File	No.	161278

Committee Item	No.	
Board Item No.	36.	

## **COMMITTEE/BOARD OF SUPERVISORS**

AGENDA PACKET CONTENTS LIST

Committee:	Date:
Board of Sup	pervisors Meeting Date: January 24, 2017
Cmte Board	d
	Motion Resolution Ordinance Legislative Digest Budget and Legislative Analyst Report Youth Commission Report Introduction Form Department/Agency Cover Letter and/or Report MOU Grant Information Form Grant Budget Subcontract Budget Contract/Agreement Form 126 – Ethics Commission Award Letter Application Public Correspondence
OTHER	(Click the text below for a direct link to the document)
	Appeal letter - November 14, 2016
	Project Sponsor letter - January 13, 2017
	Project Sponsor/Appellant joint letter - December 13, 2016
H 🛱 -	Appellant supplemental appeal letter - December 13, 2016 Appellant supplemental appeal letter - December 12, 2016
	Project Sponsor appeal response - December 8, 2016
	Planning Department appeal response - December 5, 2016
	Appellant supplemental appeal letter - December 2, 2016
	Project Sponsor appeal response - December 2, 2016
	Hearing notice - November 29, 2016
	Clerical documents
Prepared by: Prepared by:	John Carroll Date: January 19, 2017 Date:

### ZACKS, FREEDMAN & PATTERSON

A Professional Corporation

November 14, 2016

2016 NOV 14 PM 2: 47

Facsimile (415) 288-9755 www.zfplaw.com

235 Montgomery Street, Suite 400 San Francisco, California 94104 Telephone (415) 956-8100

74

#### VIA HAND DELIVERY

President London Breed c/o Angela Calvillo, Clerk of the Board San Francisco Board of Supervisors 1 Dr. Carlton B. Goodlett Place City Hall, Room 244 San Francisco, CA 94102

Re: Appeal of CEQA Categorical Exemption Determination Planning Case No. 2013.1383ENV Building Permit Application Nos. 2013.12.16.4318 & 2013.12.16.4322 3516-3526 Folsom Street ("Project Site")

Dear President Breed and Honorable Members of the Board of Supervisors:

This letter is written on behalf of neighbors of the proposed project at 3516-3526 Folsom Street (BPA Nos. 2013.12.16.4318 & 2013.12.16.4322, the "Project"). The appellants—Bernal Heights South Slope Organization, Bernal Safe & Livable, Neighbors Against the Upper Folsom Street Extension, Gail Newman, and Marilyn Waterman oppose the above-captioned Project, *inter alia*, on the grounds that the Project's Categorical Exemption determination ("CatEx," Exhibit A) violates the California Environmental Quality Act ("CEQA").

We appealed the previous CatEx for this Project in June of 2016, and the Planning Department took the unprecedented step of rescinding the CatEx prior to the Board's hearing on our appeal. While we appreciate the Planning Department acknowledging the inadequacy of the previous CatEx, this new CatEx is still inadequate and legally erroneous for the same reasons.

Pursuant to San Francisco Administrative Code Section 31.16, Appellants hereby appeal the July 8, 2016 CatEx determination. The appeal is supported by the SF Sierra Club, the Bernal Heights Democratic Club, the Bernal Heights Neighborhood Center, Bernal Heights South Slope Organization, Bernal Heights neighborhood associations, and hundreds of San Francisco residents.

The following documents are attached:

- 1. A copy of the CatEx determination dated 7/8/16
- 2. A copy of the Discretionary Review (DR) Action Memo dated 10/13/16, which constitutes the approval action for this Project

- 3. The Application to Request a Board of Supervisors Appeal Fee Waiver
- 4. A check in the amount of \$578 payable to the San Francisco Planning Department

A copy of this letter of appeal will be concurrently submitted to the Environmental Review Officer.

#### PROJECT DESCRIPTION

On its face, the Project looks innocuous enough: the construction of two single-family homes and an extension of Folsom Street and utilities to service them. However, the street extension would be built on an extraordinarily steep slope (even by San Francisco standards). Moreover, a uniquely dangerous PG&E gas transmission trunk line runs directly underneath.

The Project site is the only High Consequence Area in San Francisco where a vintage, 26-inch PG&E Gas Transmission Pipeline is unprotected by asphalt for 125 feet—buried in "variable topography" terrain. It runs up a sharply pitched hillside in a residential area before it re-enters paved street-cover on Bernal Heights Boulevard. <sup>1</sup>

UC Berkeley Professor Emeritus Robert Bea—a pipeline safety expert with UC Berkeley's Center for Catastrophic Management, who testified in PG&E's San Bruno trial—states the concern surrounding this particular Bernal Heights location of an aging transmission pipeline "is identical to the list of concerns that summarized causation of the San Bruno Line 132 gas pipeline disaster." To wit, in 1989 the San Francisco Department of Public Works replied to an inquiry about this open space area, stating, "It was too dangerous to ever develop."

Additionally, the Project site's proposed street is located at a blind intersection that serves as the only viable access point for emergency vehicles to reach 28 homes in the neighborhood. The proposed dead-end street is too steep for emergency vehicles to climb, it is too narrow for them to turn around, and its intersection will cause trucks to bottom out and become stuck—blocking access to the neighborhood.

The Planning Department's latest effort to avoid an EIR—especially in light of the Millennium Tower and San Bruno PG&E pipeline disaster—is deeply troubling.

The Project received a CatEx under CEQA Guidelines Section 15303(a), a "Class 3" exemption for "construction . . . of up to three single-family residences." However, the preface of Planning Commission Resolution No. 14952, "Categorical Exemptions from the California Environmental Quality Act" adopted by the San Francisco Planning Commission on August 17, 2000, notes the following:

<sup>&</sup>lt;sup>1</sup> Pavement protects gas transmission pipelines from accidental rupture and is especially important in urban areas where accidental rupture would be catastrophic.

"First," [Class 3 exemptions] "are qualified by consideration of where the project is to be located. A project that would ordinarily be insignificant in its impact on the environment may, in a particularly sensitive or hazardous area, be significant."

"Second, all classes of exemption are inapplicable when the cumulative impact of successive projects of the same type in the same place over time is significant."

"Where there is a reasonable possibility of a significant effect due to unusual circumstances surrounding the project, it is not exempt even if it clearly fits one of the categories."

#### DISCUSSION OF ENVIRONMENTAL CONCERNS

#### PIECEMEALING AND CUMULATIVE IMPACTS

The Project's environmental review failed to include the entire scope of proposed work. The Project proposes initially constructing two single-family homes, and it also proposes running utilities and a street extension to enable construction of four additional new homes. These additional homes were not analyzed in the CatEx. Moreover, a total of six homes would not qualify for categorical exemption.

While Planning would argue that each additional home will receive its own environmental review when permit applications when permit applications are submitted. However, each one of them will receive a categorical exemption under CEQA Guidelines Section 15303(a):

"In urbanized areas, up to three single-family residences may be constructed or converted under this exemption." CEQA Guidelines Section 15303(a)

As a result, the entire six-home Project will escape environmental review. This is referred to in CEQA cases as "piecemealing" and is prohibited. In fact, the CatEx states: "the improvements proposed by the project would facilitate the development of those lots." The owners of these four properties have been candid about contact with the Project Sponsor regarding the development of their properties. They have attended neighborhood meetings, saying they will build once the first houses are built.

#### INCOMPLETE GEOTECHNICAL REPORT

The geotechnical report dated August 3, 2013 focuses solely on the footprint sites of the two proposed houses, with no acknowledgement of the "revised" Project scope. Thus, it is incomplete, outdated, and fails to address the entire scope of the Project. The report itself states: "If more than 18 months have passed between the submission of this report

and the start of work at the site . . . the recommendations of this report may no longer be valid or appropriate."

The Project Site is unusual and of special concern because it contains an aging 26-inch PG&E gas transmission pipeline in a rare location where it is unprotected by asphalt on steep terrain. The pipeline's presence on this unimproved steep terrain presents unusual grading and excavation challenges not addressed in the geotechnical report. Project Site is in a residential High Consequence Area, a designation that denotes catastrophic results in the event of accidental gas pipeline rupture.

The current "incomplete" geotechnical report raises the following concerns:

- UNCERTAINTIES REGARDING SOIL STABILITY: The report acknowledges the uncertainty of the depth of soil to bedrock "can vary across the site," and that due to this uncertainty, assumptions about "soil stability, site settlements, and foundations" could change. Given the expanded site scope with excavation activity and grading next to, over, and under the gas transmission pipeline, more thorough review is needed.
- NO MENTION OF BACKFILL SOIL OVER PIPELINE: The transmission pipeline is covered with loose backfill soil, which is different from the other soil on this site. The conditions surrounding the pipeline substantially differ from the soil borings of this report yet are not a part of the report.
- SIGNIFICANT RISK: Lateral and overhead earth movement from excavation activities on this steep hillside pose a significant risk to accidental pipeline rupture. The pipeline will be buried under the driveways of the proposed houses, adjacent to excavation activity of 10 feet deep or more. The report affirms, "Excavations extending deeper into bedrock may require extra effort, such as heavy ripping, hoe-jams or jack-hammering." Federal pipeline safety guidelines point out that most pipeline accidents happen during construction/excavation activities.
- DISCREPANCIES: The Project Site is located on an extreme slope. Serious inconsistencies exist in the CatEx regarding the Project site's slope percentage. The CatEx's representation of the grade (28%) substantially differs from the geotechnical report (32%). The Project Sponsors' own figures have varied from between 34% to 37%, due to the uncertainties regarding the depth of the transmission pipeline.
- EARTHQUAKES: The report acknowledges that due to the "local geological conditions" of Bernal Heights hill, this area would be subject to "strong earthquake shaking."
- CATEX GEOTECHNICAL CONCLUSION IS INVALID: The CatEx states that the proposed improvements of the two buildings would have "no geotechnical impacts" because of compliance with the San Francisco Building Code and the Slope Protection Act. This conclusion is restricted to the first CatEx's scope, which was rescinded. It does not address the revised Project scope and does not include the gas transmission

pipeline in close proximity to excavation/grading activities located on variable undeveloped terrain.

"Classes 3, 4, 5, 6, 11, and 32 are qualified by consideration of where the project is to be located. A project that would ordinarily be insignificant in its impact on the environment may, in a particularly sensitive or hazardous area, be significant." [Resolution No. 14952, "Categorical Exemptions from CEQA]

• SITE DRAINAGE: The report addresses the importance of site drainage issues, but no mention is made of the water and fertilizer drainage from the adjacent Community Garden, which abuts the revised Project Site. Importantly, years of fertilizer runoff from the adjacent community garden may have eroded the gas transmission line's protective coating.

# MAJOR HAZARD: 26-INCH PG&E GAS TRANSMISSION PIPELINE ON A STEEP UNDEVELOPED SLOPE

The cumulative effects of six new houses, a new street, and repeated earth-moving activities next to, over, under, and near this aging pipeline on a steep hillside pose a unique and significant public safety threat that has not been properly addressed and mitigated.

CEQA specifically mentions the importance of location:

"Classes 3, 4, 5, 6, 11, and 32 are qualified by consideration of where the project is to be located. A project that would ordinarily be insignificant in its impact on the environment may, in a particularly sensitive or hazardous area, be significant." [Resolution No. 14952]

"Where there is a reasonable possibility of a significant effect due to unusual circumstances surrounding the project, it is not exempt even if it clearly fits one of the categories." [Resolution No. 14952].

- The CatEx asserts the PG&E gas transmission pipeline location—on a steep undeveloped hillside—is "not unusual". But it contradicts that assertion by stating: "other similar pipelines run beneath streets in other areas of the City." It is street pavement that protects gas pipelines in urban areas, making this SF *undeveloped* hillside uniquely dangerous. One backhoe slip—such as what triggered the fatal Fresno pipeline explosion in 2015—could cause a catastrophic explosion.
- Professor Robert Bea of UC Berkeley's Center for Catastrophic Risk Management wrote in a letter that the list of concerns regarding this particular section of PG&E Gas Transmission Pipeline 109 shares dangerous similarities to the causes leading to the San Bruno explosion, including lost weld records, variable topography, and a lack of "definitive guidelines to determine if the pipeline is safe and reliable."

- The CEQA determination takes at face value what PG&E says about the original testing of the pipeline, yet PG&E has yet to produce the actual records confirming any such testing and welds took place. There is substantial reason to believe from published litigation filings that the original records have been lost. Faulty welds—combined with variable topography— were a major cause of the San Bruno catastrophic explosion.
- The current testing for corrosion and leaks by PG&E does not address the vulnerability of an aging pipeline subjected to the cumulative impacts of heavy-duty grading and significant bedrock excavation on steep slopes in SF. So far, no study or report has addressed these concerns.
- The Planning Department quotes PG&E's misleading public safety reassurance statement when it states how the pipeline has a reduced "maximum allowable operating pressure." The practice of pressure reduction is *because the pipeline is vulnerable and lacks enough reliability to carry more pressure*.
- The geotechnical report states soil depth varies across the site of the two houses. Yet, the report does not examine the hillside's varying soil conditions surrounding the "revised" Project scope, including the additional four lots, the street extension, fronting sidewalks—and driveways proposed over a shallowly buried gas transmission pipeline.
- PG&E's unreliable public safety record is a matter of public record. The CEQA determination lists the only protection from an accidental rupture on this unusually steep locale is that contractors will call 811 and a PG&E employee will stand by during grading and excavation occurring within 10 feet of the pipeline. Professor Robert Bea, who testified in the San Bruno explosion trial, states that during the San Bruno trial,
- "I did not find a single document that clearly indicated PG&E or the California PUC had a clear understanding of the word 'safe.' Unfortunately, it has been very rare for me to encounter organizations who have a clear understanding of what word means and less of an understanding of how to demonstrate that a system is 'safe enough.'"
- According to federal resources, the major cause of accidental rupture on a gas pipeline is construction activity. One backhoe slip or lateral pressure breach could precipitate a 300' radius blast and a larger fire zone. There are numerous examples of gas pipeline accidents during construction, including the 2015 fatal explosion in Fresno caused by a backhoe rupture on a steep slope. Notoriously, PG&E plays down these incidents. At one Community meeting in Bernal, a PG&E public relations representative tried to promote a spotless image of PG&E's safety record by stating "no accidents ever happen on gas transmission pipelines."
- The CatEx states the proposed Project "will present no particular issues when it comes to patrolling and maintaining the pipeline" for encroachments. However, confirming published reports of PG&E's lax public safety culture, PG&E has been negligent in patrolling this area for years: a large pine tree has been allowed to grow unchecked over this pipeline, along with other plants and structures—in clear violation of PG&E's

own encroachment guidelines. According to PG&E guidelines, tree root damage is a major cause of pipeline leaks, corrosion, and increased vulnerability. Federal guidelines point out that trees are subject to lightning strikes and should not be planted near pipelines.

#### LACK OF ACCESS FOR EMERGENCY VEHICLES

The proposed steep street prevents fire trucks and ambulances from driving up it. In the event of a fire, earthquake, medical emergency, or gas leak on the transmission line, emergency response will be hindered and delayed.

- There is restricted ability to enter and exit this neighborhood of twisty, narrow streets via a single viable road for emergency vehicle access. Fire trucks bottom out and get stuck using the other steep entry point, which is Prentiss Street between Chapman and Powhattan.
- The Urban Design Element of the General Plan includes this site on the map of SF's "Plan for Protected Residential Areas," which states "changes in streets should be so designed that they will not limit the access of vehicles for police and fire protection and other emergency purposes in the protected areas."
- The CEQA determination addresses firefighters' inability to access this street by noting hydrants within 150' of a house is within code. However, delayed emergency access in a High Consequence Area poses a serious public safety threat.
- Ambulances are not mentioned in the CatEx. The street will be too steep for ambulance access. Case in point:

A 75 year-old visitor to Bernal's Bradford Street, SF's steepest street, recently fell and broke his femur walking across the street to his car. The ambulance could not get up the street, so they drove to the cross street above Bradford. The EMTs tried to carry the man up a hillside staircase—but the attempt was abandoned as too risky. They then drove to the bottom and attempted to back the ambulance up the hill. The first attempt failed. They finally got the ambulance up the hill but a considerable amount of time elapsed before the man—now in excruciating pain—was finally loaded into the ambulance. If it had been a life-threatening situation, the man could have died.

• A gas explosion on a 26-inch pipeline will have a 300-foot blast zone and greater fire zone (like San Bruno). What is an acceptable delay in such a case? How will the area be evacuated? No study addresses or mitigates these public safety questions.

#### DANGEROUSLY STEEP STREET, LIABILITY ISSUES, GARAGE ACCESS

The proposed steep street presents a significant threat to residents and drivers. It will be among the steepest streets in SF. There will be no turn-around at the top, and it will be too narrow to turn around within the proposed street.

- Existing steep streets are substandard but grandfathered in. It is irresponsible governance to create a new one. According to an October 26, 2016 letter from DPW, a Major Encroachment permit would be required for this proposed street but there is no certainty it would be granted. This unclear situation casts doubts on the entire proposed Project Site, which includes garages, sidewalks, and driveways.
- The proposed street plans contain dangerous break-over angles and unclear plans for garage access to current residents.
- The CatEx misleading describes the new proposed street as a "street improvement" and thus exempt from CEQA under Section 1503(d). The proposed new street does not qualify as an "improvement." It will create a new street with access to nine houses, including three existing homes. The street design has undergone significant revisions in an attempt to address complex access challenges, caused by the requirements of constructing a new street over a major gas transmission pipeline on a steep slope.
- Bernal's steep, narrow, twisty streets pose uniquely dangerous challenges to drivers, even by SF standards. The CatEx's failure to recognize the significance of this section of Folsom Street as a cross-City thoroughfare is a major public safety oversight. Unwary drivers frequently attempt to use Folsom Street in the mistaken belief it will take them directly downtown. With the addition of a steep dead-end section of Folsom—with no turn-around at the top—the situation will be dramatically compounded for the entire neighborhood.
- The Storm Water Management Ordinance requires the Project to maintain or reduce the existing volume and rate of storm water runoff at the site, but neither the geotechnical report nor the proposed street design suggest how this will be accomplished on the proposed steep, 100-foot long concrete slab.
- The proposed street will not be an "accepted" street by the City but will require maintenance by fronting homeowners. Liability issues and future responsibility for maintenance are unclear in cases of accident caused by the steepness of the street and sidewalk.

#### TRAFFIC AND NEIGHBORHOOD IMPACTS

The CatEx inaccurately asserts that "the project would not substantially affect the neighborhood's existing or cumulative traffic conditions." It fails to take into account the existing neighborhood roadway network.

- The Folsom/Chapman intersection at the Project Site is the primary access point to the 28 existing homes along and above Chapman Street. The other two access points are dangerous: Prentiss Street is the third steepest street in SF at 37% grade that curves, where large vehicles and fire trucks get stuck, and Nevada Street is an unimproved roadway at 35% grade that connects to a rutted dirt trail.
- Due to the usage of the Folsom/Chapman intersection by most drivers and emergency and delivery vehicles, the additional traffic to and from two additional residences potentially increases existing traffic volumes significantly. For six additional residences, it will dramatically increase traffic volumes.
- The CatEx dismisses the addition of 27 extra car trips as not affecting the "local transportation system." This claim fails to address the unique location of the Project Site and the difficulties of navigating this challenging Bernal area of narrow, twisty, dead-end streets. 27 extra car trips—coupled with a dangerous blind intersection, visitors' cars, delivery trucks, construction vehicles, service trucks and no on-street parking—pose a significant public safety hazard. For example, a cement truck overturned just feet away from the Chapman/Folsom intersection, while trying to negotiate a pitched turn, blocking traffic for hours.
- The CEQA determination dismisses the "cumulative impacts" of six new houses with no on-street parking (nine including the existing three houses)—by not addressing the "unique circumstance" of the location of the proposed new street: at a blind intersection that is the only viable entrance to a neighborhood of 28 homes.
- The Urban Design Element of the General Plan includes this site on the map of SF's "Plan for Protected Residential Areas." The proposed street plans do not "give the dominant position to residential and pedestrian qualities rather than to vehicles." [SF General Plan, Urban Design Element, Policy 4.1, 2<sup>nd</sup> paragraph]
- The Project area's lack of on-street parking will significantly impact the disabled-accessibility status of Bernal Heights Park and the parking availability for the Community Garden. There is limited available flat parking space—necessary for the wheelchair enabled—along Bernal Heights Blvd. This street section will be a de facto parking area for the subdivision's visitors, delivery trucks, and additional cars.
- Nine homes placing garbage, recycling, and compost at the bottom of the street will impede traffic and likely block the intersection. There is not enough space in front of current residents' homes to fit 27 bins. This will introduce a new public health and safety hazard.

#### **AESTHETICS**

#### **PUBLIC VIEWS**

The Planning Department uses inaccurate and misleading data to dismiss the significant impacts on the public vista from Bernal Heights Park and Bernal Heights Blvd.

- The largest intact panorama of the Bay and valley below on the south side of Bernal Heights Park is impacted by this site. This vista is created by a unique stretch of undeveloped DPW and Recreation and Park land that abuts the Project Site. The vista has significant importance to Park visitors and residents. Hundreds of park visitors walk around the Park daily, and enjoy this vista from the sidewalk on Bernal Heights Blvd. directly above the Project Site.
- The CatEx inaccurately states: "The proposed roofs of the two buildings sit below the elevation of Bernal Heights Blvd." The topmost house (3516 Folsom Street) measures 14 feet *above* the Boulevard's elevation. It includes a visually prominent four-foot stairwell parapet on the Bernal Park-facing side that that significantly blocks the pubic view.
- The CatEx misleadingly states: "This project site is located downhill from Bernal Heights Park . . ." It is actually located directly adjacent to park property. Rec and Park's Bernal Heights Community Garden abuts the project site. Open space land, owned by DPW, also abuts the Project site. The combination of City public lands creates a sweeping public vista that will be blocked by the north facing wall of the top house.
- The CatEx misleadingly dismisses the public view from this vista as "average." It selectively quotes from the Urban Design Element of the General Plan, but omits: "Overlooks and other viewpoints for appreciation of the city and its environs should be protected and supplemented, by limitation of buildings and other obstructions . . ." [SF General Plan, Urban Design Element, Policy 1.1, 2<sup>nd</sup> paragraph]

#### **CONCLUSION**

The Project is not lawfully eligible to receive a CatEx under Guidelines Section 15303(a) because the Project will have significant unmitigated environmental impacts that have not been analyzed by the City.

Appellants reserve the right to submit additional written and oral comments, bases, and evidence in support of this appeal to the City up to and including the final hearing on this appeal and any and all subsequent permitting proceedings or approvals for the Project. Appellants request that this letter and exhibits be placed in and incorporated into the administrative record for Case No. 2013.1383ENV.

Appellants respectfully request that the Board of Supervisors revoke the CatEx determination and require further environmental review pursuant to CEQA. If the CatEx

determination is upheld, Appellants are prepared to file suit to enforce their and the public's rights.

We appreciate your attention to this matter.

Very truly yours,

ZACKS, FREEDMAN & PATTERSON, PC

Ryan J. Patterson

Attorneys for Herb Felsenfeld and Gail Newman

cc: Environmental Review Officer San Francisco Planning Department 1650 Mission Street, Suite 400 San Francisco, CA 94103 <u>Lisa.Gibson@sfgov.org</u>

Enclosures

I, Marilyn Waterman, hereby authorize Ryan J. Patterson, Esq. to file an appeal of the Categorical Exemption for Case NO. 2013.1383ENV (3516 & 3526 Folsom Street).

To Whom it May Concern:

We hereby authorize Zacks, Freedman & Patterson, PC to file an appeal on our behalf of the CEQA Categorical Exemption Determination for Buioding permit Application Nos. 2013.12.16.4318 and 2013.12.16.4322 (3516 & 3526 Folsom Street, SF, Case No. 2013.1383ENV).

Signed,

Kathy Angus for Bernal Heights South Slope Organization

To Whom it May Concern:

We hereby authorize Zacks, Freedman & Patterson, PC to file an appeal on our behalf of the CEQA Categorical Exemption Determination for Buioding permit Application Nos. 2013.12.16.4318 and 2013.12.16.4322 (3516 & 3526 Folsom Street, SF, Case No. 2013.1383ENV).

Signed,

To Whom it May Concern:

We hereby authorize Zacks, Freedman & Patterson, PC to file an appeal on our behalf of the CEQA Categorical Exemption Determination for Buioding permit Application Nos. 2013.12.16.4318 and 2013.12.16.4322 (3516 & 3526 Folsom Street, SF, Case No. 2013.1383ENV).

Signed,

To Whom it May Concern:

We hereby authorize Zacks, Freedman & Patterson, PC to file an appeal on our behalf of the CEQA Categorical Exemption Determination for Buioding permit Application Nos. 2013.12.16.4318 and 2013.12.16.4322 (3516 & 3526 Folsom Street, SF, Case No. 2013.1383ENV).

Signed,



# SAN FRANCISCO

### PLANNING DEPARTMENT

# Certificate of Determination SY\_\_\_Exemption from Environmental Review

---- 1650 Mission St. Suite 400

Reception:

San Francisco, CA 94103-2479

Case No.: 2013.1383ENV

3516 and 3526 Folsom Street

Zoning: RH-1 (Residential—House, One Family) Use District

40-X Height and Bulk District

 Block/Lot:
 5626/013 and 5626/014

 Lot Size:
 1,750 square feet (each lot)

Project Sponsor: Fabien Lannoye, Bluorange designs

415-533-0415

Fabien@novadesignsbuilds.com Justin Horner – (415) 575-9023

Justin.Horner@sfgov.org

Fax:

415.558.6409

415.558.6378

Planning Information: 415.558.6377

#### PROJECT DESCRIPTION:

Project Title:

Staff Contact:

The project site is located on the block bounded by Bernal Heights Boulevard to the north, Gates Street to the west, Powhattan Avenue to the south and Folsom Street to the east. The project site is located along the west side of an approximately 145 foot long unimproved segment of Folsom Street, north of Chapman Street, that ends at the Bernal Heights Community Garden. This unimproved right-of-way is known as a "paper street." Undeveloped land along this unimproved segment of Folsom Street has been subdivided into six lots, three on each side of Folsom Street. PG&E Natural Gas Transmission Pipeline 109 runs along Folsom Street under the project site. The project site is at a slope of 28%.

The proposed project involves the construction of two single-family residences on two of the vacant lots along the west side of the unimproved portion of Folsom Street, and the construction of the connecting segment of Folsom Street to provide vehicle and pedestrian access to the project site. Both single-family homes would be 27 feet tall, two-story-over-basement buildings and would each include two off-street vehicle parking spaces accessed from a twelve-foot-wide garage door.

(Continued on next page)

#### **EXEMPT STATUS:**

Categorical Exemption, Class 3 (California Environmental Quality Act [CEQA] Guidelines Section 15301). See page 2.

#### **DETERMINATION:**

I do here by certify that the above determination has been made pursuant to State and local requirements.

Sarah B. Jones

**Environmental Review Officer** 

Virna Byrd, M.D.F.

Supervisor Campos, District 9, (via Clerk of the Board)

uly 8,2016

c: Fabien Lannoye, Project Sponsor Richard Sucre, Current Planner

#### PROJECT DESCRIPTION (continued):

The 3516 Folsom Street building would be approximately 2,230 square feet in size with a side yard along its north property line. The 3526 Folsom Street building would be approximately 2,210 square feet in size with a side yard along its south property line. The proposed buildings would include roof decks and a full fire protection sprinkler system. The project sponsor proposes to create a mural on the south façade of the 3526 Folsom Street building. The proposed buildings would be supported by a shallow building foundation using a mat slab with spread footings.

The proposed Folsom Street extension improvements would include an approximately 20-foot-wide road with an approximately 10-foot-wide sidewalk on the west side of the street, adjacent to the proposed residences. The proposed sidewalk would be stepped, would incorporate landscaping that would perform storm water retention, and would provide public access to Bernal Heights Boulevard/Bernal Heights Park (along the west side of the Bernal Heights Community Garden). The proposed project would not create direct vehicular access to Bernal Heights Boulevard as the Folsom Street extension would terminate at the Bernal Heights Community Garden. Construction of the street extension would require the removal of the existing landscaped area within the public right-of-way where Folsom Street meets Chapman Street. An existing driveway utilized by both the 3574 Folsom Street and 3577 Folsom Street buildings would also be removed; however, the extension would provide access to the two existing residences.

The proposed project would include the installation of new street trees (subject to approval from PG&E) and street lighting on the west side of the street. No on-street parking would be provided along the Folsom Street extension. In addition to providing utilities for the proposed residences, the project sponsor would install utilities for the four vacant lots located on the "paper street" segment of Folsom Street (one on the west side and three on the east side). No residences are proposed at this time on those lots; the proposed connections would be provided to minimize disruption in the case of future development. Construction would continue for approximately 12 months and would require excavation of up to approximately 10 feet below the existing ground surface.

#### Project Approvals

**Approval Action:** If discretionary review before the Planning Commission is requested, the discretionary review hearing is the Approval Action for the project. If no discretionary review is requested, the issuance of a building permit by the Department of Building Inspection (DBI) is the Approval Action. The Approval Action date establishes the start of the 30-day appeal period for this CEQA exemption determination pursuant to Section 31.04(h) of the San Francisco Administrative Code.

#### **EXEMPT STATUS (continued):**

CEQA Guidelines Section 15303, or Class 3, provides an exemption from environmental review for construction of new, small facilities or structures. Section 15303(a) specifically exempts up to three single-family homes in urbanized areas, and Section 15303(d) specifically exempts utility extensions and street improvements to service such construction.

3

The proposed project would construct two-single family homes on two lots, with utility extensions and street improvements to service the two structures. Therefore, the proposed project qualifies for an exemption from CEQA under CEQA Guidelines Sections 15303(a) and (d).

#### **DISCUSSION OF ENVIRONMENTAL ISSUES:**

CEQA Guidelines Section 15300.2 establishes exceptions to the application of a categorical exemption for a project. As discussed in this certificate of exemption, none of the established exceptions apply to the proposed project.

CEQA Guidelines Section 15300.2, subdivision (a), provides that a Class 3 categorical exemption cannot be used where the project may negatively impact an environmental resource of critical or hazardous concern which is "designated, precisely mapped, and officially adopted pursuant to law by federal, state, or local agencies." For the reasons discussed below under "Resources of Hazardous or Critical Concern," there is no possibility that the proposed project would have a significant effect on the environment related to this circumstance.

CEQA Guidelines Section 15300.2, subdivision (b), provides that a categorical exemption is inapplicable when the cumulative impact of successive projects of the same type in the same place, are significant. For the reasons discussed below under "Cumulative Impacts," there is no possibility that the proposed project would have a significant effect on the environment related to this circumstance.

CEQA Guidelines Section 15300.2, subdivision (c), provides that a categorical exemption shall not be used where there is a reasonable possibility that the activity will have a significant effect on the environment due to unusual circumstances. For the reasons discussed in this certificate of exemption, there is no possibility that the proposed project would have a significant effect on the environment due to unusual circumstances.

CEQA Guidelines Section 15300.2, subdivision (d), provides that a categorical exemption shall not be used for a project that would result in damage to a scenic resource within a highway officially designated as a state scenic highway. Neither Bernal Heights Boulevard nor any other nearby street is a designated state scenic highway. Therefore, there is no possibility that the proposed project would have a significant effect on the environment related to this circumstance.

CEQA Guidelines Section 15300.2, subdivision (f), provides that a categorical exemption shall not be used for a project that may cause a substantial adverse change in the significance of a historical resource. For the reasons discussed below under "Historic Resources," there is no possibility that the proposed project would have a significant effect on a historic resource.

Resources of Hazardous or Critical Concern. According to the CEQA Guidelines, Categorical Exemptions may be used for Class 3-eligible projects except in cases where the project may negatively impact an environmental resource of critical or hazardous concern which is "designated, precisely mapped, and officially adopted pursuant to law by federal, state, or local agencies."

The project site is mapped in an area subject to the Slope Protection Act, adopted by the Board of Supervisors (BOS) in 2008. This ordinance created procedures for additional review of slope stability by

DBI for properties within certain mapped areas and established a Structural Advisory Committee for review of permit applications within this area. The BOS found that the public health, safety, and welfare would be best protected if the Building Official requires permits for new construction in these areas to undergo additional review for structural integrity and potential effects on slope stability, including submission to the Structural Advisory Commission for consideration. If the Structural Advisory Commission finds that a project would result in unsafe conditions that cannot be addressed to the satisfaction of the Committee, the Building Official must deny the permit. Thus, the existing regulatory program and requirements are sufficient to ensure that the proposed project would not result in a significant impact related to slope stability. Adherence to this ordinance has been found to adequately protect the public health, safety, and welfare.

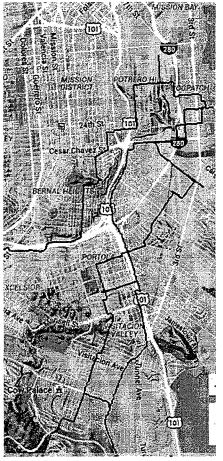
The project site contains no other environmental resource of hazardous or critical concern that has been designated or precisely mapped. Therefore, the proposed project would not have a significant impact on environmental resources of hazardous or critical concern and this exception to the Categorical Exemption does not apply.

<u>Utilities.</u> PG&E Transmission Pipeline 109 runs under Folsom Street from the 280 freeway to Bernal Heights Boulevard, including under the project site, after which it circles Bernal Heights Park's eastern edge before continuing onto Alabama Street, Cesar Chavez Street and neighborhoods along Potrero Hill, Dogpatch and the Central Waterfront. The Pipeline's alignment takes it through a variety of residential neighborhoods in the southeast area of the City, and other similar pipelines run beneath streets in other areas of the city (see Figure 1). The presence of a gas transmission pipeline beneath areas adjacent to residential development is not unusual in San Francisco or throughout the state because residential homes are commonly served by gas lines.

According to PG&E, Pipeline 109 was installed in 1981 and was successfully strength tested at the time of installation. It has a maximum allowable operating pressure of 150 pound per square inch gage which is 19.8% of the pipe's specified minimum yield strength. It is patrolled at least quarterly, and is surveyed for leaks at least annually. The system PG&E uses to combat pipeline erosion is inspected every two months. PG&E also performs External Corrosion Direct Assessments, which involve excavation and physical inspection of the pipeline.

PG&E has stated that the construction of the two homes will present no particular issues with respect to patrolling and maintaining the pipeline, as the proposed home sites are no closer to the pipeline than existing residential properties on Folsom Street and other areas of San Francisco.

Figure 1. Pipeline Transmission Network



PG&E natural gas lines run under a number of small and large streets in San Francisco that have experienced, and will continue to experience, maintenance that includes earth movement, excavation and related work in proximity to a natural gas transmission line.

Section 4216.2(a)(1) of the California Government Code requires that any contractor or resident that excavates on private property must call 811 (Underground Service Alert (USA) North) at least two business days before excavation. USA will inform PG&E of the request to excavate and, in the case of work done in proximity to a pipeline such as that proposed by the Project Sponsor, require that a PG&E standby employee be contacted. PG&E staff must physically observe a safe excavation and must be present for any excavation within ten feet of their transmission lines, and will instruct and guide the excavating party, on-site, to avoid damage to the pipeline. These practices apply in the case of both housing construction and road improvements anywhere in San Francisco adjacent to a gas transmission pipeline. These practices, as required by law, are in place to ensure construction activities do not substantially affect underground services, including natural gas pipelines. Furthermore, PG&E regulations require review of proposed plans for any work within 10 feet of their facilities. Therefore, these regulations would ensure that no significant environmental effect would occur from construction in proximity to PG&E's natural gas pipeline.

In light of the above, there is no possibility that the proposed project would have a significant effect on the environment related to unusual circumstances with regards to the presence of the PG&E natural gas pipeline.

Emergency Access. While the width and grade of the proposed street improvement preclude the San Francisco Fire Department (SFFD) apparatus from traversing the proposed street, the proposed project would be required to conform to Fire Code Section 503.1.1, which mandates all portions of the exterior walls of the first story of any constructed building to be within 150 feet of an approved fire apparatus access road. Both Folsom Street and Bernal Heights Boulevard are accessible to SFFD apparatus and are within 150 feet of all portions of the exterior walls of the first floor of both proposed homes. Furthermore, the proposed homes include automatic sprinkler systems. As the proposed houses are within 150 feet of approved fire access roads and include automatic sprinkler systems, the proposed project conforms with the Fire Code and the project therefore does not present a hazardous condition with respect to public safety related to emergency access.

Aesthetics. The project site is located downhill from Bernal Heights Park and Bernal Heights Boulevard. The Urban Design Element of the General Plan includes three maps relevant to the proposed project: 1) Street Areas Important to Urban Design and Views, 2) Quality of Street Views, and 3) Plan to Strengthen City Pattern through Visually Prominent Landscaping. Neither Bernal Heights Boulevard nor Folsom Street is included on the map "Street Areas Important to Urban Design and Views". Bernal Heights Boulevard, Folsom Street and Chapman Street in the area of the proposed project are designated as having average views on the "Quality of Street Views map". Bernal Hill is identified as an important vista point to be protected on the "Plan to Strengthen City Pattern Through Visually Prominent Landscaping map".

The proposed project (two buildings reaching a height of 30 feet) would not obstruct views from Bernal Heights Park. The Bernal Heights East Slope Design Guidelines include roof treatment guidelines to minimize or avoid obscuring views, and the north elevation of the proposed project would comply with

the Bernal Heights East Slope Design Guidelines. Furthermore, the proposed roofs of the two buildings would sit below the elevation of Bernal Heights Boulevard.

Therefore, the two proposed 30 foot, tall buildings would not result in a substantial demonstrable adverse effect to any scenic views or resources.

<u>Historic Resources.</u> The project site is currently vacant, undeveloped land, and does not include any historic resources. Neither the project site nor the immediately surrounding neighborhood is within a historic district designated under federal, state or local regulations.

As the proposed project requires excavation up to a depth of 40 feet, it was subject to a Preliminary Archeological Review (PAR) by a Planning Department Archeologist. The PAR determined that the proposed project would result in no effect on archeological resources.<sup>1</sup>

Thus, the proposed project would not result in an adverse impact to a historic resource.

<u>Geotechnical</u>. The dimensions of each lot are 25 feet wide by 70 feet deep. Both lots have an approximately 32 percent slope from the north to south side of the lot. Each residence would be constructed on a flat building pad with concrete retaining walls used in the front and rear yard areas to provide access to the garage and create usable outdoor living areas. The buildings would be constructed using a spread footing and/or mat foundation, requiring excavation several feet in depth.

A geotechnical report was prepared for each of the two proposed residences (3516 and 3526 Folsom Street) and includes information gathered from a site reconnaissance by the geotechnical engineer and two soil borings, one on each lot.<sup>2</sup> Both borings encountered 3 to 4 feet of stiff clay and sandy soil over chert bedrock. No groundwater was encountered, though based on the hillside location and soil and bedrock morphology it is possible that groundwater seepage from offsite irrigation could be encountered during excavation on the project site.

The geotechnical reports include the same evaluation and recommendations given the adjacency of the two lots and similar geotechnical/geological site conditions. The project site was evaluated for potential liquefaction, landslides, surface rupture, lateral spreading, and densification and was found to have a low risk. The geotechnical reports indicate the project site is not within an identified landslide or liquefaction zone as mapped by the California Divisions of Mines and Geology.<sup>3</sup> The project site is in an area that would be exposed to strong earthquake shaking. However, the 2013 San Francisco Building Code (Building Code) requires the Site Classification and Values of Site Coefficients be used in the design of new structures to minimize earthquake damage. The geotechnical reports include seismic design

<sup>&</sup>lt;sup>1</sup> Preliminary Archeological Review Log, September 26, 2013. A copy of this document, and all documents cited below, are available for public review at the San Francisco Planning Department. 1650 Mission Street, Suite 400, as part of Case file No. 2013.1383E.

<sup>&</sup>lt;sup>2</sup> H. Allen Gruen, Report Geotechnical Investigation Planned Residence at 3516 Folsom Street, and Report Geotechnical Investigation Planned Residence at 3526 Folsom Street, August 3, 2013. Copies of these documents are available for public review at the San Francisco Planning Department, 1650 Mission Street, Suite 400, as part of Case File No. 2013.1383E.

<sup>&</sup>lt;sup>3</sup> California Department of Conservation, Seismic Hazard Zones, City and County of San Francisco, November 17, 2000. Available online at <a href="http://gmw.consrv.ca.gov/shmp/download/quad/SAN\_FRANCISCO\_NORTH/maps/ozn\_sf.pdf">http://gmw.consrv.ca.gov/shmp/download/quad/SAN\_FRANCISCO\_NORTH/maps/ozn\_sf.pdf</a>. Accessed July 8, 2016.

parameters for use in the project design by the structural engineer, in compliance with the Building Code, during the building permit plan check process.

Both geotechnical reports conclude that the proposed improvements could be safely supported using a spread footing and/or mat building foundation, provided adherence to the site preparation and foundation design recommendations included in the reports. The San Francisco Building Code ensures the safety of all new construction in the City. Decisions about appropriate foundation and structural design are considered as part of DBI's permit review process. Prior to issuing a building permit for the proposed project, DBI would review the geotechnical report to ensure that the proposed project complies with building safety and seismic design standards, as well as compliance with the requirements of the Slope Protection Act. Therefore, potential damage to structures from geologic hazards on the project site would be addressed through compliance with the San Francisco Building Code. Thus, the proposed project would have no significant geotechnical impacts.

<u>Shadow</u>. The project site is located to the southwest of the Bernal Heights Community Garden. Therefore, a shadow analysis was prepared by the Project Sponsor/Architect. The shadow analysis provides simulations that show that the proposed project would cast new shadow on the Bernal Heights Community Garden, but that shadow would be limited to only certain periods in the winter and summer and the new shadow would only fall on a portion of the southwestern corner of the community garden mainly in the evening after 5:30 pm. In most cases throughout the year, the shadow cast by the proposed project either does not fall on the community garden or is contained within shadow already cast by existing structures on Gates Street.

While the proposed project would cast new shadow on the community garden, it is not expected to substantially affect the use or enjoyment of the Bernal Heights Community Garden such that a significant environmental effect would occur.

<u>Transportation</u>. Using the Planning Department's 2002 Transportation Impact Analysis Guidelines for Environmental Review (October 2002), the proposed project is estimated to generate approximately nine daily automobile trips. The change in traffic in the project area as a result of the proposed project would be indiscernible to most drivers. The proposed project would add a negligible increment of vehicle traffic to the cumulative long-term traffic increase on the neighborhood's roadway network. Thus, the project would not substantially affect the neighborhood's existing or cumulative traffic conditions.

Planning Code Section 242 requires, generally, two functional off-street parking spaces per residential unit in the Bernal Heights Special Use District. The proposed project includes two parking spaces per residential unit (four, in total). Guests and visitors arriving by car would be able to utilize nearby onstreet parking. According to the Department's transportation impact analysis guidelines, the parking demand for the proposed project is three spaces. As the proposed project includes four spaces, there would be no parking shortfall.

San Francisco does not consider parking supply as part of the permanent physical environment and therefore, does not consider changes in parking conditions to be environmental impacts as defined by CEQA. Parking conditions are not static, as parking supply and demand varies from day to day, from day to night, from month to month, etc. Hence, the availability of parking spaces (or lack thereof) is not a permanent physical condition, but changes over time as people change their modes and patterns of

travel. The small number of projected vehicle trips generated by the proposed project, approximately nine per day (which includes vehicle trips by the residents who would utilize the project's off-street parking), would not result in a parking deficit and therefore any secondary impacts from a parking shortfall on the environment would not ensue, including increased traffic congestion, emissions, safety or noise.

In light of the above, the proposed project would not result in any significant transportation impacts.

<u>Biological Resources.</u> Nearby Bernal Hill is a natural area that has been evaluated for the presence of birds and bird habitat. According to San Francisco Recreation and Parks' Significant Natural Resources Areas Management Plan (SNRAMP), two sensitive bird species have been observed at Bernal Hill: Say's phoebe (Sayornis saya) and Wilson's warbler (Wilsonia pusilla). There is also a single area of important bird habitat, which includes the entire grasslands area of Bernal Hill.

The project site contains trees and vegetation not unlike those found on Bernal Hill. The Project Sponsor would be required to comply with the Federal Migratory Bird Treaty Act (MBTA) as well as California Department of Fish and Game Code 3513 regarding the protection of nesting birds during construction. California Department of Fish and Wildlife (DFW) biologists have broadly defined the nesting season as February 1st through August 15th (although there are more specific dates for certain species of birds). If timing restrictions make it impossible to avoid the nesting season, the construction areas should be surveyed for nesting birds and active nests should be avoided. A biologist should inspect the construction areas for active nests. If adult birds are observed flying to and from a nest, or sitting on a nest, it can be assumed that the nest is active. Construction activity within 300 feet of an active nest should be delayed until the nest is no longer active. The active nest should be watched, and when the chicks have left the nest and activity is no longer observed around the nest, it is safe to continue construction activity in the nest area.

As the proposed project would be required to comply with the MBTA and DFW regulations, and as there is abundant substantially similar, and protected, habitat available nearby on Bernal Hill, project construction would not have a significant effect on any bird species or their habitat and the development of these two lots, adjacent to other similar development, would not result in a significant impact on bird species or habitat.

<u>Water Quality</u>. The proposed project would not generate wastewater or stormwater discharges that have the potential to degrade water quality or contaminate a public water supply. Project-related wastewater and stormwater would flow to the City's combined stormwater/sewer system and would be treated to standards contained in the City's National Pollutant Discharge Elimination System (NPDES) Permit for the Southeast Treatment Plant prior to discharge into San Francisco Bay. Additionally, the proposed project is required to comply with the Stormwater Management Ordinance, which require the project to maintain or reduce the existing volume and rate of stormwater runoff at the site by retaining runoff onsite, promoting stormwater reuse, and limiting site discharges before entering the combined sewer collection system.

The proposed project would also be required to comply with requirements of the Construction Site Runoff Ordinance, which regulates the discharge of sediment or other pollutants from construction sites and prevents erosion and sedimentation due to construction activities. Furthermore, before the street

improvement permit can be finalized, SFPUC must review and approve the proposed plans. Therefore, the proposed project would not have significant environmental impacts related to water quality.

<u>Cumulative Impacts</u>. CEQA Guidelines Section 15300.2, subdivision (b), provides that a categorical exemption is inapplicable when the cumulative impact of successive projects of the same type in the same place, are significant. For the reasons discussed below there is no possibility that the proposed project in combination with reasonably foreseeable cumulative projects would have a significant effect on the environment.

The project as proposed in the Environmental Evaluation application is for the construction of two single-family residences on two vacant lots located on the "paper street" segment of Folsom Street as well as utility extensions and street improvements that would serve the two homes and four undeveloped lots along this segment of Folsom Street. The four adjacent lots are all under different ownership than the project lots and no Environmental Evaluation applications are on file with the Planning Department for development of those lots. Any future development proposals on the adjacent lots would require further environmental review and City approval.

Since the 3516 and 3526 Folsom Street project is the first proposed development on the "paper street" segment of Folsom Street, the project sponsor would be required to construct pedestrian and vehicular access to this segment of Folsom Street. The project sponsor has also agreed to construct utilities to service the remaining four undeveloped lots so as to avoid any need to excavate the improved section of Folsom Street in the event homes are proposed for the four remaining vacant lots in the future. At this time, it is unknown whether utilities would come from Bernal Heights Boulevard to the north or from Chapman Street to the south. This would be determined by PG&E and the SFPUC once the project is entitled. It is anticipated that utility lines would run under the entire length of the street extension, which would reduce or avoid the need for future utility-related construction activities should development occur on the adjacent lots.

Pursuant to CEQA, cumulative impacts refer to two or more individual effects which, when considered together, are considerable or which compound or increase other physical environmental impacts. The proposed project would construct two single-family homes, improve a segment of Folsom Street, and provide utilities for the two proposed homes and four adjacent lots. While there are no Environmental Evaluation applications on file with the Planning Department for the four adjacent lots, the improvements proposed by the project would facilitate future development of those lots. The cumulative effects of the proposed project in addition to development of the four adjacent lots are addressed below.

Shadow. The vacant lots to the east of the project site would have the potential to shade the Bernal Heights Community Garden. If those lots are developed, they would be required to undergo environmental review in accordance with CEQA and would require a shadow analysis. As discussed above, the proposed project would shade a portion of the southwestern corner of the community garden mainly in the evening after 5:30 pm. Therefore, the proposed project would not result in a considerable contribution to any cumulative shadow impact that could result from development of the adjacent lots.

Transportation. The addition of two single-family residences would generate an estimated 9 daily vehicle trips. Should development occur on the four adjacent lots, which are each permitted to construct one

single-family residence, it is estimated that an additional 18 daily vehicle trips would be generated. The addition of 18 daily vehicle trips in combination with the proposed project's 9 daily vehicle trips would be dispersed through-out the day and would not be considered a substantial number of trips that could adversely affect the local transportation system.

In addition, any subsequent development would be required to comply with the same regulations as the proposed project including, but not limited to, compliance with the San Francisco Building and Fire Codes, Slope Protection Act, PG&E regulations for work in proximity to their pipeline, the SFPUC's Stormwater Management Ordinance and Construction Site Runoff Ordinance, the MBTA and DFW regulations protecting nesting birds and the Bernal Heights East Slope Design Guidelines. These regulations would ensure that development of the adjacent lots, would not result in significant effects to geology/soils, emergency access, water quality, utilities, biological resources, and aesthetics.

Thus, the proposed project would not result in a considerable contribution to any cumulative environmental impacts.

<u>Conclusion</u>. The proposed project satisfies the criteria for exemption under the above-cited classification(s). In addition, none of the CEQA Guidelines Section 15300.2 exceptions to the use of a categorical exemption applies to the proposed project. For the above reasons, the proposed project is appropriately exempt from environmental review.



# SAN FRANCISCO PLANNING DEPARTMENT

## **Discretionary Review Action DRA-0487**

**HEARING DATE: OCTOBER 13, 2016** 

Case Nos: 2013.13

2013.1383DRP-10 & 2013.1768DRP-09

Project Address: Building Permit:

3516 & 3526 Folsom Street 2013.12.16.4318 & 2013.12.16.4322

Zoning:

RH-1 (Residential House, One-Family) Zoning District

Bernal Heights Special Use District

40-X Height and Bulk District

Block/Lot:

5626/013 & 014

Project Sponsor:

Fabien Lannoye & Anna Limkin

241 Amber Drive

San Francisco, CA 94131

DR Requestor(s):

Bernal Safe & Livable

(2013.1383DRP & 2013.1768DRP-08)

Representative: Sam Orr

61 Gates Street

San Francisco, CA 94110

Marilyn Waterman

(2013.1383DRP-02 & 2013.1768DRP-07)

61 Gates Street

San Francisco, CA 94110

Ann Lockett

(2013.1383DRP-03)

61 Gates Street

San Francisco, CA 94110

Herb Felsenfeld

(2013.1383DRP-04 & 2013.1768DRP-06)

3574 Folsom Street

San Francisco, CA 94110

Bernal Heights South Slope Organization (2013.1383DRP-05 & 2013.1768DRP-02)

Representative: Kathy Angus

99 Banks Street

San Francisco, CA 94110

Nais Raulet

(2013.1383DRP-06 & 2013.1768DRP-03)

75 Gates Street

San Francisco, CA 94110

www.sfplanning.org

1650 Mission St. Suite 400 San Francisco, CA 94103-2479

Reception: 415.558.6378

Fax:

415.558.6409

Planning Information: 415.558.6377 Gail Newman (2013.1383DRP-07 & 2013.1768DRP-05) 3574 Folsom Street San Francisco, CA 94110

Steven Piccus (2013.1383DRP-08) 3580 Folsom Street San Francisco, CA 94110

Cyrena Torrey Simons & Marcus Sangho Ryu (2013.1383DRP-09 & 2013.1768DRP-04) Representative: Ryan Patterson, Zacks & Freedman 55 Gates Street San Francisco, CA 94110

Bernal Heights East Slope Design Review Board (2013.1383DRP-10 & 2013.1768DRP-09) Representative: Terry Milne 321 Rutledge Street San Francisco, CA 94110

Linda Ramey (2013.1768DRP) 65 Gates Street San Francisco, CA 94110

Staff Contact:

Richard Sucre - (415) 575-9108

richard.sucre@sfgov.org

ADOPTING FINDINGS RELATED TO NOT TAKING DISCRETIONARY REVIEW OF CASE NOS. 2013.1383DRP, 2013.1383DRP-02, 2013.1383DRP-03, 2013.1383DRP-04, 2013.1383DRP-05, 2013.1383DRP-06, 2013.1383DRP-07, 2013.1383DRP-08, 2013.1383DRP-09, 2013.1383DRP-10, 2013.1768DRP, 2013.1768DRP-02, 2013.1768DRP-03, 2013.1768DRP-04, 2013.1768DRP-05, 2013.1768DRP-06, 2013.1768DRP-07, 2013.1768DRP-08, 2013.1768DRP-09, AND THE APPROVAL OF BUILDING PERMIT APPLICATION NO. 2013.12.16.4322 PROPOSING NEW CONSTRUCTION OF A TWO-AND-ONE-HALF-STORY SINGLE-FAMILY RESIDENCE ON EACH OF THE LOTS AT 3516 FOLSOM STREET (BLOCK 5626 LOT 013) AND 3526 FOLSOM STREET (BLOCK 5626 LOTS 014) WITHIN THE RH-1 (RESIDENTIAL, HOUSE, ONE-FAMILY) ZONING DISTRICT, BERNAL HEIGHTS SPECIAL USE DISTRICT, AND A 40-X HEIGHT AND BULK DISTRICT.

#### **PREAMBLE**

On December 17, 2013, Fabien Lannoye and Anna Limkin filed Building Permit Application Nos. 2013.12.16.4318 & 2013.12.16.4322, which proposes new construction of a two-and-one-half-story single-

SAN FRANCISCO PLANNING DEPARTMENT family residence on each of the lots at 3516 & 3526 Folsom Street within the RH-1 (Residential, House, One-Family) Zoning District, Bernal Heights Special Use District, and a 40-X Height and Bulk District.

On September 1, 2015, Linda Ramey (hereinafter "Discretionary Review (DR) Requestor"), filed an application with the Planning Department (hereinafter "Department") for Discretionary Review (2013.1768DRP) of Building Permit Application No. 2013.12.16.4318.

On September 15, 2015, Sam Orr, on behalf of the neighborhood organization, Bernal Safe & Livable (hereinafter "Discretionary Review (DR) Requestor"), filed an application with the Planning Department (hereinafter "Department") for Discretionary Review (2013.1383DRP & 2013.1768DRP-08) of Building Permit Application Nos. 2013.12.16.4318 & 2013.12.16.4322.

On September 15, 2015, Marilyn Waterman (hereinafter "Discretionary Review (DR) Requestor") filed an application with the Planning Department (hereinafter "Department") for Discretionary Review (2013.1383DRP-02 & 2013.1768DRP-07) of Building Permit Application Nos. 2013.12.16.4318 & 2013.12.16.4322.

On September 15, 2015, Ann Lockett (hereinafter "Discretionary Review (DR) Requestor") filed an application with the Planning Department (hereinafter "Department") for Discretionary Review (2013.1383DRP-03) of Building Permit Application No. 2013.12.16.4322.

On September 15, 2015, Herb Felsenfeld (hereinafter "Discretionary Review (DR) Requestor") filed an application with the Planning Department (hereinafter "Department") for Discretionary Review (2013.1383DRP-04 & 2013.1768DRP-06) of Building Permit Application Nos. 2013.12.16.4318 & 2013.12.16.4322.

On September 15, 2015, Kathy Angus, on behalf of the neighborhood organization, Bernal Heights South Slope Organization (hereinafter "Discretionary Review (DR) Requestor"), filed an application with the Planning Department (hereinafter "Department") for Discretionary Review (2013.1383DRP-05 & 2013.1768DRP-02) of Building Permit Application Nos. 2013.12.16.4318 & 2013.12.16.4322.

On September 15, 2015, Nais Raulet (hereinafter "Discretionary Review (DR) Requestor") filed an application with the Planning Department (hereinafter "Department") for Discretionary Review (2013.1383DRP-06 & 2013.1768DRP-03) of Building Permit Application Nos. 2013.12.16.4318 & 2013.12.16.4322.

On September 15, 2015, Gail Newman (hereinafter "Discretionary Review (DR) Requestor") filed an application with the Planning Department (hereinafter "Department") for Discretionary Review (2013.1383DRP-07 & 2013.1768DRP-05) of Building Permit Application Nos. 2013.12.16.4318 & 2013.12.16.4322.

On September 15, 2015, Steven Piccus (hereinafter "Discretionary Review (DR) Requestor") filed an application with the Planning Department (hereinafter "Department") for Discretionary Review (2013.1383DRP-08) of Building Permit Application No. 2013.12.16.4322.

On September 15, 2015, Cyrena Torrey Simons and Marcus Sangho Ryu (hereinafter "Discretionary Review (DR) Requestor") filed an application with the Planning Department (hereinafter "Department") for Discretionary Review (2013.1383DRP-09 & 2013.1768DRP-04) of Building Permit Application Nos. 2013.12.16.4318 & 2013.12.16.4322.

On September 15 & September 16, 2015, Terry Milne, on behalf of the neighborhood organization, Bernal Heights East Slope Design Review Board (hereinafter "Discretionary Review (DR) Requestor"), filed an application with the Planning Department (hereinafter "Department") for Discretionary Review (2013.1383DRP-10 & 2013.1768DRP-09) of Building Permit Application Nos. 2013.12.16.4318 & 2013.12.16.4322.

On July 8, 2016, the Project was determined to be exempt from the California Environmental Quality Act ("CEQA") as a Class 3 Categorical Exemption under CEQA as described in the determination contained in the Planning Department files for this Project.

On October 13, 2016, the San Francisco Planning Commission (hereinafter "Commission") conducted a duly noticed public hearing at a regularly scheduled meeting on Discretionary Review Applications 2013.1383DRP-10 & 2013.1768DRP-09.

The Commission has heard and considered the testimony presented to it at the public hearing and has further considered written materials and oral testimony presented on behalf of the applicant, Department staff, and other interested parties.

#### **ACTION**

The Commission hereby does not take Discretionary Review requested in Case Nos. 2013.1383DRP-10 & 2013.1768DRP-09, and approves Building Permit Application Nos. 2013.12.16.4318 & 2013.12.16.4322.

The reasons that the Commission took the action described above include:

- 1. The Commission found no extraordinary or exceptional circumstances in the case.
- The Commission determined that no modifications to the project were necessary and they instructed staff to approve the project per plans marked Exhibit A on file with the Planning Department.

SAN FRANCISCO PLANNING DEPARTMENT APPEAL AND EFFECTIVE DATE OF ACTION: Any aggrieved person may appeal this Building Permit Application to the Board of Appeals within fifteen (15) days after the date the permit is issued. For further information, please contact the Board of Appeals at (415) 575-6881, 1650 Mission Street # 304, San Francisco, CA, 94103-2481.

I hereby certify that the Planning Commission did not take Discretionary Review and approved the building permits with conditions as reference in this action memo on October 13, 2016.

Jonas P. Ionin

Commission Secretary

AYES:

Fong, Hillis, Johnson, Koppel, Melgar, Moore, and Richards

NAYS:

None

ADOPTED:

October 13, 2016

CASE NUMBER: For Staff Use only

### **APPLICATION FOR**

# Board of Supervisors Appeal Fee Waiver

APPLICANT NAME:

Kathy Lucys, Co-chair BHSSO

APPLICANT ADDRESS:

QQ Banks St.

See below

MEIGHBORHOOD ORGANIZATION NAME:

Bernal Heighbs So. Slope org.

NEIGHBORHOOD ORGANIZATION ADDRESS:

Some as allowe

HIS war-4568

EMAIL:

Kathyangus as the some as allowe

PROJECT ADDRESS:

BUILDING PERMIT APPLICATION NO.:

2013.1383 ENV

2013.12.16.4322

#### 2. Required Criteria for Granting Waiver

(All must be satisfied; please attach supporting materials)

- The appellant is a member of the stated neighborhood organization and is authorized to file the appeal on behalf of the organization. Authorization may take the form of a letter signed by the President or other officer of the organization.
- The appellant is appealing on behalf of an organization that is registered with the Planning Department and that appears on the Department's current list of neighborhood organizations.
- The appellant is appealing on behalf of an organization that has been in existence at least 24 months prior to the submittal of the fee waiver request. Existence may be established by evidence including that relating to the organization's activities at that time such as meeting minutes, resolutions, publications and rosters.
- The appellant is appealing on behalf of a neighborhood organization that is affected by the project and that is the subject of the appeal.

Application received by Planning I	Department:		
Ву:		Date:	
Submission Checklist:			
<ul><li>□ APPELLANT AUTHORIZATION</li><li>□ CURRENT ORGANIZATION RE</li><li>□ MINIMUM ORGANIZATION AG</li><li>□ PROJECT IMPACT ON ORGAN</li></ul>	E		
WAIVER APPROVED	☐ WAIVER DENIED		



For Department Use Only

Call or visit the San Francisco Planning Department

#### Central Reception

1650 Mission Street, Suite 400 San Francisco CA 94103-2479

TEL: 415.558.6378 FAX: 415.558.6409

WEB: http://www.sfplanning.org

#### Planning Information Center (PIC)

1660 Mission Street, First Floor San Francisco CA 94103-2479

TEL: 415.558.6377

Planning staff are available by phone and at the PIC counter. No appointment is necessary.

LAWRENCE J. NELSON

KATHLEEN R. ANGUS

415-282-9323
99 BANKS STREET
SAN FRANCISCO, CA 94110

Pay To
The Order Of
The Order Of

WELLS FARGO BANK, N.A.

CALIFORNIA
WELLSFARGO.COM
FOX BASELER

FOX BASELER

TO BASELER

TO BASELER

MELSFARGO.COM

FOX BASELER

MELSFARGO.COM

FOX BASELER

TO BASELER

TO BASELER

MELSFARGO.COM

TO BASELER

MELSFARGO.COM

FOX BASELER

MELS

#### Carroll, John (BOS)

From:

Carroll, John (BOS)

Sent:

Friday, January 13, 2017 3:55 PM

To:

ryan@zfplaw.com; Fabien@novadesignsbuilds.com; fabien@bluorange.com; Olson, Charles Givner, Jon (CAT); Stacy, Kate (CAT); Byrne, Marlena (CAT); Rahaim, John (CPC); Sanchez, Scott (CPC); Gibson, Lisa (CPC); Starr, Aaron (CPC); Rodgers, AnMarie (CPC); Horner, Justin (CPC); Sucre, Richard (CPC); Ionin, Jonas (CPC); Calvillo, Angela (BOS); Somera, Alisa (BOS); Lew, Lisa (BOS); BOS-Supervisors; BOS-Legislative Aides; Smith, Diana; Lee, Carolyn; 'ifogarty@sonic.net'; 'iwallace@jaywallaceassociates.com'; Betzy Lesser; Herb

Felsenfeld; BOS Legislation. (BOS)

Subject:

Supplemental Appeal Response - Appeal of Exemption Determination - Proposed Project at

3516-3526 Folsom Street - Appeal Hearing on January 24, 2017

Good afternoon,

Please find linked below appeal responses received by the Office of the Clerk of the Board from the Project Sponsor, concerning the Exemption Determination Appeal for the proposed project at 3516-3526 Folsom Street.

Project Sponsor Appeal Response - January 13, 2017

The appeal hearing for this matter is scheduled for a 3:00 p.m. special order before the Board on January 24, 2017.

I invite you to review the entire matter on our Legislative Research Center by following the link below:

Board of Supervisors File No. 161278

Regards,

John Carroll
Legislative Clerk
Board of Supervisors
San Francisco City Hall, Room 244
San Francisco, CA 94102
(415)554-4445 - Direct | (415)554-5163 - Fax
john.carroll@sfgov.org | bos.legislation@sfgov.org

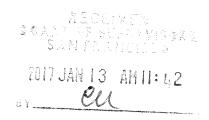


Click here to complete a Board of Supervisors Customer Service Satisfaction form.

The <u>Legislative Research Center</u> provides 24-hour access to Board of Supervisors legislation and archived matters since August 1998.

Disclosures: Personal information that is provided in communications to the Board of Supervisors is subject to disclosure under the California Public Records Act and the San Francisco Sunshine Ordinance. Personal information provided will not be redacted. Members of the public are not required to provide personal identifying information when they communicate with the Board of Supervisors and its committees. All written or oral communications that members of the public submit to the Clerk's Office regarding pending legislation or hearings will be made available to all members of the public for inspection and copying. The Clerk's Office does not redact any information from these submissions. This means that personal information—including names, phone numbers, addresses and similar information that a member of the public elects to submit to the Board and its committees—may appear on the Board of Supervisors website or in other public documents that members of the public may inspect or copy.

THE TRANSAMERICA PYRAMID
600 MONTGOMERY STREET, 14TH FLOOR SAN FRANCISCO, CALIFORNIA 94111
TEL 415 981 0550 FAX 415 981 4343 WEB lubinolson.com



January 13, 2017

CHARLES R. OLSON
Direct Dial: (415) 955-5020
E-mail: colson@lubinolson.com

### **VIA HAND DELIVERY**

President London Breed c/o Angela Calvillo, Clerk of the Board San Francisco Board of Supervisors 1 Dr. Carlton B. Goodlett Place City Hall, Room 244 San Francisco, CA 94102

RE: Appeal of CEQA Categorical Exemption Determination

Planning Case No. 2013.1383ENV

Building Permit Application Nos. 2013.12.16.4318 and 2013.12.16.4322

3516-3526 Folsom Street ("Project Site")

Dear President Breed and Honorable Members of the Board of Supervisors:

This firm represents two couples, Fabien Lannoye and Anna Limkin, and James and Patricia Fogarty (collectively, the "Project Sponsors"), who are the owners respectively of two vacant lots zoned for residential use located at 3516 and 3526 Folsom Street, upon which they propose to build two single-family homes and construct the foot-long adjacent "paper street" segment of Folsom Street to provide vehicular and pedestrian access to the site (the "Project"). This letter supplements our prior letter to the Board dated December 2, 2016, in order to address one additional issue not previously briefed in connection with the referenced appeal scheduled to be heard on January 24, 2017.

Appellants claim without any legal or factual support that the proximity of the Project to PG&E Pipeline #109 constitutes "unusual circumstances" precluding reliance on a Class 3 Categorical Exemption. Both the July 8, 2016 Categorical Exemption determination ("2016 Determination") and the Planning Department's response to Appellants' CEQA challenge dated December 5, 2016 ("Planning Department's Response") find otherwise based on substantial evidence in the record. For example, both the 2016 Determination and the Planning Department's Response indicate that "the presence of a gas transmission pipeline beneath areas adjacent to residential development is not unusual in San Francisco or throughout the state because residential homes are commonly served by gas lines." (2016 Determination, p. 4 and Planning Department's Response, p. 5). In fact, PG&E Pipeline #109's "alignment takes it through a variety of residential neighborhoods in the southeast area of the City, and other similar pipelines run beneath streets, in

other areas of the city." (2016 Determination, p. 4). The Planning Department's Response further addresses the Appellants' argument that the Project is located in a High Consequence Area, stating that "A High Consequence Area is defined under the Code of Federal Regulation and includes any urbanized area, including the entire area of the City and County of San Francisco and nearly all of the urbanized areas in the San Francisco Bay Area. As gas transmission pipelines run under streets and roads throughout urbanized parts of the Bay Area, it is not a unique circumstance for a pipeline to run through a High Consequence Area." (Planning Department's Response, p. 5). Moreover, "PG&E natural gas lines run under a number of small and large streets in San Francisco that have experienced, and will continue to experience, maintenance that includes earth movement, excavation and related work in proximity to a natural gas transmission line." (Planning Department's Response, p. 7).

One crucial point that the 2016 Determination and the Planning Department's Response do not address is that if the Board requires the Project to undergo more extensive environmental review due to the Project's proximity to the PG&E gas transmission pipeline, then a legal precedent will be established that all future public (including City projects) and private development, maintenance and repair activities conducted close to a gas transmission pipeline (which is nearly all of San Francisco) will also need to prepare mitigated negative declarations or environmental impact reports prior to commencing any work. This will prove to be extremely expensive and inefficient, and will delay the development of many projects.

Even if the Project were required to prepare a mitigated negative declaration or an environmental impact report, any required mitigation measures would simply duplicate PG&E best practices, as described in the 2016 Determination. The 2016 Determination already outlines that PG&E safety practices for construction projects near PG&E pipelines are required by law, and that these practices apply in the case of both housing construction and road improvements anywhere in San Francisco adjacent to a gas transmission pipeline. (2016 Determination, p. 5). These PG&E practices are specifically in place to ensure construction activities do not substantially affect underground services, including natural gas pipelines. (2016 Determination, p. 5). Thus, these PG&E regulations and other existing laws already ensure that no significant environmental effect would occur from construction in proximity to PG&E's pipelines. Further environmental review would therefore lead to a wasteful and redundant conclusion.

Appellants have sought to delay the Project time and time again. There is no possibility that the Project would have a significant effect on the environment due to unusual circumstances with regards to the presence of the PG&E pipeline. The Project Sponsors once again respectfully request that the Board reject this appeal and uphold the Planning Department's 2016 Determination.

Sincerely,

Charles R. Olson

Tardyn Lee on bihalf of Charles Olson

cc: Fabien Lannoye and Anna Limkin James Fogarty and Patricia Fogarty THE TRANSAMERICA PYRAMID 600 MONTGOMERY STREET, 14TH FLOOR SAN FRANCISCO, CALIFORNIA 94111 TEL 415 981 0550 FAX 415 981 4343 WEB lubinolson.com

December 13, 2016

CHARLES R. OLSON Direct Dial: (415) 955-5020 E-mail: colson@lubinolson.com

### VIA ELECTRONIC MAIL

President London Breed c/o Angela Calvillo, Clerk of the Board San Francisco Board of Supervisors 1 Dr. Carlton B. Goodlett Place City Hall, Room 244 San Francisco, CA 94102

Request for Continuance: Appeal of CEQA Categorical Exemption Determination RE:

Planning Case No. 2013.1383ENV

Building Permit Application Nos. 2013.12.16.4318 and 2013.12.16.4322

3516-3526 Folsom Street ("Project Site")

Dear President Breed and Honorable Members of the Board of Supervisors:

This firm represents Fabien Lannoye and Anna Limkin, and James and Patricia Fogarty (collectively, the "Project Sponsors"), in the above-referenced appeal. With the concurrence of the appellants, we are writing to respectfully request a continuance of the Board of Supervisors' hearing on this appeal, which is Agenda Items 44-46 on tonight's Special Order calendar. The parties have agreed to jointly request and observe this continuance, and request that the hearing be continued to January 24, 2017.

Sincerely,

Charles R. Olson

AGREED:

ZACKS, EREEDMAN & PATTERSON, PC

Ryan J. Patterson

Counsel for Appellants Herb Telsenfeld

+ Gail Newman

I confirm that all appellants consent to this continuance

to January 24 or the next available date thereofter.

cc: Fabien Lannoye and Anna Limkin James Fogarty and Patricia Fogarty Justin Horner Brent Jalipa, Legislative Clerk John Carroll, Legislative Clerk

### Carroll, John (BOS)

From: Carroll, John (BOS)

Sent: Tuesday, December 13, 2016 11:56 AM

**To:** ryan@zfplaw.com; Fabien@novadesignsbuilds.com; fabien@bluorange.com; Olson, Charles **Cc:** Givner, Jon (CAT); Stacy, Kate (CAT); Byrne, Marlena (CAT); Rahaim, John (CPC); Sanchez,

Scott (CPC); Gibson, Lisa (CPC); Starr, Aaron (CPC); Rodgers, AnMarie (CPC); Horner, Justin (CPC); Sucre, Richard (CPC); Ionin, Jonas (CPC); Calvillo, Angela (BOS); Somera, Alisa (BOS); Lew, Lisa (BOS); BOS-Supervisors; BOS-Legislative Aides; Smith, Diana; Lee, Carolyn; 'jfogarty@sonic.net'; 'jwallace@jaywallaceassociates.com'; Betzy Lesser; Herb

Felsenfeld; BOS Legislation, (BOS)

Subject: SUPPLEMENTAL APPEAL EXHIBITS - Appeal of Exemption Determination - Proposed

Project at 3516-3526 Folsom Street - Appeal Hearing on December 13, 2016

Categories: 161278

Good late morning,

Please find an additional supplemental appeal exhibits linked below, received this morning by the Office of the Clerk of the Board from the Appellant, concerning the Exemption Determination Appeal for the proposed project at 3516-3526 Folsom Street.

Appellant Supplemental Appeal Exhibits - December 13, 2016

The appeal hearing for this matter is scheduled for a 3:00 p.m. special order before the Board today, December 13, 2016.

I invite you to review the entire matter on our Legislative Research Center by following the link below:

Board of Supervisors File No. 161278

Regards,

John Carroll
Legislative Clerk
Board of Supervisors
San Francisco City Hall, Room 244
San Francisco, CA 94102
(415)554-4445 - Direct | (415)554-5163 - Fax
john.carroll@sfgov.org | bos.legislation@sfgov.org



Click here to complete a Board of Supervisors Customer Service Satisfaction form.

The Legislative Research Center provides 24-hour access to Board of Supervisors legislation and archived matters since August 1998.

Disclosures: Personal information that is provided in communications to the Board of Supervisors is subject to disclosure under the California Public Records Act and the San Francisco Sunshine Ordinance. Personal information provided will not be redacted. Members of the public are not required to provide personal identifying information when they communicate with the Board of Supervisors and its committees. All written or oral communications that members of the public submit to the Clerk's Office regarding pending legislation or hearings will be made available to all members of the public for inspection and copying. The Clerk's Office does not redact any information from these submissions. This means that personal information—including names, phone numbers, addresses and similar information that a member of the public elects to submit to the Board and its committees—may appear on the Board of Supervisors website or in other public documents that members of the public may inspect or copy.



### 582 MARKET ST. SUITE 1800 SAN FRANCISCO, CA 94104

T: 415.391.9633 F: 415.391.9647

www.garavaglia.com

12 December 2016

RE: 3516 / 26 Folsom Street

To whom it may concern,

The rendering (Exhibit A) depicting the North side of 3516 Folsom Street (view looking South) was prepared in an appropriate manner. Fixed-length story poles were used to establish the proposed building height in a photograph (Exhibit B) and then a sketch of the proposed project was overlaid to provide an accurate rendition of the project as it would be seen from Bernal Heights Blvd. The story poles were placed by measuring off known property corners. All dimensions were taken from the Project Sponsors drawings.

The proposed design will block a public viewshed from a public street and over City- owned property- one of the last panoramic views of the Bay and valley from the South side of Bernal Heights Blvd.

It is interesting to note that the Project's grading / topography and building height elevation data points coincide with a Department of Public Works topographic map (Exhibit C) for the area. The elevation of Bernal Heights Blvd. adjacent to the proposed project aligns with or is below the top of the new building - thus blocking the view from a vantage point on Bernal Heights Blvd. adjacent to the new building.

Also, from my review of the drawings, the driveway design will not be maneuverable for most cars across this area w/o bottoming out. The uphill side of the driveway slopes down at a 38% grade - the City's DPW recommends (or may limit) that to 25%. This would also need transition ramps of about 10%. If they were to raise the building out of the ground they may be better able to accomplish getting cars into the garage. This of course will make the building even higher. Being auto access is so limited by the steep slopes and extreme warping, the project ostensibly is not providing parking. The Folsom Street extension itself calcs out to about a 36% grade - one of the steepest in San Francisco.

Sincerely,

Michael Garavaglia, A.I.A., LEED AP BD+C President, Garavaglia Architecture, Inc.

### MICHAEL GARAVAGLIA, AIA, LEED AP BD+C

PRINCIPAL-IN-CHARGE, PRESERVATION ARCHITECT (LIC. C14833) Exceeds Secretary of the Interior Professional Qualifications Standards – Historic Architecture

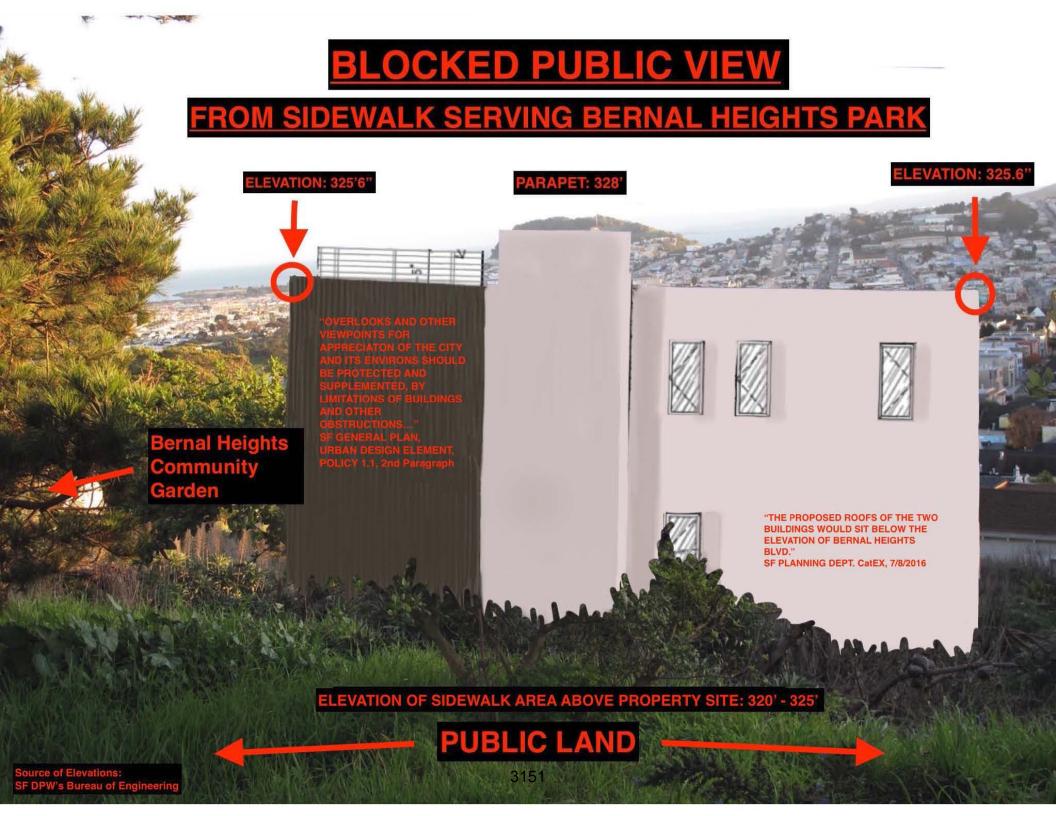
With more than 30 years of experience in the architectural profession and as principal, Mr. Garavaglia leads the firm with preservation architectural services that respond to the specific needs of cultural resources and their environment. He believes strongly in the role of sustainability in historical rehabilitation, its merit in economic development, and the significance of retaining cultural resources for local communities. He seeks opportunities for creative teaming in his staff and consultants to create the most responsive team for each unique project and client. He directs his firm to constantly evolve its preservation services and work products to maintain the relevance and quality control of the firm's work. As such, a preservation project delivery methodology integrating historical knowledge in the design process is key. His work with the preservation community, primarily through involvement with the California Preservation Foundation, focuses on organizational involvement, educational programs, and stewardship development.

Mr. Garavaglia received his professional Bachelor of Architecture degree from California State Polytechnic University at San Luis Obispo, which included a special study program in Historic Preservation. He is a LEED Accredited Professional with specialization in Building Design and Construction, a Conservation Assessment Program (CAP) Assessor, and he is listed in the Heritage Preservation database maintained by the National Institute for Conservation. Mr. Garavaglia is licensed to practice architecture in California, is a qualified Historic Architect with the California Historical Resources Information System (CHRIS) and Nevada SHPO, and is a member of the American Institute of Architects (AIA). Mr. Garavaglia has been included in several publications including *Northern California Home & Garden, Architectural Record*, and the *San Francisco Chronicle*.

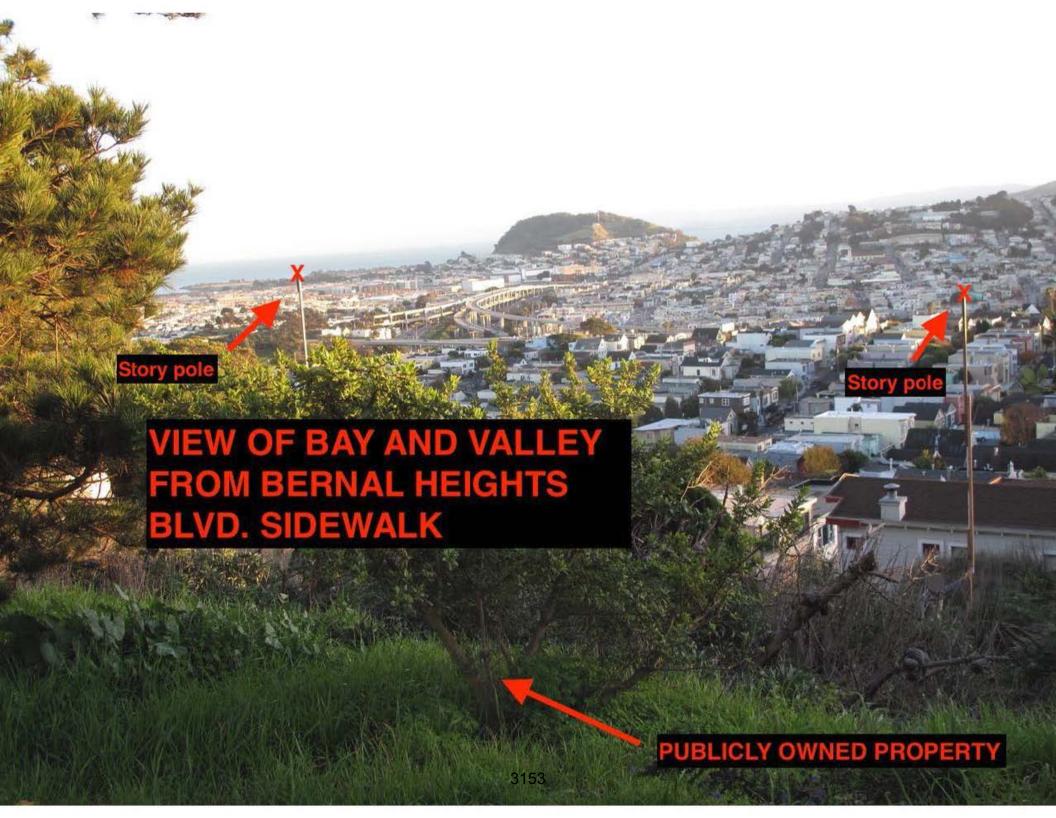
Select projects with his major technical and management involvement for historic building rehabilitation projects and reports include:

- State of California Department of Parks and Recreation, Multiple Projects for the Northern District Service Center, CA
- Angel Island Immigration Station Rehabilitation, Angel Island State Historic Park, CA
- As-Needed Preservation Services for San Francisco City Hall and Civic Center Campus, San Francisco, CA
- Hangar One Conditions Assessment and Rehabilitation Plan, U.S. Naval Air Station, Moffett Field, Mountain View, CA
- Lorenz Hotel, Redding, CA
- Columbia State Historic Park: Cultural Landscape Report and Burns Cottage Condition Assessment Report, Columbia State Historic Park and National Historic Landmark District
- Palo Alto History Museum, Palo Alto, CA
- Bodie Benton Depot, Bodie State Historic Park, CA
- Presidio Post Chapel Feasibility Study, Presidio of San Francisco, CA
- Doyle Drive Building Relocation Study and Historic Structures Reports, Presidio of San Francisco National Landmark District Buildings 201, 204 and 228, San Francisco, CA
- 450 McAllister Street Window Assessment, San Francisco, CA

## Exhibit A



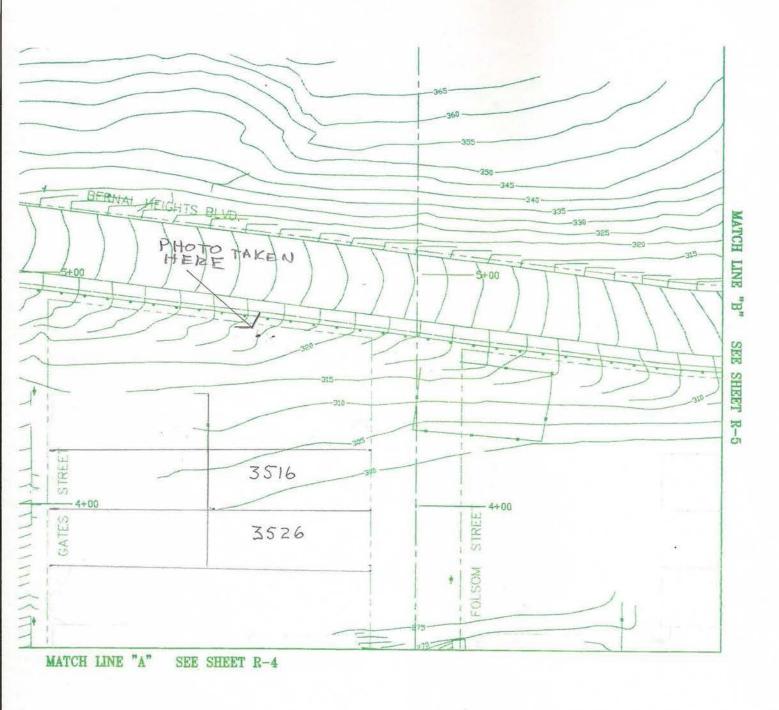
## Exhibit B



## Exhibit C

### ELEVATIONS

BERNAL HEIGHTS BLUD FOLSOM STREET





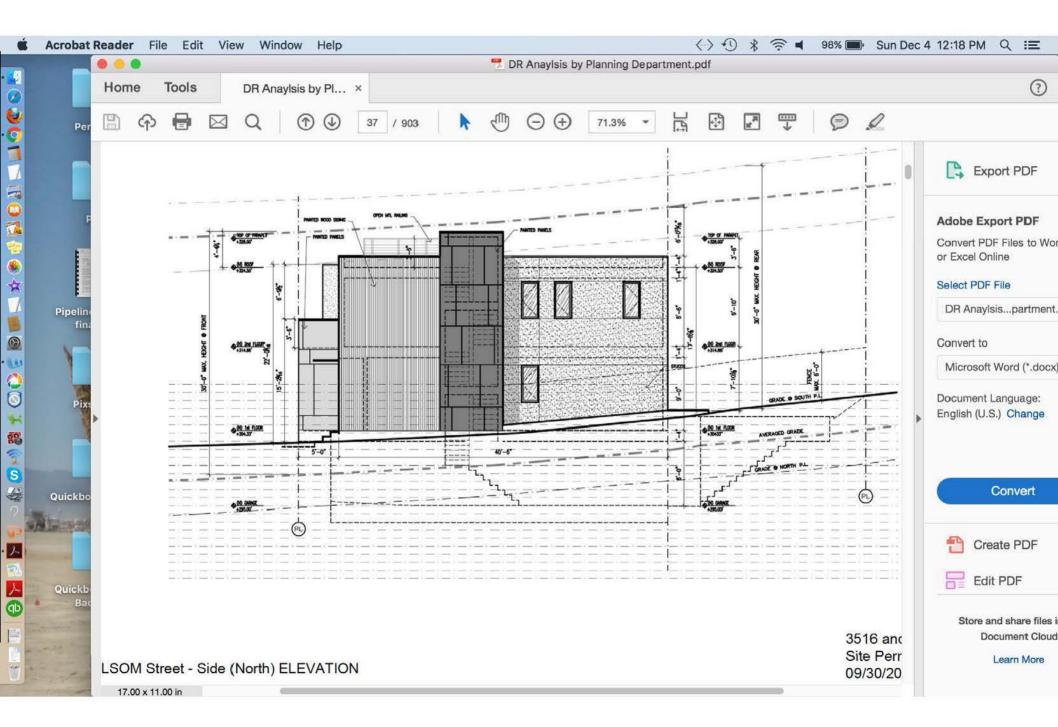
DESIGNED: DATE: NK 10/98 APPROVED

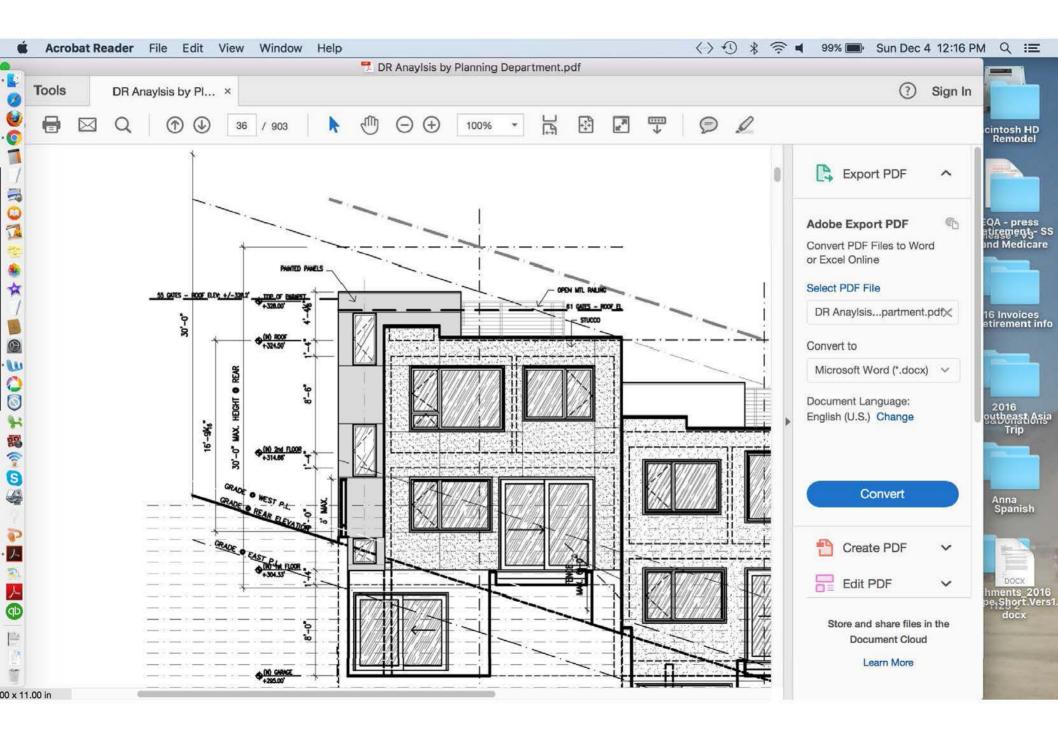
## Exhibit D

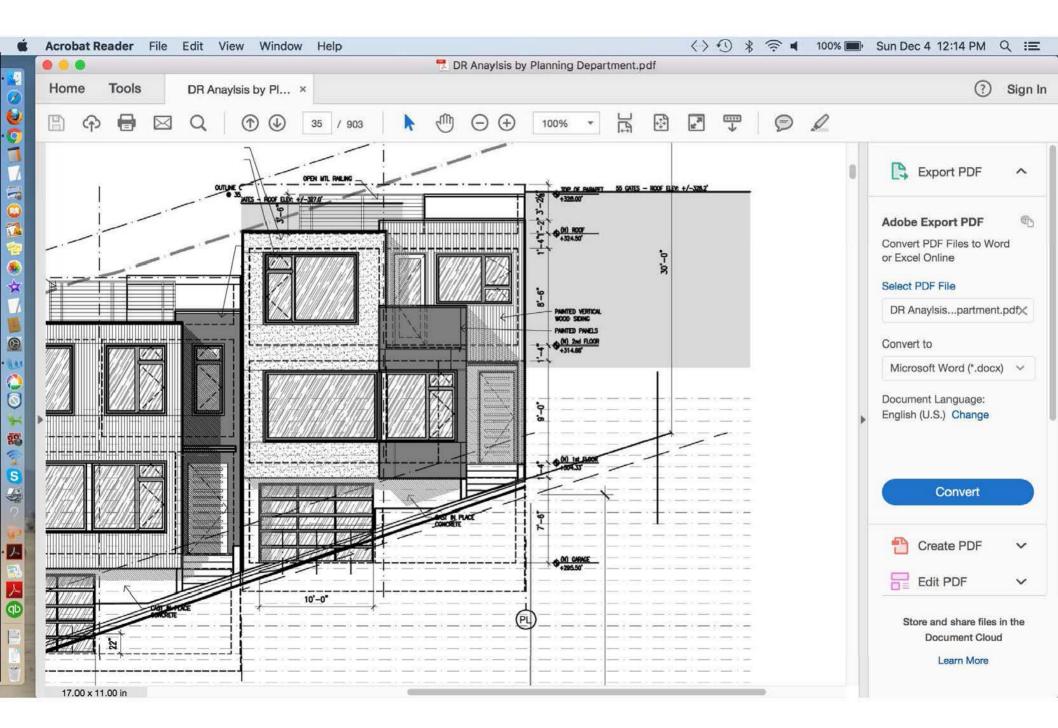
### METHODOLOGY FOR USING STORY POLES ON 3516 NORTH ELEVATION by Marilyn Waterman

- 1) I REFERRED TO SUBMITTED BLUEPRINTS AND HAD TWO PEOPLE DOUBLE CHECK MEASUREMENTS.
- 2) EASTERN CORNER OF HOUSE OF NORTH ELEVATION WAS MEASURED AT 23'4".
- 3) WESTERN CORNER OF HOUSE OF NORTH ELEVATION WAS MEASURED AT 19.1"
- 4) WE DID NOT INCLUDE ANY OTHER ASPECT OF HOUSE IN MEASUREMENT EXCEPT NORTH ELEVATION CORNERS AND MADE EVERY ATTEMPT TO BE ACCURATE.
- 5) WE MEASURED 24'6" FROM BACK FENCE AND SET FIRST STORY POLE. WE USED FENCE PROPERTY LINE OF ABUTTING HOUSE AS GUIDE FOR NORTH PROPERTY LINE.
- 6) FIRST STORY POLE WAS HELD APROXIMATELY FIVE FEET INSIDE PROPERTY LINE TO ACCOUNT FOR BLUE PRINT DESIGN SET BACK WHILE TRYING NOT TO STEP ON PROPERTY.
- 7) USING FENCE LINE OF ABUTTING HOUSE AS GUIDE, 40'6' WAS MEASURED FROM WESTERN STORY POLE TO EASTERN STORY POLE.
- 8) PICTURE WAS TAKEN WITH STORY POLES.
- 9) GRAPHIC ARTIST USED DEVELOPER'S RENDITION OF NORTH ELEVATION AND SUPERIMPOSED IT OVER PICITURE, USING STORY POLES AS A GUIDE.

Dec. 11, 2016







### Jalipa, Brent (BOS)

From: BOS Legislation, (BOS)

Sent: Monday, December 12, 2016 1:26 PM

**To:** ryan@zfplaw.com; Fabien@novadesignsbuilds.com; fabien@bluorange.com; Olson, Charles **Cc:** Givner, Jon (CAT); Stacy, Kate (CAT); Byrne, Marlena (CAT); Rahaim, John (CPC); Sanchez,

Scott (CPC); Gibson, Lisa (CPC); Starr, Aaron (CPC); Rodgers, AnMarie (CPC); Horner, Justin (CPC); Sucre, Richard (CPC); Ionin, Jonas (CPC); Calvillo, Angela (BOS); Somera, Alisa (BOS); Lew, Lisa (BOS); BOS-Supervisors; BOS-Legislative Aides; Smith, Diana; Lee, Carolyn; 'jfogarty@sonic.net'; 'jwallace@jaywallaceassociates.com'; Betzy Lesser; Herb

Felsenfeld; BOS Legislation, (BOS)

Subject: SUPPLEMENTAL APPEAL RESPONSE - Appeal of Exemption Determination - Proposed

Project at 3516-3526 Folsom Street - Appeal Hearing on December 13, 2016

**Categories:** 161281, 161280, 161279, 161278

Good afternoon,

Please find the supplemental appeal response linked below received by the Office of the Clerk of the Board from the Appellant, concerning the Exemption Determination Appeal for the proposed project at 3516-3526 Folsom Street.

Appellant Supplemental Appeal Letter - December 12, 2016 - LARGE FILE

The appeal hearing for this matter is scheduled for a 3:00 p.m. special order before the Board on December 13, 2016.

I invite you to review the entire matter on our Legislative Research Center by following the link below:

Board of Supervisors File No. 161278

Regards,

Brent Jalipa Legislative Clerk

Board of Supervisors - Clerk's Office 1 Dr. Carlton B. Goodlett Place, Room 244 San Francisco, CA 94102 (415) 554-7712 | Fax: (415) 554-5163

(415) 554-7712 | Fax: (415) 554-5163 brent.jalipa@sfgov.org | www.sfbos.org



Click here to complete a Board of Supervisors Customer Service Satisfaction form

Disclosures: Personal information that is provided in communications to the Board of Supervisors is subject to disclosure under the California Public Records Act and the San Francisco Sunshine Ordinance. Personal information provided will not be redacted. Members of the public are not required to provide personal identifying information when they communicate with the Board of Supervisors and its committees. All written or oral communications that members of the public submit to the Clerk's Office regarding pending legislation or hearings will be made available to all members of the public for inspection and copying. The Clerk's Office does not redact any information from these submissions. This means that personal information—including names, phone numbers, addresses and similar information that a member of the public elects to submit to the Board and its committees—may appear on the Board of Supervisors' website or in other public documents that members of the public may inspect or copy.

### ZACKS, FREEDMAN & PATTERSON

A Professional Corporation

2016 DEC 12 AM 11: 49

235 Montgomery Street, Suite 400 San Francisco, California 94104 Telephone (415) 956-8100 Facsimile (415) 288-9755 www.zfplaw.com

December 12, 2016

### VIA HAND DELIVERY AND EMAIL

Angela Calvillo, Clerk of the Board San Francisco Board of Supervisors 1 Dr. Carlton B. Goodlett Place City Hall, Room 244 San Francisco, CA 941 02 bos.legislation@sfgov.org

Re: Appeal of CEQA Categorical Exemption Determination Planning Case No. 2013.1383ENV Building Permit Application Nos. 2013.12.16.4318 & 2013.12.16.4322 3516-3526 Folsom Street ("Project Site")

Dear Ms. Calvillo:

Enclosed, please find the following:

#### Tab #:

- 11. Supplemental report from Rune Storesund, D.Eng., P.E., G.E. regarding public safety risk;
- 12. Additional documentation of risks to gas pipeline at the Project Site;
- 13. List of pipeline ruptures in California since the San Bruno disaster;
- 14. Letters of support for the appeal.

Please kindly include these items with the appeal file.

Thank you.

Very truly yours,

ZACKS, FREEDMAN & PATTERSON, PC

Ryan J. Patterson

Encl.

# Exhibit 11



### Storesund Consulting

154 Lawson Road, Kensington, CA 94707 510-225-5389 (cell) email: rune@storesundconsulting.com

December 11, 2016

SF Board of Supervisors San Francisco City Hall 1 Dr Carlton B Goodlett PI #244 San Francisco, CA 94102

Subject:

Impact to PG&E Transmission Line 109

3516 & 3526 Folsom Street San Francisco, California

Dear President Breed and Honorable Members of the Board of Supervisors,

This letter is in response to a request for an independent assessment of potential damage to the PG&E Transmission Line 109 associated with construction activities of the proposed 3516 & 3526 Folsom Street development. I am a practicing Geotechnical Engineer (CA License Number 2855), I provide gas pipeline risk reviews for the State of California Department of Education, and have participated in forensic engineering projects over the last 10 years with damage claims in excess of \$2 billion and more than 8,000 hour of direct forensic analyses. My most recent engagement was a geotechnical forensic evaluation of the March 2014 Oso Landslide in Washington State, which resulted in the tragic loss of 43 individuals. In addition to private consulting, I am the Executive Director of the Center for Catastrophic Risk Management at UC Berkeley.

This geotechnical review is the requested independent assessment and is based on documents included in the Discretionary Review, Full Analysis by San Francisco Planning Department (dated October 4, 2016) as well as a set of geotechnical reports prepared by Mr. H. Allen Gruen (dated August 3, 2013). I also reviewed the "Categorical Exemption Appeal" (3516-3526 Folsom Street), prepared by the San Francisco Planning Department (dated December 5, 2016) and "Appeal of CEQA Categorical Exemption Determination," prepared by Mr. Charles Olson (dated December 2, 2106).

I previously prepared a letter dated December 1, 2016 that presented my initial review of the proposed project, with respect to potential construction impacts to the PG&E Transmission Line.

Based on the facts associated with the proposed development, it is my expert opinion that a reasonable possibility of a significant effect exists with respect to degradation of the Transmission Line integrity as a result of the required rock excavation to achieve the delineated site grades shown in the project plans.

<u>Fact 1:</u> The proposed developments anticipate excavations on the order of 8-10 feet below grade. (see sheet A-3 from 3516 Folsom Street drawings).

<u>Fact 2</u>: Geotechnical soil borings performed at the site show the presence of chert bedrock at a depth of 3 to 5 feet below grade. See geotechnical reports prepared by Mr. H. Allen Gruen (dated August 3, 2013).



Fact 2: The geotechnical soil borings encountered 'refusal' at a depth of 3 to 5 feet. The borings were not advanced to the target depth of the proposed excavation. Typical geotechnical field exploration programs advance borings past the anticipated depth of structure foundations. This demonstrates that the ground conditions are hard bedrock and not softer soil subsurface conditions.

From 3516 Folsom Geotechnical Report (page 6):

"Bedrock was encountered in our borings at a depth of about 3 to 4 feet below the ground surface. We anticipate that excavations in the upper portion of bedrock at the site can be conducted with conventional equipment, although localized ripping may be required. Excavations extending deeper into the bedrock may require extra effort, such as heavy ripping, hoe-rams, or jack-hammering. We anticipated that the bedrock will become harder and more massive with increasing depth."

<u>Fact 3:</u> Bedrock excavations require heavy excavation equipment or rock blasting. These bedrock excavation techniques result in higher peak ground velocities than conventional soil excavation. Higher peak ground velocities result in increased fatigue on pipelines. Increased fatigue degrades pipeline integrity and results in premature failure of pipelines.

<u>Fact 4</u>: Stress concentrations occur at pipeline elbows. Elbows are located on PG&E Transmission Line 109 as the pipeline goes from a north-south alignment up Folsom Street, to an east-west alignment along Bernal Heights Boulevard. This pipeline bend is immediately adjacent to the proposed construction activity and is susceptible to fatigue-induced failure. (See Figure 1 on page 4 of the San Francisco Planning Department's Certificate of Determination, Exemption from Environmental Review, dated July 8, 2016).

<u>Fact 5</u>: PG&E has not 'cleared' the proposed rock excavation work associated with the development. PG&E is the only organization in a position to analyze the additional fatigue expected to be exerted on the pipeline from the bedrock excavation activity and <u>certify</u> that no appreciable degradation will occur. This pipeline has the potential to catastrophically fail and result in deaths within the blast radius of the pipeline.

To date, PG&E has only said the proposed construction activity would "present no particular issues with respect to patrolling and maintaining the pipeline." (Source: last paragraph, page 4, San Francisco Planning Department's Certificate of Determination, Exemption from Environmental Review, dated July 8, 2016). Being able to patrol a pipeline is very different from monitoring the integrity and time to failure of a major transmission pipeline.

PG&E has stated that "PG&E patrols its gas transmission pipeline at least quarterly to look for indicators of missing pipeline markers, construction activity and other factors that may threaten the pipeline. Line 109 through the neighborhood was last patrolled in May 2014 and everything was found to be normal." (source: Austin Sharp Q&A, Question 8).

Note that this does not address pipeline integrity and additional fatigue to the pipeline as a result of the proposed excavation in bedrock to construct these projects.

Further, PG&E notes that there are three integrity assessments. An in-line inspection allows for identification of metal loss or geometric abnormalities. Direct excavation allows for visual



observation of the pipeline. Pressure testing allows for confirmation that the pipeline can sustain prescribed pressure levels. While PG&E has performed evaluations to ascertain corrosion, this is not representative of the full integrity of the pipeline.

Thus, the unusual circumstance warranting more thorough environmental review is the proposed excavation into bedrock, resulting in enhanced ground velocities resulting in additional fatigue on the PG&E transmission line, which has the possibility to fail catastrophically. The actual integrity of Line 109 has not been characterized by PG&E, nor has the useful serviceable life been established. Based on this setting and the associated uncertainties with respect to actual pipeline integrity, it is my expert opinion that a reasonable possibility of a significant effect exists.

No payments for services have been received and no future promises of compensation have been offered.

I reserve the right to update my independent review based on new information.

Please contact me with any questions or comments by phone at (510) 225-5389 or via email at rune@storesundconsulting.com.

GE 2855

\* G. IOPROFESSIONATE

Sincerely,

STORESUND CONSULTING

Rune Storesund, D.Eng., P.E., G.E. Consulting Engineer

UC Berkeley Center for Catastrophic Risk Management Executive Director

## Exhibit 12

SFGATE http://www.sfgate.com/bayarea/article/PG-E-s-Line-109-also-seen-as-posing-safety-risks-2375453.php

### PG&E's Line 109 also seen as posing safety risks

SAN BRUNO BLAST Missing records, vulnerable welds for pipe from South Bay to S.F.

By Jaxon Van Derbeken Published 4:00 am, Sunday, April 10, 2011

### #1 Reason Men Pull Away

beirresistible.com

The Biggest Mistake Women Make That Kills A Man's Attraction



IMAGE 1 OF 3

An exposed section of PG&E's Line 109 gas transmission pipeline spans a creek on a steep hillside in Redwood City, Calif. on Friday, April 1, 2011.

(Published Apr. 10, 2011)

The other pipeline that Pacific Gas and Electric Co. has long relied on to deliver natural gas up the Peninsula has problems similar to the ruptured line in San Bruno - flawed or missing records and at-risk welds, including 80-year-old technology recognized as prone to earthquake failures, The Chronicle has learned.

Like PG&E transmission Line 132 - the pipe that ruptured and exploded in San Bruno on Sept. 9 - Line 109 runs from Milpitas through the South Bay and Peninsula and up to San Francisco, where it terminates in the Dogpatch neighborhood.

ADVERTISIN

Since the blast that killed eight people and destroyed 38 homes, PG&E has avoided service disruptions in the upper Peninsula by using a part of Line 109 to route gas around the blast site, thus keeping most of Line 132 in service.

Federal investigators have keyed into PG&E's inaccurate records on Line 132 in San Bruno - records that showed the 1956-vintage pipe had no seam when, in fact, it had a flawed seam weld since tied to the rupture. The company vouched for the line's safety using a method in 2009 that wa incapable of finding bad welds.

ADVERTISEMENT

### #1 Reason Men Pull Away

beirresistible.com

The Biggest Mistake Women Make That Kills A Man's Attraction

#### 1 Rule of a flat stomach.

redirectyourcarbs.com

Cut down a bit of stomach fat every day b. using this 1 weird old tip

Line 109 may be equally problematic for the company, documents show. Like all the lines running into San Francisco, PG&E has cut the pressure on Line 109 by 20 percent in the wake of the San Bruno disaster, but experts say that given its questionable state, the cut affords little assurance of

"You don't know the right level of safety to begin with, so you don't know if you are cutting pressure by enough," said Richard Kuprewicz, a pipelir safety expert in Redmond, Wash.

#### Missing records

Perhaps the most damaging revelation about Line 100 came last month when the utility acknowledged that it lacks any records for a 5-mile segment in San Bruno that was installed by 1995. The undocumented segment starts south of the rupture site on Skyline Boulevard at San Bruno Avenue, and heads inland to Junipero Serra Boulevard and hooks up to the old route on Skyline at Hickey Boulevard.

ADVERTISEMENT

### Older Women Haircuts 2015

hair.stylebistro.com

See nictures of the hottest hair

### 1 Tip of a flat belly:

superfatburningfats.com

Cut down a bit of your belly eve day by using this 1 weird old tip

The 5-mile part of the line is among 140 miles of transmission pipe for which PG&E has said it has so far found no documents to prove it is operating safely. PG&E has until the end of August to look for the records as part of a \$3 million fine settlement still pending and slated to be argued Monday before the California Public Utilities Commission.

The undocumented part of the line apparently was installed to route around three active carthquake faults in the area on Skyline Boulevard, PG&I records show. The replacement route is now reflected on PG&E's current maps, but the utility lacks records of construction documents and has no proof that it did legally mandated high-pressure water tests.

UC engineering Professor Bob Bea said the lack of records for a 1995-era project is "astounding."

"To have that long a section of an important pipeline without records on its condition - that would be alarming," he said, "I think we have a problem, Houston."

PG&E has acknowledged that the line has other identified risks, but says it inspected the line in 2009 and found no leaks over the past decade.

PG&E has noted that a 2-mile portion of Line 109 along Alemany Boulevard in San Francisco dates from 1932 and was constructed using oxyacetylene welds, notoriously brittle and susceptible to failure in earthquakes. The at-risk part of the line runs under the street roughly from Sickles Avenue to Rousseau Street.

Oxyacetylene technology - which dates to the early part of the 20th century - is problematic because the hot gases used in the welding process generate bubbles in the welding bond, Bea said.

"It's difficult to get a weld with high integrity," he said. "You end up with a lot of gas and bubbles trapped in the metal."

Kuprewicz added, "Oxyacetylene welds are like glass. They don't bend, they snap. They are very brittle."

Dozens of those welds failed in the 1971 quake in Sylmar (Los Angeles County), according to a 2008 seismic report done for the U.S. Geological Survey on the vulnerability of that kind of weld. The report also found that in the 1989 Loma Prieta quake, PG&E had three transmission line failures involving such welds, and in the 1994 quake in Northridge (Los Angeles County), more than two dozen such welds failed or were damaged

The 2008 report recommended replacement with upgraded pipes, or at least using automatic shutoff valves, pointing out that oxyacetylene welds were almost 100 times more likely to fail in a quake than more modern technology.

PG&E has long downplayed the usefulness of automatic valves, citing industry data showing most blast damage is done in the first 30 seconds of a explosion, but since the San Bruno blast has said it will install them in many high-risk areas.

#### Rehab versus replace

PG&E had been replacing dozens of miles a year of old pipes since 1985 - including the 5-mile reroute near San Bruno - but told regulators in 1995 that it now intended to begin finding ways to rehab old lines rather than replace them.

One of its first efforts in that vein was to install, that year, a plastic liner in Line 109 under Alemany Boulevard that had 1932-vintage oxyacetylene welds. The purpose of the liner was to create an internal membrane to contain any gas release if vulnerable girth welds failed in an earthquake.

PG&E bought the liner from Paltem Systems Inc. of Missouri, and it was touted as being able to withstand pressures up to 900 pounds per square inch. Paltem is not currently in business in the United States.

"The purpose of this project was to install a safe composite lining, in order to provide additional support and protection," PG&E spokesman Joe Molica said about the liner.

Before installing the liner, he said, PG&E had tested that part of the line using high-pressure water. At the time, the company said it would track any leaks and inspect the line a year after installation.

PG&E recently told San Francisco City Attorney Dennis Herrera, who asked for details about the project, that it did an initial camera inspection by did not do a follow-up inspection. PG&E says the inspection could have damaged the liner and there had been no leaks in the past decade.

Inspection aside, experts question the value of the liner in a major quake. Glen Stevick, a Berkeley engineer and pipeline safety expert, said such a interior liner "does provide a lot of flexibility and it can take a certain amount of leakage without rupture."

But, he said, substantial ground movement during a quake could have a "guillotine" action in severing a circumferential weld, slicing the liner in the process.

Doug Honegger, an Arroyo Grande (San Luis Obispo County) consultant on pipeline seismic safety, agreed the liner's value is limited.

"The question is why they put the liner in. If the threat was from large ground movement, I'm not sure the (liner) would be what they needed," he said. "The preferred option would be to replace that section."

#### Vulnerable welds

Still other parts of Line 109 were constructed with low-frequency electric resistance welds, considered vulnerable during normal operations and tied to more than 100 failures nationwide.

PG&E inspected Line 109 in 2009 using a method that was incapable of finding flawed seam welds. Yet two stretches of the line have such welds, according to PG&E records. PG&E officials have said they had been intentionally boosting the pressure on lines with such welds every five years or so since 2003, but stopped the practice after the San Bruno explosion. The company says it had been elevating the pressure because federal regulations - based on peak pressure levels - would otherwise kick in and limit its ability to meet peak demand.

Federal officials say they don't understand why PG&E was boosting pressure on vulnerable lines.

PG&E last spiked the pressure on the San Francisco part of Line 109 on April 12 of last year to 147 pounds per square inch; the line's maximum capacity is 150 psi. It first spiked the pressure on the line in December 2003 to 150 psi. Experts have questioned the safety of the spiking practice on such vulnerable welds, saying they could make them more prone to failure.

#### Portion above ground

Outside San Francisco, at the higher-pressure segment of the line, experts point to another potential problem spot: an above-ground, 50-foot spar where Line 109 crosses a dry creek bed. PG&E inspected the line in 2009 and said any safety concerns were addressed.

But UC Berkeley's Bea said erosion on the creek banks during recent storms could potentially weaken support on either side spanning the creekbed. He worries the line has no underpinnings to support the crossing.

Experts point to the totality of Line 109 problems as warning signs that the older, untested lines in PG&E's system are fraught with potential risks

PG&E had largely stopped replacing old lines by 2000, when it cut back on miles replaced in favor of inspection efforts to assure safety, document show.

"With the age and the risk factors they have, why aren't they judiciously replacing these pipes?" pipeline safety expert Kuprewicz said. "You are playing Russian roulette with a six-shooter, and you have five bullets in the gum."

"I frankly don't feel very comfortable with their whole" system, said Robert Eiber, another pipeline integrity expert. "It's a mess. You need to find out what you have in the ground."

Herrera said he wants to know more about the line before he is satisfied it is safe.

"It's quite clear that we haven't received all the records that would give us that complete confidence," he said. He added that he intends to make every effort to make sure "we are getting the records we need."

E-mail Jaxon Van Derbeken at jvanderbeken@sfchronicle.com.

@ 2015 Hearst Communications, Inc.

HEARST newspapers



Return to Top

About | Our Company Careers Advertising Ad Cholces Terms & Conditions Privacy Policy Your California Privacy Right

Contact | Customer Service Newsroom Contacts

Connect Facebook Twitter Pinterest Google Instagram

® Copyright 2015 Hearst Communications, Inc.

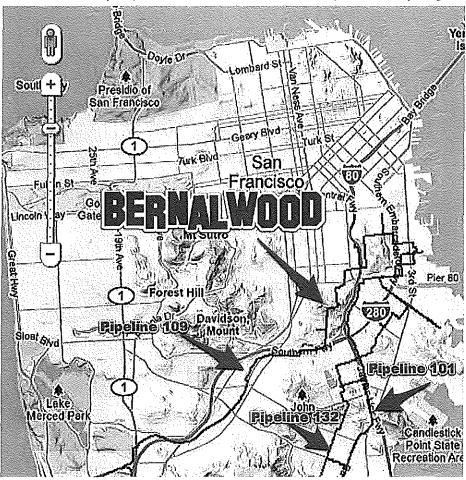
### <u>Bernalwood</u>

Broadcasting from glamorous Bernal Heights, San Francisco (Elev. 443 ft.)

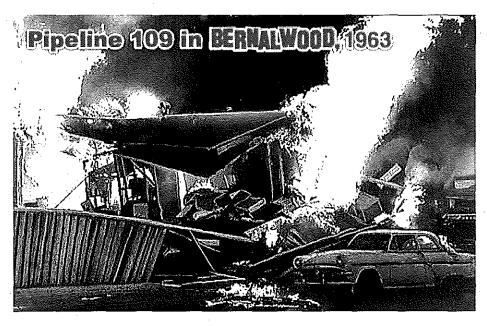
Gulp! Why You Should Be Nervous About a PG&E Gas Pipeline with History of Big Trouble That Runs Through Bernal Heights

OCTOBER 5, 2011OCTOBER 5, 2011 / TODD LAPPIN

Save



(https://bernalwood.files.wordpress.com/2011/09/pgepipeline2c-sf.jpg)



(https://bernalwood.files.wordpress.com/2011/10/1963explosion3bernalwood.jpg)

Did you happen to catch this anxiety-generating bit of news last week regarding the safety of PG&E's gas pipelines? From the <u>San Jose Mercury News (http://www.mercurynews.com/breaking-</u>

12/12/2016

news/ci\_18982471):

More than a year after the San Bruno natural gas explosion (http://en.wikipedia.org/wiki/2010 San Bruno pipeline explosion), PG&E still lacks "a large percentage" of the information it needs to accurately assess its pipeline risks and hasn't taken needed steps to inform the public about its gas lines, according to the National Transportation Safety Commission's final report (http://publicintelligence.net/ntsb-pge-san-bruno-pipelineexplosion-accident-report-september-2011/) on the 2010 disaster released Monday.

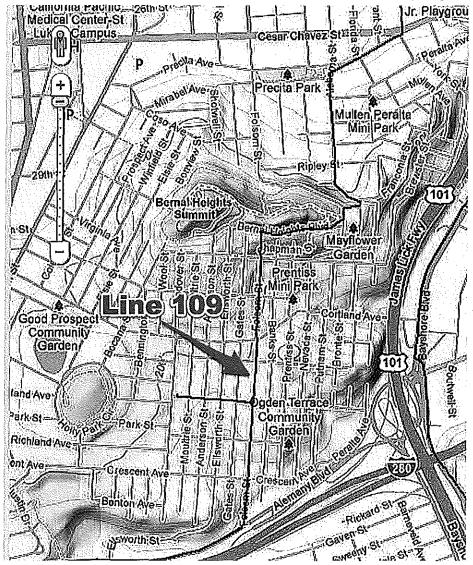
The 153-page report went further than earlier NTSB statements by including a strong warning about PG&E's limited understanding of what other dangers may lurk underground.

Noting that PG&E uses data in a computerized system to gauge the risk posed by its pipelines, the agency said it fears the system contains "a large percentage of assumed, unknown or erroneous information for the Line 132" — the one that erupted in San Bruno — "and likely its other transmission pipelines as well."

In addition, the report — the board's final statement on the San Bruno catastrophe and largely a repetition of previously released documents — scolded PG&E for its continued failure to sufficiently educate the public about its gas lines and the hazards they pose.

In other words, PG&E basically has no idea WTF is going on with its pipelines. Why is that an issue for Bernalwood? Because one of PG&E's worrisome "other transmission pipelines" runs right through Bernal Heights (http://www.pge.com/pipelineplanning/):





(https://bernalwood.files.wordpress.com/2011/09/pgepipelinebernal31.jpg)

The PG&E pipeline that caused in the San Bruno explosion, Line 132, does not run through Bernal Heights. Instead, Bernal is traversed by another pipeline, called Line 109.

The flow of gas within Line 109 runs south to north. As you can see, the line comes in from Alemany and then heads north via Folsom, with an odd dead-end spur that shoots east along Tompkins Ave. At the top of Bernal Hill it traces Bernal Heights Boulevard, before heading down Alabama to Precita and north via York.

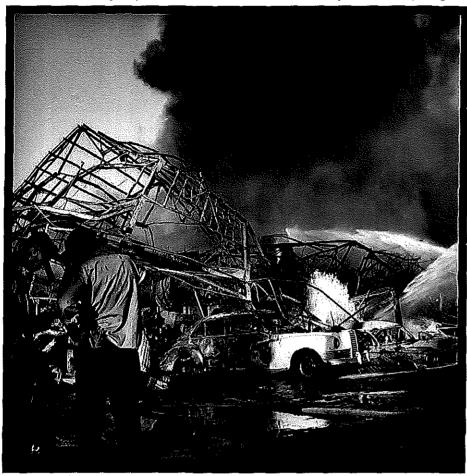
According to a must-read article in the San Francisco Chronicle, Line 109 has a long list of safety concerns and many of the same vulnerabilities as Line 132 (http://www.sfgate.com/cgibin/article.cgi?f=/c/a/2011/04/10/MNRB1IE1T1.DTL&ao=all). Experts point to the totality of Line 109 problems as warning signs that the older, untested lines in PG&E's system are fraught with potential risks.

In the case of Bernal Heights, these concerns are not at all theoretical. Line 109 has caused big big BIG problems here before, most notably in 1963, when a segment the intersection of Nevada and Cresent exploded. Part of it looked like this:



(https://bernalwood.files.wordpress.com/2011/09/1963explosion11.jpg)

And like this:



(https://bernalwood.files.wordpress.com/2011/10/1963explosion2.jpg)

From the San Francisco Chronicle (http://www.sfgate.com/cgibin/article.cgi?f=/c/a/2011/06/25/MNMV1K1FSM.DTL):

A Pacific Gas and Electric Co. gas pipeline running up the Peninsula into San Francisco has a long history of cracked and poorly constructed welds and even exploded once – but it's not the one that blew up in San Bruno last year.

The pipeline is known as Line 109, and it failed disastrously in 1963 in the Bernal Heights neighborhood in San Francisco. The blast injured nine firefighters and led to the heart-attack death of a battalion chief. [...]

Line 109's problems first came to everyone's attention almost 50 years ago.

On Jan. 2, 1963, the transmission pipe sprang a leak under Alemany Boulevard in San Francisco. About 1,000 homes were evacuated as firefighters rushed in to help.

Before PG&E crews turned off the line, gas spread to a nearby home, which exploded. Two of the nine injured firefighters were critically hurt, and Battalion Chief Frank Lamey, 63, died of a heart attack.

One of those critically injured was Anthony Marelich Jr. In an interview last week, he said PG&E had left the line active during the evacuation to avoid cutting off thousands of other customers and believed the gas was safely venting into the atmosphere.

Instead, it was filling a house on Nevada Street. Marelich said he had been standing with several firefighters when the home blew up and a wall "landed on top of me."

"It was instantaneous," said Marelich, now 73. His face was crushed, and doctors gave him almost no chance to survive.

He was forced to retire the next year, having lost several teeth and his sense of smell. Surgeons had to wire his jaw back on.

"Safety, right now, is in the limelight because of San Bruno," Marelich said, adding that he thinks PG&E should have paid a steep price for the 1963 blast, "but they never showed any blame for it."

"What happened to me and what happened to those people down in San Bruno, it should never have happened," Marelich said.

Put another way, here's a question we all should ask: In light of the NTSB's staggering revelations about PG&E's incompetent management of its gas pipeline network, what are the company and City officials doing to make sure it doesn't happen in Bernal Heights... again?



(https://bernalwood.files.wordpress.com/2011/10/bernalfamily-1963.jpg)

IMAGES: Pipeline maps, <u>PG&E (http://www.pge.com/pipelinelocations/)</u>; 1963 photos, <u>San Francisco Chronicle (http://www.sfgate.com/cgibin/article.cgi?f=/c/a/2011/06/25/MNMV1K1FSM.DTL)</u>

Accident or Ill Fortune, Geography, History, Infrastructure

21 thoughts on "Gulp! Why You Should Be Nervous About a PG&E Gas Pipeline with History of Big Trouble That Runs Through Bernal Heights"

#### 1. jenniferkeith64

OCTOBER 5, 2011 AT 10:31

Thanks for completely freaking me out! I live along the pipeline. I know there is a PG&E engineer that lives along the pipeline also, so I figured I wouldn't panic as long as he didn't. Hmmm....

### **Gas Leak At Noe & Hill Streets Forces Evacuation**



Thu. December 8, 2016, 1:33pm



by Brittany Hopkins @britthopkins (http://twitter.com/britthopkins)



neighborhoods
Noe Valley (/neighborhoods/noe-valley)



location
Hill & Noe Streets, San Francisco, CA







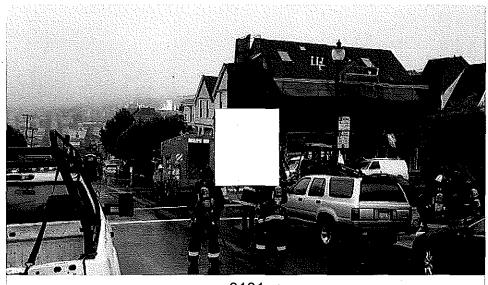
(/ads/26/80/2)

PG&E secured a gas leak this afternoon that briefly forced residents at Noe and Hill streets to evacuate or shelter in place.

According to the SFFD's latest tweet, PG&E secured the gas leak around 1:16pm.



Just 15 minutes before, the SFFD called for residents and businesses on the 800-850 block of Noe Street and the 500 block of Hill Street to evacuate the area. Anyone on the 700 block of Noe was told to shelter in place.





Follow

#1208GL1 UPDATE GAS LEAK PGE SFFD SFPD ON SCEEN 500 block of hill and 700 block of NOE EVACUATION ORDER MEDIA STAGE 21st Noe PIO ONSCENE

12:58 PM - 8 Dec 2016

8

Neither agency has reported the cause of the gas leak. Although, photos tweeted from the scene suggest that it may have taken place at a home currently under construction on the corner.

The SFFD reports (https://twitter.com/sffdpio/status/806971280511483904) that there were no injuries and no residents have been displaced, but traffic delays in the will likely continue throughout the next hour.

HOODLINE	OUR PRODUCTS	FOLLOW
About us	News	Sign up (/signup)   Log in
Company blog	Send us a tip	(/login? return_to=%2F2016%2F12%2F
Write for us	Events	leak-at-noe-hill-streets-
Work with us	Submit an event	forces-evacuation)
Contact us	Submit an event	Like 18K
Terms of use	Neighborhood Kit	Follow @hoodline
Hoodline privacy policy		/nups://runes.appr

#### **NEIGHBORHOODS WE COVER**

ALAMO SQUARE	GLEN PARK	NOPA
BAYVIEW	HAYES VALLEY	NORTH BEACH
BERNAL HEIGHTS	INGLESIDE	OCEAN BEACH
CASTRO	INNER RICHMOND	OUTER RICHMOND
CHINATOWN	INNER SUNSET	OUTER SUNSET
CIVIC CENTER	JACKSON SQUARE	PACIFIC HEIGHTS

SFGATE http://www.sfgate.com/news/article/PG-amp-E-Carmel-home-explosion-blamed-on-bad-5316064.php

#### PG&E Carmel home explosion blamed on bad pipeline records

By Jaxon Van Derbeken Updated 7:55 am, Friday, March 14, 2014 ADVERTISEMENT

#### Ad closed by Google

Stop seeing this ad Why this ad? I>



IMAGE 1 OF 2 A house at Guadalupe and 3rd in Carmel after a gas explosion on March 3, 2014.

Pacific Gas and Electric Co.'s faulty pipeline records, which the utility promised to fix after the deadly San Bruno disaster more than three years ago, are being blamed in a natural-gas explosion that destroyed a home last week in Carmel.

No one was home and there were no injuries when the explosion destroyed the one-bedroom cottage March 3. The owner said that was largely attributable to good luck: A work crew was supposed to be in the house but never got there because of traffic.

PG&E says gas crews working around the house were misled by company records about the type of pipe they were dealing with.

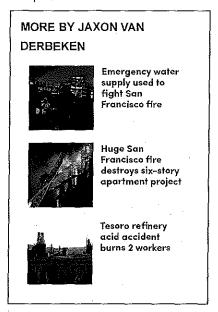
"We didn't have the (accurate) maps, and we don't know what happened," said company spokesman Greg Snapper.

As a result of the explosion, PG&E has ordered a halt in its entire Northern and Central California service area to the type of work that crews were doing before the blast - linking pipes together while both are pressurized with gas, A company official conceded that PG&E lacks a "high degree of confidence" that such work can be done safely without changes.

ADVERTISEMENT

# The Gateway Hotel Pasumalai Madurai \$107 \$131

TripAdvisor



#### Key to San Bruno

Inaccurate PG&E records were a major factor in the September 2010 explosion of a gas-transmission pipeline that killed eight people and destroyed 38 homes in San Bruno. Because company documents inaccurately described the characteristics of the 1950s-vintage line, PG&E never conducted tests that could have detected the type of problem - an incomplete seam weld - that led to the pipeline's rupture.

The California Public Utilities Commission, which regulates PG&E, ordered the company to test or replace thousands of miles of pipeline after the blast. Alleged record-keeping violations are a large part of a legal case now before the commission that could result in PG&E being fined as much as \$2.5 billion for the disaster.

The Carmel explosion happened in the middle of the day as crews were replacing a street distribution gas line, a smaller pipe than the type that ruptured in San Bruno. The replacement line was supposed to be hooked up to a separate pipeline, which PG&E records showed was made of steel.

ADVERTISEMENT

### The Gateway Hotel Pasumalai Madurai

#### WeatherTech BumpStep - Hitch Mounted...

However, sometime after the pipe was made in 1997, PG&E or a contractor inserted a plastic pipe inside the steel one. In doing so, workers made slices in the steel line, rendering it useless for carrying natural gas.

Last week, workers drilling into the old steel main pierced the plastic line inside, unaware it was there. Gas then flowed out of the pierced plastic line and into the surrounding steel line.

The gas escaped through a cut in the steel line and eventually got into the cottage at Third Avenue and Guadalupe Street, possibly via a sewer pipe. A pilot light apparently touched off the explosion that leveled the cottage and damaged three nearby homes.

The cottage's owner, Josef Baumgartner of Palo Alto, said the blast could have easily been deadly, because workers he had hired to do maintenance were supposed to be inside. They turned back, however, after getting caught in traffic created by the gas-line work.

"I'm very glad no one was hurt," said Baumgartner, who uses the cottage as a vacation and weekend home. "It was for the grace of God that it was not worse - those vendors were scheduled to be inside."

A woman who was 50 feet away when the blast happened said the gas crews, working with a PG&E contractor called Underground Construction, had been shielded from the force of the explosion by their trucks, which may have saved their lives.

"It is a miracle that no one was killed, a double miracle that no one was injured," Mayor Jason Burnett said.

Burnett said PG&E officials have led him to believe the root of the problem was the inaccurate records.

#### 'Raises whole new issues'

"If it is in fact a record-keeping problem, as it sounds like it may be, it raises whole new issues about potential problems on tens of thousands of miles of pipe," Burnett said.

Sumeet Singh, vice president in charge of PG&E's asset management, said that "the information that we have right now is that the map they had did not show the inserted plastic line."

He would not answer questions about who installed the plastic line or when, as well as why PG&E maps were not accurate, pending the outcome of an investigation that the company has commissioned.

Last week's work was being done as part of PG&E's systemwide replacement of distribution pipe made out of a plastic called Aldyl-A, which has been linked to several explosions around the country since the 1970s. PG&E began replacing Aldyl-A pipes after an August 2011 blast leveled a Cupertino condominium whose owner had just left to go to lunch.

The Carmel explosion happened after the gas crew started splicing into the live, plastic-inside-steel pipeline to connect the new pipe, a process known as tapping. Kevin Knapp, PG&E's vice president of gas operations, said the utility has halted the practice until the company has a "high degree of confidence" that it has protocols in place to avoid explosions.

PG&E said the halt would not slow the replacement of Aldyl-A pipe.

The state Public Utilities Commission has opened an investigation into the Carmel blast and said the issue of flawed records would be central to the probe.

"A big concern is PG&E's mapping issue," the commission said in a statement. "It is PG&E's responsibility and duty to know what they have in the ground and where it's located."

Singh said PG&E is digitizing its records for 42,000 miles of distribution lines, a project expected to be completed by next year.

#### PG&E apology

Knapp said he has met with Carmel officials to "impress upon them how seriously we are taking this" and "how deeply I regretted that it had occurred. We're really, really grateful that the house was unoccupied. It was by the sheer grace of God that that happened."

ADVERTISING





# PG&E's "Regular" Surveillance for Pipeline Hazards Critically Inadequate at Upper Folsom St. Site

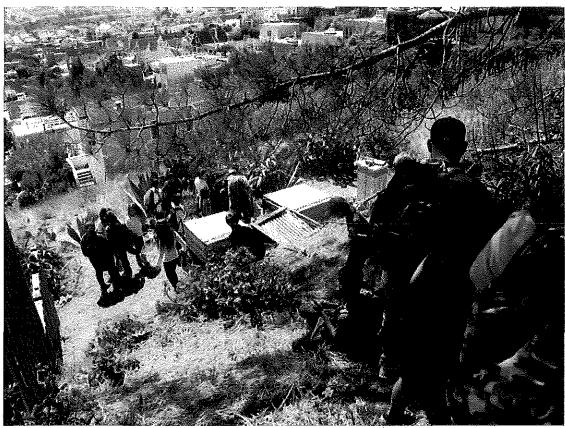
Regarding PG&E Gas Transmission Pipeline 109 Upper Folsom Street in Bernal Heights, SF Prepared by Marilyn Waterman for Dec. 13 BOS hearing

PG&E claims regular surveillance of gas transmission pipelines for activities and encroachments that endanger the integrity of and inhibit access to pipelines. Yet, existing evidence attests to PG&E's well-documented lax public safety culture. A 30-foot pine tree sits on top of PG&E Gas Transmission Pipeline 109 adjacent to the Project Area - against PG&E's own safety guidelines. Other large plants also grow over the pipeline in this area violating encroachment guidelines.



30-foot pine tree growing above PG&E Gas Transmission Pipeline 109 at Bernal Heights Blvd. - in violation of PG&E's threatening the pipelines protective coating.

In addition, several small structures have been allowed to be built adjacent and over the pipeline.



Besides the thirty-foot tall pine tree, various structures, large shrubs and agaves with tap roots sit on top or adjacent to the transmission pipeline in violation of national and PG&E Safety Guidelines.

This situation directly contradicts published national and PG&E safety guidelines regarding trees, vegetation, and structures over and near transmission pipelines:

#### 1) US Department of Transportation, Pipeline, and Hazardous Material Safety Administration's "Hazard Mitigation Planning: Practices for Land Use Planning Near Pipelines":

Plan and Locate Vegetation to Prevent Interference with Transmission Pipeline Activities Practice Statement – Trees and other vegetation should be planned and located to reduce the potential of interference with transmission pipeline operations, maintenance, and inspections.

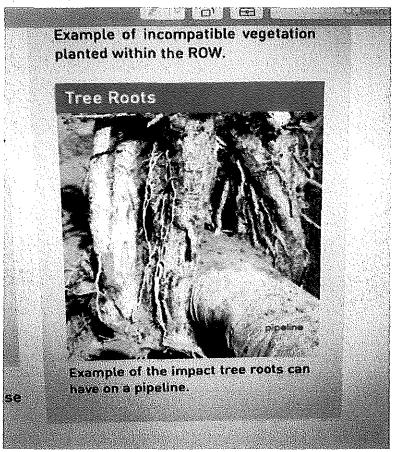
#### 2) PG&E "The Community Pipeline Safety Initiative" Putting Safety First:

Tree roots also pose a safety risk because they can damage the protective coating of underground pipelines—leading to corrosion and leaks.

#### 3) PG&E Right-of-Way Guidelines, "Pipeline Pathways"

This guideline brochure lists "incompatible uses" regarding gas pipelines, including small structures, sheds, trees, concrete or block walls or fences, fence posts, etc.





"At locations where pipelines and tree root systems co-exist, there is a high occurrence of tree roots causing damage to the external coating on the pipeline (40 out of 53 sites) (PG&E's "Tree Root Interference Assessment", January 17, 2014)

# Exhibit 13

# PG&E Natural Gas Pipeline Accidents in California List of Accidental Ruptures Since San Bruno Explosion

- --Dec. 8, 2016 **Noe Valley, San Francisco**, Ca. 2-inch gas pipeline accidently **ruptured by third-party contractors working on a new house**. Neighborhood evacuated,
- --August 3, 2016, Woodland Hills, Ca. 4-inch natural gas pipeline was **accidently struck by utility workers** using a **backhoe during excavation activity**. Operator escaped injury but a 40-foot plume of fire took over three hours to put out. Neighborhood was evacuate d.
- --June 17, 2016, **San Francisco: Miraloma neighborhood** evacuated when **SFPUC crew hit a natural gas line** while installing a new water main. Large gas leak took an hour to cap.
- --March 17, 2016, Morgan Hill, CA: 100 people were evacuated or asked to shelter in due to accidental rupture by private contractor of distribution gas line during construction activity.
- --2012 2015, Sacramento, CA: Journalist uncovered six pipeline "strikes" by contractors during a two and one half period that went unreported by PG&E. One incident included a rupture that went undetected for 48 until the pregnant homeowner smelled gas in her backyard. Experts said a spark from a water heater would have ignited a deadly explosion.
- --August 26, 2015, San Jose, Ca: Five businesses were destroyed by a **car crash puncturing a natural gas line**.
- --April 17, 2015, Fresno, CA: One person was killed and eight people were injured when **excavation activity by a large, earth-moving tractor punctured a 12-inch PG&E transmission gas pipeline** while on a steep slope during excavation. Fireball went 150 feet in the air. One fatality and entire work crew fifty away suffered critical and serious injuries. 400 feet of train tracks were warped by the heat. **Operator error was cited** by the state as to the cause of the explosion.
- --March 3, 2014, Carmel, CA: Home exploded due to **PG&E** crew working on four-inch gas pipeline using faulty PGE records. Crew escaped injuries due to standing behind a truck. **PG&E** allowed dangerous leak to persist without calling 911 for 30 minutes, when leak exploded. Crew did not have proper equipment to stop leak; which took one hour to halt. Area not evacuated prior to explosion. House was destroyed. **Shrapnel and debris were hurled into neighboring houses**. People

walking by were showered with debris. Nearby house windows were blown out by shock waves, PG&E fine \$10.8 million dollars.

- --Post March 3, 2014, Carmel, CA: Five pipeline accidents subsequent to the Carmel March 14th explosion "have shaken our confidence in the company's commitment to safety...", according to then Carmel mayor Jason Burnett, "despite PG&E's lip service and empty promises." Two examples: A gas leak at a major hotel took PG&E five hours to respond. At another hotel, third-party crews hit a gas pipe that sent a 20-foot gas cloud into the air. PG&E crews took one hour to stop leak.
- --July 13, 2013, Mountain View, CA: **PG&E welding crews accidently melted** an "unmapped" plastic insert in a steel pipe. Leak forced evacuations. **PG&E recently conceded it has lost 12 years of gas-line paper repair records** for the South Bay.
- -- January 13, 2012, Rio Vista, CA: 8-inch pipeline exploded in field.
- --June, 2012, Morgan Hill, CA: **Contractor accidently hit gas distribution pipeline** on Main Street line that caused evacuations due to leak. **PG&E worker was blamed for mistakenly identifying pipeline** as decommissioned.
- --October, 2012, Milpitas, CA: Error in PG&E records caused PG&E replacement crew to accidently turn off gas valve. Gas lost to 1,000 homes for 12 hours.
- --November 20, 2012, Madera, CA: **Heavy equipment operator accidently punctured a 12-inch transmission pipeline**. Houses and businesses were evacuated. Adjacent highway shut down for hours.
- --August 31, 2011, Cupertino, CA: **Condo gutted after faulty plastic pipeline fitting filled garage with gas.** Six other plastic pipe failures were found near blast site. According to a Wikipedia list of pipeline accidents, PG&E has 1,231 miles of pre-1973 defective plastic pipes that federal regulators have singled out as being at risk of failing. **50 people have died in accidents caused by this type of defective plastic pipe since 1971.**
- --Sept. 7, 2011, San Francisco, CA: **Construction crew ruptured a 10-inch gas pipeline at Post and Mason**, shutting down the neighborhood.
- --Sept. 9, 2010, San Bruno, CA: High Consequence Area catastrophic explosion resulted in eight deaths, numerous burn victims, 36 houses destroyed. PG&E's faulty record keeping, bad welds, response errors the list goes on caused catastrophic explosion.

#####

# Exhibit 14

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET – Appeal of CEQA Categorical Exemption Determination

Dear President Breed and the Board of Supervisors,

I have lived in Bernal Heights for 21 years and my family has been in San Francisco since 1896. My property is approximately 150 feet SW of the proposed development and does not abut the area.

I am requesting a CEQA review for the proposed projects at 3516 and 3526 Folsom Street for the following reasons:

- There is and should be no vehicular access to this area due to the steepness of the hill.
- The area is and has always been open space. It is inappropriately zoned for housing and has never been developed for the obvious reasons of environmental degradation, inaccessibility, a major natural gas pipeline running under the soil, and inevitable traffic and parking issues.
- Approval of one or both of these houses opens the floodgate for development of a one-way road and a six-unit subdivision with implications for traffic, safety, parking, garbage pick-up, emergency vehicle access, and erosion.
- The developer has no contingency for water damage that property owners below these proposed homes will experience. Water sluices down the steep streets in this neighborhood. The development will alter current natural drainage systems and inevitably require remedial efforts, such as installation of trench drains and regrading of sidewalks and driveways, on the part of homeowners below Powhattan Street.

Common sense dictates a CEQA review to detail the impacts of these issues before moving forward with construction of any kind in the proposed area.

Sincerely,

Nais M. Raulet

75 Gates Street

Marilla

The Honorable London Breed, President
San Francisco Board of Supervisors
City Hall, Room 244
RE: 3516 AND 3526 FOLSOM STREET – Appeal of CEQA Categorical Exemption
Determination

Dear President Breed and the Board of Supervisors,

I feel that the above-referenced project should receive a CEQA review. It is not entitled to a Categorical Exemption for the following reasons:

- A six-lot development is planned which warrants an environmental review due to scope.
- Significant impacts on the neighborhood will occur in terms of traffic congestion, parking, safety, sanitation, and emergency response. These need full evaluation prior to proceeding
- The project will affect surface water drainage from Bernal Hill with impacts to soil erosion and to properties down-slope.

I'd also like to take this opportunity to express that the review process for new residential construction building permits is archaic and fractured. Issuing planning and building department approvals before evaluating the feasibility of creating a new street and infrastructure on an extremely steep slope, with limited access and with a major gas transmission pipeline underneath, defies logic. A comprehensive, collaborative review is needed by representatives from relevant City agencies when a proposed development raises multiple major issues from neighbors, experts, and environmental groups.

Thank you for your consideration.

Sincerely,

Signature

Pamela D. LoPinto

75 Gates Street

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET - Appeal of CEQA Categorical Exemption Determination

Dear President Breed,

We request a complete, open, and transparent environmental review for the proposed project at 3516 and 3526 Folsom Street.

- > Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line, Line 132. Line depth has never been determined. It is a major natural gas transmission line like the one that blew up in San Bruno.
- ➤ Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Sincerely,

Signature

Name : (Printed)

address: //o

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET - Appeal of CEQA Categorical Exemption Determination

Dear President Breed,

Sincerely,

We request a complete, open, and transparent environmental review for the proposed project at 3516 and 3526 Folsom Street.

- > Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line, Line 132. Line depth has never been determined. It is a major natural gas transmission line like the one that blew up in San Bruno.
- ➤ Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Signature

Name: (PrInted) PJFwaldaddress: 766ates5T94116

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET – Appeal of CEQA Categorical Exemption Determination

Dear President Breed,

We request a complete, open, and transparent environmental review for the proposed project at 3516 and 3526 Folsom Street.

- > Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line, Line 132. Line depth has never been determined. It is a major natural gas transmission line like the one that blew up in San Bruno.
- ➤ Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Sincerely,			
MAN	hot		
Signature		,	
Name : (Printed) _	Sophie Eurold		
address: 76	Gates Et. Son Francis	a CA	94110

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET - Appeal of CEQA Categorical Exemption Determination

Dear President Breed,

We request a complete, open, and transparent environmental review for the proposed project at 3516 and 3526 Folsom Street.

- Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line, Line 132. Line depth has never been determined. It is a major natural gas transmission line like the one that blew up in San Bruno.
- Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Sincerely, laget Jabusas	i,
Signature) ()	
Name: (Prnted) PAGET VALENTZAS	
address: 386C RICHLAND AVE.	_
SF, CA 94110	
I'm a local and walk on the	-6 /
The thought of construction,	DL

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET – Appeal of CEQA Categorical Exemption Determination

Dear President Breed,

We request a complete, open, and transparent environmental review for the proposed project at 3516 and 3526 Folsom Street.

- ➤ Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line, Line 132. Line depth has never been determined. It is a major natural gas transmission line like the one that blew up in San Bruno.
- Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Sincerely,

Signature

Name: (Prnted)

Erica lueice

address:

90 WCFR Dr. Springfield V705156

I enjoy walking at Bernal + enjoying the views.

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET - Appeal of CEQA Categorical Exemption Determination

Dear President Breed,

We request a complete, open, and transparent environmental review for the proposed project at 3516 and 3526 Folsom Street.

- ➤ Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line, Line 132. Line depth has never been determined. It is a major natural gas transmission line like the one that blew up in San Bruno.
- ➤ Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Sincerely,

Signature

Name: (Prnted) Care ( Paledi!

address: 671 Jernon Oagland CA

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET – Appeal of CEQA Categorical Exemption Determination

Dear President Breed,

We request a complete, open, and transparent environmental review for the proposed project at 3516 and 3526 Folsom Street.

- Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line, Line 132. Line depth has never been determined. It is a major natural gas transmission line like the one that blew up in San Bruno.
- ➤ Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Sincerely,						
C	all					
Signature			<del></del>			
Name : (Prn	ited) Clau	, dine	ot	5		
address:	3585			SF	CA	94110

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET – Appeal of CEQA Categorical Exemption Determination

Dear President Breed.

We request a complete, open, and transparent environmental review for the proposed project at 3516 and 3526 Folsom Street.

- ➤ Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line, Line 132. Line depth has never been determined. It is a major natural gas transmission line like the one that blew up in San Bruno.
- ➤ Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of. Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- ➤ The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Signature

Sincerely,

address:

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET - Appeal of CEQA Categorical Exemption Determination

Dear President Breed,

We request a complete, open, and transparent environmental review for the proposed project at 3516 and 3526 Folsom Street.

- Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line, Line 132. Line depth has never been determined. It is a major natural gas transmission line like the one that blew up in San Bruno.
- Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- > The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the smallscale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

STRACHAN SEQUIDS

(Date) 7/18/14

San Francisco Board of Supervisors
City Hall
San Francisco, CA 94102
Dear Honorable Members of the Board

Re: Appeal of CEQA Categorical Exemption ("CatEx") Determination for Planning Case No. 2013.1383E

We request a complete, open, coordinated and transparent environmental impact review (EIR) for the proposed project at 3516 and 3526 Folsom Street.

- ➤ Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line 109. Line depth has never been determined. Line 109 is similar to one that blew up in the San Bruno disaster this past decade.
- ➤ If approved, heavy earth moving equipment will be travelling over this line for many months. In recent years a cement truck overturned on a nearby street. The area of Upper Folsom is one of the steepest in the City. We fear for public safety in this area.
- Parking impact and traffic will be similarly negatively affected. No new onstreet parking is proposed; two garages and driveways currently in use will be rendered un-useable; residents will be unable to park cars needed for work and transportation. Traffic congestion at the corner of Folsom & Chapman, already difficult, will become unmanageable. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "minisub-division". The environmental problems will surely, only, get worse.

Thank you, for considering our concerns for opposing the "CatEx" for this project, and, instead determining the need for an EIR.

Sincerely,			
Henrellyn Keller			
email: 18 Kellera	pacbell-net	phone (optional)	day

(Date) 7/18/16

San Francisco Board of Supervisors
City Hall
San Francisco, CA 94102
Dear Honorable Members of the Board

Re: Appeal of CEQA Categorical Exemption ("CatEx") Determination for Planning Case No. 2013.1383E

We request a complete, open, coordinated and transparent environmental impact review (EIR) for the proposed project at 3516 and 3526 Folsom Street.

- ➤ Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line 109. Line depth has never been determined. Line 109 is similar to one that blew up in the San Bruno disaster this past decade.
- ➤ If approved, heavy earth moving equipment will be travelling over this line for many months. In recent years a cement truck overturned on a nearby street. The area of Upper Folsom is one of the steepest in the City. We fear for public safety in this area.
- ▶ Parking impact and traffic will be similarly negatively affected. No new onstreet parking is proposed; two garages and driveways currently in use will be rendered un-useable; residents will be unable to park cars needed for work and transportation. Traffic congestion at the corner of Folsom & Chapman, already difficult, will become unmanageable. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "minisub-division". The environmental problems will surely, only, get worse.

Thank you, for considering our concerns for opposing the "CatEx" for this project, and, instead determining the need for an EIR.

Sincerely,	
Kathryn Brader	
90 Gates Street	
email: biofeedbackkather gmail.com p	hone (optional)

(Date) 7/19/16

San Francisco Board of Supervisors
City Hall
San Francisco, CA 94102
Dear Honorable Members of the Board

Re: Appeal of CEQA Categorical Exemption ("CatEx") Determination for Planning Case No. 2013.1383E

We request a complete, open, coordinated and transparent environmental impact review (EIR) for the proposed project at 3516 and 3526 Folsom Street.

- ➤ Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line 109. Line depth has never been determined. Line 109 is similar to one that blew up in the San Bruno disaster this past decade.
- ➤ If approved, heavy earth moving equipment will be travelling over this line for many months. In recent years a cement truck overturned on a nearby street. The area of Upper Folsom is one of the steepest in the City. We fear for public safety in this area.
- Parking impact and traffic will be similarly negatively affected. No new onstreet parking is proposed; two garages and driveways currently in use will be rendered un-useable; residents will be unable to park cars needed for work and transportation. Traffic congestion at the corner of Folsom & Chapman, already difficult, will become unmanageable. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "minisub-division". The environmental problems will surely, only, get worse.

Thank you, for considering our concerns for opposing the "CatEx" for this project, and, instead determining the need for an EIR.

Sincerely,

Zoe Keller

email: Zoelkerer agmais. com

maio. com phone (optional) (415) 238 - 2216

#### LETTER TO THE SF BOARD OF SUPERVISORS

## Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

Sincerely,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. <u>Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States</u>. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

<u>Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.</u>

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Judith Kurtz

Printed name

The state of the

#### LETTER TO THE SF BOARD OF SUPERVISORS

## Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. <u>Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States</u>. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world ~ too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Sincerely,

Atomb /	60 States S.F. 94110
Signature	Address
Raffi Bashlian	
Printed name	Email
7/13/16	
Date	Phone number (Optional)

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET - Appeal of CEQA Categorical Exemption Determination

#### Dear President Breed,

We request a complete, open, and transparent environmental review for the proposed project at 3516 and 3526 Folsom Street.

- Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line. Line depth has never been determined.
- Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- > The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Sincerely,

Patricia Hugher

Signature

name: (Printed) Patricia Hughes

address: 3577 Folsom St,

SF 94110

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET - Appeal of CEQA Categorical Exemption Determination

#### Dear President Breed,

We request a complete, open, and transparent environmental review for the proposed project at 3516 and 3526 Folsom Street.

- Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line. Line depth has never been determined.
- ➤ Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Sincerely

Signatuke

name : (Printed)

GENARO LICEA

address:

51 , SF94112

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET - Appeal of CEQA Categorical Exemption Determination

Dear President Breed,

We request a complete, open, and transparent environmental review for the proposed project at 3516 and 3526 Folsom Street.

- Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line. Line depth has never been determined. Line 109 is the same one as the San Bruno disaster.
- ➤ Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Sincerely,
Cen Ban
Signature
name: (Printed) FLGyd B FCrg USCI
address: 780 Rolph St

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET - Appeal of CEQA Categorical Exemption Determination

Dear President Breed,

We request a complete, open, and transparent environmental review for the proposed project at 3516 and 3526 Folsom Street.

- > Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line. Line depth has never been determined. Line 109 is the same one as the San Bruno disaster.
- ➤ Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Sincerely,

Signature

name: (Printed) Jim Sarrail

address: 3590 20th 57 5F CA 54118

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET – Appeal of CEQA Categorical Exemption Determination

## Dear President Breed,

Sincerely.

We request a complete, open, and transparent environmental review for the proposed project at 3516 and 3526 Folsom Street.

- Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line. Line depth has never been determined. Line 109 is the same one as the San Bruno disaster.
- ➤ Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Jorshy Bron

name: (Printed) DOROTHY C. BROWN

address: 200 Puncan ST. SF 94131

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET – Appeal of CEQA Categorical Exemption Determination

### Dear President Breed,

We request a complete, open, and transparent environmental review for the proposed project at 3516 and 3526 Folsom Street.

- Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line. Line depth has never been determined. Line 109 is the same one as the San Bruno disaster.
- Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Sincerely,

'Signature

name: (Printed)

1.

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET – Appeal of CEQA Categorical Exemption Determination

#### Dear President Breed,

We request a complete, open, and transparent environmental review for the proposed project at 3516 and 3526 Folsom Street.

- > Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line. Line depth has never been determined. Line 109 is the same one as the San Bruno disaster.
- > Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- > The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the smallscale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

name: (Printed) Dalina Gonzales
address: 765 Anderson St. SF 94110

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET - Appeal of CEQA Categorical Exemption Determination

#### Dear President Breed,

We request a complete, open, and transparent environmental review for the proposed project at 3516 and 3526 Folsom Street.

- Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line. Line depth has never been determined. Line 109 is the same one as the San Bruno disaster.
- Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

*[\_\_\_\_* 

name : (Printed)

address:

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET - Appeal of CEQA Categorical Exemption Determination

## Dear President Breed,

We request a complete, open, and transparent environmental review for the proposed project at 3516 and 3526 Folsom Street.

- > Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line. Line depth has never been determined. Line 109 is the same one as the San Bruno disaster.
- Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Sincerely,

Signature

name : (Printed)

address:

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET - Appeal of CEQA Categorical Exemption Determination

#### Dear President Breed,

- Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line. Line depth has never been determined. Line 109 is the same one as the San Bruno disaster.
- ➤ Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Sincerely, But,	
Signature	R. X . a.K.
marile. (Filited)	Batynskiy
address: 328 Bucking	ham Way #800
	O(1/2)
•	77/32

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET - Appeal of CEQA Categorical Exemption Determination

## Dear President Breed,

We request a complete, open, and transparent environmental review for the proposed project at 3516 and 3526 Folsom Street.

- > Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line. Line depth has never been determined. Line 109 is the same one as the San Bruno disaster.
- Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Signature

name · (Printed)

address:

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET – Appeal of CEQA Categorical Exemption Determination

## Dear President Breed,

We request a complete, open, and transparent environmental review for the proposed project at 3516 and 3526 Folsom Street.

- Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line. Line depth has never been determined. Line 109 is the same one as the San Bruno disaster.
- Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Sincerely,

Nymber

Signature

name: (Printed) Mark S Purson

address: 152 To land St #8 S.F. CA 94/20

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET - Appeal of CEQA Categorical Exemption Determination

Dear President Breed,

We request a complete, open, and transparent environmental review for the proposed project at 3516 and 3526 Folsom Street.

- Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line. Line depth has never been determined. Line 109 is the same one as the San Bruno disaster.
- Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Sincerely.

ignature

name : (Printe

address: 303) Wild Ginger Ct. Vaccoville. Ct 95687

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET - Appeal of CEQA Categorical Exemption Determination

## Dear President Breed,

- Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line. Line depth has never been determined. Line 109 is the same one as the San Bruno disaster.
- ▶ Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Sincerely,			,
nani	Mucu		
Signature			
name : (Printed)	Naom. Mar	ـ د د ه	
address:	1 Evgenia	Ave	94110

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET - Appeal of CEQA Categorical Exemption Determination

# Dear President Breed,

We request a complete, open, and transparent environmental review for the proposed project at 3516 and 3526 Folsom Street.

- > Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line. Line depth has never been determined. Line 109 is the same one as the San Bruno disaster.
- Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Signature

Sincerely

name : (Printed

address:

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET - Appeal of CEQA Categorical Exemption Determination

Dear President Breed,

We request a complete, open, and transparent environmental review for the proposed project at 3516 and 3526 Folsom Street.

- Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line. Line depth has never been determined. Line 109 is the same one as the San Bruno disaster.
- Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Sincerely,

Signature

name: (Printed) Sarah Hashemyan

address: 831 [PAVEN MOVTH St. #20]

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET - Appeal of CEQA Categorical Exemption Determination

## Dear President Breed,

- Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line. Line depth has never been determined. Line 109 is the same one as the San Bruno disaster.
- Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Sincerely	XI.	
Signature		
name : (Pi	rinted) DOVIS CHU	
address:	364 Evreta St. 94114	

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET - Appeal of CEQA Categorical Exemption Determination

Dear President Breed.

We request a complete, open, and transparent environmental review for the proposed project at 3516 and 3526 Folsom Street.

- Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line. Line depth has never been determined. Line 109 is the same one as the San Bruno disaster.
- Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Cianation

name : (Printe

address:

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET - Appeal of CEQA Categorical Exemption Determination

#### Dear President Breed.

We request a complete, open, and transparent environmental review for the proposed project at 3516 and 3526 Folsom Street.

- Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line. Line depth has never been determined. Line 109 is the same one as the San Bruno disaster.
- ➤ Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Sincerely,

Signature Con

name: (Printed) RAREN CARR

address: 35 BENNINGTON, S.F.

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET - Appeal of CEQA Categorical Exemption Determination

Dear President Breed,

- Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line. Line depth has never been determined. Line 109 is the same one as the San Bruno disaster.
- Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- > The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Sincerely,				
CVMC				
Signature				
name : (Printed)	Menine (ox			
address: PO Bo	x 347353	SF.	SA	94134

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET - Appeal of CEQA Categorical Exemption Determination

Dear President Breed,

We request a complete, open, and transparent environmental review for the proposed project at 3516 and 3526 Folsom Street.

- Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line. Line depth has never been determined. Line 109 is the same one as the San Bruno disaster.
- ➤ Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Sincerely,

Haran Creary

Signature

name: (Printed) Shara Cassidy

address: 108-19th Avenue SF

The Honorable London Breed, President San Francisco Board of Supervisors
City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET - Appeal of CEQA Categorical Exemption Determination

## Dear President Breed.

We request a complete, open, and transparent environmental review for the proposed project at 3516 and 3526 Folsom Street.

- Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line. Line depth has never been determined.
- ▶ Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- ➤ The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Sincerely,

siignature

name : (Prnted) 💛 🟊

address: 243 Banks Stick 94110

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET – Appeal of CEQA Categorical Exemption Determination

Dear President Breed,

- Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line, Line 132. Line depth has never been determined. It is a major natural gas transmission line like the one that blew up in San Bruno.
- Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Sincerely,
Signature
Name: (Proted) Cristing Molero
address: 3607 Folsom St.

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET - Appeal of CEQA Categorical Exemption Determination

### Dear President Breed,

- Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line. Line depth has never been determined.
- ➤ Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- ➤ The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Sincerely,		
siignature	1	
name : (Prnted)	nika Perez	
address: 300	Virginia Ave.	
		95110

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET – Appeal of CEQA Categorical Exemption Determination

Dear President Breed,

- Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line, Line 132. Line depth has never been determined. It is a major natural gas transmission line like the one that blew up in San Bruno.
- ➤ Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Sincerely,					
<u> </u>	-1				
Signature					
Name : (Prnted	)R	04	SETO	····	
address:	4026	FOL	Som	9411	O

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET – Appeal of CEQA Categorical Exemption Determination

Dear President Breed,

We request a complete, open, and transparent environmental review for the proposed project at 3516 and 3526 Folsom Street.

- Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line, Line 132. Line depth has never been determined. It is a major natural gas transmission line like the one that blew up in San Bruno.
- ➤ Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- ➤ The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Signature

Name: (Prnted) <u>Ailen Kim</u>

address: 314 Coleridge St. San Francist; (4 74110)

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET - Appeal of CEQA Categorical Exemption Determination

## Dear President Breed,

We request a complete, open, and transparent environmental review for the proposed project at 3516 and 3526 Folsom Street.

- Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line, Line 132. Line depth has never been determined. It is a major natural gas transmission line like the one that blew up in San Bruno.
- ➤ Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Sincerely,

Signature

Name : (Prnted)

address:

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET - Appeal of CEQA Categorical Exemption Determination

## Dear President Breed,

- Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line, Line 132. Line depth has never been determined. It is a major natural gas transmission line like the one that blew up in San Bruno.
- ▶ Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Sincerely,
Signature
Name: (Prnted) MARK FRESTONE
address: 172 GATES

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET – Appeal of CEQA Categorical Exemption Determination

Dear President Breed,

- ➤ Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line, Line 132. Line depth has never been determined. It is a major natural gas transmission line like the one that blew up in San Bruno.
- ➤ Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- ➤ The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Sincerely,		
morl		
Signature		
Name: (Prnted) Margan A	Dehan	
address: 3336 2515 St	SF, CA	94111

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET - Appeal of CEQA Categorical Exemption Determination

Dear President Breed,

- ➤ Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line, Line 132. Line depth has never been determined. It is a major natural gas transmission line like the one that blew up in San Bruno.
- ➤ Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Sincerely,			
-	37/10	2	
Signature		· · · · · · · · · · · · · · · · · · ·	
Maria - 10 au	ted) PAUL	Lopez	
Name : (Prn	ted)/_/		
address:	345418tm	50 94110	

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET – Appeal of CEQA Categorical Exemption Determination

#### Dear President Breed,

- Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line, Line 132. Line depth has never been determined. It is a major natural gas transmission line like the one that blew up in San Bruno.
- ➤ Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Sincerely,	i tog			
Signature				
Name : (Prnted)	Advon	~ 70 m	<u>.</u> .	
address:	3454	111	Jt. SF	94110

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET – Appeal of CEQA Categorical Exemption Determination

### Dear President Breed.

- Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line, Line 132. Line depth has never been determined. It is a major natural gas transmission line like the one that blew up in San Bruno.
- Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Sincerely,	<b>1</b>	
Issuca	anul 11	
Signature		
Name : (Prnted)	JESSICA LAMITI	
address: \\	Ellert St SF CA	94110

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET - Appeal of CEQA Categorical Exemption Determination

#### Dear President Breed,

We request a complete, open, and transparent environmental review for the proposed project at 3516 and 3526 Folsom Street.

- Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line, Line 132. Line depth has never been determined. It is a major natural gas transmission line like the one that blew up in San Bruno.
- Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- > The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the smallscale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Sincerely.

Signature

Name: (Prnted) SARA STRIUD

address: 1191 VALLULA ST SF CA 94110

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET - Appeal of CEQA Categorical Exemption Determination

Dear President Breed,

- ➤ Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line, Line 132. Line depth has never been determined. It is a major natural gas transmission line like the one that blew up in San Bruno.
- ▶ Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Sincerely,		
Krister aunité		
Signature		
Name: (Prnted) <u> </u>	DUIN	TO
address: 150 CHAPMAN	ST.	SF. 94110

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET - Appeal of CEQA Categorical Exemption Determination

#### Dear President Breed,

- Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line, Line 132. Line depth has never been determined. It is a major natural gas transmission line like the one that blew up in San Bruno.
- ▶ Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Sincerely,		
Alonik-		
Signature		
Λ		
Name : (Prnted)	IAM FAL	lled
. ^	X1	57
	<del> </del>	

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET – Appeal of CEQA Categorical Exemption Determination

#### Dear President Breed,

We request a complete, open, and transparent environmental review for the proposed project at 3516 and 3526 Folsom Street.

- ➤ Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line, Line 132. Line depth has never been determined. It is a major natural gas transmission line like the one that blew up in San Bruno.
- ➤ Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Signature

Name: (Prnted)

HINM ROSS

address: YY Elsie St SF CA 94110

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET - Appeal of CEQA Categorical Exemption Determination

## Dear President Breed,

We request a complete, open, and transparent environmental review for the proposed project at 3516 and 3526 Folsom Street.

- ➤ Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line, Line 132. Line depth has never been determined. It is a major natural gas transmission line like the one that blew up in San Bruno.
- Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- ➤ The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Signature

Sincerel

Name: (Prnted)

NICOLE

address:

SONE ILIC

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET - Appeal of CEQA Categorical Exemption Determination

#### Dear President Breed,

- Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line. Line depth has never been determined.
- ▶ Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- ➤ The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Sincerely,	h			
siignature				
name : (Pr	nted)	Masha	Lisak	
address: _	3435	24th St	SF GA	94110

The Honorable London Breed, President
San Francisco Board of Supervisors
City Hall, Room 244
RE: 3516 AND 3526 FOLSOM STREET — Appeal of CEQA Categorical Exemption Determination

#### Dear President Breed.

We request a complete, open, and transparent environmental review for the proposed project at 3516 and 3526 Folsom Street.

- Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line. Line depth has never been determined.
- ▶ Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- ➤ The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

siignature

name: (Prnted) DANIEL (HA MOW)

address: 25 APPLE TON AVE 9410

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET - Appeal of CEQA Categorical Exemption Determination

Dear President Breed,

We request a complete, open, and transparent environmental review for the proposed project at 3516 and 3526 Folsom Street.

- Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line. Line depth has never been determined.
- ▶ Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Sincerely,

siignature

name : (Prnted)

address: (-) +5

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET - Appeal of CEQA Categorical Exemption Determination

### Dear President Breed.

We request a complete, open, and transparent environmental review for the proposed project at 3516 and 3526 Folsom Street.

- Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line. Line depth has never been determined.
- ▶ Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

siignature

name: (Prnted) EVIN COX CAYV

address: 240 Pichary Avc

The Honorable London Breed, President
San Francisco Board of Supervisors
City Hall, Room 244
RE: 3516 AND 3526 FOLSOM STREET — Appeal of CEQA Categorical Exemption Determination

#### Dear President Breed.

We request a complete, open, and transparent environmental review for the proposed project at 3516 and 3526 Folsom Street.

- Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line. Line depth has never been determined.
- ▶ Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- ➤ The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Sincerely,

Sincerely,

Siignature

name: (Prnted) ANRIS CATA

DX SUCION STORM

The Honorable London Breed, President
San Francisco Board of Supervisors
City Hall, Room 244
RE: 3516 AND 3526 FOLSOM STREET — Appeal of CEQA Categorical Exemption Determination

#### Dear President Breed.

We request a complete, open, and transparent environmental review for the proposed project at 3516 and 3526 Folsom Street.

- Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line. Line depth has never been determined.
- ➢ Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- ➤ The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Sincerely,

siignature

name: (Printed) Anne F. Sablove

address: 79 Mirabel Avenue, SF 94110

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET - Appeal of CEQA Categorical Exemption Determination

#### Dear President Breed.

We request a complete, open, and transparent environmental review for the proposed project at 3516 and 3526 Folsom Street.

- Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line. Line depth has never been determined.
- ▶ Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- ➤ The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

siignature

address: 2+ Peralta and 5/ 19/1

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET - Appeal of CEQA Categorical Exemption Determination

Dear President Breed.

We request a complete, open, and transparent environmental review for the proposed project at 3516 and 3526 Folsom Street.

- Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line. Line depth has never been determined.
- ▶ Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- ➤ The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Sincerely,

slignature

name : (Prnted)

address:

54 Utilo

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET – Appeal of CEQA Categorical Exemption Determination

Dear President Breed,

We request a complete, open, and transparent environmental review for the proposed project at 3516 and 3526 Folsom Street.

- Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line, Line 132. Line depth has never been determined. It is a major natural gas transmission line like the one that blew up in San Bruno.
- Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- > The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the smallscale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Sincerely.

Name: (Printed) AUCIA A. CHATTN

address: UB GATES ST

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET - Appeal of CEQA Categorical Exemption Determination

### Dear President Breed,

We request a complete, open, and transparent environmental review for the proposed project at 3516 and 3526 Folsom Street.

- Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line. Line depth has never been determined.
- Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Signature

Signature

Printed) One Smg

address: 425 (St Prest Son Francisco CA 9410)

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET - Appeal of CEQA Categorical Exemption Determination

# Dear President Breed,

- Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line. Line depth has never been determined.
- ➢ Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Sincerely,								
Signature								
name : (Printe	ed)	Ric	Chi					
address:	618	Bush	st,	Apt 45	, San	Francisco	,CA 94	108

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET - Appeal of CEQA Categorical Exemption Determination

Dear President Breed,

- Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line. Line depth has never been determined.
- Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Sincerely, Wishuly In	
Signature	
name: (Printed) Christopher Luu	
address: 1308 Eddy St Sun Francisco	CA 94115

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET – Appeal of CEQA Categorical Exemption Determination

#### Dear President Breed.

- Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line. Line depth has never been determined.
- Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Sincerely	,				
80		-a:			
Signature				•	
name : (P	rinted)	Elaine	Liu		
address:	908	Corbett Ave.	Apt 5	San Francisco, CA	9413

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET - Appeal of CEQA Categorical Exemption Determination

Dear President Breed,

We request a complete, open, and transparent environmental review for the proposed project at 3516 and 3526 Folsom Street.

- Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line. Line depth has never been determined.
- Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Sincerely,

Signature

name: (Printed) kerty 7. Collin )

address: 388 (westrot st SF CA 94133

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET - Appeal of CEQA Categorical Exemption Determination

#### Dear President Breed,

We request a complete, open, and transparent environmental review for the proposed project at 3516 and 3526 Folsom Street.

- Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line. Line depth has never been determined.
- Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- > The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the smallscale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Sincerety

name: (Printed) Michael Kirknan address: 1485 Chestna St., SF CA 94/27

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET – Appeal of CEQA Categorical Exemption Determination

### Dear President Breed,

We request a complete, open, and transparent environmental review for the proposed project at 3516 and 3526 Folsom Street.

- Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line. Line depth has never been determined.
- ➤ Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- > The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Signature

Signature

Name: (Printed) Sendil Rajendvan

address: 2712 Webster St.

S.F. CA 94105

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET - Appeal of CEQA Categorical Exemption Determination

### Dear President Breed,

We request a complete, open, and transparent environmental review for the proposed project at 3516 and 3526 Folsom Street.

- > Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line. Line depth has never been determined.
- Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Sincerely,

Signature

name: (Printed) Michael Sarpher

address: 2350 Unron St, AV+ 45, SF CA 9412 5

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET - Appeal of CEQA Categorical Exemption Determination

Dear President Breed,

- > Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line. Line depth has never been determined.
- Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Sincerely, Mathack	
Signature	
name: (Printed) Matt Cizle	
name : (Printed)	<u></u>
address: 18 Allen Street, San Francisco	94109

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET - Appeal of CEQA Categorical Exemption Determination

#### Dear President Breed.

- Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line. Line depth has never been determined.
- Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Sincerely,	am	Q Ma		
Signature		Cnu	1 A A A	
name : (Pri	nted)	GAIL		
address:	901	cortlar	11	

The Honorable London Breed, President San Francisco Board of Supervisors City Hall. Room 244

RE: 3516 AND 3526 FOLSOM STREET – Appeal of CEQA Categorical Exemption Determination

### Dear President Breed.

We request a complete, open, and transparent environmental review for the proposed project at 3516 and 3526 Folsom Street.

- Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line. Line depth has never been determined.
- Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- > The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the smallscale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Sincerely,

name: (Printed) Helen Schneider address: BGladys St.

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET - Appeal of CEQA Categorical Exemption Determination

### Dear President Breed,

- Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line. Line depth has never been determined.
- Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Sincerely,	
Signature	
name : (Printed) Aynav Mon	
address: 406 Andorer St.	_

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET - Appeal of CEQA Categorical Exemption Determination

Dear President Breed,

We request a complete, open, and transparent environmental review for the proposed project at 3516 and 3526 Folsom Street.

- Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line. Line depth has never been determined.
- ➤ Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Signature

Signature

name: (Printed) Meh SSA Shaw

address: 3 Nebras Ka Street

GF, CA 94110

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET – Appeal of CEQA Categorical Exemption Determination

#### Dear President Breed.

We request a complete, open, and transparent environmental review for the proposed project at 3516 and 3526 Folsom Street.

- Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line. Line depth has never been determined.
- Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Sincerely,

Signature

name : (Printed)

address:

reboasky ST

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET - Appeal of CEQA Categorical Exemption Determination

Dear President Breed,

We request a complete, open, and transparent environmental review for the proposed project at 3516 and 3526 Folsom Street.

- Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line. Line depth has never been determined.
- Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Sincerely,

0161101010

name: (Printed) Victoria Gon Zaroz

address: 240 AMDERSON St. SF, CA 9410

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET - Appeal of CEQA Categorical Exemption Determination

### Dear President Breed,

We request a complete, open, and transparent environmental review for the proposed project at 3516 and 3526 Folsom Street.

- Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line. Line depth has never been determined.
- ➤ Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Sincerely,

Signature

New York

Signature

Name: (Printed) Shelley Menger

address: 240 Ander Sou St SF 94110

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET – Appeal of CEQA Categorical Exemption Determination

### Dear President Breed,

- Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line. Line depth has never been determined.
- ➤ Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Sincerely,					-
Signature	···	·		•	
name : (Print	ed)	JAMES	G.	PENDLE	
address:	81	GATES	STR	EET	

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET – Appeal of CEQA Categorical Exemption Determination

### Dear President Breed,

We request a complete, open, and transparent environmental review for the proposed project at 3516 and 3526 Folsom Street.

- Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line. Line depth has never been determined.
- Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- > The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Sincerely,

Signature

name : (Printed)

address: 55 Gotes St, SF, CA 94111

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET – Appeal of CEQA Categorical Exemption Determination

### Dear President Breed,

- Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line. Line depth has never been determined.
- Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- > The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Sincerely,			
RP	mobile		_
Signature			·
name : (Printed	Raf	fi	Bashlian
address:	60 G	ATES	S7.

The Honorable London Breed, President San Francisco Board of Supervisors City Hall, Room 244

RE: 3516 AND 3526 FOLSOM STREET - Appeal of CEQA Categorical Exemption Determination

#### Dear President Breed,

- Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line. Line depth has never been determined.
- ➤ Parking impact and traffic will be similarly negatively affected. No new on-street parking is proposed; parking and traffic for multiple homes near the intersection of Chapman and Folsom will be permanently changed for the worst. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "mini-sub-division".
- The new proposed street will not be considered an "accepted street" and will require maintenance by existing neighbors who do not want it. Turn-around and access to emergency vehicles is unclear. The proposed houses are almost twice as large as those on the same block or below. These new houses are out of character with the small-scale, semi-rural nature of Bernal Heights. The East Slope Design Review Board has expressed their design concerns and their objections to the project.

Sincerely,	
Mittel	
Signature	
name: (Printed) MARK HESHER	
address: 60 GATES ST SF	

**Board of Supervisors** 

Dear Board Members.

Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety and problems.

### These include:

Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place and made public, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.

Difficult-to-manage traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking, and on-street parking will be eliminated from 2 more houses. (And, there is the potential for 4 additional new homes) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.

The project's lack of planning for garbage, recycling, and compost pickup will impace both public health and safety.

The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.

The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific NTSB and Pipeline Information and Protection Act protocols that should be followed for all land use near pipelines, and we expect assurances from you that these will be met.

This is your opportunity to keep your promise to the keep the citizens of San Francisco safe by requiring that a complete environmental review is undertaken and all appropriate safety measures are in place before any construction is approved for this undeveloped section of Folsom Street and the adjacent properties. We also request that the safety measures and oversight is transparent to the impacted neighbors.

Sincerely,

Name & Signature

Address

Date

email!

**Board of Supervisors** 

Dear Board Members.

Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety and problems.

#### These include:

Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place and made public, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.

Difficult-to-manage traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking, and on-street parking will be eliminated from 2 more houses. (And, there is the potential for 4 additional new homes) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.

The project's lack of planning for garbage, recycling, and compost pickup will impace both public health and safety.

The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.

The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific NTSB and Pipeline Information and Protection Act protocols that should be followed for all land use near pipelines, and we expect assurances from you that these will be met.

This is your opportunity to keep your promise to the keep the citizens of San Francisco safe by requiring that a complete environmental review is undertaken and all appropriate safety measures are in place before any construction is approved for this undeveloped section of Folsom Street and the adjacent properties. We also request that the safety measures and oversight is transparent to the impacted neighbors.

Name & Signature

Sincerely,

Active 1/0 1/50 324 Movime F St 7-16-16

Address Date

email:

Board of Supervisors

Dear Board Members.

Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety and problems.

### These include:

Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place and made public, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.

Difficult-to-manage traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking, and on-street parking will be eliminated from 2 more houses. (And, there is the potential for 4 additional new homes) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.

The project's lack of planning for garbage, recycling, and compost pickup will impace both public health and safety.

The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.

The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific NTSB and Pipeline Information and Protection Act protocols that should be followed for all land use near pipelines, and we expect assurances from you that these will be met.

This is your opportunity to keep your promise to the keep the citizens of San Francisco safe by requiring that a complete environmental review is undertaken and all appropriate safety measures are in place before any construction is approved for this undeveloped section of Folsom Street and the adjacent properties. We also request that the safety measures and oversight is transparent to the impacted neighbors.

Sincerely,

Am Gum 594 John Ave SF CA 941 7/13 half

Name & Signature Address Date

7/12/16 Date:

Board of Supervisors

Dear Board Members,

Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety and problems.

#### These include:

Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place and made public, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.

Difficult-to-manage traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking, and on-street parking will be eliminated from 2 more houses. (And, there is the potential for 4 additional new homes) Delivery trucks. construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.

The project's lack of planning for garbage, recycling, and compost pickup will impace both public health and safety.

The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.

The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific NTSB and Pipeline Information and Protection Act protocols that should be followed for all land use near pipelines, and we expect assurances from you that these will be met.

This is your opportunity to keep your promise to the keep the citizens of San Francisco safe by requiring that a complete environmental review is undertaken and all appropriate safety measures are in place before any construction is approved for this undeveloped section of Folsom Street and the adjacent properties. We also request that the safety measures and oversight is transparent to the impacted neighbors.

Sincerely,

Nexthaniel Challardo Torns Name & Signature

email:

7/12/16 Date:

Board of Supervisors

Dear Board Members.

Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety and problems.

#### These include:

Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place and made public, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.

Difficult-to-manage traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking, and on-street parking will be eliminated from 2 more houses. (And, there is the potential for 4 additional new homes) Delivery trucks. construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.

The project's lack of planning for garbage, recycling, and compost pickup will impace both public health and safety.

The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.

The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific NTSB and Pipeline Information and Protection Act protocols that should be followed for all land use near pipelines, and we expect assurances from you that these will be met.

This is your opportunity to keep your promise to the keep the citizens of San Francisco safe by requiring that a complete environmental review is undertaken and all appropriate safety measures are in place before any construction is approved for this undeveloped section of Folsom Street and the adjacent properties. We also request that the safety measures and oversight is transparent to the impacted neighbors.

Alexis Raymond Auffl 160 Banks st

Name & Signature Address

email: prinncity egmail. com

**Board of Supervisors** 

Dear Board Members,

Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety and problems.

# These include:

Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place and made public, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.

Difficult-to-manage traffic conditions at the comer of Folsom and Chapman Streets. The projects have no on-street parking, and on-street parking will be eliminated from 2 more houses. (And, there is the potential for 4 additional new homes) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.

The project's lack of planning for garbage, recycling, and compost pickup will impace both public health and safety.

The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.

The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific NTSB and Pipeline Information and Protection Act protocols that should be followed for all land use near pipelines, and we expect assurances from you that these will be met.

This is your opportunity to keep your promise to the keep the citizens of San Francisco safe by requiring that a complete environmental review is undertaken and all appropriate safety measures are in place before any construction is approved for this undeveloped section of Folsom Street and the adjacent properties. We also request that the safety measures and oversight is transparent to the impacted neighbors.

Sincerely,

Name & Signature

email:

324 MOULTPLEST

Date

**Board of Supervisors** 

Dear Board Members,

Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety and problems.

### These include:

Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place and made public, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.

Difficult-to-manage traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking, and on-street parking will be eliminated from 2 more houses. (And, there is the potential for 4 additional new homes) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.

The project's lack of planning for garbage, recycling, and compost pickup will impace both public health and safety.

The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.

The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific NTSB and Pipeline Information and Protection Act protocols that should be followed for all land use near pipelines, and we expect assurances from you that these will be met.

This is your opportunity to keep your promise to the keep the citizens of San Francisco safe by requiring that a complete environmental review is undertaken and all appropriate safety measures are in place before any construction is approved for this undeveloped section of Folsom Street and the adjacent properties. We also request that the safety measures and oversight is transparent to the impacted neighbors.

Sincerely,

Name & Signature

email:

Address

Date

**Board of Supervisors** 

Dear Board Members.

Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety and problems.

#### These include:

Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place and made public, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.

Difficult-to-manage traffic conditions at the comer of Folsom and Chapman Streets. The projects have no on-street parking, and on-street parking will be eliminated from 2 more houses. (And, there is the potential for 4 additional new homes) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.

The project's lack of planning for garbage, recycling, and compost pickup will impace both public health and safety.

The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.

The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific NTSB and Pipeline Information and Protection Act protocols that should be followed for all land use near pipelines, and we expect assurances from you that these will be met.

This is your opportunity to keep your promise to the keep the citizens of San Francisco safe by requiring that a complete environmental review is undertaken and all appropriate safety measures are in place before any construction is approved for this undeveloped section of Folsom Street and the adjacent properties. We also request that the safety measures and oversight is transparent to the impacted neighbors.

Sincerely,

Name & Signature

email:

324 MOUTHIEST

Date

Date:

7/12/16

**Board of Supervisors** 

Dear Board Members.

Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety and problems.

#### These include:

Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place and made public, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.

Difficult-to-manage traffic conditions at the comer of Folsom and Chapman Streets. The projects have no on-street parking, and on-street parking will be eliminated from 2 more houses. (And, there is the potential for 4 additional new homes) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.

The project's lack of planning for garbage, recycling, and compost pickup will impace both public health and safety.

The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.

The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific NTSB and Pipeline Information and Protection Act protocols that should be followed for all land use near pipelines, and we expect assurances from you that these will be met.

This is your opportunity to keep your promise to the keep the citizens of San Francisco safe by requiring that a complete environmental review is undertaken and all appropriate safety measures are in place before any construction is approved for this undeveloped section of Folsom Street and the adjacent properties. We also request that the safety measures and oversight is transparent to the impacted neighbors.

Sincerely.

Name & Signature

email!

310 MOULTRIE

**Board of Supervisors** 

Dear Board Members,

Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety and problems.

#### These include:

Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place and made public, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.

Difficult-to-manage traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking, and on-street parking will be eliminated from 2 more houses. (And, there is the potential for 4 additional new homes) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.

The project's lack of planning for garbage, recycling, and compost pickup will impace both public health and safety.

The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.

The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific NTSB and Pipeline Information and Protection Act protocols that should be followed for all land use near pipelines, and we expect assurances from you that these will be met.

This is your opportunity to keep your promise to the keep the citizens of San Francisco safe by requiring that a complete environmental review is undertaken and all appropriate safety measures are in place before any construction is approved for this undeveloped section of Folsom Street and the adjacent properties. We also request that the safety measures and oversight is transparent to the impacted neighbors.

Sincerely	2858 Gepennen &	7/13/11
Name & Signature	Address	Date
enail: Conviority		

7/12/16

**Board of Supervisors** 

Dear Board Members.

Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety and problems.

#### These include:

Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place and made public, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.

Difficult-to-manage traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking, and on-street parking will be eliminated from 2 more houses. (And, there is the potential for 4 additional new homes) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.

The project's lack of planning for garbage, recycling, and compost pickup will impace both public health and safety.

The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.

The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific NTSB and Pipeline Information and Protection Act protocols that should be followed for all land use near pipelines, and we expect assurances from you that these will be met.

This is your opportunity to keep your promise to the keep the citizens of San Francisco safe by requiring that a complete environmental review is undertaken and all appropriate safety measures are in place before any construction is approved for this undeveloped section of Folsom Street and the adjacent properties. We also request that the safety measures and oversight is transparent to the impacted neighbors.

Name & Signature

JOHN BANKOVITCH

email!

BSD MNIPEROVEMABUD. 7-13-16

7/13/16

**Board of Supervisors** 

Dear Board Members,

Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety and problems.

#### These include:

Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place and made public, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.

Difficult-to-manage traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking, and on-street parking will be eliminated from 2 more houses. (And, there is the potential for 4 additional new homes) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.

The project's lack of planning for garbage, recycling, and compost pickup will impace both public health and safety.

The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.

The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific NTSB and Pipeline Information and Protection Act protocols that should be followed for all land use near pipelines, and we expect assurances from you that these will be met.

Sincerely,		
agraylor	1920 Pine St.	7/13/16
Name & Signature	Address	Date '
enail.		

Date: 7/13/16

**Board of Supervisors** 

Dear Board Members.

Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety and problems.

#### These include:

Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place and made public, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.

Difficult-to-manage traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking, and on-street parking will be eliminated from 2 more houses. (And, there is the potential for 4 additional new homes) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.

The project's lack of planning for garbage, recycling, and compost pickup will impace both public health and safety.

The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.

The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific NTSB and Pipeline Information and Protection Act protocols that should be followed for all land use near pipelines, and we expect assurances from you that these will be met.

This is your opportunity to keep your promise to the keep the citizens of San Francisco safe by requiring that a complete environmental review is undertaken and all appropriate safety measures are in place before any construction is approved for this undeveloped section of Folsom Street and the adjacent properties. We also request that the safety measures and oversight is transparent to the impacted neighbors.

Sincerely,

Name & Signature

Address

Date

Date: 7/13/16

**Board of Supervisors** 

Dear Board Members,

Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety and problems.

## These include:

Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place and made public, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.

Difficult-to-manage traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking, and on-street parking will be eliminated from 2 more houses. (And, there is the potential for 4 additional new homes) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.

The project's lack of planning for garbage, recycling, and compost pickup will impace both public health and safety.

The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.

The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific NTSB and Pipeline Information and Protection Act protocols that should be followed for all land use near pipelines, and we expect assurances from you that these will be met.

This is your opportunity to keep your promise to the keep the citizens of San Francisco safe by requiring that a complete environmental review is undertaken and all appropriate safety measures are in place before any construction is approved for this undeveloped section of Folsom Street and the adjacent properties. We also request that the safety measures and oversight is transparent to the impacted neighbors.

Sincerely,

Name & Signature

email:

Address

Date /

7/13/16

**Board of Supervisors** 

Dear Board Members.

Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety and problems.

#### These include:

Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place and made public, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.

Difficult-to-manage traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking, and on-street parking will be eliminated from 2 more houses. (And, there is the potential for 4 additional new homes) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.

The project's lack of planning for garbage, recycling, and compost pickup will impace both public health and safety.

The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.

The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific NTSB and Pipeline Information and Protection Act protocols that should be followed for all land use near pipelines, and we expect assurances from you that these will be met.

This is your opportunity to keep your promise to the keep the citizens of San Francisco safe by requiring that a complete environmental review is undertaken and all appropriate safety measures are in place before any construction is approved for this undeveloped section of Folsom Street and the adjacent properties. We also request that the safety measures and oversight is transparent to the impacted neighbors.

Sincerely,

Name & Signature

email!

265 Mallunca Wal

Address

Date

**Board of Supervisors** 

Dear Board Members.

Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety and problems.

## These include:

Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place and made public, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.

Difficult-to-manage traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking, and on-street parking will be eliminated from 2 more houses. (And, there is the potential for 4 additional new homes) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.

The project's lack of planning for garbage, recycling, and compost pickup will impace both public health and safety.

The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.

The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific NTSB and Pipeline Information and Protection Act protocols that should be followed for all land use near pipelines, and we expect assurances from you that these will be met.

This is your opportunity to keep your promise to the keep the citizens of San Francisco safe by requiring that a complete environmental review is undertaken and all appropriate safety measures are in place before any construction is approved for this undeveloped section of Folsom Street and the adjacent properties. We also request that the safety measures and oversight is transparent to the impacted neighbors.

Sincerely.

Name & Signature

Address

Date

**Board of Supervisors** 

Dear Board Members.

Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety and problems.

#### These include:

Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place and made public, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.

Difficult-to-manage traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking, and on-street parking will be eliminated from 2 more houses. (And, there is the potential for 4 additional new homes) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.

The project's lack of planning for garbage, recycling, and compost pickup will impace both public health and safety.

The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.

The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific NTSB and Pipeline Information and Protection Act protocols that should be followed for all land use near pipelines, and we expect assurances from you that these will be met.

This is your opportunity to keep your promise to the keep the citizens of San Francisco safe by requiring that a complete environmental review is undertaken and all appropriate safety measures are in place before any construction is approved for this undeveloped section of Folsom Street and the adjacent properties. We also request that the safety measures and oversight is transparent to the impacted neighbors.

Sincerely

Name & Signature

emecil!

310 Monthe J St-94110 7/6/16

Dear Supervisors,

# Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

## These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.
- Hazardous traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.
- The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

Sincerely,		
Alondra Ovellana Mass	108 Nevada Street	7/9/16
Name & Signature Alondra. r. ovcllana @ gmail. com	Address	Date
Email	Phone (optional)	<del>-</del> .

Dear Supervisors,

# Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

## These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.
- -Hazardous traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.
- The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

Sincerely,	(ocupation: Cort	and 833,SF)
Ossico Jawegni	2510 High St-Oal	kland, 07/09/16
Mame & Signature 10 SSICO JOUNGAVIOLO	Address	Date
Email gmail.com	Phone (optional)	

Dear Supervisors,

## Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

## These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.
- Hazardous traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- The project site's proposed steep street presents a significant threat to drivers and residents,
   and a liability issue for homeowners and the City.
- The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

This is your opportunity to keep your promise to assure that citizens of San Francisco are safe by requiring that a complete environmental review is undertaken and all appropriate safety measures are in place before any construction is approved for this undeveloped and vulnerable hillside. We also request that the safety measures and oversight are transparent to the impacted neighbors and the traffic/parking issues are addressed.

Name & Signature Pohan 37 Damail
Email

Address 44 1990

Phone (optional)

Dear Supervisors,

# Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

#### These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.
- Hazardous traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- . The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.
- The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

Sincerely, Dawales Ala Tolo	spelato 300 Ros	ana St#/	7/9/2011
Name & Signature	Address	Date	
Email	Phone (optional)		

Date:
Board of Supervisors
Dear Board Members,
Request for Environment Review - Our safety and even our lives are at stake.
Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety and problems.
These include:  Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place and made public, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.  Difficult-to-manage traffic conditions at the comer of Folsom and Chapman Streets. The projects have no on-street parking, and on-street parking will be eliminated from 2 more houses. (And, there is the potential for 4 additional new homes) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.  The project's lack of planning for garbage, recycling, and compost pickup will impace both public health and safety.  The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.  The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.
There are specific NTSB and Pipeline Information and Protection Act protocols that should be followed for all land use near pipelines, and we expect assurances from you that these will be met.
This is your opportunity to keep your promise to the keep the citizens of San Francisco safe by

Sincerely, Gord	on the Yerden	9417 (08)	Tid la
Name & Signature	Addi	ress	Date
email	fh	nc	•

Board of Supervisors

Dear Board Members.

Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety and problems.

### These include:

Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place and made public, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.

Difficult-to-manage traffic conditions at the comer of Folsom and Chapman Streets. The projects have no on-street parking, and on-street parking will be eliminated from 2 more houses. (And, there is the potential for 4 additional new homes) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.

The project's lack of planning for garbage, recycling, and compost pickup will impace both public health and safety.

The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.

The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific NTSB and Pipeline Information and Protection Act protocols that should be followed for all land use near pipelines, and we expect assurances from you that these will be met.

Sincerely,	D7 94127	7/9/16
Name & Signature	Address	Date
email <u>OCSCALQQ mail COM</u>	thone	

Board of Supervisors

Dear Board Members.

## Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety and problems.

## These include:

Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place and made public, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.

Difficult-to-manage traffic conditions at the comer of Folsom and Chapman Streets. The projects have no on-street parking, and on-street parking will be eliminated from 2 more houses. (And, there is the potential for 4 additional new homes) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.

The project's lack of planning for garbage, recycling, and compost pickup will impace both public health and safety.

The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.

The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific NTSB and Pipeline Information and Protection Act protocols that should be followed for all land use near pipelines, and we expect assurances from you that these will be met.

Sincerely,		
An Bui, again	112 0 tego And	7/9/16
Name & Signature	Address	Date
email	thone	,

Board of Supervisors

Dear Board Members,

Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety and problems.

#### These include:

Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place and made public, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.

Difficult-to-manage traffic conditions at the comer of Folsom and Chapman Streets. The projects have no on-street parking, and on-street parking will be eliminated from 2 more houses. (And, there is the potential for 4 additional new homes) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.

The project's lack of planning for garbage, recycling, and compost pickup will impace both public health and safety.

The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.

The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific NTSB and Pipeline Information and Protection Act protocols that should be followed for all land use near pipelines, and we expect assurances from you that these will be met.

Sincerely,		
Thronger Sa	27721 Ave	9,2016
Name & Signature	Address	Date
email Thomas. Lee 164 & again	Afhone ———	

Board of Supervisors

Dear Board Members,

Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety and problems.

## These include:

Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place and made public, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.

Difficult-to-manage traffic conditions at the comer of Folsom and Chapman Streets. The projects have no on-street parking, and on-street parking will be eliminated from 2 more houses. (And, there is the potential for 4 additional new homes) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.

The project's lack of planning for garbage, recycling, and compost pickup will impace both public health and safety.

The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.

The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific NTSB and Pipeline Information and Protection Act protocols that should be followed for all land use near pipelines, and we expect assurances from you that these will be met.

Sincerely,	\$936//is	7/1/6
Name & Signature	Address	Date
email	fhone —	

Board of Supervisors

Dear Board Members.

Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety and problems.

### These include:

Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place and made public, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.

Difficult-to-manage traffic conditions at the comer of Folsom and Chapman Streets. The projects have no on-street parking, and on-street parking will be eliminated from 2 more houses. (And, there is the potential for 4 additional new homes) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.

The project's lack of planning for garbage, recycling, and compost pickup will impace both public health and safety.

The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.

The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific NTSB and Pipeline Information and Protection Act protocols that should be followed for all land use near pipelines, and we expect assurances from you that these will be met.

Sincerely, Link TEn	362	Park St	7/9	12016
Name & Signature	Address		Date	
email	Phone			

Date:	
Board of Supervisors	
Dear Board Members,	
Request for Environment F	Review - Our safety and even our lives are at stake.
exemption from environmental review,	6 and 3526 Folsom Street have been given categorical however this particular plot of land, encompassing 6 lots and a otentially life-threatening, safety and problems.
These include:	
Construction by a prival recommended safety profile and property. All shared with residents.  Difficult-to-manage traff The projects have no or more houses. (And, the construction vehicles, a blocking access to man The project's lack of platooth public health and s	nning for garbage, recycling, and compost pickup will impace
	rissue for homeowners and the City.
	reate a north-facing solid wall blocking significant public vistas sulevard along the open-space park.
·	Pipeline Information and Protection Act protocols that near pipelines, and we expect assurances from you that
requiring that a complete environm measures are in place before any con	p your promise to the keep the citizens of San Francisco safe by ental review is undertaken and all appropriate safety struction is approved for this undeveloped section of Folsom fe also request that the safety measures and oversight is i.
Sincerely,	
LINEY HAME TON	262 VIENNAST 94/17 7/9/16
LINEY HAMILTON  Name & Signature	262 VIENNA ST 94112 7/9/16 Address Date
email	thone

Date: 7/9/16

Board of Supervisors

**Dear Board Members.** 

Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety and problems.

## These include:

Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place and made public, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.

Difficult-to-manage traffic conditions at the comer of Folsom and Chapman Streets. The projects have no on-street parking, and on-street parking will be eliminated from 2 more houses. (And, there is the potential for 4 additional new homes) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.

The project's lack of planning for garbage, recycling, and compost pickup will impace both public health and safety.

The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.

The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific NTSB and Pipeline Information and Protection Act protocols that should be followed for all land use near pipelines, and we expect assurances from you that these will be met.

Sincerely,		
anna McDonald	262 Vienna	St.,94112
Name & Signature	Address	Date
email	thone	

Board of Supervisors

Dear Board Members.

Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety and problems.

#### These include:

Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place and made public, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.

Difficult-to-manage traffic conditions at the comer of Folsom and Chapman Streets. The projects have no on-street parking, and on-street parking will be eliminated from 2 more houses. (And, there is the potential for 4 additional new homes) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.

The project's lack of planning for garbage, recycling, and compost pickup will impace both public health and safety.

The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.

The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific NTSB and Pipeline Information and Protection Act protocols that should be followed for all land use near pipelines, and we expect assurances from you that these will be met.

Sincerely,	94134		
Should on	220/m	rebur 07/109/16	
Name & Signature	Address	Date	
email	thone		

Board of Supervisors

Dear Board Members,

Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety and problems.

## These include:

Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place and made public, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.

Difficult-to-manage traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking, and on-street parking will be eliminated from 2 more houses. (And, there is the potential for 4 additional new homes) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.

The project's lack of planning for garbage, recycling, and compost pickup will impace both public health and safety.

The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.

The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific NTSB and Pipeline Information and Protection Act protocols that should be followed for all land use near pipelines, and we expect assurances from you that these will be met.

Sincerely,	a	•
Irene Smith Dune	8mol 370 Asht	on 7-9-16
Name & Signature	Address	Date
email alaska ivene	thone	
e yahoo, co	m	

Board of Supervisors

Dear Board Members,

Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety and problems.

#### These include:

Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place and made public, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.

Difficult-to-manage traffic conditions at the comer of Folsom and Chapman Streets. The projects have no on-street parking, and on-street parking will be eliminated from 2 more houses. (And, there is the potential for 4 additional new homes) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.

The project's lack of planning for garbage, recycling, and compost pickup will impace both public health and safety.

The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.

The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific NTSB and Pipeline Information and Protection Act protocols that should be followed for all land use near pipelines, and we expect assurances from you that these will be met.

Sincerely, Venc Smith	370 Ach ton the	7/9/11
Name & Signature	Address	Date
email hat blanco e yang)	thone	

**Board of Supervisors** 

Dear Board Members.

Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety and problems.

## These include:

Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place and made public, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.

Difficult-to-manage traffic conditions at the comer of Folsom and Chapman Streets. The projects have no on-street parking, and on-street parking will be eliminated from 2 more houses. (And, there is the potential for 4 additional new homes) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.

The project's lack of planning for garbage, recycling, and compost pickup will impace both public health and safety.

The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.

The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific NTSB and Pipeline Information and Protection Act protocols that should be followed for all land use near pipelines, and we expect assurances from you that these will be met.

Sincerely,			İ	1
John Yates Spanhyates	2106	48th Ave	7	9/16
Name & Signature ( / Add	iress		Date	
email journlyates@gmail.com ph	one <u>41</u>	5 242 246	م	

Dear Supervisors,

## Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

#### These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.
- Hazardous traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- . The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.
- The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

Sincerely,		·
Bussikelban Knewer Leve	-51 Prentiss ST.	7/7/14
Name & Signature	Address	Date
russell, kelban @sscrloby		·
Email UnsT	Phone (optional)	

Dear Supervisors,

# Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

## These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.
- -Hazardous traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.
- The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

Sincerely,	•	
The Brixes all forms	SI ARENTUS ST.	7/7/16
Name & Signature	Address	Date
pke. boures & Amil.com		
/Email / <i>(</i> /	Phone (optional)	

Board of Supervisors

Dear Board Members,

Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety and problems.

#### These include:

Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place and made public, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.

Difficult-to-manage traffic conditions at the comer of Folsom and Chapman Streets. The projects have no on-street parking, and on-street parking will be eliminated from 2 more houses. (And, there is the potential for 4 additional new homes) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.

The project's lack of planning for garbage, recycling, and compost pickup will impace both public health and safety.

The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.

The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific NTSB and Pipeline Information and Protection Act protocols that should be followed for all land use near pipelines, and we expect assurances from you that these will be met.

Sincerely,	<b>~</b>	CF CF	ſ /
Name & Signature	S#65 Address	2/3101,	7 12/16 Date
email	thone	970-799-1154	

**Board of Supervisors** 

Dear Board Members,

## Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety and problems.

#### These include:

- ▶ Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place and made public, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.
- Difficult-to-manage traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking, and on-street parking will be eliminated from 2 more houses. (And, there is the potential for 4 additional new homes) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- > The project's lack of planning for garbage, recycling, and compost pickup will impace both public health and safety.
- > The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.
- > The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific NTSB and Pipeline Information and Protection Act protocols that should be followed for all land use near pipelines, and we expect assurances from you that these will be met.

This is your opportunity to keep your promise to the keep the citizens of San Francisco safe by requiring that a complete environmental review is undertaken and all appropriate safety measures are in place before any construction is approved for this undeveloped section of Folsom Street and the adjacent properties. We also request that the safety measures and oversight is transparent to the impacted neighbors.

Sincerely,

540 ALABAMA \$TREET #318 7/6/2016 Address SF, C7 94110 Date

Dear Supervisors,

## Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

#### These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.
- -Hazardous traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.
- The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

Sincerely,		
BETA Hudson		7-13-16
Name & Signature Betty Hudsey	Address	Date
Betty Hudger	3-Datter st	<u>-</u>
Email / More	Phone (optional) 4/5- I	642-1079

Dear Supervisors,

# Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

#### These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.
- Hazardous traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.
- The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

This is your opportunity to keep your promise to assure that citizens of San Francisco are safe by requiring that a complete environmental review is undertaken and all appropriate safety measures are in place before any construction is approved for this undeveloped and vulnerable hillside. We also request that the safety measures and oversight are transparent to the impacted neighbors and the traffic/parking issues are addressed.

Name & Signature Address Date

MALIC MAN AND SECH 14400 7/13/2016

Name & Signature Address Date

MALI Shabazza gmail.com

Email Phone (optional)

Dear Supervisors,

## Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

### These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.
- Hazardous traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.
- The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

Sincerely,	133 His Wand Ave	L
Name & Signature Brown. a. michiller	Address	Date
Email $O$	Phone (optional)	

Dear Supervisors,

## Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

## These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.
- -Hazardous traffic conditions at the comer of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.
- The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

(Date) 7-12-16

San Francisco Board of Supervisors
City Hall
San Francisco, CA 94102
Dear Honorable Members of the Board

Re: Appeal of CEQA Categorical Exemption ("CatEx") Determination for Planning Case No. 2013.1383E

We request a complete, open, and transparent environmental impact review (EIR) for the proposed project at 3516 and 3526 Folsom Street.

- ➤ Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line. Line depth has never been determined. Line 109 is the same one as the line that blew up in the San Bruno disaster last decade.
- ➤ If approved, heavy earth moving equipment will be moving over this line for many months. In recent years a cement truck overturned on nearby street. The area of Upper Folsom is one of the steepest in the City. We fear for public safety in this area.
- ▶ Parking impact and traffic will be similarly negatively affected. No new onstreet parking is proposed; two garages and driveways currently in use will be rendered un-useable; residents will be unable to park cars needed for work and transportation. Traffic congestion at the corner of Folsom & Chapman, already difficult will become unmanageable. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "minisub-division". The environmental problems will surely, only, get worse.

Sincerely,	
fleboral Gebson	
TRESident_	
Holly Courts	111-11311 13-
email:	phone (optional) <u>473 - 424-7277</u>

(Date) 7-17/16	
----------------	--

San Francisco Board of Supervisors
City Hall
San Francisco, CA 94102
Dear Honorable Members of the Board

Re: Appeal of CEQA Categorical Exemption ("CatEx") Determination for Planning Case No. 2013.1383E

We request a complete, open, and transparent environmental impact review (EIR) for the proposed project at 3516 and 3526 Folsom Street.

- ➤ Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line. Line depth has never been determined. Line 109 is the same one as the line that blew up in the San Bruno disaster last decade.
- ➤ If approved, heavy earth moving equipment will be moving over this line for many months. In recent years a cement truck overturned on nearby street. The area of Upper Folsom is one of the steepest in the City. We fear for public safety in this area.
- Parking impact and traffic will be similarly negatively affected. No new onstreet parking is proposed; two garages and driveways currently in use will be rendered un-useable; residents will be unable to park cars needed for work and transportation. Traffic congestion at the corner of Folsom & Chapman, already difficult will become unmanageable. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "minisub-division". The environmental problems will surely, only, get worse.

Singerely!		
email: Brown. a. Michelle 29 phone (optional)_	,	

(Date)	7/17/2016
--------	-----------

San Francisco Board of Supervisors
City Hall
San Francisco, CA 94102
Dear Honorable Members of the Board

Re: Appeal of CEQA Categorical Exemption ("CatEx") Determination for Planning Case No. 2013.1383E

We request a complete, open, and transparent environmental impact review (EIR) for the proposed project at 3516 and 3526 Folsom Street.

- ➤ Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line. Line depth has never been determined. Line 109 is the same one as the line that blew up in the San Bruno disaster last decade.
- ➢ If approved, heavy earth moving equipment will be moving over this line for many months. In recent years a cement truck overturned on nearby street. The area of Upper Folsom is one of the steepest in the City. We fear for public safety in this area.
- ▶ Parking impact and traffic will be similarly negatively affected. No new onstreet parking is proposed; two garages and driveways currently in use will be rendered un-useable; residents will be unable to park cars needed for work and transportation. Traffic congestion at the corner of Folsom & Chapman, already difficult will become unmanageable. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "minisub-division". The environmental problems will surely, only, get worse.

Sincerely,	
Alex River	·
135 Highland Ave	
SF. CA. 94110	
email:	phone (optional) $40 1215-520$
<del></del>	

(Date) 7-13-2016

San Francisco Board of Supervisors
City Hall
San Francisco, CA 94102
Dear Honorable Members of the Board

Re: Appeal of CEQA Categorical Exemption ("CatEx") Determination for Planning Case No. 2013.1383E

We request a complete, open, and transparent environmental impact review (EIR) for the proposed project at 3516 and 3526 Folsom Street.

- ➤ Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line. Line depth has never been determined. Line 109 is the same one as the line that blew up in the San Bruno disaster last decade.
- ➤ If approved, heavy earth moving equipment will be moving over this line for many months. In recent years a cement truck overturned on nearby street. The area of Upper Folsom is one of the steepest in the City. We fear for public safety in this area.
- ➤ Parking impact and traffic will be similarly negatively affected. No new onstreet parking is proposed; two garages and driveways currently in use will be rendered un-useable; residents will be unable to park cars needed for work and transportation. Traffic congestion at the corner of Folsom & Chapman, already difficult will become unmanageable. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "minisub-division". The environmental problems will surely, only, get worse.

email:	phone (optional)	
173 Highland AVE		
Sincerely,		

	7 12-	16	
(Date)	7-13-1	70	
· · · - · - · - ·	·		

(

San Francisco Board of Supervisors
City Hall
San Francisco, CA 94102
Dear Honorable Members of the Board

Sincerely

Re: Appeal of CEQA Categorical Exemption ("CatEx") Determination for Planning Case No. 2013.1383E

We request a complete, open, and transparent environmental impact review (EIR) for the proposed project at 3516 and 3526 Folsom Street.

- ➤ Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line. Line depth has never been determined. Line 109 is the same one as the line that blew up in the San Bruno disaster last decade.
- ➤ If approved, heavy earth moving equipment will be moving over this line for many months. In recent years a cement truck overturned on nearby street. The area of Upper Folsom is one of the steepest in the City. We fear for public safety in this area.
- ▶ Parking impact and traffic will be similarly negatively affected. No new onstreet parking is proposed; two garages and driveways currently in use will be rendered un-useable; residents will be unable to park cars needed for work and transportation. Traffic congestion at the corner of Folsom & Chapman, already difficult will become unmanageable. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "minisub-division". The environmental problems will surely, only, get worse.

Noseph Hamilto	-Can			
<u> </u>				
<u> </u>				
email: Uoseph magnus	hamilton caing	2, phone (o	ptional)	
, ,		7221.00		

(Date) 7-/3-16

San Francisco Board of Supervisors
City Hall
San Francisco, CA 94102
Dear Honorable Members of the Board

Re: Appeal of CEQA Categorical Exemption ("CatEx") Determination for Planning Case No. 2013.1383E

We request a complete, open, and transparent environmental impact review (EIR) for the proposed project at 3516 and 3526 Folsom Street.

- ➤ Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line. Line depth has never been determined. Line 109 is the same one as the line that blew up in the San Bruno disaster last decade.
- ➢ If approved, heavy earth moving equipment will be moving over this line for many months. In recent years a cement truck overturned on nearby street. The area of Upper Folsom is one of the steepest in the City. We fear for public safety in this area.
- ▶ Parking impact and traffic will be similarly negatively affected. No new onstreet parking is proposed; two garages and driveways currently in use will be rendered un-useable; residents will be unable to park cars needed for work and transportation. Traffic congestion at the corner of Folsom & Chapman, already difficult will become unmanageable. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "minisub-division". The environmental problems will surely, only, get worse.

Sincerely,		•
Betty Hudson		
3-patter st		
5,7,6a,94110		W- 1 11 1000
email:	phone (optional)	415-642-1079

(Date) 7/13/2016

San Francisco Board of Supervisors
City Hall
San Francisco, CA 94102
Dear Honorable Members of the Board

Re: Appeal of CEQA Categorical Exemption ("CatEx") Determination for Planning Case No. 2013.1383E

We request a complete, open, and transparent environmental impact review (EIR) for the proposed project at 3516 and 3526 Folsom Street.

- ➤ Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line. Line depth has never been determined. Line 109 is the same one as the line that blew up in the San Bruno disaster last decade.
- ➤ If approved, heavy earth moving equipment will be moving over this line for many months. In recent years a cement truck overturned on nearby street. The area of Upper Folsom is one of the steepest in the City. We fear for public safety in this area.
- ➢ Parking impact and traffic will be similarly negatively affected. No new onstreet parking is proposed; two garages and driveways currently in use will be rendered un-useable; residents will be unable to park cars needed for work and transportation. Traffic congestion at the corner of Folsom & Chapman, already difficult will become unmanageable. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "minisub-division". The environmental problems will surely, only, get worse.

Sincerely,		•	
Malik Ali			
100 Appleton Ave			
S.F. (A. 9180-94110	,		
email: moalishabazzoamail.com phone (optional)	NA	<del> </del>	
	1		

(Date)	7/13/2016
. ,	the same of the sa

San Francisco Board of Supervisors
City Hall
San Francisco, CA 94102
Dear Honorable Members of the Board

Re: Appeal of CEQA Categorical Exemption ("CatEx") Determination for Planning Case No. 2013.1383E

We request a complete, open, and transparent environmental impact review (EIR) for the proposed project at 3516 and 3526 Folsom Street.

- ➤ Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line. Line depth has never been determined. Line 109 is the same one as the line that blew up in the San Bruno disaster last decade.
- ➤ If approved, heavy earth moving equipment will be moving over this line for many months. In recent years a cement truck overturned on nearby street. The area of Upper Folsom is one of the steepest in the City. We fear for public safety in this area.
- ▶ Parking impact and traffic will be similarly negatively affected. No new onstreet parking is proposed; two garages and driveways currently in use will be rendered un-useable; residents will be unable to park cars needed for work and transportation. Traffic congestion at the corner of Folsom & Chapman, already difficult will become unmanageable. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "minisub-division". The environmental problems will surely, only, get worse.

Sincerely,	
email: My DESILIA @Gu	phone (optional) $(4/1)$ 967977

(Date) 07/13/19

San Francisco Board of Supervisors City Hall San Francisco, CA 94102 Dear Honorable Members of the Board

Re: Appeal of CEQA Categorical Exemption ("CatEx") Determination for Planning Case No. 2013.1383E

We request a complete, open, and transparent environmental impact review (EIR) for the proposed project at 3516 and 3526 Folsom Street.

- ➤ Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line. Line depth has never been determined. Line 109 is the same one as the line that blew up in the San Bruno disaster last decade.
- ➤ If approved, heavy earth moving equipment will be moving over this line for many months. In recent years a cement truck overturned on nearby street. The area of Upper Folsom is one of the steepest in the City. We fear for public safety in this area.
- ➢ Parking impact and traffic will be similarly negatively affected. No new onstreet parking is proposed; two garages and driveways currently in use will be rendered un-useable; residents will be unable to park cars needed for work and transportation. Traffic congestion at the corner of Folsom & Chapman, already difficult will become unmanageable. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "minisub-division". The environmental problems will surely, only, get worse.

Sincerely,	
Janual form	
141 Mighland AND	·
SF 12 9410	•
email: Kwww_cwp/www, www.phone (optional)_	

Dear Supervisors,

## Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

#### These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.
- -Hazardous traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.
- The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

This is your opportunity to keep your promise to assure that citizens of San Francisco are safe by requiring that a complete environmental review is undertaken and all appropriate safety measures are in place before any construction is approved for this undeveloped and vulnerable hillside. We also request that the safety measures and oversight are transparent to the impacted neighbors and the traffic/parking issues are addressed.

Sincerely,	•	
William Topus /*	152 Appleton, AVE	7-13-16
Name & Signature	(413) 647-51 B7	Date
Email	Phone (optional)	

	77	19	1/	
(Date)	_/ _/	13-	16	

San Francisco Board of Supervisors
City Hall
San Francisco, CA 94102
Dear Honorable Members of the Board

Re: Appeal of CEQA Categorical Exemption ("CatEx") Determination for Planning Case No. 2013.1383E

We request a complete, open, and transparent environmental impact review (EIR) for the proposed project at 3516 and 3526 Folsom Street.

- ➤ Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line. Line depth has never been determined. Line 109 is the same one as the line that blew up in the San Bruno disaster last decade.
- ➤ If approved, heavy earth moving equipment will be moving over this line for many months. In recent years a cement truck overturned on nearby street. The area of Upper Folsom is one of the steepest in the City. We fear for public safety in this area.
- ➢ Parking impact and traffic will be similarly negatively affected. No new onstreet parking is proposed; two garages and driveways currently in use will be rendered un-useable; residents will be unable to park cars needed for work and transportation. Traffic congestion at the corner of Folsom & Chapman, already difficult will become unmanageable. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "minisub-division". The environmental problems will surely, only, get worse.

email:	phone (optional)	
SP Ca 94/10		
16 Apoleton HOL	_	
La Coays Contrescen)		
Sincerely,		

Dear Supervisors,

## Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

#### These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.
- -Hazardous traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.
- The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

This is your opportunity to keep your promise to assure that citizens of San Francisco are safe by requiring that a complete environmental review is undertaken and all appropriate safety measures are in place before any construction is approved for this undeveloped and vulnerable hillside. We also request that the safety measures and oversight are transparent to the impacted neighbors and the traffic/parking issues are addressed.

Sincerely,  Sincerely,  Mane & Signature	1/6 Apple Con Ale Address	$\frac{7-13-16}{\text{Date}}$
Email	Phone (optional)	

(Date) 7/13/2016

San Francisco Board of Supervisors
City Hall
San Francisco, CA 94102
Dear Honorable Members of the Board

Re: Appeal of CEQA Categorical Exemption ("CatEx") Determination for Planning Case No. 2013.1383E

We request a complete, open, and transparent environmental impact review (EIR) for the proposed project at 3516 and 3526 Folsom Street.

- ➤ Our neighborhood is negatively impacted by this project. It threatens public safety as it is located adjacent to an aging 26-inch major gas transmission line. Line depth has never been determined. Line 109 is the same one as the line that blew up in the San Bruno disaster last decade.
- ➢ If approved, heavy earth moving equipment will be moving over this line for many months. In recent years a cement truck overturned on nearby street. The area of Upper Folsom is one of the steepest in the City. We fear for public safety in this area.
- ▶ Parking impact and traffic will be similarly negatively affected. No new onstreet parking is proposed; two garages and driveways currently in use will be rendered un-useable; residents will be unable to park cars needed for work and transportation. Traffic congestion at the corner of Folsom & Chapman, already difficult will become unmanageable. The proposed project is a "gateway" for four (4) other sites on the property to be developed. When this occurs the project now becomes a six (6) unit "minisub-division". The environmental problems will surely, only, get worse.

Sincerely,	
Bublet Corper	
155 171 Hughland	40
94110	
email:	phone (optional) 415-245-8436

Dear Supervisors,

## Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

#### These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.
- Hazardous traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- The project site's proposed steep street presents a significant threat to drivers and residents,
   and a liability issue for homeowners and the City.
- The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

This is your opportunity to keep your promise to assure that citizens of San Francisco are safe by requiring that a complete environmental review is undertaken and all appropriate safety measures are in place before any construction is approved for this undeveloped and vulnerable hillside. We also request that the safety measures and oversight are transparent to the impacted neighbors and the traffic/parking issues are addressed.

Sincerely,			
Name & Signature	Address	Date	
Email	Phone (optional)	· · · · · · · · · · · · · · · · · · ·	

# How dangerous is the situation? Our lives are at stake.

Join us in demanding that the Board of Supervisors require evidence of environmental safety before approving construction on the 3500 block of Folsom Street.

You SHOULD be concerned for your safety and the safety of your neighbors. With a PG&E Gas Transmission Pipeline (similar to San Bruno) at an unknown depth beneath a vulnerable steep hillside, we're worried. Very worried. The designs for 2 homes were approved and given a categorical (rubber stamp) exemption from environmental review. We believe this project and the underlying safety issues require a closer look by experts to convince both officials and neighbors that the project, which involves construction by a private developer, poses no risk to the public.

Join us in urging the Board of Supervisors to require an environmental review before any construction takes place on the street right of way or vacant lots at 3516 and 3526 Folsom Street. (Near the Community Garden) Why?

- → A 26" PG&E Gas Transmission Pipeline runs at an unknown depth under the surface of an erosion-prone steep hill. The neighbors need evidence that National Transportation Safety Board safety guidelines are being vigorously enforced. The result of even a slight mishap would be similar to the San Bruno explosion and could mean loss of lives as well as property. Construction is a primary cause of pipeline damage.
- Any construction at the corner of Folsom and Chapman will require large, heavily loaded trucks to negotiate the difficult intersection at Folsom and Powhattan, which may or may not be done successfully. If a vehicle gets stuck or needs to back up because it cannot turn around, it must back down Folsom Street, which is, in itself, dangerous. (We have evidence that some emergency vehicles, like the hook & ladder, bottom out on Prentiss St. and are unable to access these homes. Other vehicles lack the power to make it up Prentiss.)
- → <u>Blocking Folsom or Chapman Street in any way eliminates access for some emergency vehicles to all homes and properties north of Chapman Street.</u> In the past, delays of ambulances and fire trucks have already endangered lives on multiple occasions. Not long ago, a cement truck overturned at the corner of Powhattan and Folsom, blocking the intersection for the day, <u>and</u> a backhoe slid down the hill on the Banks Street right-of way, crushing a parked car.
- → <u>Parking will be an ongoing major problem</u>, especially if the other 4 vacant lots are developed-a total of 6 lots-imagine if vehicle access to the homes is arduous, 12 or more cars will require street parking on adjacent streets where parking is already scarce.
- → Construction of the steep street or sidewalk will cause excessive water runoff down the hill.

Dear Supervisors,

## Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

#### These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.
- -Hazardous traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.
- The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

This is your opportunity to keep your promise to assure that citizens of San Francisco are safe by requiring that a complete environmental review is undertaken and all appropriate safety measures are in place before any construction is approved for this undeveloped and vulnerable hillside. We also request that the safety measures and oversight are transparent to the impacted neighbors and the traffic/parking issues are addressed.

Sincerely,

CALE ROSEMON)

Sincerely,

CALE (VER AT (38 BANKS.)

Sincerely,

CALE (VER AT (38 BANKS.)

Address

COSEMON O. Gayle

Email

Date

15527 6581

Phone (optional)

Dear Supervisors,

## Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

#### These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.
- -Hazardous traffic conditions at the comer of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.
- The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

This is your opportunity to keep your promise to assure that citizens of San Francisco are safe by requiring that a complete environmental review is undertaken and all appropriate safety measures are in place before any construction is approved for this undeveloped and vulnerable hillside. We also request that the safety measures and oversight are transparent to the impacted neighbors and the traffic/parking issues are addressed.

Sincerely, 2		,
Jacquelon DKeddah	115 Gates 84.	7-8-14
Name & Signature	Address	Date
Email Kaddheortlook.com	Phone (optional)	<del>-</del>

Dear Supervisors,

## Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

#### These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.
- -Hazardous traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.
- The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

This is your opportunity to keep your promise to assure that citizens of San Francisco are safe by requiring that a complete environmental review is undertaken and all appropriate safety measures are in place before any construction is approved for this undeveloped and vulnerable hillside. We also request that the safety measures and oversight are transparent to the impacted neighbors and the traffic/parking issues are addressed.

Sincerely, KAREEM KADDAH Karlem Kaddah	105 GATES ST.	7-9-16
Name & Signature	Address	Date
KADDAH @ OUTLOOK, COM		
Email	Phone (optional)	

**Board of Supervisors** 

Dear Board Members,

Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety and problems.

#### These include:

Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place and made public, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.

Difficult-to-manage traffic conditions at the comer of Folsom and Chapman Streets. The projects have no on-street parking, and on-street parking will be eliminated from 2 more houses. (And, there is the potential for 4 additional new homes) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.

The project's lack of planning for garbage, recycling, and compost pickup will impace both public health and safety.

The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.

The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific NTSB and Pipeline Information and Protection Act protocols that should be followed for all land use near pipelines, and we expect assurances from you that these will be met.

Sincerely,			( )
Jenny En eiso-B	27 Crescent	AMETB	7/9/16
Name & Signature	Address	<del></del>	Date
email Jenny blank Daolcom	thone —		·

Board of Supervisors

Dear Board Members.

Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety and problems.

## These include:

Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place and made public, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.

Difficult-to-manage traffic conditions at the comer of Folsom and Chapman Streets. The projects have no on-street parking, and on-street parking will be eliminated from 2 more houses. (And, there is the potential for 4 additional new homes) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.

The project's lack of planning for garbage, recycling, and compost pickup will impace both public health and safety.

The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.

The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific NTSB and Pipeline Information and Protection Act protocols that should be followed for all land use near pipelines, and we expect assurances from you that these will be met.

Sincerely,	659 Rlowoff	29/16
Name & Signature	Address	Date
email	fhone	

Date:	
Board of Superviso	)rs ·

Dear Board Members.

## Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety and problems.

## These include:

Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place and made public, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.

Difficult-to-manage traffic conditions at the comer of Folsom and Chapman Streets. The projects have no on-street parking, and on-street parking will be eliminated from 2 more houses. (And, there is the potential for 4 additional new homes) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.

The project's lack of planning for garbage, recycling, and compost pickup will impace both public health and safety.

The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.

The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific NTSB and Pipeline Information and Protection Act protocols that should be followed for all land use near pipelines, and we expect assurances from you that these will be met.

Sincerely,	•		·	
Www.	SAM	350	ALEMANY DLI	10 7/9/16
Name & Signature	4777074M81	Address		Date
email		thone		

Board of Supervisors

Dear Board Members:

Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety and problems.

#### These include:

Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place and made public, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.

Difficult-to-manage traffic conditions at the comer of Folsom and Chapman Streets. The projects have no on-street parking, and on-street parking will be eliminated from 2 more houses. (And, there is the potential for 4 additional new homes) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.

The project's lack of planning for garbage, recycling, and compost pickup will impace both public health and safety.

The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.

The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific NTSB and Pipeline Information and Protection Act protocols that should be followed for all land use near pipelines, and we expect assurances from you that these will be met.

Sincerely,		
Magdoleus homero	2009 HUSSION St.	07/09/16
Name & Signature	Address	Date
email	thone	

Board of Supervisors

Dear Board Members.

Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety and problems.

## These include:

Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place and made public, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.

Difficult-to-manage traffic conditions at the comer of Folsom and Chapman Streets. The projects have no on-street parking, and on-street parking will be eliminated from 2 more houses. (And, there is the potential for 4 additional new homes) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.

The project's lack of planning for garbage, recycling, and compost pickup will impace both public health and safety.

The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.

The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific NTSB and Pipeline Information and Protection Act protocols that should be followed for all land use near pipelines, and we expect assurances from you that these will be met.

Sincerely,			
Anstran Planings Name & Signature She W	22.	G-CADYS ST	9 JUL 2016
Name & Signature du W	Address	SE, CA 9440	Date
email	Phone	415 826 0830	

Board of Supervisors

Dear Board Members.

Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety and problems.

#### These include:

Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place and made public, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.

Difficult-to-manage traffic conditions at the comer of Folsom and Chapman Streets. The projects have no on-street parking, and on-street parking will be eliminated from 2 more houses. (And, there is the potential for 4 additional new homes) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.

The project's lack of planning for garbage, recycling, and compost pickup will impace both public health and safety.

The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.

The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific NTSB and Pipeline Information and Protection Act protocols that should be followed for all land use near pipelines, and we expect assurances from you that these will be met.

This is your opportunity to keep your promise to the keep the citizens of San Francisco safe by requiring that a complete environmental review is undertaken and all appropriate safety measures are in place before any construction is approved for this undeveloped section of Folsom Street and the adjacent properties. We also request that the safety measures and oversight is transparent to the impacted neighbors.

Sincerely,

Dovis (hen 364 Europa St 7/7/16.

Name & Signature Address Date

email djohen 12288 yehro. in thone 310 "

Board of Supervisors

**Dear Board Members:** 

Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety and problems.

#### These include:

Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place and made public, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.

Difficult-to-manage traffic conditions at the comer of Folsom and Chapman Streets. The projects have no on-street parking, and on-street parking will be eliminated from 2 more houses. (And, there is the potential for 4 additional new homes) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.

The project's lack of planning for garbage, recycling, and compost pickup will impace both public health and safety.

The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.

The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific NTSB and Pipeline Information and Protection Act protocols that should be followed for all land use near pipelines, and we expect assurances from you that these will be met.

Sincerely, Herry Fra	1018	Cortland Avez 7/9/4
Name & Signature	Address	Date
Name & Signature Henry Fuerte email	f hone	

Board of Supervisors

Dear Board Members:

Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety and problems.

#### These include:

Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place and made public, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.

Difficult-to-manage traffic conditions at the comer of Folsom and Chapman Streets. The projects have no on-street parking, and on-street parking will be eliminated from 2 more houses. (And, there is the potential for 4 additional new homes) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.

The project's lack of planning for garbage, recycling, and compost pickup will impace both public health and safety.

The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.

The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific NTSB and Pipeline Information and Protection Act protocols that should be followed for all land use near pipelines, and we expect assurances from you that these will be met.

Sincerely,	•	
Burden Vario	TEER Chavenge	07/9/16
Name & Signature	Address	Date
email	thone	

Board of Supervisors

Dear Board Members,

Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety and problems.

#### These include:

Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place and made public, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.

Difficult-to-manage traffic conditions at the comer of Folsom and Chapman Streets. The projects have no on-street parking, and on-street parking will be eliminated from 2 more houses. (And, there is the potential for 4 additional new homes) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.

The project's lack of planning for garbage, recycling, and compost pickup will impace both public health and safety.

The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.

The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific NTSB and Pipeline Information and Protection Act protocols that should be followed for all land use near pipelines, and we expect assurances from you that these will be met.

Sincerely,  Tiol/anni Mazzoni	Teen Chullenge	7/9/16
Name & Signature Menum	Address Valencia St.	Date
email	thone	

Board of Supervisors

Dear Board Members.

Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety and problems.

#### These include:

Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place and made public, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.

Difficult-to-manage traffic conditions at the comer of Folsom and Chapman Streets. The projects have no on-street parking, and on-street parking will be eliminated from 2 more houses. (And, there is the potential for 4 additional new homes) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.

The project's lack of planning for garbage, recycling, and compost pickup will impace both public health and safety.

The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.

The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific NTSB and Pipeline Information and Protection Act protocols that should be followed for all land use near pipelines, and we expect assurances from you that these will be met.

This is your opportunity to keep your promise to the keep the citizens of San Francisco safe by requiring that a complete environmental review is undertaken and all appropriate safety measures are in place before any construction is approved for this undeveloped section of Folsom Street and the adjacent properties. We also request that the safety measures and oversight is transparent to the impacted neighbors.

Sincerely,

136 Chester AVe 7/9/16

Name & Signature Address Date

Email Blue yoshi & 20h0tm, 1. coAfhone

**Board of Supervisors** 

Dear Board Members.

Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety and problems.

#### These include:

Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place and made public, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.

Difficult-to-manage traffic conditions at the comer of Folsom and Chapman Streets. The projects have no on-street parking, and on-street parking will be eliminated from 2 more houses. (And, there is the potential for 4 additional new homes) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.

The project's lack of planning for garbage, recycling, and compost pickup will impace both public health and safety.

The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.

The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific NTSB and Pipeline Information and Protection Act protocols that should be followed for all land use near pipelines, and we expect assurances from you that these will be met.

Sincerely, //		1 (
ROBER AVILA	388 Parkst.	7/9/16
Name & Signature	Address	Date
email roav 2001 @ yahoo.	fhone —	

Board of Supervisors

Dear Board Members.

Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety and problems.

#### These include:

Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place and made public, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.

Difficult-to-manage traffic conditions at the comer of Folsom and Chapman Streets. The projects have no on-street parking, and on-street parking will be eliminated from 2 more houses. (And, there is the potential for 4 additional new homes) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.

The project's lack of planning for garbage, recycling, and compost pickup will impace both public health and safety.

The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.

The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific NTSB and Pipeline Information and Protection Act protocols that should be followed for all land use near pipelines, and we expect assurances from you that these will be met.

Sincerely,	20 AgnonA	ur. 7/9/16
Name & Signature	Address	Date
email	fhone	

Board of Supervisors

Dear Board Members.

Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety and problems.

#### These include:

Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place and made public, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.

Difficult-to-manage traffic conditions at the comer of Folsom and Chapman Streets. The projects have no on-street parking, and on-street parking will be eliminated from 2 more houses. (And, there is the potential for 4 additional new homes) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.

The project's lack of planning for garbage, recycling, and compost pickup will impace both public health and safety.

The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.

The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific NTSB and Pipeline Information and Protection Act protocols that should be followed for all land use near pipelines, and we expect assurances from you that these will be met.

This is your opportunity to keep your promise to the keep the citizens of San Francisco safe by requiring that a complete environmental review is undertaken and all appropriate safety measures are in place before any construction is approved for this undeveloped section of Folsom Sireet and the adjacent properties. We also request that the safety measures and oversight is transparent to the impacted neighbors.

Sincerely.

Name & Signature

91 W. Com Phone

Date

**Board of Supervisors** 

Dear Board Members,

Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety and problems.

## These include:

Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place and made public, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.

Difficult-to-manage traffic conditions at the comer of Folsom and Chapman Streets. The projects have no on-street parking, and on-street parking will be eliminated from 2 more houses. (And, there is the potential for 4 additional new homes) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.

The project's lack of planning for garbage, recycling, and compost pickup will impace both public health and safety.

The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.

The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific NTSB and Pipeline Information and Protection Act protocols that should be followed for all land use near pipelines, and we expect assurances from you that these will be met.

Sincerely,		
Jan Freiten	1919 CHENT IT	F 114.
Name & Signature	Address	Date
email	fhone —	÷

Date:
Board of Supervisors
Dear Board Members:
Request for Environment Review - Our safety and even our lives are at stake.
Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety and problems.
These include:
Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place and made public, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.  Difficult-to-manage traffic conditions at the comer of Folsom and Chapman Streets. The projects have no on-street parking, and on-street parking will be eliminated from 2 more houses. (And, there is the potential for 4 additional new homes) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.  The project's lack of planning for garbage, recycling, and compost pickup will impace both public health and safety.  The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.  The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.
There are specific NTSB and Pipeline Information and Protection Act protocols that should be followed for all land use near pipelines, and we expect assurances from you that these will be met.
This is your opportunity to keep your promise to the keep the citizens of San Francisco safe by requiring that a complete environmental review is undertaken and all appropriate safety measures are in place before any construction is approved for this undeveloped section of Folsom Street and the adjacent properties. We also request that the safety measures and oversight is transparent to the impacted neighbors.
Sincerely,
Name & Signature Address Date

Board of Supervisors

Dear Board Members.

Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety and problems.

#### These include:

Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place and made public, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.

Difficult-to-manage traffic conditions at the comer of Folsom and Chapman Streets. The projects have no on-street parking, and on-street parking will be eliminated from 2 more houses. (And, there is the potential for 4 additional new homes) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.

The project's lack of planning for garbage, recycling, and compost pickup will impace both public health and safety.

The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.

The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific NTSB and Pipeline Information and Protection Act protocols that should be followed for all land use near pipelines, and we expect assurances from you that these will be met.

Sincerely,			
MANUEL RUMA # 2	364	WNOKA	7-9-16
Name & Signature	Address		Date
email manual reta @ yahoo am	thone		

Board of Supervisors

Dear Board Members,

Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety and problems.

#### These include:

Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place and made public, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.

Difficult-to-manage traffic conditions at the comer of Folsom and Chapman Streets. The projects have no on-street parking, and on-street parking will be eliminated from 2 more houses. (And, there is the potential for 4 additional new homes) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.

The project's lack of planning for garbage, recycling, and compost pickup will impace both public health and safety.

The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.

The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific NTSB and Pipeline Information and Protection Act protocols that should be followed for all land use near pipelines, and we expect assurances from you that these will be met.

Sincerely,	3785 Fan	rful 13ho 7	-5-
Name & Signature	Address	Date	• .
email	thone		٠

Board of Supervisors

Dear Board Members.

## Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety and problems.

#### These include:

Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place and made public, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.

Difficult-to-manage traffic conditions at the comer of Folsom and Chapman Streets. The projects have no on-street parking, and on-street parking will be eliminated from 2 more houses. (And, there is the potential for 4 additional new homes) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.

The project's lack of planning for garbage, recycling, and compost pickup will impace both public health and safety.

The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.

The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific NTSB and Pipeline Information and Protection Act protocols that should be followed for all land use near pipelines, and we expect assurances from you that these will be met.

Sincerely,					, ,
CHRIS	OTHE Man		2195	44th AV	7/9/16
Name & Signature	A	ddress		17	Date /
email		honc			

Dear Supervisors,

# Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

## These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is tresh in our minds, as is the orgoing Peretrial of criminal Hazardous traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered
  - unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- > The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.
- > The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

This is your opportunity to keep your promise to assure that citizens of San Francisco are safe by requiring that a complete environmental review is undertaken and all appropriate safety measures are in place before any construction is approved for this undeveloped and vulnerable hillside. We also request that the safety measures and oversight are transparent to the impacted neighbors and the traffic/parking issues are addressed.

25 St. 7

Sincerely.

rosannead Email

Phone (optional)

Specific questions to ask about the Folsom Street PAIE gas Where are the records for: - when was this pipeline built?
- what are the pressure limits? has 7648 tested this pipeline recently, when? how often? has pipeline been tested possible defects? When? This pipeline considered a - does PGEE operate this pipeline above the limits set forth in tederal (aw?ifso, se questions come trong reading articles in the Chronicle about engoins P618/San Bruno trial, (4/9/16)
1648 is accused of Violating federal lans by Knowingly failing to inspect pipelines, roperly test high risk likes, and maintain ranguate records." Pfix "consistently



Sacrificed Safety for profits."

-- "PGZE was engased in a "doliberate and trasic strategy" of annual curbacks in safety programs (ie: teplacing old pipelines, fixing defeased)

Bernal residents are entitled to accurate answers to the pipeline suestions on the proposed building.

Site. The City is responsible for ensuring the Safety of its building projects. The permits building projects. The permits to build have been swen without proper vetting of the pipeline safety proper vetting of the pipeline safety fruck accessibility to the propessed fruck accessibility to the propessed homes. Stop has highly guestimable homes. Stop has highly guestimable building project.

Rosanne Liggett rosanneadana a hofmail.com 115-824-6465

Dear Supervisors,

# Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

#### These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry
  recommended safety protocol in place, resulting in the potential loss of life and property. All
  safety guidelines and oversight must be transparent and shared with residents. The San Bruno
  tragedy is fresh in our minds.
- Hazardous traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.
- The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

This is your opportunity to keep your promise to assure that citizens of San Francisco are safe by requiring that a complete environmental review is undertaken and all appropriate safety measures are in place before any construction is approved for this undeveloped and vulnerable hillside. We also request that the safety measures and oversight are transparent to the impacted neighbors and the traffic/parking issues are addressed.

Sincerely. Hirand Maryah Hivand	66 Anderson St	July 07, 2016
Name & Signature Wivanowastic @ g Mail.com	Address SF 94110	Date 0
Email	Phone (optional)	

Dear Supervisors,

I was thoroughy shocked to hear that the construction projects at 3516 +3526 Folsom St. in San Francisco had been given a gategorical exemption from environmental neview. How is this possible?! This can't happen in my neighbor hood!

There is a 2% inch. PG+E gas pipeline in that spot and there are no industry recommended protocols in place!

Does Sen Bruno ring a bell? My aunt lives there so I know personally the catastrophic effects of gas pipelines gone wrong.

Please assure me and my neighbors that protocols are followed and a complete environmental review is under taken.

Sincerely
Mully Right Sto Roscoe St.
MOLLY NIXON San Francisco CA
MOLLY NIXON 94/10

mollychixon@ ad. cor

tuly 5, 2016

Board of Supervisors City Hall

San Francisco, ca. 94102

Dear Board of Supervisors:

The planned construction on the 3500 block of Folsom street is of incredible concern for multiple masons. I am writing with the strong request of an environmental review of the two construction lots at 3516 and 3526 Folsom street because of critical safety issues for the residents of this city. The most glaving safety hazard is that a 26 inch PG+E gas transmission pipeline runs under the surface of an erosion-prone hill of the construction site. Even a minor mishap could cause an explosion similar to the explosion in San Bruno. Het is absolutely appalling that it would be approved without a review. More importantly, construction have been the primary cause of pipeline damage.

Please re-consider this careless construction by reviewing the project before proceeding. Assure me and my fellow san trancise o residents that our safety is of witness importance.

Sincody, leia Asanemas

315 Elsie St. SF, CA. 94110 leiansa@gmail.com

conceinlents. I am sorry that is not good enough?

300 ml of Supervis Le Her-07/07/20/ Case No. 2013.13831

member of the Board Supervisors, we neighbor not to be ignored, whenled Irealed as if our four for public safety our familier hopelth and welfare don't matter they do matter! This is a serious public . If there is no fully complete, and sula fer usul thoroughly transparent and open Environmental Impail Beriew of the "Project 5 ite" our neigh borhood is in grave danger. We could all-alloss us elder, about and children - be vietim of a terrible explosion. Not too long ago a coment truck overturned on a less wheep thretehof road just below the "Project Site" while working on a City-sponsored Infrastructure Project. This is the same type of your troummission line that blew up in San Bruno a few years

Ham very scared thin is a 198's got populate unstabled on one of the steepest areas of the Orly Heavy earth moving equipment early be travelling overit daily! PGE has shown us no records on the construction, operation and main tenance of this major trunk wise! PGE has no definite guidding to show in that the pippline is both safe and reliable! We leavet get a straight answer from anyone in the City gavernment or from PGE

Board Letter 07/07/2016

Case No. 2013 1383E about who is responsible for the safety of pipeline, who will showner idence it its reliability, and who will show us the facts about it's integrity (ability to witholand afress and shock). We have been trying to get answers for (3 years). We get "Finger pointing", we got so fearful - teally fearful. "Project Site "going ahead without mental Impail Another problem with not houring an Impact in the terruble parking impail this project well have. The current Tolsom - and Patricie drivewour-our at 3574 useable if the Project is approved able to effectively parts over ones. We now our care for work and transportation. If we park our care on the street - Folson 8t. on Chapman St. we are in competition a heavily imparted area. The home is going up at That man that is one more can looking for parking space, our two can are judded in to

pauking,

and she newfire

Bound Letter implest increases. no provision make a the community Garden. It that road soes in, the owners of the 4 neighboring lots have indi-cated they to will build homes. We would now not 4 con looking for parking space anhage collection and emergency entrance and turn around prof Appeal of this Categorical Exempt teliable by Lenne independent panel of expert There needs to be an independent orsessment of the tradic density of me part coursel by the Project as well. We want evidence and we want expendent

### Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("Catex") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

ourcaleiA.		
annuel	1078 B Hampshire 5+ 94	11
Signature	Address	
Anna Murveit		
Printed name	Email	
-17/16		
Date	Phone number (Optional)	
12		

### Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

Sincerely,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") Involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline – it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate tuture mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any addidents happen.

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Tom Schuld (SGATES S.F. 94110
Signature Address

TOM SCHULZ

Printed name Email

Third Date Phone number (Optional)

## Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members.

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at \$516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This billy area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established OEQA protocols before any accidents happen.

Sincerely,	SF 9411
W SAL	70 BANKS STREET
ANDY BRADEN	Address
Printed name	Email
Date	Phone number (Optional)

## Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

Sincerely,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruho.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This filly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have noted stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Signature

Address

Hele Jorge NSEN

Printed name

Email

Phone number (Optional)

## Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

Cincordia

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dift. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

ollicatetà.	
P= WUAV	30 STILLINGS AVE SF 94131
Signature	Address
ROGER FONG	- rfe ridetiger, com
Printed name	Email
7/5/2016	
Date	Phone number (Optional)

### Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

Maria Landania

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("Catex") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. <u>Expavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States</u>. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles, Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Sincerely,	
Mar 2	10 Sursey St SF CA 9413
Signature	Address
Adminune Tacks	
Printed name	Email
7/6/16	
Date	Phone number (Optional)

## Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blow up in San Bruno,

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - It is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This filly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - foo steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Sincerely,

Rules Jann	24 A Stillings Ave San Francisco CA 94191
Signature	Address
Ruth Laskey	Haskey Dyahoo, com
Printed name	Email
7/5/16	
Date	Phone number (Optional)

### Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("GEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - It is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Sincerely	24 A STILLINGS DUE STED TYPE,
Signature	Address
JUNITHAN RUNCA	
Printed name	Email
Date	Phone number (Optional)

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members.

Sincerely.

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Utilike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bemai Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

No. of the control of	
Erik Gramwik	30 Stillings Ave. SF 9413
Signature	Address
ERIK KRAMUIK	erik@erikdesign.com
Printed name	Email
7/05/2016	
Date	Phone number (Optional)

## Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

Sincerely,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("OEQA") Categorical Exemption ("Catex") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street – directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. <u>Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States</u>. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety Issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Walaflaide Mera 1515 Tract Ae 154 9410

Signature Address

Flesty Pinedar Mena Kleaty Egnail, com

Printed name Email

Date Phone number (Optional)

### Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

Sincerely.

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco, I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. <u>Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States</u>. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - foo steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

I urge you to support the Bernal Heights CEQA Calegorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Boulan Jul 563 Pevalta Ave, SF 94110
Signature Address

Baylogva Tell

Printed name Email

Date Phone number (Optional)

### Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. <u>Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States</u>. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Helghts is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world—too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Sincerely, Alex Hell	-HZ Ripley 8+ #Z
Signature	Address
Indea Muedoch	INDRA415@ OWHOOK com
Printed name	Email
Tilelile	
Date	Phone number (Optional)

## Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

والمراج المراجي فيكسي

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline – it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public selety hazards be addressed through established CEQA protocols before any accidents happen.

Sincerely,	
pri all	326 Prospect Ave. SF 9411
Signature	Address
Abigail Jamuillo	· *
Printed name	Emall
7/4/16	
Dale	Phone number (Optional)

## Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blow up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline – it is only covered by dirt. <u>Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States</u>. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Sincerely,	
Max Churcholes	44 PERATA SE 94118
Signature	Address
Max & Rinketery Printed name	Email
7/6/16	
Date	Phone number (Optional)

## Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("Catex") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. <u>Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States</u>. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-and street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Lurge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Sincerely,

Alin L.	LAW PERMITA AVE, ST. CK 9411
Signature	Address
SHIRVEY YUP	
Printed name	Email
7/10/16	
Date	Phone number (Optional)

## Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Berna) Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excevation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Sincerely,	185 Lundy Un
To hy Monton	Address
Printed name	,Emåll
Date	Phone number (Optional)

## Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline – it is only covered by dirt. <u>Excavation activities are the major cause of accidental ruptures on gas</u> <u>transmission pipelines in the United States</u>. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access Issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have noted stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

aincevely, / / / / / / / / / / / / / / / / / / /	88 Monchester St. 9411
Mishina Chavez	Address
Printed name	Email
Date	Phone number (Optional)

## Support Bernal Height's CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline – it is only covered by dirt. Excevation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Sincerely,		
France Carald	16 Gates St.	SF 94118
Signature	Address	
Copie Evald		
Printed name	Email	
7 5/16		
Date	Phone number (Optional)	

## Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Sincerely,

PO Endly	76 Gates St 9411
Signature	Address
PJEWOLD	
Printed name	Emáll
7/5/16	
Date	Phone number (Optional)

## Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("Catex") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. <u>Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States</u>. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles, Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Sincerely,		
The state of	150 Elming St SFCA941	<u>ا</u> چ
Signature	Address	4
Tom wheeler		
Printed name	Email	
7/5/16		
Date	Phone number (Optional)	

## Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excavelion activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Sincerely,	
L'ourence L'autrés	111 MonteAlm , 5-F. 944
Signature CURTICE LARRY CURTIPE	Address
Printed name	Email
7/5/16	
Date /	Phone number (Optional)

## Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members.

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street – directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in GF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Sincerely;	Geli 17
and Wa	901 CORTLAND S.F. CA
Spnature	Address
GAIL MA	
Printed name	Email
7/5/16	
Daje	Phone number (Optional)

## Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - It is only covered by dirt. <u>Excevation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States</u>. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good dovernance prevalls - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Turge you to support the Bernel Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Sincerely,

June Mayor	151 ANDERSON	SF. 9411
Signature	Address	
STAMES Marple		
Printed name	Email	
7 5/16		
Date	Phone number (Optional)	

## Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

Sincerely,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design oriteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Signature 185 Andress SECA
Signature Address 9911 c

Printed name Email

Phone number (Optional)

### Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("Catex") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Sincerely,	
and I	103 Anderson St SF 94110
Signature - CENE GIACOMECUI	Address
Printed name	Email
Dale	Phone number (Optional)

## Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEGA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - It is only covered by dirt. <u>Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States</u>. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have notion stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Sincerely,	5F 9411C
Malnin Kenkull	39 Elloworth St
Melinda Kendall	Address
Printed name My 4 2004	Email
pate	Phone number (Optional)

## Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Sincerely,	51 WOOL ST. SF 9410
John Sasse	Address JSASSOZY @SBEBLOBAL. NET
Printed name	Email
Date	Phone number (Optional)

## Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

Sincerely.

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. <u>Excevation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States</u>. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate tuture mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

1 ofhion Furey	1013 Clay ton St.
Signature	Address
LOTHIAN FUREY	lothiant @sbeglobal, net
Printed name	Email
7/4/16	
Date	Phone number (Optional)

## Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline – it is only covered by dirt. Excavalion activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have noted stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Sincerely,	
And hebster.	112 GATES ST. SF. 94110
Signature	Address
JOHN. D. WEBSTER	
Printed name	Email
7/4/16	
Date	Phone number (Optional)

## Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - It is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create parlicularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-ground at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

What 52 Brulloud to
Address
NLER
(Email)
Phone number (Optional)

### Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members.

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excevation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Sincerely,	
FOLSK-	931 RICHLAND SF 94/10
Signature ROKERTA JAVENSON	Address
Printed name	Email
Date	Phone number (Optional)

### Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to priorifize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Turge you to support the Bernal Heights OEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Sincerely,

Signature

Address

Emall

Phone number (Optional)

### Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members.

Sincerely,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have potten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Dione K. Mout 1295 41st Ave. S.J.C.A. 94/2 Signature Address

Dione R. Alpert

Printed name Email

Phone number (Optional)

## Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

Sincerely,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

I urge you to support the Bernal Heights OEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Corol Tollers

Corol Tollers

Printed name

H316

Date

Phone number (Optional)

### Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline – it is only covered by dirt. <u>Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States</u>. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Sincerely,	
MAL	HOLLY PARK CIR ST. 941
Signature	Address
NIES FOUND	NUEST@ Campil Con
Printed name	Email
7/2/16	
Date \ (	Phone number (Optional)

## Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles, Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-ground at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good povernance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Sincerely,	5	Fai
AB C	To various C Soll	P
Signature	Address	
TEND BAIR		_
Printed name	Email	
7/3/16		
Date	Phone number (Optional)	_

## Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members.

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have notion stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles, it is proposed as a dead-and street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Sincerely J.	75 Gates St SF
Panyla D. Lo Pinto	Address Daylo @ att net
Printed name	Email 415 641 0644
Date	Phone number (Optional)

## Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

Columnia and the

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("GatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Sillograph.		
	Hally Ball Civ.	94110
Signeture	Address	
Laura Bull		
Printed name	Email ·	
7/3/16		
Date /	Phone number (Optional)	

## Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - It is only covered by dirt. <u>Excavation activities are the major cause of accidental ruplures on gas transmission pipelines in the United States</u>. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Sincerely, Alexed	362 Mullen Ave
John C. Hages	Address jchayes 362009 mail, com
Printed name	/ Email
Date	Phone number (Optional)

## Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. <u>Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States</u>. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Sincerely,	1999 193 Majestic Ave. 94112
Signature C Advinivu Anvoin	Address  ad Ata avoia a Amail. com.
Printed name	Email
Date	Phone number (Optional)

## Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

Sincerely,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("Catex") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, hear, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Signature
Signature
Address

Printed name
Email

Phone number (Optional)

## Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members.

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Sincerely,	
midfinos	160 Granada Jac 94112
Signature	Address
Maria Ramos	MINAME ( STEP ESTER )
Printed name	Email
7/3/16	
Date	Phone number (Optional)

## Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blow up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good dovernance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Sincerely,

FRAN GUILSDERA FRANGE ST

Printed name

Phone number (Optional)

## Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline – it is only covered by dirt. Excavalion activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Sincerely,

Signature Status St. 9411

Signature Address

ANDA RAMET

Printed name Email

1/3/16

Phone number (Optional)

## Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - It is only covered by dirt. <u>Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States</u>. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world—too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Sincerely, Beverly Ander	168 Moultrée St
BEVERLY AUDERSON	Address
Printed name	Email
7-2-10	4158297088
Date	Phone number (Optional)

### Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - It is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Sincerely,	
WAG	(of) GATES ST.
Signature	Address
ALICIA MAZEN	audiorzen Enjalan. com
Printed name	Email
7-2-16	45-939-4483
Date	Phone number (Optional)

## Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

Sincerely,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blow up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Fatrick Boyle

Signature

Patrick Boyle

Printed name

Email

Phone number (Optional)

### Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

Sincerely,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("Catex") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th, There are unusual dircumstances in this construction project that necessitate environmental review.

Signature

PAT MUNICIPAL PAT MUPPHY PAT MUPP

### Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members.

Sincerely,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blow up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. <u>Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States</u>, Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-and street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

If urge you to support the Bernal Heights CEQA Calegorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Patrick Boyle ISB Elsworth str.
Signature Address

Patrick Boyle
Printed name Email

Ulalava
Date Phone number (Optional)

### Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members.

Sincerely,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") Involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excavalion activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Helen Joros

Printed name

Hallsworth St St 94412

Address

Email

Phone number (Optional)

## Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") Involving a new housing development at 8516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have noted at the street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Sincerely,	
ligh	14515 Van Ness Ale Apt 5 SF, CA G
C Signature	Address
Elias Nash	
Printed name	Email
-2/3/16	
Date	Phone number (Optional)

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

Sincerely.

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Marson Schulter	618 Daught st. 94134
signature Winston Schultt	Address
Printed name  7/9/16	Email
Date	Phone number (Optional)

## Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("Catex") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the virtage 26" PG&E Gas Transmission Pipeline 109 - the same type that blow up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have noten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Sincerely,	
Mumulas	COLO DUNCHT ST. SF 94139
Signature )	Address
DIANNA NENSPICIÓR	
Printed name	Email
7/3/16	
Date	Phone number (Optional)

### Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

Sincerely,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("Catex") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blow up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. <u>Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States.</u> Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles, Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Cavric DiAndrea Cavric dandra Cymail (and Printed name Emall Phone number (Optional)

## Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline – it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States, identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Sincerely.

had man	12-12 DOE A 24 (A GAIST	
/ Signature	Address	
Fredie Brancet	Coppea Caprail com	
Printed name	Email	
7/5/16		
Date	Phone number (Optional)	

## Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("Catex") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. <u>Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States</u>. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles, Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Sincerely,		
huttoll	105 Burna Vista Terrace, San	
Signature	Address Francicu,	ï
Julie Lock	julielock 1 egmilicom 94	
Printed name	Emall	
7/5/16		
Date	Phone number (Optional)	

## Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vinlage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety Issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Sincerely,

Sincerely,

Signature

Signature

Signature

Address

BRUCE B. JOHNSON

Printed name

Duly 4, 2016

Date

Phone number (Optional)

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

Sincerély.

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the viritage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - It is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-ground at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety Issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Lurge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

John Houlder St.

John Houlder St.

Address

Euransen Dunn anducte con cast. And

Printed name Email

1/4/6.

Date Phone number (Optional)

### Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

Sincerely,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design oriteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Kullillen J Phillips 307 Moultvie St SF CA 941

Signature Address

Kathleen J Phillips Kpsf@comcast.net

Printed name Email

7/4/16

Phone number (Optional)

## Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

Sincerely,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("Catex") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline – it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Jama Melle 3/1 Moultn'e St. SF941

Signature Address

Printed name Email Email

Date Phone number (Optional)

## Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

Sincerely.

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline – it is only covered by dirt. Excavetion activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Radwill James	2 354 Moultrie Street SF, CA 94110
Signature	Address
Prached Dyner-Hamolsky	rachel dh448@ gmailcom
Printed name	Email
07/03/2016	(415) 424-0756
Date	Phone number (Optional)

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline – it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Sincerely,	
Mal Salines	354 Moultrie St SF 94110
Signature	Address
Toby & Dyner	t dyner (a gmail. com
Printed name/	Email
JULY 3 2016	(415) 218-5015
Date	Phone number (Optional)

Dear Supervisors,

#### Urgent Request for Environment Review - Our safety and even our lives are at stake,

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

#### These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.
  - -Hazardous traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.
- The structures would create a north-facing solid wall blocking significant public vistas
  from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

This is your opportunity to keep your promise to assure that citizens of San Francisco are safe by requiring that a complete environmental review is undertaken and all appropriate safety measures are in place before any construction is approved for this undeveloped and vulnerable hillside. We also request that the safety measures and oversight are transparent to the impacted neighbors and the traffic/parking issues are addressed.

Sincerely, Putricia Hughes		
Patricia Hughes	3577 Folsom St. Address 5F EA 94116	July 7, 2016 Date
Name & Signature Email	(4/5) 648-2277 Phone (optional)	Date

Dear Supervisors,

#### Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

#### These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry
  recommended safety protocol in place, resulting in the potential loss of life and property. All
  safety guidelines and oversight must be transparent and shared with residents. The San Bruno
  tragedy is fresh in our minds.
- Hazardous traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.
- The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

This is your opportunity to keep your promise to assure that citizens of San Francisco are safe by requiring that a complete environmental review is undertaken and all appropriate safety measures are in place before any construction is approved for this undeveloped and vulnerable hillside. We also request that the safety measures and oversight are transparent to the impacted neighbors and the traffic/parking issues are addressed.

Sincerely,		•
Cana Johnson Barnel Paran	to Natural 42 Powell	7-7-16
Name & Signature	Address	Date
cuya schauno c mail com		
Email <sup>)</sup>	Phone (optional)	

Dear Supervisors,

#### Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

#### These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry
  recommended safety protocol in place, resulting in the potential loss of life and property. All
  safety guidelines and oversight must be transparent and shared with residents. The San Bruno
  tragedy is fresh in our minds.
- Hazardous traffic conditions at the comer of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.
- The structures would create a north-facing solid wall blocking significant public vistas
  from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

This is your opportunity to keep your promise to assure that citizens of San Francisco are safe by requiring that a complete environmental review is undertaken and all appropriate safety measures are in place before any construction is approved for this undeveloped and vulnerable hillside. We also request that the safety measures and oversight are transparent to the impacted neighbors and the traffic/parking issues are addressed.

Singerely,	لاقت السياد	•
Leslie Jum	117 brews terst	7-7-16
Name & Signature Singula @ Sbc globe full	Address	Date
Email	Phone (optional)	

Dear Supervisors,

#### Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

#### These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry
  recommended safety protocol in place, resulting in the potential loss of life and property. All
  safety guidelines and oversight must be transparent and shared with residents. The San Bruno
  tragedy is fresh in our minds.
- Hazardous traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- . The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.
- The structures would create a north-facing solid wall blocking significant public vistas
  from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and <u>evidence</u> from you and the responsible City agencies that these protocols will be thoroughly adhered to.

This is your opportunity to keep your promise to assure that citizens of San Francisco are safe by requiring that a complete environmental review is undertaken and all appropriate safety measures are in place before any construction is approved for this undeveloped and vulnerable hillside. We also request that the safety measures and oversight are transparent to the impacted neighbors and the traffic/parking issues are addressed.

Sincerely,
BUHD WARASH'

Name & Signature
BUAN WARASHI & GMAL

Email

Phone (optional)

Dear Supervisors,

#### Urgent Request for Environment Review - Our safety and even our lives are at stake,

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

#### These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tracedy is fresh in our minds.
- Hazardous traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.
- The structures would create a north-facing solid wall blocking significant public vistas
  from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

This is your opportunity to keep your promise to assure that citizens of San Francisco are safe by requiring that a complete environmental review is undertaken and all appropriate safety measures are in place before any construction is approved for this undeveloped and vulnerable tillside. We also request that the safety measures and oversight are transparent to the impacted neighbors and the traffic/parking issues are addressed.

Sincerely, Jake Hundertmark

Jake Hundertmark

July 5, 2016

Name & Signature

Janehundertmark@gmail.com

H5-717-4648

Phone (optional)

Dear Supervisors,

# Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

## These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry
  recommended safety protocol in place, resulting in the potential loss of life and property. All
  safety guidelines and oversight must be transparent and shared with residents. The San Bruno
  tragedy is fresh in our minds.
- -Hazardous traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable, Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.
- The structures would create a north-facing solid wall blocking significant public vistas
  from Bernal Heights Boulevard along the open-space park;

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

Singerely Mychael Oracket	102 Banks	Ś <del>'n</del> .	7/5/1
Name & Signature	Address	Ē	Pate
Email	Phone (optional)	<u></u>	

Dear Supervisors,

## Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

#### These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.
- Hazardous traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street; blocking access to many homes.
- The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.
- > The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

Ray E. Vernazza	140 Peralta Avenue	07/04/16
Name & Signature rayver6@hotmall.com	Address	Date
Email	Phone (optional)	

Dear Supervisors,

## Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

#### These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry
  recommended safety protocol in place, resulting in the potential loss of life and property. All
  safety guidelines and oversight must be transparent and shared with residents. The San Bruno
  tragedy is fresh in our minds.
- Hazardous traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.
- The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

This is your opportunity to keep your promise to assure that citizens of San Francisco are safe by requiring that a complete environmental review is undertaken and all appropriate safety measures are in place before any construction is approved for this undeveloped and vulnerable hillside. We also request that the safety measures and oversight are transparent to the impacted neighbors and the traffic/parking issues are addressed.

Sincerely,

Name & Signature

Email

ddrace

Phone (optional

Date

Dear Supervisors,

## Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

#### These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.
- Hazardous traffic conditions at the comer of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks. construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- . The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- The project site's proposed steep street presents a significant threat to drivers and residents. and a liability Issue for homeowners and the City.
- The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

This is your opportunity to keep your promise to assure that citizens of San Francisco are safe by requiring that a complete environmental review is undertaken and all appropriate safety measures are in place before any construction is approved for this undeveloped and vulnerable hillside. We also request that the safety measures and oversight are transparent to the impacted neighbors and the traffic/parking issues are addressed.

Name & Signature

Email

Sincerely

SE MAY 110

Phone (optional)

Dear Supervisors,

# Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

## These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry
  recommended safety protocol in place, resulting in the potential loss of life and property. All
  safety guidelines and oversight must be transparent and shared with residents. The San Bruno
  tragedy is fresh in our minds.
- Hazardous traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.
- The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

Sincerely,	94110	
David Brocker	3599 Felsum st	7/4116
Name & Signature  Over 170@ year com	Address	Date
Email	Phone (optional)	

Dear Board of Superisons,

I have lived in the deverse briefly ringre neighborhood of Bernel Heighto for over 35 years. We have always feet Dafe here, despite the sight of a P. G. + E warming sign right outside our front window.

Just this morning PG+E workers came by to replace the worn sign with a new one-this time with words: "Warning Gas Pipeline!"

Please allow us the fair consideration of as Emissonmental revuis. We are a community children, eldus, dogs, workers, home-makers.

The planned development is carelysly and poorly planned a steep street, congested traffic and the danger of the populario - which is at an unknown or undisclosed depth.

In addition, my Austral and I would not be able to the construction of the road, to access our garage. Please! Follow protocall and common series and allows an environmental reviews to take place.

Hail Yeuman Gail Newman

3574 Alson St. S.F. CA 94110 g-newman@comeat.net

Dear Supervisors,

## Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

## These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place, resulting in the potential less of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.
- Hazardous fraffic conditions at the comer of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.
- The structures would create a north-facing solid wall blocking significant public vistas
  from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to:

Sincerely,	935 Grany #208	7-4-16
Name & Signature	Address	Date
Email	Phone (optional)	

Dear Supervisors,

# Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

## These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry
  recommended safety protocol in place, resulting in the potential loss of life and property. All
  safety guidelines and oversight must be transparent and shared with residents. The San Bruno
  tragedy is fresh in our minds.
- Hazardous traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.
- The structures would create a north-facing solid wall blocking significant public vistas
  from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

Sincerely,				
NATHALIE PAVEN	1534B	SHRADER ST	7/4/16	2
Name & Signature	Address		Date	
Email	Phone (option	al)		

Dear Supervisors,

# Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

## These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place, resulting in the potential loss of life and properly. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is tresh in our minds.
- -Hazardous traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- . The project's tack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.
- The structures would create a north-facing solid wall blocking significant public vistas
  from Bemai Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

This is your opportunity to keep your promise to assure that citizens of San Francisco are safe by requiring that a complete environmental review is undertaken and all appropriate safety measures are in place before any construction is approved for this undeveloped and vulnerable hillside. We also request that the safety measures and oversight are transparent to the impacted neighbors and the traffic/parking issues are addressed.

Sinderely, Simple wo Chapman ST HUZOIL

Name & Signature Address SF CA SWING Date

Email Phone (optional)

Dear Supervisors,

# Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

## These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry
  recommended safety protocol in place, resulting in the potential loss of life and properly. All
  safety guidelines and oversight must be transparent and shared with residents. The San Bruno
  tragedy is fresh in our minds.
- Hazardous traffic conditions at the comer of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.
- The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

Sincerely, CHAKLOTTE WILLIAM Name & Signature	AS 390 CHAPMANST	
Name & Signature William	Address SF 94110 Date	7/6/16
/Email	Phone (optional)	
COACHCHARLOTTER		

Dear Supervisors,

# Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

#### These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry
  recommended safety protocol in place, resulting in the potential loss of life and property. All
  safety guidelines and oversight must be transparent and shared with residents. The San Bruno
  tragedy is fresh in our minds.
- Hazardous traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.
- The structures would create a north-facing solid wall blocking significant public vistas
  from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

Sincerely,	1-7	
Name & Signature  ASI STORY OF AMA I-COM	Address	Cent Ave +/7/16 Date
Email June Great Com	Phone (optional)	

Dear Supervisors,

# Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

## These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry
  recommended safety protocol in place, resulting in the potential loss of life and property. All
  safety guidelines and oversight must be transparent and shared with residents. The San Bruno
  tragedy is fresh in our minds.
- Hazardous traffic conditions at the comer of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.
- The structures would create a north-facing solid wall blocking significant public vistas
  from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

Dear Supervisors,

## Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

## These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry
  recommended safety protocol in place, resulting in the potential loss of life and property. All
  safety guidalines and oversight must be transparent and shared with residents. The San Bruno
  tragedy is fresh in our minds.
- -Hazardous traffic conditions at the comer of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.
- The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

Sincerely, Fasice Strossheim G	Thompson.	55/29/25/ 7/3	1/20/
Name & Signature	Address	Date	H
Emaily yahou.cum	Phone (optional)	·	

Dear Supervisors,

## Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

## These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry
  recommended safety protocol in place, resulting in the potential loss of life and property. All
  safety guidelines and oversight must be transparent and shared with residents. The San Bruno
  tragedy is fresh in our minds.
- Hazardous traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.
- The structures would create a north-facing solid wall blocking significant public vistas
  from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

This is your opportunity to keep your promise to assure that citizens of San Francisco are safe by requiring that a complete environmental review is undertaken and all appropriate safety measures are in place before any construction is approved for this undeveloped and vulnerable hillside. We also request that the safety measures and oversight are transparent to the impacted neighbors and the traffic/parking issues are addressed.

Sincerely,

Sincerely,

Susan Danly

Name & Signature

8 45 and 5 5 24 ahoo con

Email

Phone (optional)

Dear Supervisors,

## Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

## These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.
- Hazardous traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safely.
- The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.
- The structures would create a north-facing solid wall blocking significant public vistas
  from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

Sincerely,		•
KEVIN HUSSHY	555 24 F & SF 94131	7/4/14.
Name & Signature Kevin & California wood floor com	Address	Date
Email	Phone (optional)	

Dear Supervisors,

# Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

## These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry
  recommended safety protocol in place, resulting in the potential loss of life and property. All
  safety guidelines and oversight must be transparent and shared with residents. The San Bruno
  tragedy is fresh in our minds.
- Hazardous traffic conditions at the comer of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- The project site's proposed steep street presents a significant threat to drivers and residents,
   and a liability issue for homeowners and the City.
- The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

This is your opportunity to keep your promise to assure that citizens of San Francisco are safe by requiring that a complete environmental review is undertaken and all appropriate safety measures are in place before any construction is approved for this undeveloped and vulnerable hillside. We also request that the safety measures and oversight are transparent to the impacted neighbors and the traffic/parking issues are addressed.

Sincerely,

Sincerely,

Address 5f 94110 Date

Email

Phone (optional)

Dear Supervisors,

## Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

## These include:

Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.

Hazardous traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.

The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.

The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.

The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

incerely, La		99110	
L-ALENA GOARD	3775 25TH ST SF	A LIA	
Name & Signature LALEUN - GONLO C	Address	Date	
Emall gwall.com	Phone (optional)		

Dear Supervisors,

## Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

## These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.
- hazardous traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street; blocking access to many homes.
- The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.
- The structures would create a north-facing solid wall blocking significant public vistas
  from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

Sincerely,		
MATERIA STENEPIECUS	3580 FOUSE	M ST. 94100 +104/2016
Name & Signature	Address	Date
steve Di couse valuo, com	en e	
Email	Phone (optional)	

Dear Supervisors.

## Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hexards.

## These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.
- Hazardous traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- > The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.
- The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

Sincerely, Zepporah Glass Zepporah Glass Zepporah Glass	820 Lawton St.	7/5/16
Name & Signature	Address	Date
Zglass28@gmail.com Email	Phone (optional)	<del></del>

# LETTER TO THE SF BOARD OF SUPERVISORS

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Sincerely.

Vais m Ran Oct	75 Hata St. An Francisco 94/10
Signature	Address
Naw MRaulet	raulate at net
Printed name	Email
6/30/16	
Delte	Phone number (Optional)

Dear Supervisors,

Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

## These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.
- Hazardous traffic conditions at the comer of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- The project's tack of planning for garbage, recycling, and compost pickup will impact both public health and salety.
- The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.
- The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

Sincerely,  Okara A. Spirica  Nancy B. Slepicka	608 Peralta Ave., San Francisco	7/5/16		
Name & Signature	Address	Date		
nrslepicka@gmall.com	217-556-9449			

Dear Supervisors,

# Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

## These include:

- Construction by a private developer over a 26" PG&E gas pipeline without Industry recommended safety protocol in place, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.
- Hazardous traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.
- The structures would create a north-facing solid wall blocking significant public vistas
  from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

This is your opportunity to keep your promise to assure that citizens of San Francisco are safe by requiring that a complete environmental review is undertaken and all appropriate safety measures are in place before any construction is approved for this undeveloped and vulnerable hillside. We also request that the safety measures and oversight are transparent to the impacted neighbors and the traffic/parking issues are addressed.

Name & Slonature

Email CGNAL Con

Address

Phone (optional)

Dear Supervisors.

## Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

#### These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry
  recommended safety protocol in place, resulting in the potential loss of life and property. All
  safety guidelines and oversight must be transparent and shared with residents. The San Bruno
  tragedy is fresh in our minds.
- Hazardous traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.
- The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

This is your opportunity to keep your promise to assure that citizens of San Francisco are safe by requiring that a complete environmental review is undertaken and all appropriate safety measures are in place before any construction is approved for this undeveloped and vulnerable hillside. We also request that the safety measures and oversight are transparent to the impacted neighbors and the traffic/parking issues are addressed.

Sincerely,

Cristing Melero 3604. Forsom ST 75 2016

Name & Signature Address Date

Cmh2304 & yahoo com (415) 401-0840

Email Phone (optional)

Dear Supervisors,

# Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

#### These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry
  recommended safety protocol in place, resulting in the potential loss of life and property. All
  safety guidelines and oversight must be transparent and shared with residents. The San Bruno
  tragedy is fresh in our minds.
- Hazardous traffic conditions at the comer of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- The project's tack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.
- The structures would create a north-facing solid wall blocking significant public vistas
  from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

Corney Asechal On	3590 Falson 87	7/5/4
Name & Signature Joffmilsom	Address	Date
Email	Phone (optional)	<del></del>

Dear Supervisors,

## Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

## These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry
  recommended safety protocol in place, resulting in the potential loss of life and property. All
  safety guidelines and oversight must be transparent and shared with residents. The San Bruno
  tragedy is fresh in our minds.
- -Hazardous traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.
- The structures would create a north-facing solid wall blocking significant public vistas
  from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

This is your opportunity to keep your promise to assure that citizens of San Francisco are safe by requiring that a complete environmental review is undertaken and all appropriate safety measures are in place before any construction is approved for this undeveloped and vulnerable hillside. We also request that the safety measures and oversight are transparent to the impacted neighbors and the traffic/parking issues are addressed.

7.2212.1

Name & Signature

Email

Address

415-152-6154

Date

7-6-16

Phone (optional)

Dear Supervisors,

# Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

#### These include:

- Construction by a private developer over a 28" PG&E gas pipeline without industry recommended safety protocol in place, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is tresh in our minds.
- Hazardous traffic conditions at the comer of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.
- The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

This is your opportunity to keep your promise to assure that citizens of San Francisco are safe by requiring that a complete environmental review is undertaken and all appropriate safety measures are in place before any construction is approved for this undeveloped and vulnerable hillside. We also request that the safety measures and oversight are transparent to the impacted neighbors and the traffic/parking issues are addressed.

Sincerely,

Jame & Signature

Email 1

161 Banks 57

Address

Phone (optional)

July 6, 2014

Dear Supervisors,

# Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

## These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry
  recommended safety protocol in place, resulting in the potential loss of life and property. All
  safety guidelines and oversight must be transparent and shared with residents. The San Bruno
  tragedy is fresh in our minds.
- Hazardous traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.
- The structures would create a north-facing solid wall blocking significant public vistas
  from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

Sincerely,  Au street Royalt	word D. A	7/4/2016
Name & Signature	Address 483759	7/6/20/6 Date
Email	Phone (optional)	

Dear Supervisors,

# Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

## These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry
  recommended safety protocol in place, resulting in the potential loss of life and property. All
  safety guidelines and oversight must be transparent and shared with residents. The San Bruno
  tragedy is fresh in our minds.
- Hazardous traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.
- The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

Sincerely, Coverns, Provetto	454 Brussela St	06/6/2016
Name & Signature	Address (45.3259)	Date
Email	Phone (optional)	

Dear Supervisors,

# Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

## These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry
  recommended safety protocol in place, resulting in the potential loss of life and property. All
  safety guidelines and oversight must be transparent and shared with residents. The San Bruno
  tragedy is fresh in our minds.
- -Hazardous traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- . The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.
- The structures would create a north-facing solid wall blocking significant public vistas
  from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

Sincerely, RAY Cashes		
Sincerely, RAY Cashed Fary Costa Name & Signature	GTPRouties ST	415 6475615
Name & Signature	Address	Date 727-286
Email	Phone (optional)	· 

Dear Supervisors,

# Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

## These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.
- Hazardous traffic conditions at the comer of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- / The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.
- The structures would create a north-facing solid wall blocking significant public vistas
  from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

This is your opportunity to keep your promise to assure that citizens of San Francisco are safe by requiring that a complete environmental review is undertaken and all appropriate safety measures are in place before any construction is approved for this undeveloped and vulnerable hillside. We also request that the safety measures and oversight are transparent to the impacted neighbors and the traffic/parking issues are addressed.

Nicola GRIFFIN / 101 PRENTISS ST. 7 6 2016
Name & Signature Address
Nicolagriffin 57 @ Normail.com 415 - 5/8 - 4907
Email Phone (optional)

Dear Supervisors,

# Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

#### These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry
  recommended safety protocol in place, resulting in the potential loss of life and property. All
  safety guidelines and oversight must be transparent and shared with residents. The San Bruno
  tragedy is fresh in our minds.
- Hazardous traffic conditions at the comer of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable, Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- .. The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.
- The structures would create a north-facing solid wall blocking significant public vistas
  from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

This is your opportunity to keep your promise to assure that citizens of San Francisco are safe by requiring that a complete environmental review is undertaken and all appropriate safety measures are in place before any construction is approved for this undeveloped and vulnerable hillside. We also request that the safety measures and oversight are transparent to the impacted neighbors and the traffic/parking issues are addressed.

X./s

Sincerely

Name & Signature

Email

Address

Phone (optional)

Dear Supervisors,

## Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

## These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry
  recommended safety protocol in place, resulting in the potential loss of life and property. All
  safety guidelines and oversight must be transparent and shared with residents. The San Bruno
  tragedy is fresh in our minds.
- -Hazardous traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- The project site's proposed steep street presents a significant threat to drivers and residents, and a flability issue for homeowners and the City.
- The structures would create a north-facing solid wall blocking significant public vistas
  from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

This is your opportunity to keep your promise to assure that citizens of San Francisco are safe by requiring that a complete environmental review is undertaken and all appropriate safety measures are in place before any construction is approved for this undeveloped and vulnerable hillside. We also request that the safety measures and oversight are transparent to the impacted neighbors and the traffic/parking issues are addressed.

Sincerell.

Name & Signature 98 Ayahop 1 > Address 246 - 6263 Date

Email Phone (optional)

Dear Supervisors,

## Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

#### These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry
  recommended safety protocol in place, resulting in the potential loss of life and property. All
  safety guidelines and oversight must be transparent and shared with residents. The San Bruno
  tragedy is fresh in our minds.
- Hazardous traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.
- The structures would create a north-facing solid wall blocking significant public vistas
  from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

This is your opportunity to keep your promise to assure that citizens of San Francisco are safe by requiring that a complete environmental review is undertaken and all appropriate safety measures are in place before any construction is approved for this undeveloped and vulnerable hillside. We also request that the safety measures and oversight are transparent to the impacted neighbors and the traffic/parking issues are addressed.

Sincerely

Dear Supervisors,

## Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

## These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry
  recommended safety protocol in place, resulting in the potential loss of life and property. All
  safety guidelines and oversight must be transparent and shared with residents. The San Bruno
  tragedy is fresh in our minds.
- Hazardous traffic conditions at the comer of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.
- The structures would create a north-facing solid wall blocking significant public vistas
  from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

Sincerely,	F. S	chemme	40	Provid	للملا	SP.	6	6	/16
Name & Sign	pature M 406	sbe globaline	Addres	s 15-648	7-863	 Y	Date		f <del>ire en e</del> I
Email					before	now)			

Date:

Board of Supervisors

Dear Board Members,

Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety and problems.

## These include:

Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place and made public, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.

Difficult-to-manage traffic conditions at the comer of Folsom and Chapman Streets. The projects have no on-street parking, and on-street parking will be eliminated from 2 more houses. (And, there is the potential for 4 additional new homes) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.

The project's lack of planning for garbage, recycling, and compost pickup will impace both public health and safety.

The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.

The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific NTSB and Pipeline Information and Protection Act protocols that should be followed for all land use near pipelines, and we expect assurances from you that these will be met.

This is your opportunity to keep your promise to the keep the citizens of San Francisco safe by requiring that a complete environmental review is undertaken and all appropriate safety measures are in place before any construction is approved for this undeveloped section of Folsom Street and the adjacent properties. We also request that the safety measures and oversight is transparent to the impacted neighbors.

Sincerely.

Name & Signature

Address

1000

July 5, 2016

Board of Supervisors City Hall San Francisco, CA 94102

Dear Supervisors,

I am writing with a strong request for an environmental review of the two constructions lots at 3516 and 3526 Folsom Street in San Francisco. These sites have been given a categorical exemption from environmental review.

This plot of land, comprised of 6 lots and a street right of way, present significant safety hazards including, the one of most concern to me, which is......

the construction over a 26 link PG and E gas pipeline without industry recommended safety protocols in place.

In addition, the heavy equipment and trucks that will be used in construction will be extremely difficult and dangerous to navigate, blocking emergency vehicles to all homes and properties north of Chapman Street.

There are specific NTSB and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

Please take the opportunity to keep San Francisco safe by requiring that a complete environmental review is undertaken and all appropriate safety measures are in place before any construction is approved for this undeveloped and vulnerable hillside.

Luciana Padilla 56 Roscoe St.

Sinterely Luciano

San Francisco, CA

94110

July 5, 2016

Dear Supervisors,

## Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

#### These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry
  recommended safety protocol in place, resulting in the potential loss of life and property. All
  safety guidelines and oversight must be transparent and shared with residents. The San Bruno
  tragedy is fresh in our minds.
- Hazardous traffic conditions at the comer of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable, Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.
- The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

Sincerely,			
Vichi Legin	107 Elsworth	July 5	16
	Address	Date	7
Name & signature of stso. edu		, · · <del>·</del>	
Email	Phone (optional)		

Date: July 6, 2016

**Board of Supervisors** 

Dear Board Members,

Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety and problems.

#### These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place and made public, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.
- Difficult-to-manage traffic conditions at the corner of Folsom and Chapman Streets. The projects have no got street parking, and on-street parking will be eliminated from 2 more houses. (And, there is the potential for 4 additional new homes) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- > The project's tack of planning for garbage, recycling, and compost pickup will impace both public health and safety.
- > The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.
- > The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific NTSB and Pipeline Information and Protection Act protocols that should be followed for all land use near pipelines, and we expect assurances from you that these will be met.

This is your opportunity to keep your promise to the keep the citizens of San Francisco safe by requiring that a complete environmental review is undertaken and all appropriate safety measures are in place before any construction is approved for this undeveloped section of Folsom Street and the adjacent properties. We also request that the safety measures and oversight is transparent to the impacted neighbors.

Sincerely.

Name & Signature

Danto and & c

Date/

**Board of Supervisors** 

Dear Board Members,

## Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety and problems.

#### These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place and made public, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.
- Difficult-to-manage traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking, and on-street parking will be eliminated from 2 more houses. (And, there is the potential for 4 additional new homes) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- > The project's lack of planning for garbage, recycling, and compost pickup will impace both public health and safety.
- > The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.
- > The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific NTSB and Pipeline Information and Protection Act protocols that should be followed for all land use near pipelines, and we expect assurances from you that these will be met.

This is your opportunity to keep your promise to the keep the citizens of San Francisco safe by requiring that a complete environmental review is undertaken and all appropriate safety measures are in place before any construction is approved for this undeveloped section of Folsom Street and the adjacent properties. We also request that the safety measures and oversight is transparent to the impacted neighbors.

Sincerely,

Name & Signatur

Address

July 6,2016

Date

**Board of Supervisors** 

Dear Board Members,

Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety and problems.

#### These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place and made public, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.
- Difficult-to-manage traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking, and on-street parking will be eliminated from 2 more houses. (And, there is the potential for 4 additional new homes) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- > The project's lack of planning for garbage, recycling, and compost pickup will impace both public health and safety.
- > The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.
- > The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific NTSB and Pipeline Information and Protection Act protocols that should be followed for all land use near pipelines, and we expect assurances from you that these will be met.

This is your opportunity to keep your promise to the keep the citizens of San Francisco safe by requiring that a complete environmental review is undertaken and all appropriate safety measures are in place before any construction is approved for this undeveloped section of Folsom Street and the adjacent properties. We also request that the safety measures and oversight is transparent to the impacted neighbors.

Sincerety

Name & Signature

Addrage

Dale

**Board of Supervisors** 

Dear Board Members,

Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety and problems.

#### These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place and made public, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.
- Difficult-to-manage traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking, and on-street parking will be eliminated from 2 more houses. (And, there is the potential for 4 additional new homes) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- > The project's lack of planning for garbage, recycling, and compost pickup will impace both public health and safety.
- > The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.
- The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific NTSB and Pipeline Information and Protection Act protocols that should be followed for all land use near pipelines, and we expect assurances from you that these will be met.

This is your opportunity to keep your promise to the keep the citizens of San Francisco safe by requiring that a complete environmental review is undertaken and all appropriate safety measures are in place before any construction is approved for this undeveloped section of Folsom Street and the adjacent properties. We also request that the safety measures and oversight is transparent to the impacted neighbors.

Sincerely

Name & Signature

Arldrage

2016 Dele 07-06-2016

**Board of Supervisors** 

Dear Board Members,

Request for Environment Review - Our safety and even our lives are at stake,

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety and problems.

#### These include:

Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place and made public, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.

Difficult-to-manage traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking, and on-street parking will be eliminated from 2 more houses. (And, there is the potential for 4 additional new homes). Delivery trucks. construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.

The project's lack of planning for garbage, recycling, and compost pickup will impace both public health and safety.

The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.

The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific NTSB and Pipeline Information and Protection Act protocols that should be followed for all land use near pipelines, and we expect assurances from you that these will be met.

This is your opportunity to keep your promise to the keep the citizens of San Francisco safe by requiring that a complete environmental review is undertaken and all appropriate safety measures are in place before any construction is approved for this undeveloped section of Folsom Street and the adjacent properties. We also request that the safety measures and oversight is transparent to the impacted neighbors.

Sincerely,

Mary Alice Solvedo 29 Holyoko St & 7-7-16
Name & Signature Mary alice Solvedo Address 9/4/34 Date

**Board of Supervisors** 

Dear Board Members,

Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety and problems.

#### These include:

Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place and made public, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.

Difficult-to-manage traffic conditions at the comer of Folsom and Chapman Streets. The projects have no on-street parking, and on-street parking will be eliminated from 2 more houses. (And, there is the potential for 4 additional new homes) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.

The project's lack of planning for garbage, recycling, and compost pickup will impace both public health and safety.

The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.

The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific NTSB and Pipeline Information and Protection Act protocols that should be followed for all land use near pipelines, and we expect assurances from you that these will be met.

This is your opportunity to keep your promise to the keep the citizens of San Francisco safe by requiring that a complete environmental review is undertaken and all appropriate safety measures are in place before any construction is approved for this undeveloped section of Folsom Street and the adjacent properties. We also request that the safety measures and oversight is transparent to the impacted neighbors.

Sincerely

Jame & Signature

Address

Date

Board of Supervisors

Dear Board Members,

Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety and problems.

#### These include:

Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place and made public, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.

Difficult-to-manage traffic conditions at the comer of Folsom and Chapman Streets. The projects have no on-street parking, and on-street parking will be eliminated from 2 more houses. (And, there is the potential for 4 additional new homes) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.

The project's lack of planning for garbage, recycling, and compost pickup will impace both public health and safety.

The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.

The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific NTSB and Pipeline information and Protection Act protocols that should be followed for all land use near pipelines, and we expect assurances from you that these will be met.

This is your opportunity to keep your promise to the keep the citizens of San Francisco safe by requiring that a complete environmental review is undertaken and all appropriate safety measures are in place before any construction is approved for this undeveloped section of Folsom Street and the adjacent properties. We also request that the safety measures and oversight is transparent to the impacted neighbors.

Sincerely,		
officer C. Mycu'o	3730 Folson	717/16
Name & Signature	Address	Date

Dear Supervisors,

## Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

#### These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place, resulting in the potential loss of life and properly. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.
- Hazardous traffic conditions at the comer of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks. construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- . The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.
- · The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

This is your opportunity to keep your promise to assure that citizens of San Francisco are safe by requiring that a complete environmental review is undertaken and all appropriate safety measures are in place before any construction is approved for this undeveloped and vulnerable hillside. We also request that the safety measures and oversight are transparent to the impacted neighbors and the traffic/parking issues are addressed.

Sincerely,

Dear Supervisors,

## Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

## These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place, resulting in the potential loss of life and properly. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.
- Hazardous traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.
- The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park,

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

Sincerely,		
Shit mar In I	36/5 FT2550M St.	7-5-16
Name & Signature	Address	Date
Email	Phone (optional)	<del>-</del> v

Dear Supervisors.

## Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

#### These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry
  recommended safety protocol in place, resulting in the potential loss of life and properly. All
  safety guidelines and oversight must be transparent and shared with residents. The San Bruno
  tragedy is tresh in our minds.
- Hazardous traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.
- The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

Sincerely,		
With	3615 FOLS, M ST	07-05-16
Name & Signature 2-26 AUL COM	Address	Date
Email	Phone (optional)	

Dear Supervisors.

## Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

#### These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.
- Hazardous traffic conditions at the comer of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- . The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- The project site's proposed steep street presents a significant threat to drivers and residents. and a liability issue for homeowners and the City.
- . The structures would create a north-facing solid wall blocking significant public vistes from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

This is your opportunity to keep your promise to assure that citizens of San Francisco are safe by requiring that a complete environmental review is undertaken and all appropriate safety measures are in place before any construction is approved for this undeveloped and vulnerable hillside. We also request that the safety measures and oversight are transparent to the impacted neighbors and the traffic/parking issues are addressed.

Name & Signature

Sincerely

Phone (optional)

Address

3478

Dear Supervisors,

## Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

#### These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry
  recommended safety protocol in place, resulting in the potential loss of life and property. All
  safety guidelines and oversight must be transparent and shared with residents. The San Bruno
  tragedy is fresh in our minds.
- Hazardous traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.
- The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

Sincerely,		
Quit	3625 FUL	xomst 9/5/14
Name & Signature	Address	Date
Thousandst Damin Email	Phone (optional)	

Dear Supervisors,

## Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

#### These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry
  recommended safety protocol in place, resulting in the potential loss of life and property. All
  safety guidelines and oversight must be transparent and shared with residents. The San Bruno
  tragedy is fresh in our minds.
- Hazardous traffic conditions at the comer of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- The project's tack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.
- The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

This is your opportunity to keep your promise to assure that citizens of San Francisco are safe by requiring that a complete environmental review is undertaken and all appropriate safety measures are in place before any construction is approved for this undeveloped and vulnerable hillside. We also request that the safety measures and oversight are transparent to the impacted neighbors and the traffic/parking issues are addressed.

Name & Signature

Email

Sincere

Address

Phone (optional)

Dear Supervisors.

## Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

#### These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place, resulting in the potential loss of life and properly. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.
- Hazardous traffic conditions at the comer of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- . The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- . The project site's proposed steep street presents a significant threat to drivers and residents. and a liability issue for homeowners and the City.
- The structures would create a north-facing solld wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

This is your opportunity to keep your promise to assure that citizens of San Francisco are safe by requiring that a complete environmental review is undertaken and all appropriate safety measures are in place before any construction is approved for this undeveloped and vulnerable hillside. We also request that the safety measures and oversight are transparent to the impacted neighbors and the traffic/parking issues are addressed.

Sincerely, / Industrial 350 GA 18 57 7/5/7016

Name & Signature Address 415-713:8192

Date

Dear Supervisors,

## Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

## These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry
  recommended safety protocol in place, resulting in the potential loss of life and property. All
  safety guidelines and oversight must be transparent and shared with residents. The San Bruno
  tragedy is fresh in our minds.
  - Hazardous traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.
- The structures would create a north-facing solid wall blocking significant public vistas
  from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

This is your opportunity to keep your promise to assure that citizens of San Francisco are safe by requiring that a complete environmental review is undertaken and all appropriate safety measures are in place before any construction is approved for this undeveloped and vulnerable hillside. We also request that the safety measures and oversight are transparent to the impacted neighbors and the traffic/parking issues are addressed.

Sincerely,

Name & Signature

Address

Phone (optional)

Dear Supervisors,

## Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

#### These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry
  recommended safety protocol in place, resulting in the potential loss of life and property. All
  safety guidelines and oversight must be transparent and shared with residents. The San Bruno
  tragedy is fresh in our minds.
- -Hazardous traffic conditions at the comer of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- The project site's proposed steep street presents a significant threat to drivers and residents,
   and a liability issue for homeowners and the City.
- The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

Name & Signature Address Date	Name & Signature Address Date	Name & Signature	Address [	7-5-1 Date
-------------------------------	-------------------------------	------------------	-----------	---------------

Dear Supervisors,

## <u>Urgent Request for Environment Review - Our safety and even our lives are at stake.</u>

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

#### These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry
  recommended safety protocol in place, resulting in the potential loss of life and property. All
  safety guidelines and oversight must be transparent and shared with residents. The San Bruno
  tragedy is fresh in our minds.
- Hazardous traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.
- The structures would create a north-facing solid wall blocking significant public vistas
  from Bernal Heights Boulevard along the open-space park,

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

Sincerely,	9	<i>i.</i> 1
ROBERTMASON	117 B SAKS	7/5/16
Name & Signature	Address	Date /
Email	Phone (optional)	<del></del>

Dear Supervisors,

## Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

## These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry
  recommended safety protocol in place, resulting in the potential loss of life and property. All
  safety guidelines and oversight must be transparent and shared with residents. The San Bruno
  tragedy is fresh in our minds.
- Hazardous traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- The project site's proposed steep street presents a significant threat to drivers and residents, and a fiability issue for homeowners and the City.
- The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

This is your opportunity to keep your promise to assure that citizens of San Francisco are safe by requiring that a complete environmental review is undertaken and all appropriate safety measures are in place before any construction is approved for this undeveloped and vulnerable hillside. We also request that the safety measures and oversight are transparent to the impacted neighbors and the traffic/parking issues are addressed.

Sincerely,

| Jacks Rezwick | 240 Anderson St | 7.6:16 |
| Name & Signature | Address | 45 723126 |
| Email | Phone (optional)

Dear Supervisors,

## Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

#### These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry
  recommended safety protocol in place, resulting in the potential loss of life and property. All
  safety guidelines and oversight must be transparent and shared with residents. The San Bruno
  tragedy is fresh in our minds.
- Hazardous traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.
- The structures would create a north-facing solid wall blocking significant public vistas
  from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

This is your opportunity to keep your promise to assure that citizens of San Francisco are safe by requiring that a complete environmental review is undertaken and all appropriate safety measures are in place before any construction is approved for this undeveloped and vulnerable hillside. We also request that the safety measures and oversight are transparent to the impacted neighbors and the traffic/parking issues are addressed.

Sincerely,

Geri Sinessaen as

Name & Signature

as a 900 a gm cul, noun
Email

Address
45 500 2896

Phone (optional)

Date

Date: July 6, 246

**Board of Supervisors** 

Dear Board Members,

Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety and problems.

#### These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place and made public, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.
- Difficult-to-manage traffic conditions at the corner of Folsom and Chapman Streets. The projects have no op-street parking, and on-street parking will be eliminated from 2 more houses. (And, there is the potential for 4 additional new homes) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- > The project's tack of planning for garbage, recycling, and compost pickup will impace both public health and safety.
- > The project site's proposed sleep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.
- > The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific NTSB and Pipeline Information and Protection Act protocols that should be followed for all land use near pipelines, and we expect assurances from you that these will be met.

This is your opportunity to keep your promise to the keep the citizens of San Francisco safe by requiring that a complete environmental review is undertaken and all appropriate safety measures are in place before any construction is approved for this undeveloped section of Folsom Street and the adjacent properties. We also request that the safety measures and oversight is transparent to the impacted neighbors.

Sincerely.

Name & Slohature

540 Makang St.

= /

dress

Date

Dear Supervisors,

## Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

#### These include:

- -Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.
- Hazardous traffic conditions at the comer of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.
- The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

Sincerely,		
Robentalman Pontaum	42 Nevada St S	T 94110
Name & Signature  ratalman Pyahoo.com	Address _415-726-0633	Date 7/6/14
Email	Phone (optional)	

Dear Supervisors,

## Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

#### These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry
  recommended safety protocol in place, resulting in the potential loss of life and property. All
  safety guidelines and oversight must be transparent and shared with residents. The San Bruno
  tragedy is fresh in our minds.
- Hazardous traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.
- The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

Sincerely, Ruth Castro		•
Ruth Capto.	67 Pleutise ST.	7-7-2016
Name & Signature	Address	Date
Emáil	Phone (optional)	<del></del>

Dear Supervisors.

## Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

#### These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.
- e Hazardous traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks. construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- a The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- The project site's proposed steep street presents a significant threat to drivers and residents. and a liability issue for homeowners and the City.
- The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

This is your opportunity to keep your promise to assure that citizens of San Francisco are safe by requiring that a complete environmental review is undertaken and all appropriate safety measures are in place before any construction is approved for this undeveloped and vulnerable hillside. We also request that the safety measures and oversight are transparent to the impacted neighbors and the traffic/parking issues are addressed.

Sincerely.

Name & Signature

Name & Signature

Nancy Zeches Quaha.

Phone (optional)

Phone (optional)

Dear Supervisors,

## Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

#### These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry recommended safety protocol in place, resulting in the potential loss of life and property. All safety guidelines and oversight must be transparent and shared with residents. The San Bruno tragedy is fresh in our minds.
- Hazardous traffic conditions at the comer of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.
- The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

Sincerely, Sharen Zeches  Sharen Beches	1553 Finch Way	7.6.14	
Name & Signature	Address	Date	
Sazeches & Shedlabel.	408 735 8161 Phone (optional)	**3:	

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the viritage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Sincerely,	
Mrthus Cam	105 Cortland Ave SF 94110
Signature	Address
Mothew Evans	matthew. evans to csueasthay. edu
Printed name	- Email
7-2-16	(650) 863-5569
Date	Phone number (Optional)

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("Catex") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. <u>Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States</u>. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Sincerely,	4964 MISSION ST.
Signature	Address
VALERIO PAOLUCCI	VALERZIP @ GMAIL . ROW
Printed name	Email
07/07/16	
Date	Phone number (Optional)

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

Sincerely,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States, identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Allow Next 214 Fisie St. St 94110

Signature Address

Mark West

Printed name Email

7/2/16

Date Phone number (Optional)

Dear Supervisors,

## Urgent Request for Environment Review - Our safety and even our lives are at stake.

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

## These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry
  recommended safety protocol in place, resulting in the potential loss of life and property. All
  safety guidelines and oversight must be transparent and shared with residents. The San Bruno
  tragedy is fresh in our minds.
- ·Hazardous traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- The project site's proposed steep street presents a significant threat to drivers and residents,
   and a liability issue for homeowners and the City,
- The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

Sincerely,		•
ADAM GARREN Admit	68 NEUADAST.	7/5/2016
Name & Signature	Address	Date
Email	Phone (optional)	·

Dear Supervisors,

## Urgent Request for Environment Review - Our safety and even our lives are at stake,

Construction on two lots at 3516 and 3526 Folsom Street have been given categorical exemption from environmental review, however this particular plot of land, encompassing 6 lots and a street right of way, poses significant, potentially life-threatening, safety hazards.

#### These include:

- Construction by a private developer over a 26" PG&E gas pipeline without industry
  recommended safety protocol in place, resulting in the potential loss of life and property. All
  safety guidelines and oversight must be transparent and shared with residents. The San Bruno
  tragedy is fresh in our minds.
- Hazardous traffic conditions at the corner of Folsom and Chapman Streets. The projects have no on-street parking. Two garages and the driveways currently used will be rendered unusable. Residents will be forced to search parking on a street where space is already severely inadequate. (And, there is the potential for 4 additional new homes.) Delivery trucks, construction vehicles, and visitors will be forced to park at the base of the street, blocking access to many homes.
- The project's lack of planning for garbage, recycling, and compost pickup will impact both public health and safety.
- The project site's proposed steep street presents a significant threat to drivers and residents, and a liability issue for homeowners and the City.
- The structures would create a north-facing solid wall blocking significant public vistas from Bernal Heights Boulevard along the open-space park.

There are specific National Transportation Safety Board and Pipeline Informed Planning Alliance protocols that should be followed for all land use near pipelines, and we expect assurances and evidence from you and the responsible City agencies that these protocols will be thoroughly adhered to.

Sincerely:		
Rachel Hole Out	68 Nevada St.	7/5/16
Name & Signature	Address	Date
Email	Phone (optional)	<del>-</del>

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a GA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission bipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Lurge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Sincerely,	
TAMEAMW)	76 WOOL ST ST CX 94/10
Signature	Address
DIANE DOLLOFF	CACAA.
Printed name	Email
7 2/16	
Date	Phone number (Optional)

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

*y*.

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Sincerely,

Dury Dumber	354 MouthieSt SF, CA 9411C
Signature	Address
Deborah Hamolslay	debhamolskya] amail-com
9.3.16	
Date	Phone number (Optional)

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members.

Sincerely.

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blow up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Muan Milline 828 Cortland Orc
Signature Address

Mikiam R Hotkut
Printed name Email

Luly 3-2016
Pate Phone number (Optional)

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. <u>Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States</u>. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles, Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Sincerely,

O Vin Del	of Costland, SF CA 94110
Signature	Address
Amy Young	Cemymay yang Ogmail, w
Printed name	Email O O
aly 3 adle	
Date /	Phone number (Optional)

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco: I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Sincerely,	
Kattellen Karser	201 Elsie
Signature	Address
Kathleen Kaiser	rkoiser 940@ comcast net
Printed name	Email
7-3-16	415-826-4577
Date	Phone number (Optional)

## Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members.

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a GA Environmental Quality Act ("CEQA") Categorical Exemption ("Catex") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blow up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. <u>Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States</u>. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Sincerely,	
Man I	B Glodys St Son Francisco 94110
Signature	Address
Molhen Binnes m	mitimen spanil
Printed name	Email
741V	
Date	Phone number (Optional)

### Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - It is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Sincerely,	
Tha Stal	99 BRONTE SF 94110
Signature	Address
TOM EBERSOLD	
Printed name	Email
7/2/16	
Date	Phone number (Optional)

### Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. <u>Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States</u>. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Sincerelly,  Dancin Love	559 VALENCIAS CA
Signature DANA ROZE	Address
Printed name	Email
Bate /	Phone number (Optional)

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members.

Canada wales

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("Catex") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

amcerely,	
Olxu Millery	209 CHATES ST. ST CA 9410
Signature	Address
OLIVER MULLIARNET	OMULLARK@ BIMAL . COM
Printed name	Email
2/2/2016	
Date	Phone number (Optional)

### Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

Sincerely.

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. <u>Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States</u>: Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - foo steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Signature

Sephic Elva Id

Printed name

Email

Phone number (Optional)

### Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. <u>Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States</u>, identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Sincerely	2/	10 0 b -1
THAILL	Wemen_	76 Japas 5/
Signature	9. (	Address
LAINDA	WEINER	Juss 92 Comil.com
Printed name	· V //	Email
9/2/16		
Date		Phone number (Optional)

### Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

Sincerely.

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. <u>Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States</u>, Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world—too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

CXM	515 Grates St. Sen Francisco, CA 96111
Signature	Address
Card Burns	Cased burns@gmail. 6m
Printed name	Email
7/2/2016	
Date	Phone number (Optional)

### Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("Catex") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blow up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-ground at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Sincerely,

Flighen Rever	3870 24th St. B SF, CA 94114.
Signature	Address
Stephanie River	stephenic viveral quantica
Printed name	Email
7/19/10	202-422-4234
<b>Sate</b>	Phone number (Optional)

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

Sincerely,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("Catex") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Signature
Signature
Address
MJ Vary purts w Tauto

Printed name
Email

Phone number (Optional)

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blow up in San Bruno.

Unlike other gas transmission pipelines in SF, no payement or street cover protects this pipeline - It is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEGA protocols before any accidents happen.

Sch Clou	615 MOULTRIE ST.
Signature SETH CLISE	address seth close of gmail com
Printed name 7/2/2866	Email
Date	Phone number (Optional)

### Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("Catex") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. <u>Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States</u>. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - foo steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Sincerely,

White Her	1001 Tompkins Ave, San Francisco 9440
Signature	Address
Whitney Heavner	
Printed name	Email
7/2/16	
Date	Phone number (Optional)

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("Catex") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. <u>Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States</u>. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Sincerely A Music Sincerely	7 24 GLADYS ST. 94170
Signature DON HAMCh	Address
Printed name  2	Email
Date	Phone number (Optional)

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members.

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blow up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - It is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual pircumstances in this construction project that necessitate environmental review.

Sincerely,

Signature

Signature

Address

Address

Frinted name

Printed name

Phone number (Optional)

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. <u>Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States</u>. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have notine stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Sincerely,

Sandry Rodry	1143 capp st 94110
Signature	Address
SANdry Pode	
Printed name	Émáli
7-2-20016	
Date	Phone number (Optional)

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("Catex") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. <u>Excavation activities are the major cause of accidental ruplures on gas transmission pipelines in the United States</u>, Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access Issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Sincerely,	
1991 ///	50 Peralta Ave 94110
Signature	Address
Bule Salasko	Ksalasko Qanail.com
Printed name	Email
7/2/16	
Date	Phone number (Ontional)

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("Catex") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the sleepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Sincerely,		
fora	359 Moultie St San Francisco	9
Signature	Address	
Joya Ahn		
Printed name	Emall	•
7-2-16		
Date	Phone number (Optional)	-

### Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members.

Sincerely,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("Catex") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - It is only covered by dirt. <u>Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States</u>, identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

C. D'Alexandere 131 Prentiss St. SF. CA. 9411

Signature Address

Christine D'Alessandro

Printed name Email

Plant Phone number (Optional)

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members.

Sincerely,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. <u>Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States</u>. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have noted stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Signature

Signature

Address

S. SALASKO

Printed name

T/2/16

Date

Date

CO Peralta Ave., 94/10

Address

Address

Address

Email

Phone number (Optional)

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Sincerely,

### Signature

Signature

Address

| Langle allown Can
| Email | Phone number (Optional)

### Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members.

Sincerely,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense:

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles, it is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Signature Address

Alex Clements clements alexandrea@gmuil.co

Printed name Email

Date Phone number (Optional)

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. <u>Excavetion activities are the major cause of accidental ruptures on gas transmission pipelines in the United States</u>. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bemai Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top: Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Sincerely	
KM dy2	292 Cregnet AN SF
Signature	Address
Rith Szoti	Cue scotti@grantum
Printed name	Email
7/2/2616	
Date	Phone number (Optional)

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members.

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Sincerely,

Mugeue Monaghan Signature	973 Brussels SI. San Francisco CA
Signature	Address
Eugene Monaghan Printed name	E. Maraghan 2011 @ Yahoo Con
Printed name	Email 9
07/02/16	2115 - 69 755 83.
Date	Phone number (Optional)

### Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members.

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States: Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - foo steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Sincerely,	
16 2	Ids for Jose Ave
Signature INFIESTA	Address
Printed name	Email
7/2/16	
Date	Phone number (Optional)

### Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members.

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("Catex") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - It is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Sincerely,	,
The state of the s	685 SANJOSE ALC
Signature CHAMDERS	Address
Signature CHAHDERS  DAVID CHAMBOS	DAVIDE Roctmonthey aret
Printed name	Email
12/16	
Date	Phone number (Optional)

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members.

Sincerely,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excavation activities are the major cause of accidental runtures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Signature

Signature

Address

Address

Frinted name

Finted name

The Date

Date

240 Athens St

Address

Address

Finall

The Date Phone number (Optional)

### Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PQ&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. <u>Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States</u>. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have notion stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

$\sim M I$
Hlabama St.
nah Kahn @ oft. net
umber (Optional)
į

### Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members.

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Sincerely, Johnson Hash	1317 Kousas St.
Signature	Address
Ulnus M. HASH	machial Chotmail un
Prinisd name	Email
7/2/14	
Date	Phone number (Optional)

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have noten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ansure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Sincerely,

	782 Sweeny	S.F. 94134
Signature	Address	<del></del>
Strant Washington		
Printed name	Email	
7/2/16		
Date	Phone number (Optional)	

### Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blow up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. <u>Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States</u>. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This filly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Sincerely,	
fail Mixingle	× 205 281 Shoot #10
Signature	Address SC QV[3]
Joan Acallister	
Printed name	Email
7/2/16	
Date V	Phone number (Optional)

### Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

Sincerely,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("Catex") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevalls - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Mar	1071 Natoma Street	
Skinature	Address	
# Wrentine kutaganira	frutage amail com	
Printed name	Email V	
7/2/2016		
Date	Phone number (Optional)	

### Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. <u>Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States</u>. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep; it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Sincerely,	1724 BURROUS ST
Signature ARR	akka 10 Dhomail. con
Printed name	Email
Date	Phone number (Optional)

### Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members.

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. <u>Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States</u>. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevalls - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Sincerely,	
James (M)	- 7002-300 ST St 94107
Signature	Address
IDMES KILANITZ	wellik-sofivismo yshoo com
Printed name	Email
7/2/16	
Date	Phone number (Optional)

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. <u>Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States</u>. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Sincerely,		
MAN L. D	644 27th Are	
Signature Andrew Togor	Address	
Printed name	Email	
7-2-16		
Date	Phone number (Optional)	

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. <u>Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States</u>. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate tuture mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Signature

Signature

Address

Printed name

Phone number (Optional)

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members.

Sincerely.

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excavation activities are the major cause of accidental ruplures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Signature 322 Madrid St

Signature Address

Tulio S Larreynaga

Printed name Email

7/2/6

Date Phone number (Optional)

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

Sincerely.

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("Catex") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission of pelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

link file	1111 PINE ST.
Signature	Address
GLANCUCA HARTINI	GLANGUEA. RAKTINIO NE. CAN
Printed name	Email
07/02/2016	
Date	Phone number (Optional)

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

Sincerely.

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Signature

Signature

Address

China Daviday

Printed name

Date

Phone number (Optional)

### Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. <u>Excavation activities are the major cause of accidental runtures on gas transmission pipelines in the United States</u>. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Sincerely,	630 OAK STRETT
Signature	Address
S. ALDEN CONANT	
Printed name	Email
7/2/16	**
Date	Phone number (Optional)

### Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

Sincerely.

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Month 630 Dat St

Signature Address

Olle Ludberg

Printed name Email

7/2 -16

Date Phone number (Optional)

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Sincerely,	
ICA.	260 ANY DIE AVE # 202, SF (A 94110
Signature	Address
DASYLINDOR	daisy linder & grail rowy
Printed name	Email
7/2/16	
Date	Phone number (Optional)

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("Catex") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PO&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. <u>Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States</u>. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Sincerely (Augustian Sincerely)	191 Beaumont Ave
SIMMUN Bridgs	Address
Printed name 0 ) 7 2 1 6	Email
Date	Phone number (Optional)

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

Sincerely.

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - It is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Media	242 Athens St SF 94112
Signature	Address
HEIDI LANGIUS	langios e macion
Printed name	Email
7/2/16	
Date	Phone number (Optional)

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members.

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PQ&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have noten sluck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Sincerely,

25	1724 BULLOUS ST SAN ALANIUSCO
8lgnature	Address
Nadalie or	nasmyers on a grant con
Printed name	Email V
7.2.6	
Date	Phone number (Optional)

# Support Bernal Height's CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members.

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - It is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Sincerely,	49 15. sworth 4 2	5F 15
Signature	Address	<u> </u>
Katherine Nichols	,	
Printed name	Email	<del></del>
7.2.16		
Date	Phone number (Optional)	<del></del>

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. <u>Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States</u>. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have notion stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance preveils - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Sincerely,	
	150 ChANTS AVE 94127
signature A. GÜKShTERN	Address
Printed name	Email
7-2-2016	
Date	Phone number (Optional)

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt, <u>Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States</u>. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Sincerely,		
Chiasa Markini	601 o'farrell street 94109	
Signature	Address	
CHIARA MARTINI	macini, chiasa @ hotmail. it	
Printed name	Email	
07/02/2016	415 - 5396564	·
Date	Phone number (Optional)	

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline – it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Sincerely,	197942nd Ave	
Signature ) Sene Voedbyov	Address	
Printed name 1 67 67 16	Email	
Date	Phone number (Optional)	

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Turge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Sincerely,

Consolite	644 27th Ave SF CA 9412
Signature	Address
Carde L. Fager	
Printed name	Emali
By 7/2/16	
Date	Phone number (Optional)

### Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

Sincerely.

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline – it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have notion stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

God Solo	152 Toland St #6	SP.
Signature Nach Parsons	Address	
Printed name 7-2-16	Èmail	
Data	Phone number (Optional)	<del></del> .

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

Sincerely.

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

hadra Pineda	437 Jensen
Signature Pind	Address ()
Printed hame,	Email
Date	Phone number (Optional)

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members.

Sincaraly

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco, I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("Catex") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blow up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

outroéreià!	
455-	35 Rome St. S.F Ma 7911
Signature	Address
Vara Jianc	
Printed name	Emal
7/2/16	
Date	Phone number (Optional)

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at \$516-8526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. <u>Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States</u>. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Sincerely,	20 Cotto St. St 941/2
Signature Jesse Roberth	Address [will a gradical
Printed name	Email
Date	Phone number (Optional)

### Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

Sincerely.

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. <u>Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States</u>, identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Leticia Whitebox	140 thrist st	
Signature	Address	
Leticia Whitebove Printed name		
Printed name	Email	
7/2/16		
Date	Phone number (Optional)	

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("Catex") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. <u>Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States</u>. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access Issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world—too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Sincerely,	م مراث
Entitute 2002	206 Domand St. 9411
Can M-Photo Jac	MCD host odopo omail.com
Printed name	Email 0
Date	Phone number (Optional)

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

Sincerely,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. <u>Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States</u>. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-ground at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

al	le Gladys St SFCA 94110
Signature	Address
Carolyn Coombs	
Printed name	Email
7/2/10	
Fisia	Phone number (Ontional)

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco, I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CateX") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. <u>Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States</u>. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Sincerely,	445 DARVER JAY 54 94127
Signature PolyMMMM	Address
Printed name	Emall
12 WI	Phone number (Optional)

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members.

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. <u>Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States</u>. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Sincerely,

His Daries Way St A 9412,

Signature Address

Steve Say der Here Say Stevesay Ganad com

Printed name Email

7/2/16

Date Phone number (Optional)

### Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("Catex") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have noten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Sincerely,	577-1479 ST SE 04102
Signature	Address
DAVID STRACHAN	strachande@qmail.com
Printed name 7/2//6	Email
Date	Phone number (Optional)

### Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members.

Sincerely

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. <u>Excavation activities are the major cause of accidental ruplures on gas transmission pipelines in the United States</u>. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks; and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Cirrosto (3)	
Ofwithd	787 Datmouth St
Signature \\\	Address
Alchalo H. A.	
Printed name	Email
1/2/16	
Date	Phone number (Optional)

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

Sincerely.

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blow up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. <u>Excavation activities are the major cause of accidental ruptures on pas</u>
<u>transmission pipelines in the United States</u>. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Signature
Figure

Figure

Address

Email

07/2/2016

Pate

Phone number (Optional)

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("Catex") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blow up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - It is only covered by dirt. <u>Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States</u>. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have notine stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Stricerely,	251 Frederick
Signature	Address
TETER VAN HARDENBERG	
Printed name	Email
John 2-2	
Date	Phone number (Optional)

### Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("Catex") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. <u>Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States</u>. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

oluceieià.		
Daga Hays	362 Mulen Ave	S.F. 9411
Signature	Address	, , , , , , , , , , , , , , , , ,
Donna Haues	all .	
Printed name	Email	
7/3/14		
Date	Phone number (Optional)	

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,	
BERTHUL HONGEHTS BOOK WASHING	
Francisco. I ask that you support an appeal of Exemption ("CatEx") involving a new housing	fortize our public safety over the rush-to-build in San of a CA Environmental Quality Act ("CEQA") Categorical of development at 3516-3526 Folsom Street in Bernal street - directly over, near, and around the vintage 26" same type that blew up in San Bruno.
only covered by dirt. Excavation activities are	, no pavement or street cover protects this pipeline - it is the major cause of accidental ruptures on gas dentifying and mitigating public safety street issues ion sense.
particularly difficult access issues for emerge Several fire trucks have gotten stuck in this a have no on-street parking. The development rank among the steepest in the world - too st	this twisty and congested narrow streets that create ency vehicles, delivery trucks, and construction vehicles. The ultimate future mini-division of six houses will will be accessed by a proposed street so steep, it will teep for emergency vehicle access and many regular with no-turn-around at top. Vehicles will have to back
The SF Planning Department approved the couplic safety issues would be addressed by	construction permits based on design criteria only, saying other SF governmental agencies.
Please ensure good governance prevails - fi addressed through established CEQA proto	hat known and potential public safety hazards be cols before any accidents happen.
	QA Categorical Exemption appeal on July 19th. There are reject that necessitate environmental review.
Sincerely,	
V	22 ELSIE ST.
Signature	Address
PATRICK FRANCE	MODISHUREZ OGNING COM
Printed name	Email
ex alle	

Phone number (Optional)

### Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

Sincerely,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA profocols before any accidents happen.

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Signature 6 GATES 5 9410

Signature Address

MANICYN WATERCHAN YOU'R PRO 19 400. COM

Printed name Email

7 12 16 650 -387-9918

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have no this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Sincerely,	
The state of the s	90 GHTES ST SF 94112
Signature U LUGWELLYN B.K	Eun Address 16/celler@pecbell.net
Printed name 7/2/16	Email 415-290.8024
Date	Phone number (Optional)

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - It is only covered by dirt. <u>Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States.</u> Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Sincerely,	•
Kith But	- 90 Costes St
Signature	Address
Kathryn Bender	biofeedbackkath@gmail.com
Printed name	Emall
7/2/2016	
Date	Phone number (Optional)

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States, identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so sleep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Sincerely,	200 Confland thre Sun Francisco ca 94110	
Signature	Address	
Olivishina Smith		
Printed name	Emall	
1/2/11	9165190230	
Date	Phone number (Optional)	

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members.

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street gover protects this pipeline - it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have noted stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Sincerely,	
MUM	21 Pathan St, cA 94110
Signature 1	Address
Holly Wedel	HMCDELL DEMAIL COM
Printed pame	Emall
7/3/16	
Date	Phone number (Optional)

### Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members.

Sincerely,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - It is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Phone number (Optional)

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("Catex") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

Sincerely,		
la Sato	662 El(Swarte	SY
Signature	Address	
Cecille salds	54-01-9411	0
Printed name	Email	1
7/4/16	cecillesautosassos	eglobal
Date/	Phone number (Optional)	Nã

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members.

Sincerely,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("Catex") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street – directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 – the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. <u>Excavetion activities are the major cause of accidental ruptures on gas transmission pipelines in the United States</u>. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have golten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual direumstances in this construction project that necessitate environmental review.

Roll Off 21 Contland Ave Son Francisco CA 7411
Signature & Address
Poul Offerry
Printed name Email

Phone number (Optional)

3572

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

Sincerely,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline – it is only covered by dirt. <u>Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States</u>. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevalls - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

turge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Address

Descua Glbbs

Printed name

SWy 3 2014

Phone number (Optional)

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

Sincerely,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excavation activities are the major cause of accidental runtures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Sway Eval. If quyl. of quyl signature

Signature

Address

Sershber@concast.net

Printed name

F-2-14

Phone number (Optional)

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by diff. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Sincerely,	
1more 1500	ugh crescent ave
Signature Wichael Beathe	address memberthe gmail, con
Printed name 7-2-10	Email
Date	Phone number (Optional)

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members.

Sincerely,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline – it is only covered by dirt. <u>Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States</u>. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its lwisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Date

243 16th Aut. SF. 9416

Address

Address

Email

Date

Phone number (Optional)

Month institution (appear

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA profocols before any accidents happen.

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Sincerely,

Judite albano-	S5 CHICAGO WAY	CANTRANCISCO
Signature Stours	Address	94,
Printed name  97 - 02 - 16	Email	
Date	Phone number (Optional)	

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

Dinamely

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("Catex") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline – it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles, Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Officerely,	
HAMAN	1266 Stangandweet Act 2 Address SF Ca 94117
Signature	Address OSF.Ca.94117
Monar Mishords	mic 2917@ wahoo.com
Printed name	Email
7/2/16	
Date	Phone number (Optional)

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

Sincerely.

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blow up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. <u>Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States</u>, identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Europealcol

Signature

Address

Finite Roderick

Printed hame

T/2/16

Date

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

Sincerely,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. It ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

S. Williams
Printed name
Email

7/0/10

Date
Phone number (Optional)

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. <u>Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States</u>. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Sincerely,

Myanell	2438 Miramar Ane, sant	Francisco . r.A
Signature	Address	94112
Caratina McCandless Printed name	Carolina @zesty.com	·
Printed name	Email	
7-12-116		
Date	Phone number (Optional)	

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excavetion activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Sincerely,	103 Holly Pinh Gr	
Signature PAOVA (ARMA) ML	prolognitoriete a guril com	
Printed name  1/2/2/6	₩ Email	
Date	Phone number (Optional)	

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline – if is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevalls - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Sincerely	J A
What	706 Powsoneson
Signature	Address
GNIK & 11955TAD	Ellestino a como l. co
Printed name	Émail
Date	Phone number (Optional)

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a GA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Sincerely,

J. My	105 Cortland Ave, San Francisco, CA 94110
Signature	Address
Sophie Minning	caphie minnes o gmail am
Printed name	Email
7.2.2010	
Date	Phone number (Optional)

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

Sincerely,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEGA protocols before any accidents happen.

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Alfons Desc. 131 PATISS ST. 94110

Signature Address

Printed name Email

7/2/14

Date Phone number (Optional)

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - clirectly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have notion stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Sincerely,

William	134 Mullen AVE, SF 94110
Signature	Address
Wilson Fest 1800	we cest cepo or amail com
Printed name	Email
b 7-2-16	954-695-5576
Date	Phone number (Optional)

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - It is only covered by dirt. Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-ground at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Sincerely,

Debotah Jenson

Printed name

July 2, 2016

Phone number (Optional)

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members.

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. <u>Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States.</u> Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

l urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Sincerely,

neth	w	Davy	376	Moultrie 57
Signature	1	4	Address	the state of the s
Ka	thre	10 DEVIS		
Printed n	ame	Transfer in the second	Emall	
$\sim$	03	12016		
Date			Phone number (0	Optional)

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members.

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEGA") Categorical Exemption ("CatEx") Involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline – it is only covered by dirt. <u>Excavation activities are the major cause of ecoldental ruptures on gas transmission pipelines in the United States</u>. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Sincerely,

Owater Bleri	289 Andorson St. 5 F 94110
Signature	Address
Onstra Blevias	XXX
Printed name	Emall
July 3 2016	WA
Date	Phone number (Optional)

# Support Bernal Height's CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

Sincerely,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. <u>Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States</u>. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Alexandra Gusto 3587 19th St. 5th
Address
Alexandra Gusto alignature
Printed name
Emiall
Date
Phone number (Optional)

# Support Bernal Heights CEQA CatEx Appeal on July 19th The safety of our community is at stake

Dear Board Members,

Sincerely,

As a San Francisco resident, I urge you to prioritize our public safety over the rush-to-build in San Francisco. I ask that you support an appeal of a CA Environmental Quality Act ("CEQA") Categorical Exemption ("CatEx") involving a new housing development at 3516-3526 Folsom Street in Bernal Heights to be accessed by a proposed steep street - directly over, near, and around the vintage 26" PG&E Gas Transmission Pipeline 109 - the same type that blew up in San Bruno.

Unlike other gas transmission pipelines in SF, no pavement or street cover protects this pipeline - it is only covered by dirt. <u>Excavation activities are the major cause of accidental ruptures on gas transmission pipelines in the United States</u>. Identifying and mitigating public safety street issues before construction begins is plain common sense.

This hilly area of Bernal Heights is known for its twisty and congested narrow streets that create particularly difficult access issues for emergency vehicles, delivery trucks, and construction vehicles. Several fire trucks have gotten stuck in this area. The ultimate future mini-division of six houses will have no on-street parking. The development will be accessed by a proposed street so steep, it will rank among the steepest in the world - too steep for emergency vehicle access and many regular vehicles. It is proposed as a dead-end street with no-turn-around at top. Vehicles will have to back down into a blind intersection.

The SF Planning Department approved the construction permits based on design criteria only, saying public safety issues would be addressed by other SF governmental agencies.

Please ensure good governance prevails - that known and potential public safety hazards be addressed through established CEQA protocols before any accidents happen.

I urge you to support the Bernal Heights CEQA Categorical Exemption appeal on July 19th. There are unusual circumstances in this construction project that necessitate environmental review.

Sheri Browssord

Printed name

TIZIU

Date

Coll Toward 84, SF, CA 94116

Address

Email

Phone number (Optional)

#### Carroll, John (BOS)

From:

BOS Legislation, (BOS)

Sent:

Friday, December 09, 2016 8:52 AM

To: Cc: ryan@zfplaw.com; Fabien@novadesignsbuilds.com; fabien@bluorange.com; Olson, Charles Givner, Jon (CAT); Stacy, Kate (CAT); Byrne, Marlena (CAT); Rahaim, John (CPC); Sanchez, Scott (CPC); Gibson, Lisa (CPC); Starr, Aaron (CPC); Rodgers, AnMarie (CPC); Horner, Justin (CPC); Sucre, Richard (CPC); Ionin, Jonas (CPC); Calvillo, Angela (BOS); Somera, Alisa (BOS); Lew, Lisa (BOS); BOS-Supervisors; BOS-Legislative Aides; Smith, Diana; Lee,

Carolyn; 'jfogarty@sonic.net'; 'jwallace@jaywallaceassociates.com'; Betzy Lesser; Herb

Felsenfeld; BOS Legislation, (BOS)

Subject:

APPEAL RESPONSE - Appeal of Exemption Determination - Proposed Project at 3516-3526

Folsom Street - Appeal Hearing on December 13, 2016

Categories:

161278

#### Good afternoon,

Please find the letter linked below received by the Office of the Clerk of the Board from the Project Sponsor, requesting that Supervisor Campos recuse himself from the hearing concerning the Exemption Determination Appeal for the proposed project at 3516-3526 Folsom Street.

#### Project Sponsor Letter - December 8, 2016

The appeal hearing for this matter is scheduled for a 3:00 p.m. special order before the Board on December 13, 2016.

I invite you to review the entire matter on our <u>Legislative Research Center</u> by following the link below:

#### Board of Supervisors File No. 161278

Regards,

#### **Brent Jalipa**

#### **Legislative Clerk**

Board of Supervisors - Clerk's Office 1 Dr. Carlton B. Goodlett Place, Room 244 San Francisco, CA 94102 (415) 554-7712 | Fax: (415) 554-5163

brent.jalipa@sfgov.org | www.sfbos.org



Click <u>here</u> to complete a Board of Supervisors Customer Service Satisfaction form

Disclosures: Personal information that is provided in communications to the Board of Supervisors is subject to disclosure under the California Public Records Act and the San Francisco Sunshine Ordinance. Personal information provided will not be redacted. Members of the public are not required to provide personal identifying information when they communicate with the Board of Supervisors and its committees. All written or oral communications that members of the public submit to the Clerk's Office regarding pending legislation or hearings will be made available to all members of the public for inspection and copying. The Clerk's Office does not redact any information from these submissions. This means that personal information—including names, phone numbers, addresses and similar information that a member of the public elects to submit to the Board and its committees—may appear on the Board of Supervisors' website or in other public documents that members of the public may inspect or copy.

Ms. Angela Cavillo Clerk San Francisco Board of Supervisors 1 Dr. Carlton Goodlett Place City Hall, Room 244 San Francisco, CA 94102

RE: Appeal of CEQA Categorical Exemption Determination
Planning Case No. 2013.1383E
Building Permit Application Nos. 2013.12.16.4318 & 2013.16.4322
3516-3526 Folsom Street ("Project Site")

#### Dear Ms. Cavillo:

I am the owner of 3516 Folsom Street and the applicant for the referenced building permits, which are the subject the subject of this appeal. I am writing to request that Supervisor David Campos, an officer of the City and County of San Francisco, recuse himself from acting on or voting on the above matter.

As you may know, Supervisor Campos owns a home located at 401 Chapman Street, which is within 500 feet of the Project Site.

Pursuant to Section 3.206 of the San Francisco Administrative Code, "No officer ...of the City and County shall make, participate in making, or seek to influence a decision of the City and County in which the officer...has a financial interest within the meaning of California Government Code Section 87100 et. seq. and any subsequent amendments to these Sections."

Government Code Section 87100 states that "No public official at any level of state or local government shall make, participate in making or in any way attempt to use his official position to influence a governmental decision in which he knows or has reason to know he has a financial interest."

Government Code Section 87103 states that "A public official has a financial interest in a decision within the meaning of Section 87100 if it is reasonably foreseeable that the decision will have a material financial effect, distinguishable from its effect on the public generally, on the official, a member of his or her immediate family or on any of the following: (b) Any real property which the public official has a direct or indirect interest worth two thousand dollars (\$2,000) or more."

California Code of Regulations, Title 2, Division 6 sets forth the regulations of California's Political Reform Act and Sections 87100 et. seq.

Regulation 18702.2(a) provides a list of circumstances under which the reasonably foreseeable financial effect of a governmental decision on real property in which an official has a financial interest is material. The list of circumstances includes construction of, or improvements to, streets, water, sewer, storm drainage or similar facilities that would:

- Change the development potential of the official's parcel of real property (Regulation 18702.2(a)(7).)
- Change the income producing potential of the parcel of real property (Regulation 18702.2(a)(8).)
- Change the highest and best use of the real property in which the official has an interest (Regulation 18702.2(a)(9).)
- Change the character of the parcel of real property by substantially altering traffic levels, intensity of use, including parking, of property surrounding the official's real property parcel, the view, privacy, noise levels, or air quality, including odors, or any other factors that would affect the market value of the real property party in which the official has a financial interest. (Regulation 18702.2(a)(10).)
- Involve any decision affecting real property value located within 500 feet of the property line of the official's real property, other than commercial property containing a business entity.... (Regulation 18702.2(a)(11).)
- Cause a reasonably prudent person, using due care and consideration under the circumstances, to believe that the governmental decision was of such a nature that its reasonably foreseeable effect would influence the market value of the official's property (Regulation 18702.2(a)(12).)

The FPPC, in its August 2015 Guide To The Conflict of Interest Rules of the Political Reform Act, a copy of which is attached as **Exhibit A**, states that a material financial effect is assumed if the above maters are present. (See pages 7-8.) These laws, regulations and principals were applied as recently as June 21, 2016, in Oakland when its Civil Grand Jury found that City Council President Lynette Gibson McElhaney broke state and city ethics laws by interfering with the approval process for a 5-unit development planned for a lot next door to her home. See, **Exhibit B**.

The Appellants have stated in their Appeal Letter, dated June 3, 2016, that there are at least 19 "facts" that would result in damage to and diminution of value to neighboring residents. Many of the signers of the Appeal Letter live on Chapman Street, the same street that Supervisor Campos owns a home on. Supervisor Campos' interest in his real property would incur the same alleged impacts as those identified by the Appellants. His "injury" or "damage" is not similar to the public at

large, but rather is a localized impact that might affect, if at all, only the neighbors in the nearby vicinity of the project site.

Based on the facts set forth herein, and the applicable conflict of interest laws and regulations, Supervisor David Campos has a clear conflict of interest in this matter and he should immediately recuse himself from taking any action or participating in any vote involving the Project Site.

If for some reason Supervisor Campos will not be recusing himself on all matters and votes involving the Project, please let me know immediately.

Thank you.

Very truly yours,

Fabien Lannoye

CC: Supervisor David Campos City Attorney Dennis Herrera

# Exhibit A

# Recognizing Conflicts of Interest

A Guide to the Conflict of Interest Rules of the Political Reform Act

Fair Political Practices Commission August 2015



This guide is provided by the Fair Political Practices Commission (FPPC) as a general overview of a public official's obligations under the conflict of interest rules provided for in the Political Reform Act (the Act). It is intended to help the user spot situations and issues that may give rise to a conflict. The guide will provide answers to some of the more common questions:

- · What is a conflict of interest under the Act?
- Who must be vigilant about conflicts of interest?
- What precautions can be taken to prevent conflicts?
- A conflict of interest exists, what now?
- Where to go for help?

A word of caution - officials should not rely solely on this guide to ensure compliance with the Act, but should also consult the statutes of the Act, the FPPC's regulations, and if necessary, seek legal advice.

# What is a conflict of interest under the Act?

In 1974, the voters enacted the Political Reform Act.<sup>2</sup> In adopting the Act, the voters recognized that conflicts of interest in governmental decision-making by public officials posed a significant danger.

"The people find and declare ...

- State and local government should serve the needs and respond to the wishes of all citizens equally, without regard to their wealth;
- b) Public officials, whether elected or appointed, should perform their duties in an impartial manner, free from bias caused by their own financial interests or the financial interests of persons who have supported them...."<sup>3</sup>

Under the Act, a public official will have a statutory conflict of interest with regard to a particular government decision if it is foreseeable that the outcome of the decision will have a financial impact on the official's personal finances or other financial interests. In such cases, there is a risk of biased decision-making that could sacrifice the public's interest in favor of the official's private financial interests. In fact, preventing conflicts of interest was of such vital importance to the voters that the Act not only prohibits actual bias in decision-making but also "seeks to forestall ... the appearance of possible improprieties."

# Who must be vigilant about conflicts of interest?

Public Officials: The reach of the Act's conflict of interest rules is commonly misunderstood or understated. The Act applies to all "public officials," which is defined as "every member, officer, employee or consultant of a state or local government agency."

It is universally recognized that certain elected public officials, such as city councilmembers, city managers and city attorneys, must refrain from decision-making where a conflict of interest exists. These persons hold high-level positions of trust in government. However, the Act's conflict of interest prohibition reaches much further than high-level state and local officials. The Act's conflict of interest disclosure and disqualification rules apply to thousands of local and state public employees and officials working throughout California.

The Public: The Act relies on individual citizens to monitor the decision-making of their elected and appointed representatives to identify whether they have a conflict of interest with respect to a specific decision. Much of the enforcement of the Act's conflict of interest provisions is based on citizen complaints.<sup>7</sup>

# What precautions can be taken to prevent conflicts of interest?

In order to prevent a conflict of interest, a public official should: 1) identify and fully disclose the financial interests that may cause a conflict; 2) understand the different types of financial interests that may be the basis for a conflict; and 3) consider whether the decision's effect on the official's financial interest is reasonably foreseeable and material. Each step is discussed in greater detail below.

### 1. Identify and fully disclose the financial interests that may cause a conflict.

Public Officials: The most important thing an official can do to comply with this law is to recognize the types of interests from which a conflict of interest can arise. By learning to recognize these interests, an official will be able to spot potential problems and seek help from the agency's legal counsel or from the FPPC.

In fact, officials can take steps to protect themselves and the public from conflict of interest decisions well in advance of making a specific governmental decision. The Act requires that public officials annually disclose their financial interests on a Form 700 (Statement of Economic Interests). This is a requirement because the voters who enacted the law recognized that an important purpose of the Act was to ensure adequate disclosure:

"Assets and income of public officials which may be materially affected by their official actions should be disclosed and in appropriate circumstances the officials should be disqualified from acting in order that conflicts of interest may be avoided."

The financial interests disclosed include many of the interests that form the basis for a conflict and require disqualification under the Act. No one has a conflict of interest under the Act on general principles or because of personal bias regarding a person or subject – conflicts under the Act are based on financial interests. By thoroughly completing the Form 700, the official is on notice of the type of financial interests he or she holds that may cause a conflict of interest. If the official has no interests that governmental decisions can financially affect, the official will not have a conflict of interest.

The Public: Requiring officials to publicly disclose their financial interests allows the general public to monitor an official's conduct. In other words, any individual citizen can obtain a copy of the Form 700 filed by their local or state official to determine whether the official has a conflict of interest with respect to a specific decision. This serves as an important enforcement mechanism for the Act's disqualification requirements.

### 2. Understand the different types of financial interests that may be the basis for a conflict.

There are five types of interests<sup>9</sup> that may result in disqualification:

- Business Investment, Employment or Management. An official has a financial interest in a business entity in which the official, or the official's spouse, registered domestic partner, or dependent children or an agent has invested \$2,000 or more. An official also has a financial interest in a business entity for which the official is a director, officer, partner, trustee, employee, or holds any position of management.
- Real Property. An official has a financial interest in real property in which the official, or the official's spouse, registered domestic partner, or dependent children, or an agent has invested \$2,000 or more, and also in certain leasehold interests of terms of more than a month (excluding a month-to-month lease and leases for terms of less than a month).
- Sources of Income. An official has a financial interest in anyone, whether an individual or an organization, from whom the official has received (or from whom the official has been promised) \$500 or more in income within 12 months prior to the decision. A "source of income" includes a community property interest in the spouse's or registered domestic partner's income. Therefore, a person from

whom the official's spouse or registered domestic partner receives income of \$1,000 or more, such that the official's community property share is \$500 or more, may also be a source of a conflict of interest.<sup>12</sup>

In addition, if the spouse, registered domestic partner or dependent children own 10 percent of more of a business, the official is considered to be receiving "pass-through income" from the business's clients. In other words, under such circumstances, the business's clients may be considered sources of income to the official as well.

- *Gifts.* An official has a financial interest in anyone, whether an individual or an organization, who has given gifts to the official that total \$460 or more <sup>13</sup> within 12 months prior to the decision.
- Personal Finances. An official has a financial interest in decisions that affect the official's personal
  expenses, income, assets, or liabilities, as well as those of the official's immediate family. This is known
  as the "personal financial effects" rule.

### Quick Tip:

Not all of the financial interests that may cause a conflict of interest are disclosed on a Form 700. A good example is an official's home. It is common for financial effects on an official's home to trigger a conflict of interest. Officials are not, however, required to disclose their home on the Form 700.

# 3. Consider whether the decision's effect on the official's financial interest is reasonably foreseeable and material.

The next steps all focus on the specific governmental decision in question. At the heart of deciding whether an official has a conflict of interest in a specific decision is determining whether an effect on the financial interest is reasonably foreseeable (might realistically happen or is too remote a possibility) and is material (financially important enough). Determining whether a decision's effects are foreseeable and material will depend on the nature of the specific decision and the relationship of the official's interest to the effects of the governmental decisions.

### IS IT REASONABLY FORESEEABLE?14

Is it a realistic possibility that the decision will actually affect the official's financial interest or is it too remote or theoretical? Two alternative tests answer this question depending on whether an interest is explicitly involved in a decision.

### An Interest is Explicitly Involved in a Decision If:

- 1) The interest is a named party in or the subject of a governmental decision, or
- 2) The decision involves the issuance, renewal, approval, denial or revocation of any license, permit, or other entitlement to, or contract with, the interest, or
- 3) The decision affects the real property of the official as described in Regulation 18702.2(a)(1)-(6).

#### If Not Explicitly Involved in the Decision

All other decisions, other than those above, are considered not explicitly involved in the decision.

#### **Then**

It is reasonably foreseeable that the decision will have a material financial effect on the interest.

#### **Then**

If an interest is not explicitly involved in a decision, the financial effect on the interest is reasonably foreseeable only if the effect can be recognized as a realistic possibility and more than hypothetical or theoretical. A financial effect need not be likely to be considered reasonably foreseeable. However, if the financial result cannot be expected absent extraordinary circumstances not subject to the public official's control, it is not reasonably foreseeable.

### Quick Tip:

For purposes of being vigilant to avoid conflict of interest decisions, keep the general rule in mind – if the financial effect can be recognized as a realistic possibility and more than hypothetical or theoretical, it is reasonably foreseeable.

#### IS IT MATERIAL?

The FPPC has adopted various rules (general and specific) for deciding what kinds of financial effects are important enough to trigger a conflict of interest. Generally, for each of the five interests set forth above, a separate materiality standard exists. The following charts reflect the materiality standards that apply to each type of interest.

#### Interests in Business Entities<sup>15</sup>

(Including investments in, employment or positions with, or income from business entities)

#### If Business Explicitly Involved = Financial Effect Assumed to be Material

A material financial effect is assumed if the business:

- 1) Initiates the proceeding by filing an application, claim, appeal, or request for other government action;
- 2) Offers to make a sale of a service or a product to the official's agency;
- 3) Bids on or enters into a written contract with the official's agency;
- 4) Is the named manufacturer in a purchase order of any product purchased by the official's agency or the sales provider of any products to the official's agency that aggregates to \$1,000 or more in any 12-month period;
- 5) Applies for a permit, license, grant, tax credit, exception, variance, or other entitlement that the official's agency is authorized to issue;
- 6) Is the subject of any inspection, action, or proceeding subject to the regulatory authority of the official's agency; or
- 7) Is otherwise subject to an action the official's agency takes, the effect of which is directed solely at the business entity in which the official has an interest.

NOTE: In all other circumstances, the business is considered not explicitly involved in the decision and the financial effect is not assumed to be material.

# Not Assumed Material if Business Not Explicitly Involved

In all other cases, a financial effect is material *if* a prudent person with sufficient information would find it is reasonably foreseeable that the decision's financial effect would contribute to a change in the price of the entity's publicly traded stock, or the value of a privately-held business entity.

 ${\bf Interests~in~Real~Property^{16}}\\ {\bf NOTE:~There~are~different~materiality~standards~depending~on~whether~it~is~an~ownership~or~leasehold~interest.}$ 

## **Ownership Interests in Real Property**

	The decision:
A material financial effect is assumed if	<ol> <li>Involves adopting or amending a general or specific plan, that includes the official's property;</li> <li>Determines the property's zoning or rezoning, annexation or de-annexation, or inclusion in or exclusion from any city, county, district, or other local government subdivision, or other boundaries (other than a zoning decision applicable to all properties designated in that category);</li> <li>Imposes, repeals, or modifies any taxes, fees, or assessments that apply to the property;</li> <li>Authorizes the sale, purchase, or lease of the property;</li> <li>Involves the issuance, denial or revocation of a license, permit or other land use entitlement authorizing a specific use of or improvement to the property or any variance that changes the permitted use of, or restrictions placed on it;</li> </ol>
	NOTE: For a financial effect resulting from a governmental decision regarding permits or licenses issued to the official's business entity when operating on the official's real property, the materiality standards under Regulation 18702.1 applicable to business entities would apply instead.
	6) Involves construction of, or improvements to, streets, water, sewer, storm drainage or similar facilities, and the property in which the official has an interest will receive new or improved services that are distinguishable from improvements and services that are provided to or received by other similarly situated properties in the official's jurisdiction or the official will otherwise receive a disproportionate benefit or detriment by the decision.

Unless it is nominal, inconsequential or insignificant, a material financial effect is also assumed if... The decision:

- 1) Changes the development potential of the real property;
- Changes the income-producing potential of the real property;
   NOTE: If the real property contains a business entity, including rental property, at

NOTE: If the real property contains a business entity, including rental property, and the nature of the business entity remains unchanged, the materiality standards under Regulation 18702.1 applicable to business entities would apply instead.

- 3) Changes the highest and best use of the parcel of real property in which the official has a financial interest;
- 4) Changes the character of the parcel of real property by substantially altering traffic levels or intensity of use, including parking, of property surrounding the official's real property parcel, the view, privacy, noise levels, or air quality, including odors, or any other factors that would affect the market value of the real property parcel in which the official has a financial interest;
- 5) Affects real property value located within 500 feet of the official's property line. However, if the real property is commercial property and contains a business entity, the materiality standards under Regulation 18702.1 applicable to business entities would apply instead;<sup>17</sup>
- 6) Causes a reasonably prudent person, using due care and consideration under the circumstances, to believe that the governmental decision was of such a nature that its reasonably foreseeable effect would influence the market value of the official's property.

## Leasehold Interests in Real Property 18

A material	financial	effect
ic acc	umed if	

The decision:

- 1) Changes the termination date of the lease;
- 2) Increases or decreases the potential rental value of the property;
- 3) Increases or decreases the rental value of the property, and official has right to sublease it;
- 4) Changes the official's actual or legally allowable use of the real property; or
- 5) Impacts the official's use and enjoyment of the real property.

### **Sources of Income**

NOTE: There are different standards depending if income is for goods and services or the sale of personal or real property.

#### Income Received for Goods and Services Provided in the Ordinary Course of Business, including a Salary 19

	The source of income is:
A material financial effect is assumed if	<ol> <li>A claimant, applicant, respondent, contracting party, or is otherwise named or identified as the subject of the proceeding;</li> <li>An individual and the individual will be financially affected under the standards applied to an official in Regulation 18702.5, or the official knows or has reason to know that the individual has an interest in a business entity or real property that will be financially affected under the standards applied to those financial interests in Regulation 18702.1 or 18702.2, respectively;</li> <li>A nonprofit that will receive a measurable financial benefit or loss, or the official knows or has reason to know that the paper of the same interest in real property that will be financially.</li> </ol>
	reason to know that the nonprofit has an interest in real property that will be financially affected under the standards applied to a real property interest in Regulation 18702.2; or  4) A business entity and the business will be financially affected under the standards applied to a business interest in Regulation 18702.1.

### Income from the Sale of Personal or Real Property of the Official or the Official's Spouse if Community Property 20

A material financial effect	The official knows or has reason to know that the source of income:  1) Is a claimant, applicant, respondent, contracting party, or is otherwise named or identified as the subject of the proceeding:
is assumed if	subject of the proceeding;  2) Has an interest in a business entity that will be financially affected under the standards applied to a financial interest in Regulation 18702.1; or
	3) Has an interest in real property that will be financially affected under the standards applied to a financial interest in Regulation 18702.2.

#### Sources of Gifts<sup>21</sup>

(Including Gifts from Individuals, Nonprofits, and Business Entities)

A material financial effect can be assumed if	<ol> <li>The source is:</li> <li>A claimant, applicant, respondent, contracting party, or is otherwise named or identified as the subject of the proceeding;</li> <li>An individual who will be financially affected under the standards applied to an official in Regulation 18702.5, or the official knows or has reason to know that the individual has an interest in a business entity or real property that will be financially affected under the standards applied to those interests in Regulation 18702.1 or 18702.2, respectively;</li> <li>An nonprofit that will receive a measurable financial benefit or loss, or the official knows or has reason to know that the nonprofit has an interest in real property that will be financially affected under the standards applied to a financial interest in Regulation 18702.5; or</li> <li>A business entity will be financially affected under the standards in Regulation 18702.1.</li> </ol>
---	---

#### Interests in Personal Finances<sup>22</sup>

(Including the Personal Finances of Immediate Family Members)

The financial effect is material if...

The official or the official's immediate family member will receive a measurable financial benefit or loss from the decision unless it is nominal, inconsequential, or insignificant.

### Quick Tip:

There are many rules and many exceptions (so numerous we can't discuss them all here). At a big picture level, remember:

- In most cases, if the financial interest is directly or explicitly involved in the decision, the materiality standard is met. This is because an interest that is directly or explicitly involved in a governmental decision presents a more obvious conflict.
- On the other hand, if the financial interest is not directly or explicitly involved, the materiality standard is generally based on a reasonable person standard.

### 4. Consider whether an exception applies.

Once an official has determined that he or she has a conflict of interest in a particular decision, the official can examine if an exception permits the official's participation despite the conflict. Not all conflicts of interest prevent the official from lawfully taking part in the government decision.

- The Public Generally Exception:<sup>23</sup> Even if an official otherwise has a conflict of interest, the official is not disqualified from the participating in the decision if the "public generally" exception applies. This public generally exception applies when the financial effect on a public official or the official's interests is indistinguishable from its effect on the public generally.
  - NOTE: The "public generally" exception must be considered with care. An official may not just assume that it applies. There are rules for identifying the specific segments of the general population with which the official must compare the official's financial interest, and specific rules for deciding whether the financial impact will uniquely affect the public official as compared to the public generally. Again, officials should contact their agency counsel or the FPPC concerning these specific rules.
- Legally Required to Participate: 24 Even if an official has a disqualifying conflict of interest, is the participation legally required? In certain rare circumstances, an official may be called upon to take part in a decision despite the fact that the official has a disqualifying conflict of interest. This "legally required participation" rule applies only in certain very specific circumstances in which the government agency would be paralyzed or unable to act. The FPPC or the agency's counsel must generally make this determination and will instruct the official on how to proceed.

# A conflict of interest exists, what now?

Once an official determines that they have a conflict of interest and that an exception does not apply, the official must disqualify from all of the following:<sup>25</sup>

Making the governmental decision. A public official makes a governmental decision if the official authorizes or directs any
action, votes, appoints a person, obligates or commits his or her agency to any course of action, or enters into any contractual
agreement on behalf of his or her agency.

- Participating in making the governmental decision. A public official participates in a governmental decision if the official
  provides information, an opinion, or a recommendation for the purpose of affecting the decision without significant intervening
  substantive review.
- Influencing the governmental decision. A public official uses his or her official position to influence a governmental decision if he or she: contacts or appears before (1) any official in his or her agency or in an agency subject to the authority or budgetary control of his or her agency for the purpose of affecting a decision; or (2) any official in any other government agency for the purpose of affecting a decision, and the public official acts or purports to act within his or her authority or on behalf of his or her agency in making the contact.

Certain officials (including city council members, planning commissioners, and members of the boards of supervisors) have a mandated manner in which they must disqualify from a decision. They must publicly identify in detail the interest that creates the conflict, step down from the dais, and must then leave the room. The official must identify the interest following the announcement of the agenda item to be discussed or voted upon, but before either the discussion or vote commences.

If the decision is to take place during a closed session, the identification of the financial interest must be made during the public meeting prior to the closed session but is limited to a declaration that the official has a conflict of interest. The financial interest that is the basis for the conflict need not be disclosed. The official may not be present during consideration of the closed session item and may not obtain or review any nonpublic information regarding the decision.

There are limited exceptions that allow a public official to participate even when a conflict is present, such as participating as a member of the general public, speaking to the press, or discussing one's own governmental employment. The exceptions are limited and fact-specific, and may require advice from the agency's counsel or the FPPC.

# **Final thoughts**

Generally speaking, here are the keys for public officials to meet their obligations under the Act's conflict of interest laws:

- Know the purpose of the law, which is to prevent biases, actual and apparent, that result from the financial interests of the decision-makers.
- Learn to spot potential trouble early. Understand which financial interests could give rise to a conflict of interest.

- Understand the "big picture" of the rules. For example, know why the rules distinguish between explicitly involved interests, and why the public generally exception exists.
- Realize the importance of the facts. Deciding whether an official has a disqualifying conflict of interest depends just as much if not more on the facts of the particular situation as it does on the law.
- Don't try to memorize all of the specific conflict of interest rules. The rules are detailed, and the penalties for violating them are significant. Rather, look the rules up or ask about the particular rules applicable to a given case.
- Ask for advice. It is available from the agency's legal counsel and from the FPPC.

# Where to go for help?

Email Advice (informal)	advice@fppc.ca.gov
Written Advice (formal and informal)	Fair Political Practices Commission 428 J Street, Suite 620 Sacramento, CA 95814

<sup>&</sup>lt;sup>1</sup> The Political Reform Act is contained in Government Code §§ 81000 - 91014, and all statutory references are to this code. The FPPC regulations are contained in §§ 18110 - 18997 of Title 2 of the California Code of Regulations, and all regulatory references are to this source.

<sup>&</sup>lt;sup>2</sup> Enacted through Proposition 9 at the June 4, 1974 Primary Election.

<sup>&</sup>lt;sup>3</sup> § 81001.

<sup>&</sup>lt;sup>4</sup> § 87100.

<sup>&</sup>lt;sup>5</sup> Witt v. Morrow (1977) 70 Cal. App. 3d 817 at 822–823: "Morrow asserts it is unconstitutional to automatically disqualify a public official from participating in decisions which may affect the investments of an entity which pays him .... However, the whole purpose of the Political Reform Act of 1974 is to preclude a government official from participating in decisions where it appears he may not be totally objective because the outcome will likely benefit a corporation or individual by whom he is also employed."

<sup>&</sup>lt;sup>6</sup> § 82048.

<sup>&</sup>lt;sup>7</sup> § 83115.

<sup>&</sup>lt;sup>8</sup> § 81002(c).

<sup>&</sup>lt;sup>9</sup> § 87103.

<sup>&</sup>lt;sup>10</sup> Under § 87103, an official has an "indirect interest" in real property owned by a business entity or trust in which the official, the official's immediate family, or their agents own directly, indirectly, or beneficially a 10-percent interest or greater.

<sup>11 § 82033.</sup> 12 § 82030.

<sup>&</sup>lt;sup>13</sup> The Commission adjusts the gift threshold on January 1 of each odd-numbered year to reflect changes in the Consumer Price Index.

<sup>&</sup>lt;sup>14</sup> Regulation 18701.

<sup>&</sup>lt;sup>15</sup> Regulation 18702.1

<sup>&</sup>lt;sup>16</sup> Regulation 18702.2(a).

<sup>&</sup>lt;sup>17</sup> Particular facts can rebut this presumption depending on advice given by the FPPC.

<sup>&</sup>lt;sup>18</sup> Regulation 18702.2(b).

<sup>&</sup>lt;sup>19</sup> Regulation 18702.3(a).

<sup>&</sup>lt;sup>20</sup> Regulation 18702.3(b).

<sup>&</sup>lt;sup>21</sup> Regulation 18702.4.

<sup>&</sup>lt;sup>22</sup> Regulation 18702.5.

<sup>&</sup>lt;sup>23</sup> Regulation 18703.

<sup>&</sup>lt;sup>24</sup> § 87101 and Regulation 18705.

<sup>&</sup>lt;sup>25</sup> Regulation 18704.

<sup>&</sup>lt;sup>26</sup> § 87105 and Regulation 18707 applicable to persons holding positions specified in § 87200.

# Exhibit B

## BAY AREA & STATE

.

SUBSCRIBE

# Oakland councilwoman broke city, state rules, report says

Rachel Swan | on June 21, 2016

268



Photo: Michael Short, Special To The Chronicle

**Buy Photo** 

Oakland City Council President Lynette Gibson McElhaney speaks during a press conference at the Oakland Museum of California, in Oakland, CA Friday, April 22, 2016.

An Oakland city councilwoman broke state and city ethics rules by interfering with the approval process for a five-unit town house development planned for a lot next door to her home, according to a civil grand jury report released Tuesday.



The councilwoman inappropriately wielded her position and used city resources to contact a department head to argue her objections and cause a re-evaluation that stalled the project, according to the report of the Alameda County grand jury. Although the report does not name the councilwoman, a source with knowledge of the grand jury probe identified her as City Council President Lynette Gibson McElhaney, and city documents show the address of the project lot as 530 32nd St. in West Oakland, which is next door to McElhaney's home.

The interference by the councilwoman led to several revisions and downsizing of the building plans, and the project was approved in 2014, according to the report. But the project has not been built. Instead, the property owner is offering the lot for sale.

"The property owner is concerned that further battles with the city may occur while attempting to obtain permits and constructing the town house project," the report states. "Witnesses to the grand jury testified that developers are reluctant to purchase the property due to the council member's interference."

#### **RELATED STORIES**

Study shows Sierra snowpack 3 years away from pre-drought levels

Larry Wilmore mocks Oakland's police scandals

American Canyon teen bitten by deadly snake in Belize

McElhaney did not return calls seeking comment.

"As public servants, elected officials are precluded from seeking to influence a decision in which they have a financial interest," the grand jury report stated.

The report noted that "the councilmember had a material financial interest in governmental decisions based on the

proximity of the town house project to her residence and the likelihood that her privacy would be adversely impacted."

## Opposition to project

The saga began in January 2014 as the property owner, who is not identified in the report, was in the midst of working with the city planning department on a design for the five-townhouse project with downtown views in a part of Oakland long starved for development. The property owner was contacted by a "next-door neighbor who stated that his wife was an Oakland city councilmember and further stated that he and his wife would be working to stop the project if the design was not changed to their liking," according to the report.

Shortly afterward, the report states, the councilwoman contacted Oakland Planning and Building Department chief Rachel Flynn to complain about the town house project. It says Flynn visited the lot, decided the design was subpar and pressured the property owner to make several modifications to mollify the councilwoman and her husband.

Flynn also installed herself as a point person for the project and urged the property owner to submit the revised plans to the councilwoman and other neighbors before turning them in to the city, the report stated.

**READ FULL ARTICLE** 

Rachel Swan | Oakland Reporter

#### **Promoted Stories**



## Jalipa, Brent (BOS)

From: BOS Legislation, (BOS)

Sent: Monday, December 05, 2016 3:35 PM

To: ryan@zfplaw.com; Fabien@novadesignsbuilds.com; fabien@bluorange.com; Olson, Charles
Cc: Givner, Jon (CAT); Stacy, Kate (CAT); Byrne, Marlena (CAT); Rahaim, John (CPC); Sanchez,

Scott (CPC); Gibson, Lisa (CPC); Starr, Aaron (CPC); Rodgers, AnMarie (CPC); Horner, Justin (CPC); Sucre, Richard (CPC); Ionin, Jonas (CPC); Calvillo, Angela (BOS); Somera, Alisa (BOS); Lew, Lisa (BOS); BOS-Supervisors; BOS-Legislative Aides; Smith, Diana; Lee, Carolyn; 'jfogarty@sonic.net'; 'jwallace@jaywallaceassociates.com'; Betzy Lesser; Herb

Felsenfeld; BOS Legislation, (BOS)

Subject: APPEAL RESPONSE - Appeal of Exemption Determination - Proposed Project at 3516-3526

Folsom Street - Appeal Hearing on December 13, 2016

Categories: 161278

Good afternoon,

Please find the appeal response linked below received by the Office of the Clerk of the Board from the Planning Department, concerning the Exemption Determination Appeal for the proposed project at 3516-3526 Folsom Street.

Planning Department Appeal Response - December 5, 2016

The appeal hearing for this matter is scheduled for a 3:00 p.m. special order before the Board on December 13, 2016.

I invite you to review the entire matter on our Legislative Research Center by following the link below:

Board of Supervisors File No. 161278

Regards,
Brent Jalipa
Legislative Clerk
Board of Supervisors - Clerk's Office
1 Dr. Carlton B. Goodlett Place, Room 244
San Francisco, CA 94102
(415) 554-7712 | Fax: (415) 554-5163
brent.jalipa@sfgov.org | www.sfbos.org



Click <u>here</u> to complete a Board of Supervisors Customer Service Satisfaction form

Disclosures: Personal information that is provided in communications to the Board of Supervisors is subject to disclosure under the California Public Records Act and the San Francisco Sunshine Ordinance. Personal information provided will not be redacted. Members of the public are not required to provide personal identifying information when they communicate with the Board of Supervisors and its committees. All written or oral communications that members of the public submit to the Clerk's Office regarding pending legislation or hearings will be made available to all members of the public for inspection and copying. The Clerk's Office does not redact any information from these submissions. This means that personal information—including names, phone numbers, addresses and similar information that a member of the public elects to submit to the Board and its committees—may appear on the Board of Supervisors' website or in other public documents that members of the public may inspect or copy.

МЕМО

# **Categorical Exemption Appeal**

**3516-3526 Folsom Street** 

1650 Mission St. Suite 400 San Francisco, CA 94103-2479

Reception: 415.558.6378

Fax:

415.558.6409

Planning Information: 415.558.6377

DATE: December 5, 2016

TO: Angela Calvillo, Clerk of the Board of Supervisors

FROM: Lisa Gibson, Acting Environmental Review Officer – (415) 558-9032

Joy Navarrete, Senior Environmental Planner – (415) 575-9040

Justin Horner, Environmental Coordinator – (415) 575-9023

RE: Planning Case No. 2013.1383ENV

Appeal of Categorical Exemption for 3516-3512 Folsom Street

**HEARING DATE**: December 13, 2016

ATTACHMENTS: A. Categorical Exemption Determination

PROJECT SPONSOR: Fabian Lannoye, Bluorange Designs, 415-533-0415

APPELLANT: Ryan Patterson on behalf of Bernal Heights South Slope Organization, Bernal

Safe & Livable, Neighbors Against the Upper Folsom Street Extension, Gail

Newman and Marilyn Waterman

## INTRODUCTION

This memorandum is a response to the letter of appeal to the Board of Supervisors (the "Board") regarding the Planning Department's (the "Department") issuance of a Categorical Exemption under the California Environmental Quality Act ("CEQA Determination") for the proposed project at 3516-3526 Folsom Street (the "Project").

The Department, pursuant to Title 14 of the CEQA Guidelines, issued a Categorical Exemption for the Project on July 8, 2016 finding that the proposed Project is exempt from the California Environmental Quality Act (CEQA) as a Class 3 categorical exemption.

The decision before the Board is whether to uphold the Department's decision to issue a categorical exemption and deny the appeal, or to overturn the Department's decision to issue a categorical exemption and return the project to the Department for additional environmental review.

#### SITE DESCRIPTION & EXISTING USE

The project site consists of two vacant lots located on the west side of the unimproved ("paper street") segment of Folsom Street between Chapman Street and Bernal Heights Boulevard in the Bernal Heights neighborhood. The project site does not have vehicular or pedestrian access as the portion of Folsom

Street providing access to the project site is unimproved. The project lots are both 25-feet-wide and 70-feet-deep and total 1,750 square feet in size. The project site has an approximately 32 percent slope to the north. To the south of the project site is a vacant lot and a two-story, single-family residence at 3574 Folsom Street (constructed in 1925). To the east of the project site are four vacant lots and a two-story, single-family residence at 3577 Folsom Street that also fronts on Chapman Street (constructed in 1925). There is a concrete driveway that leads from Chapman Street to the 3574 Folsom Street and 3577 Folsom Street residences. To the north of the project site is the Bernal Heights Community Garden, and Bernal Heights Park is located farther to the north across Bernal Heights Boulevard. Residential structures in the project vicinity are primarily two to three stories and are either single-family or two-family dwellings. The surrounding parcels are zoned either RH-1 (to the south of the project site) or Public (to the north of the project site). There is a PG&E gas transmission pipeline beneath Folsom Street that extends from Bernal Heights Boulevard to Alemany Boulevard.

#### PROJECT DESCRIPTION

The project site is located on the block bounded by Bernal Heights Boulevard to the north, Gates Street to the west, Powhattan Avenue to the south and Folsom Street to the east. The project site is located along the west side of an approximately 145 foot long unimproved segment of Folsom Street, north of Chapman Street, that ends at the Bernal Heights Community Garden. This unimproved right-of-way is known as a "paper street." Undeveloped land along this unimproved segment of Folsom Street has been subdivided into six lots, three on each side of Folsom Street. PG&E Natural Gas Transmission Pipeline 109 runs along Folsom Street under the project site. The project site is at a slope of approximately 32%.

The proposed project involves the construction of two single-family residences on two of the vacant lots along the west side of the unimproved portion of Folsom Street, and the construction of the connecting segment of Folsom Street to provide vehicle and pedestrian access to the project site. Both single-family homes would be 27 feet tall, two-story-over-basement buildings and would each include two off-street vehicle parking spaces accessed from a twelve-foot-wide garage door.

The 3516 Folsom Street building would be approximately 2,230 square feet in size with a side yard along its north property line. The 3526 Folsom Street building would be approximately 2,210 square feet in size with a side yard along its south property line. The proposed buildings would include roof decks and a full fire protection sprinkler system. The proposed buildings would be supported by a shallow building foundation using a mat slab with spread footings.

The proposed Folsom Street extension improvements would include an approximately 20-foot-wide road with an approximately 10-foot-wide sidewalk on the west side of the street, adjacent to the proposed residences. The proposed sidewalk would be stepped, would incorporate landscaping that would perform storm water retention, and would provide public access to Bernal Heights Boulevard/Bernal Heights Park (along the west side of the Bernal Heights Community Garden). The proposed project would not create direct vehicular access to Bernal Heights Boulevard as the Folsom Street extension would terminate at the Bernal Heights Community Garden. Construction of the street extension would

CASE No. 2013.1383ENV 3516-3526 Folsom Street

**BOS Categorical Exemption Appeal Hearing Date: December 13, 2016** 

require the removal of the existing landscaped area within the public right-of-way where Folsom Street meets Chapman Street. An existing driveway utilized by both the 3574 Folsom Street and 3577 Folsom Street buildings would also be removed; however, the extension would provide access to the two existing residences.

The proposed project would include the installation of new street trees (subject to approval from PG&E) and street lighting on the west side of the street. No on-street parking would be provided along the Folsom Street extension. In addition to providing utilities for the proposed residences, the project sponsor would install utilities for the four vacant lots located on the "paper street" segment of Folsom Street (one on the west side and three on the east side). No residences are proposed at this time on those lots; the proposed connections would be provided to minimize disruption in the case of future development.

Construction would continue for approximately 12 months and would require excavation of up to approximately 10 feet below the existing ground surface.

#### **BACKGROUND**

#### September 25, 2013 – Environmental Evaluation Application Filed

On September 25, 2013, Fabien Lannoye of Bluorange Designs (hereinafter "Project Sponsor") filed an application with the Planning Department (hereinafter "Department") for CEQA determination for the project described above.

#### July 8, 2016—CEQA Clearance<sup>1</sup>

The Department determined that the project was categorically exempt under CEQA Class 3 New Construction and Conversion of Small Structures (CEQA Guidelines Section 15303(a)), and that no further environmental review was required.

#### October 13, 2016- Discretionary Review and Approval by Planning Commission

The Planning Commission reviewed Discretionary Review Requests (Building Permit Application Nos. 2013.12.16.4318 and 2013.12.16.4322) at the October 13, 2016 Planning Commission Hearing. The Planning Commission approved the proposed project by not taking Discretionary Review and approving the project as proposed and in accordance with Chapter 31 of the San Francisco Administrative Code.

#### November 14, 2016—CEQA Appeal Filed

Ryan J Patterson on behalf of Bernal Heights South Slope Organization, Bernal Safe & Livable, Neighbors Against the Upper Folsom Street Extension, Gail Newman and Marilyn Waterman (hereafter "Appellant") filed an appeal of the Categorical Exemption determination. The appeal letter was dated November 14, 2016 and filed with the Clerk of the Board on the same day. The appeal letter contained attached letters in support of the appeal from the Sierra Club San Francisco Group and the Bernal Heights Democratic Club, as well as copies of petitions from residents in support of the Discretionary Review Application noted above.

3

<sup>&</sup>lt;sup>1</sup> A Categorical Exemption was first issued for the proposed project on March 26, 2014. That Categorical Exemption was subsequently rescinded and a revised Categorical Exemption was issued on July 8, 2016.

#### November 18, 2016—CEQA Appeal Timely Filed

The Department determined that the appeal of the CEQA determination was timely filed and advised the Clerk of the Board to schedule the CEQA appeal hearing in compliance with Section 31.16(b)(4) of the San Francisco Administrative Code.

#### **CEQA GUIDELINES**

#### **Categorical Exemptions**

Section 21084 of the California Public Resources Code requires that the CEQA Guidelines identify a list of classes of projects that have been determined not to have a significant effect on the environment and are exempt from further environmental review.

In response to that mandate, the State Secretary of Resources found that certain classes of projects, which are listed in CEQA Guidelines Sections 15301 through 15333, do not have a significant impact on the environment, and therefore are categorically exempt from the requirement for the preparation of further environmental review.

CEQA State Guidelines Section 15303 (New Construction or Conversion of Small Structures), or Class 3(a), allows for the construction of up to three single-family residences in urbanized areas and water main, sewage, electrical, gas and other utility extensions, including street improvements, to serve such construction.

In determining the significance of environmental effects caused by a project, CEQA State Guidelines Section 15064(f) states that the decision as to whether a project may have one or more significant effects shall be based on substantial evidence in the record of the lead agency. CEQA State Guidelines 15604(f)(5) offers the following guidance: "Argument, speculation, unsubstantiated opinion or narrative, or evidence that is clearly inaccurate or erroneous, or evidence that is not credible, shall not constitute substantial evidence. Substantial evidence shall include facts, reasonable assumption predicated upon facts, and expert opinion supported by facts."

#### APPELLANT ISSUES AND PLANNING DEPARTMENT RESPONSES

The concerns raised in the November 14, 2016 appeal letter are cited below and are followed by the Department's responses.

Issue 1: The Appellant asserts that there are potentially significant environmental impacts of the proposed project due to unusual circumstances related to the proposed project's location near PG&E Pipeline 109.

Response 1: The Appellant has not provided any evidence that there are unusual circumstances that present a reasonable possibility of a significant effect on the environment.

The determination of whether a project is eligible for a categorical exemption is based on a two-step analysis: (1) determining whether the project meets the requirements of the categorical exemption, and (2) determining whether there are unusual circumstances at the site or with the proposal that would result in a reasonable possibility of a significant effect. The Appellant has not established what the unusual circumstances are at the site or with the project proposal. Instead, the Appellant identifies factors contributing to potentially significant environmental effects. These factors are each addressed below in Response 2. This response will focus on the Appellant's assertion that there are unusual circumstances that present a reasonable possibility of a significant effect on the environment.

The Appellant states that the project site is in a rare locale because it is "the only High Consequence Area in San Francisco where a vintage, 26-inch PG&E gas transmission pipeline is unprotected by asphalt for 125 feet—buried in 'variable topography' terrain, and that this section of Pipeline 109 raises concerns "identical" to the causes leading to the San Bruno explosion.

PG&E Transmission Pipeline 109 runs along Folsom Street from the 280 Freeway to Bernal Heights Boulevard, after which it circles Bernal Heights Park's eastern edge before continuing onto Alabama Street, Cesar Chavez Street and neighborhoods along Potrero Hill, Dogpatch and the Central Waterfront. The Pipeline's alignment takes it through a variety of residential neighborhoods in the southeast area of the City, and other similar pipelines run beneath streets in other areas of the city (see Figure 1). The presence of a gas transmission pipeline beneath areas adjacent to residential development is not unusual in San Francisco or throughout the state because residential homes are commonly served by gas lines. A High Consequence Area is defined under the Code of Federal Regulation<sup>2</sup> and includes any urbanized area, including the entire area of the City and County of San Francisco and nearly all of the urbanized areas in the San Francisco Bay Area. As gas transmission pipelines run under streets and roads throughout urbanized parts of the Bay Area, it is not a unique circumstance for a pipeline to run through a High Consequence Area.

According to PG&E, Pipeline 109 was installed in 1981 and was successfully strength tested at the time of installation. It has a maximum allowable operating pressure of 150 pound per square inch gage, which is 19.8% of the pipe's specified minimum yield strength. It is patrolled at least quarterly and is surveyed for leaks at least annually. PG&E uses a cathodic protection system on its pipelines to combat pipeline corrosion, and the system is inspected every two months. PG&E performed an External Corrosion Direct Assessment, which involves excavation and physical inspection of the pipeline, in 2009.

PG&E noted that Pipeline 109 differs from the San Bruno pipeline in that it operates at a much lower pressure, is smaller in diameter and is newer (the San Bruno pipeline was installed in 1954). The pipeline is operated at lower pressure specifically to reduce risk. PG&E has stated that the construction of the two homes would present no particular issues with respect to patrolling and maintaining the pipeline, as the

5

<sup>&</sup>lt;sup>2</sup> 49 CFR Part 192, Subpart O §192.903. "High consequence area means an area established by one of the methods described in paragraphs or (2) as follows: (1) An area defined as - (i) A Class 3 location under § 192.5; or (ii) A Class 4 location under § 192.5; or (iii) Any area in a Class 1 or Class 2 location where the potential impact radius is greater than 660 feet (200 meters), and the area within a potential impact circle contains 20 or more buildings intended for human occupancy; or (iv) Any area in a Class 1 or Class 2 location where the potential impact circle contains an identified site." A Class 3 location (i, above) is any location where there are 46 or more dwelling units within 200 meters of a pipeline, which includes all areas of San Francisco.

proposed home sites are no closer to the pipeline than existing residential properties on Folsom Street and other areas of San Francisco.<sup>3</sup>

Figure 1. PG&E Gas Transmission Line Network, Southeastern San Francisco



<sup>&</sup>lt;sup>3</sup> Attachment to San Francisco Planning Commission Staff Report, Items 12(a) and 12(b), San Francisco Planning Commission, May 5, 2016. Found here: http://commissions.sfplanning.org/cpcpackets/2013.1383DRP\_2016-04-28.pdf

The Appellant states that this case is unique because it is the only location in San Francisco where a gas pipeline runs under undeveloped hillside—that all other gas pipelines that run under public rights-of-way in San Francisco are protected by asphalt. Earth movement and street improvements and maintenance along public rights of way under which PG&E natural gas transmission lines run do not constitute an unusual circumstance. PG&E natural gas lines run under a number of small and large streets in San Francisco that have experienced, and will continue to experience, maintenance that includes earth movement, excavation and related work in proximity to a natural gas transmission line.

As was stated on page 5 of the original Categorical Exemption, Section 4216.2(a)(1) of the California Government Code requires that any contractor or resident that excavates on private property must call 811 (Underground Service Alert (USA) North) at least two business days before excavation. USA will inform PG&E of the request to excavate and, in the case of work done in proximity to a pipeline such as that proposed by the Project Sponsor, require that a PG&E standby employee be contacted. PG&E staff must physically observe a safe excavation and must be present for any excavation within ten feet of their transmission lines, and will instruct and guide the excavating party, on-site, to avoid damage to the pipeline. These practices apply in the case of both housing construction and road improvements anywhere in San Francisco adjacent to a gas transmission pipeline. These practices, as required by law, are in place to ensure construction activities do not substantially affect underground services, including natural gas pipelines. Furthermore, the proposed project, including street improvements, would be subject to the same PG&E plan approvals and oversite as other excavation and street improvements in San Francisco.

While the Appellant provides statements regarding the project and conditions of the site and vicinity, the Appellant has not established that any of these conditions are unusual and that due to these unusual conditions, a significant environmental effect may result from implementation of the project. Furthermore, even if the Appellant were to establish that the location of this pipeline in proximity to the site were somehow unusual, PG&E regulations, which are approved and subject to the authority of the California Public Utilities Commission, require review of proposed plans for any work within 10 feet of their facilities and requires PG&E staff be present on-site whenever any work within this distance of a transmission line is performed. These existing regulations would ensure that any potential hazards cited by the Appellant do not occur.

Issue 2: The Appellant claims that the project site is a sensitive and hazardous environment, due, in part, to the steepness of the project site, and emergency vehicle access, and therefore the project is ineligible for a Categorical Exemption.

Response 2: The Appellant has not provided substantial evidence that the project site is located in a sensitive or hazardous environment, as defined by the CEQA Guidelines.

According to the CEQA Guidelines Section 15301, Categorical Exemptions may be used for Class 3-eligible projects except in cases where the project may negatively impact an environmental resource of critical or hazardous concern which is "designated, precisely mapped, and officially adopted pursuant to

law by federal, state, or local agencies." The Appellant has not provided any evidence that the project site is located in a sensitive or hazardous area that is designated, mapped and officially adopted.

As noted on page 3 of the original Categorical Exemption, the project site is mapped in an area subject to the Slope Protection Act, adopted by the Board of Supervisors (BOS) in 2008. This ordinance created procedures for additional review of slope stability by DBI for properties within certain mapped areas and established a Structural Advisory Committee for review of permit applications within this area. The BOS found that the public health, safety, and welfare would be best protected if the Building Official requires permits for new construction in these areas to undergo additional review for structural integrity and potential effects on slope stability, including submission to the Structural Advisory Commission for consideration. If the Structural Advisory Commission finds that a project would result in unsafe conditions that cannot be addressed to the satisfaction of the Committee, the Building Official must deny the permit. Adherence to this ordinance has been found to adequately protect the public health, safety, and welfare. Thus, the existing regulatory program and requirements are sufficient to ensure that the proposed project would not result in a significant impact related to slope stability.

The project site contains no other environmental resource of hazardous or critical concern that has been designated or precisely mapped. Therefore, the project site is not located in a sensitive or hazardous environment for the purposes of CEQA Guidelines' exceptions to Categorical Exemptions. The potential for the proposed project to result in significant environmental effects due to its location near the PG&E pipeline and the steepness of the slope are addressed in Response 1 and below, respectively. Potential environmental effects to emergency vehicle access and neighborhood character are addressed below and in Response 3.

The proposed project would create a street with a grade from 34% to 36.22% grade. While this would be a steep street, indeed among the steepest in San Francisco, such grades are not entirely unusual in San Francisco, particularly in the area south of Bernal Hill. Prentiss Street, Bradford Street, and Nevada Street, both in proximity to the project site and south of Bernal Hill, have comparable grades. <sup>4</sup>

The Project Sponsor has consulted the San Francisco Fire Department (SFFD) regarding emergency access.<sup>5</sup> While the width and grade of the proposed street improvement preclude SFFD apparatus from traversing the proposed street, the proposed project conforms to Fire Code Section 503.1.1, which requires all portions of the exterior walls of the first story of any constructed building to be within 150 feet of an approved fire apparatus access road. Both Folsom Street and Bernal Heights Boulevard are accessible to SFFD apparatus and are within 150 feet of all portions of the exterior walls of the first floor of both proposed homes. Furthermore, Fire Code Section 503.1.1 allows a Fire Code Official to offer an exception to the 150 foot requirement if subject buildings are equipped with an approved automatic sprinkler system. While the Project Sponsor is not requesting an exception to Fire Code Section 503.1.1, the

\_

<sup>&</sup>lt;sup>4</sup> The Appeal Letter also notes that the proposed street would not necessarily be accepted by the City and that there may be issues related to maintenance as a maintenance agreement among all property owners facing the proposed street has not yet been finalized. Acceptance of liability or maintenance responsibility is not a physical environmental effect, so this issue is not relevant to the consideration of the appropriateness of the categorical exemption issuance under CEQA.

<sup>&</sup>lt;sup>5</sup> Sponsor meeting with SFFD Assistant Fire Marshall Rich Hill, April 29, 2016.

proposed homes include automatic sprinkler systems. As the proposed houses are within 150 feet of approved fire access roads and include automatic sprinkler systems, the proposed project conforms with the Fire Code and the project therefore does not present a hazardous condition with respect to public safety related to emergency vehicle access.

Ultimately, however, the decision to approve the proposed street will be made by Public Works (PW). PW has received the sponsor's Street Improvement Permit application and has determined that the sponsor will have to apply for a Major Encroachment permit for the proposed street.<sup>6</sup> PW will apply the design and safety standards contained within its Subdivision Regulations<sup>7</sup> in its consideration of the application, which will include the preparation of a soils report and geotechnical report specifically for the proposed street. The proposed street will also require a General Plan Referral (GPR). The Planning Department's determination that the proposed road is exempt from environmental review under CEQA, or that the site of the proposed street is not a unique or hazardous condition under CEQA, does not constitute approval of the proposed street.

Issue 3: The Appellant asserts that the proposed project would result in significant environmental impacts related to stormwater, traffic, the blocking of scenic vistas, parking, public health (garbage collection), and seismic safety.

Response 3: The Appellant has not provided substantial evidence to support a reasonable possibility that the project could result in significant environmental impacts related to these resources areas.

#### Stormwater

The Appellant asserts that the improvement of the street would have unspecified environmental impacts related to drainage. As noted on page 8 of the original Categorical Exemption, while the proposed project would increase impervious surfaces on the project site, the proposed project may also improve drainage by installing drainage controls to direct run-off into the combined sewer system at a currently uncontrolled site. DPW's Subdivision Regulations require proposed streets to "remove sewage and storm water from each lot or parcel of land, and to remove storm water from all roads, streets, and sidewalks.8" The proposed project will also be required to comply with SFPUC's design guidelines and before the street improvement permit can be finalized, SFPUC must review and approve the proposed plans. Therefore, the proposed project would not have significant environmental impacts related to drainage.9

<sup>&</sup>lt;sup>6</sup> Email from Rahul Shah, San Francisco Public Works Assistant Engineer, December 2, 2016.

<sup>&</sup>lt;sup>7</sup> <a href="http://www.sfpublicworks.org/sites/default/files/4740-2015%20Subdivision%20Regulations">http://www.sfpublicworks.org/sites/default/files/4740-2015%20Subdivision%20Regulations</a> final.pdf. While the proposed project does not include a subdivision, DPW staff has indicated that the infrastructure design standards contained in the Subdivision Regulations represent their most detailed treatment of their standards and would apply to the proposed project (phone conversion with Paul Mabry, DPW Chief Surveyor, November 28, 2016).

<sup>8</sup> Ibid. Page 68.

<sup>&</sup>lt;sup>9</sup> The Appeal Letter also notes that the proposed street would not necessarily be accepted by the City and that there may be issues related to maintenance as a maintenance agreement among all property owners facing the proposed street has not yet been finalized. Acceptance of liability or maintenance responsibility is not a physical environmental effect, so this issue is not covered by CEQA.

#### **Traffic**

The Appellant asserts that the proposed project would be "seriously detrimental" to traffic in the area due to the neighborhood's narrow streets and the proposed project's lack of parking and street improvements. The Appellant also states that the Project site and vicinity present unique circumstances with respect to traffic because the location is the only viable entrance to a neighborhood of 28 homes and therefore the addition of vehicle trips from even two additional homes would pose "a significant public safety hazard."

As noted on pages 7-8 of the original Categorical Exemption, while the addition of residential units can increase car trips, the Department determined that the two homes included in the proposed project would not generate a volume of vehicle trips that would adversely affect the local transportation system. Using the Planning Department's 2002 Transportation Impact Analysis Guidelines for Environmental Review (October 2002), the proposed project is estimated to generate approximately nine daily automobile trips. 10 The change in traffic in the project area as a result of the proposed project would be indiscernible to most drivers in this particular location. The proposed project would add a negligible increment of vehicle traffic to the cumulative long-term traffic increase on the neighborhood's roadway network. Thus, the project would not substantially affect the neighborhood's existing or cumulative traffic conditions.

#### Blocking of Vistas

The Appellant asserts that the proposed project would create a wall that would block significant public vistas from Bernal Heights Boulevard that would constitute a significant environmental impact. The CEQA Guidelines do not permit a categorical exemption to be used for a project that would result in damage to scenic resources "within a highway officially designated as a state scenic highway." Neither Bernal Heights Boulevard nor any other nearby street is a designated state scenic highway.

As noted on pages 5-6 of the original Categorical Exemption, the project site is located downhill from Bernal Heights Park and Bernal Heights Boulevard. For the purposes of CEQA, the Planning Department evaluates impacts to significant views and vistas, as designated in the General Plan. The Urban Design Element of the General Plan includes three maps relevant to the proposed project: 1) Street Areas Important to Urban Design and Views, 2) Quality of Street Views, and 3) Plan to Strengthen City Pattern through Visually Prominent Landscaping. Neither Bernal Heights Boulevard nor Folsom Street is included on the map Street Areas Important to Urban Design and Views. Bernal Heights Boulevard, Folsom Street and Chapman Street in the area of the proposed project are designated as having Average views on the Quality of Street Views map. Bernal Hill is identified as an Important Vista Point to be Protected on the Plan to Strengthen City Pattern Through Visually Prominent Landscaping map.

The proposed project (two buildings reaching a height of 30 feet) would not obstruct views from Bernal Heights Park. The Bernal Heights East Slope Design Guidelines include roof treatment guidelines to minimize or avoid obscuring views, and the north elevation of the proposed project would comply with

<sup>&</sup>lt;sup>10</sup> San Francisco Planning Department, Transportation Calculations for 3516-3526 Folsom Street, June 20, 2016. This document, and all documents cited in this report, are available for public inspection at the San Francisco Planning Department, 1650 Mission Street, 4th Floor, San Francisco, CA 94103 as part of case file #2013.1383APL.

the Bernal Heights East Slope Design Guidelines. Furthermore, the proposed roofs of the two buildings would sit below the elevation of Bernal Heights Boulevard.<sup>11</sup> Therefore, the two proposed 30 ft. tall buildings would not result in a substantial demonstrable adverse effect to any scenic views or resources.

#### **Parking**

The Appellant asserts that the proposed project would be "seriously detrimental" to parking in the area due to the lack of on-street parking on the proposed improved street, and due to the fact that the offstreet parking provided by the proposed project would be non-functional due to the design of the street and the homes' driveways.

As noted on page 7 of the original Categorical Exemption, San Francisco does not consider parking supply as part of the permanent physical environment and therefore, does not consider changes in parking conditions to be environmental impacts as defined by CEQA. Parking conditions are not static, as parking supply and demand varies from day to day, from day to night, from month to month, etc. Hence, the availability of parking spaces (or lack thereof) is not a permanent physical condition, but changes over time as people change their modes and patterns of travel. The small number of projected vehicle trips generated by the proposed project, approximately nine per day (which includes vehicle trips by the residents who will utilize the project's off-street parking), would not result in a parking deficit and therefore any secondary impacts from a parking shortfall on the environment would not ensue, including increased traffic congestion, emissions, safety or noise.

For informational purposes, the proposed project is located in the Bernal Heights Special Use District. Planning Code Section 242 requires new construction with between 1,301 square feet and 2,250 square feet of usable floor area to provide two functional off-street parking spaces per residential unit in the Bernal Heights Special Use zoning district. The proposed project includes two parking spaces per residential unit (four, in total). Guests and visitors arriving by car would be able to utilize nearby onstreet parking. According to the Department's transportation analysis guidelines, the parking demand for the proposed project is three spaces. As the proposed project includes four spaces, there would be no parking shortfall.

#### Public Health (Garbage Collection)

The Appellant asserts that the proposed project would create significant public health impacts due to the fact that garbage, recycling and compost pickup may need to be performed at the bottom of the proposed new street in front of current residences on Folsom and Chapman streets.

In San Francisco, residents, employees and waste management personnel routinely transport waste receptacles along public streets and sidewalks, and waste management vehicles are routinely stopped or parked in front of existing residences and buildings as part of regular service. The Appellant has not provided substantial evidence of any particular significant adverse impacts that these same activities would have if performed at this particular location, nor how the proposed project would create circumstances dissimilar to waste collection practices elsewhere in San Francisco.

<sup>&</sup>lt;sup>11</sup> According to the project sponsor, the sidewalk elevation at Bernal Heights Boulevard is +325". The roof elevation of the proposed project is +324.5" and the proposed top of parapet is +328".

#### Seismic Safety

The Appeal letter asserts that the project site "is in an area that would be exposed to strong earthquake shaking." As noted on pages 6-7 of the original Categorical Exemption, geotechnical reports were completed for the proposed project and concluded that the proposed improvements could be safely supported using a spread footing and/or mat building foundation, provided adherence to the site preparation and foundation design recommendations included in the reports.

In the *California Building Industry Association v. Bay Area Air Quality Management District* case decided in 2015, the California Supreme Court held that CEQA does not generally require lead agencies to consider how existing environmental conditions might impact a project's users or residents, except where the project would significantly exacerbate an existing environmental condition. Accordingly, the examination of the proposed project with respect to seismic risk is relevant only to the extent that the project significantly exacerbates the seismic safety conditions. The proposed project itself would not increase the risk or severity of seismic events.

Furthermore, the Department of Building Inspection (DBI) is responsible for ensuring compliance with construction requirements, building safety and seismic design standards, as well as compliance with the requirements of the Slope Protection Act (please see Response 2, above, for more detail about implementation of the Slope Protection Act).

Issue 4: The Appellant claims that the environmental review should have included the development of the four adjacent vacant lots since project construction would provide utilities to all lots along the street extension. The appellant further asserts that construction of the street extension would result in significant cumulative impacts with the subsequent development of the adjacent lots.

Response 4: The project as proposed is two homes and a street improvement, and does not include development of the adjacent lots. Nevertheless, development of the four adjacent lots would not result in significant cumulative environmental impacts.

Pursuant to CEQA, the Department analyzed the project as proposed in the Environmental Evaluation application which was for the construction of two single-family residences on two vacant lots located on the "paper street" segment of Folsom Street. The adjacent lots are all under different ownership than the project lots. Any future development proposals on the adjacent lots would require further environmental review, including consideration of cumulative impacts, and City approval.

As required by CEQA Guidelines Section 15300.2, the original Categorical Exemption analyzed Cumulative Impacts (see pages 9-10). Since the 3516 and 3526 Folsom Street project is the first proposed development on the "paper street" segment of Folsom Street, the project sponsor would be required by DPW's Subdivision Regulations to construct pedestrian, vehicular, and utility access to this segment of Folsom Street.<sup>12</sup> At this time, it is unknown whether utilities would come from Bernal Heights Boulevard to the north or from Chapman Street to the south. This would be determined by PG&E and SFPUC once

-

<sup>&</sup>lt;sup>12</sup> DPW Subdivision Regulations. Page 66.

the project is entitled. It is anticipated that utility lines would run under the entire length of the street extension, which would reduce or avoid the need for future utility-related construction activities should development occur on the adjacent lots.

CEQA prohibits piecemeal environmental review of large projects into many little projects, which each have minimal potential to impact the environment, but cumulatively could have significant impacts. The project application does not constitute piecemeal development under CEQA for the following reasons: the proposed project does not involve subdivision or creation of new lots as the six vacant lots along the "paper street" segment of Folsom Street have existed since at least 1935; Project Sponsor is not the owner of the adjacent lots; and as previously stated, the Department has not received any applications from the other property owners to construct projects on their properties, thus there is no larger project from which this one is being separated.

The Appellant asserts that development of the four adjacent lots in combination with the proposed project would lead to significant cumulative impacts related to parking, traffic and public safety. As discussed on page 9 of the original Categorical Exemption, pursuant to CEQA, cumulative impacts refers to two or more individual effects which, when considered together, are considerable or which compound or increase other physical environmental impacts. The Appellant claims that significant cumulative parking impacts would result because the proposed off-street vehicle parking spaces would not be accessible and zero on-street parking spaces would be provided along the Folsom Street extension. However, the Appellant does not provide any evidence to support the claim that the proposed parking garages would not be accessible to the residents. The width of the proposed street and curb cuts provide adequate turning radius for ingress and egress. Furthermore, the project sponsor made recent project changes that involve widening the street extension from 15.5 feet to 20 feet, as well as widening the two proposed curb cuts from 10 feet to 12 feet. While the Planning Code does not require the project sponsor to provide on-street vehicle parking spaces, any further development on the project site would be required to meet the off-street parking requirements of the Bernal Heights Special Use zoning district.

The Appellant claims that the proposed street extension would result in cumulative traffic impacts because the street extension would be too narrow and would result in trucks and vehicles being forced to park their cars elsewhere, which would block the intersection of Folsom and Chapman streets, as well as other streets in the project vicinity. While it is correct that the proposed project would not provide any new on-street parking spaces, visitors and others unable to use the off-street parking provided by the proposed project would park along curb areas on adjacent streets already used for parking. They would not, therefore, block the intersection of Folsom and Chapman streets. As stated in Response #3, the addition of two single-family residences would generate an estimated 9 daily vehicle trips. While, as noted above, the Department has not received any applications from the other property owners to construct projects on their properties, should development occur on the four adjacent lots, which are each permitted to construct one single-family residence, it is estimated that an additional 18 daily vehicle trips would be generated. The addition of 18 daily vehicle trips in combination with the proposed project's nine daily vehicle trips would be dispersed through-out the day and would not be considered a substantial number of trips that could adversely affect the local transportation system.

The Appellant claims that there would be a cumulative public safety impact related to future development on the vacant lots which would require additional construction activities that would impact the existing pipeline. As stated above, the proposed project would provide utility access to the four adjacent vacant lots which would reduce or avoid subsequent ground disturbance of the proposed street extension should future development occur. See Response #1 and #2 above for further discussion regarding project construction in relation to the nearby pipeline.

Furthermore, any subsequent development would be required to comply with the same regulations as the proposed project including, but not limited to, compliance with the San Francisco Building Code, Slope Protection Act, and PG&E regulations for work in proximity to their pipeline. The Appellant does not provide any evidence to support the claim that implementation of the proposed project would result in significant cumulative impacts. No further response is required.

#### CONCLUSION

No substantial evidence supporting a fair argument that a significant environmental effect may occur as a result of the project has been presented that would warrant preparation of further environmental review. The Department has found that the proposed project is consistent with the cited exemption. The Appellant has not provided any substantial evidence or expert opinion to refute the conclusions of the Department.

For the reasons stated above and in the July 8, 2016 Categorical Exemption Determination, the CEQA Determination complies with the requirements of CEQA and the Project is appropriately exempt from environmental review pursuant to the cited exemption. The Department therefore recommends that the Board uphold the CEQA Categorical Exemption Determination and deny the appeal of the CEQA Determination.

# Attachment A



# SAN FRANCISCO PLANNING DEPARTMENT

# Certificate of Determination Exemption from Environmental Review

1650 Mission St. Suite 400 San Francisco, CA 94103-2479

Reception:

415.558.6378

Fax:

415.558.6409

Planning Information: 415.558.6377

Case No.:

2013.1383ENV

Project Title:

3516 and 3526 Folsom Street

Zoning:

RH-1 (Residential – House, One Family) Use District

40-X Height and Bulk District

Block/Lot:

5626/013 and 5626/014

Lot Size:

1,750 square feet (each lot)

Project Sponsor:

Fabien Lannoye, Bluorange designs

415-533-0415

Fabien@novadesignsbuilds.com

Staff Contact:

Justin Horner - (415) 575-9023

Justin.Horner@sfgov.org

## PROJECT DESCRIPTION:

The project site is located on the block bounded by Bernal Heights Boulevard to the north, Gates Street to the west, Powhattan Avenue to the south and Folsom Street to the east. The project site is located along the west side of an approximately 145 foot long unimproved segment of Folsom Street, north of Chapman Street, that ends at the Bernal Heights Community Garden. This unimproved right-of-way is known as a "paper street." Undeveloped land along this unimproved segment of Folsom Street has been subdivided into six lots, three on each side of Folsom Street. PG&E Natural Gas Transmission Pipeline 109 runs along Folsom Street under the project site. The project site is at a slope of 28%.

The proposed project involves the construction of two single-family residences on two of the vacant lots along the west side of the unimproved portion of Folsom Street, and the construction of the connecting segment of Folsom Street to provide vehicle and pedestrian access to the project site. Both single-family homes would be 27 feet tall, two-story-over-basement buildings and would each include two off-street vehicle parking spaces accessed from a twelve-foot-wide garage door.

(Continued on next page)

#### **EXEMPT STATUS:**

Categorical Exemption, Class 3 (California Environmental Quality Act [CEQA] Guidelines Section 15301). See page 2.

#### **DETERMINATION:**

I do hereby certify that the above determination has been made pursuant to State and local requirements.

Sarah B. Iones

**Environmental Review Officer** 

Fabien Lannoye, Project Sponsor

Virna Byrd, M.D.F.

Supervisor Campos, District 9, (via Clerk of the Board)

July 8, 2016

Richard Sucre, Current Planner

#### PROJECT DESCRIPTION (continued):

The 3516 Folsom Street building would be approximately 2,230 square feet in size with a side yard along its north property line. The 3526 Folsom Street building would be approximately 2,210 square feet in size with a side yard along its south property line. The proposed buildings would include roof decks and a full fire protection sprinkler system. The project sponsor proposes to create a mural on the south façade of the 3526 Folsom Street building. The proposed buildings would be supported by a shallow building foundation using a mat slab with spread footings.

The proposed Folsom Street extension improvements would include an approximately 20-foot-wide road with an approximately 10-foot-wide sidewalk on the west side of the street, adjacent to the proposed residences. The proposed sidewalk would be stepped, would incorporate landscaping that would perform storm water retention, and would provide public access to Bernal Heights Boulevard/Bernal Heights Park (along the west side of the Bernal Heights Community Garden). The proposed project would not create direct vehicular access to Bernal Heights Boulevard as the Folsom Street extension would terminate at the Bernal Heights Community Garden. Construction of the street extension would require the removal of the existing landscaped area within the public right-of-way where Folsom Street meets Chapman Street. An existing driveway utilized by both the 3574 Folsom Street and 3577 Folsom Street buildings would also be removed; however, the extension would provide access to the two existing residences.

The proposed project would include the installation of new street trees (subject to approval from PG&E) and street lighting on the west side of the street. No on-street parking would be provided along the Folsom Street extension. In addition to providing utilities for the proposed residences, the project sponsor would install utilities for the four vacant lots located on the "paper street" segment of Folsom Street (one on the west side and three on the east side). No residences are proposed at this time on those lots; the proposed connections would be provided to minimize disruption in the case of future development. Construction would continue for approximately 12 months and would require excavation of up to approximately 10 feet below the existing ground surface.

#### Project Approvals

**Approval Action:** If discretionary review before the Planning Commission is requested, the discretionary review hearing is the Approval Action for the project. If no discretionary review is requested, the issuance of a building permit by the Department of Building Inspection (DBI) is the Approval Action. The Approval Action date establishes the start of the 30-day appeal period for this CEQA exemption determination pursuant to Section 31.04(h) of the San Francisco Administrative Code.

#### **EXEMPT STATUS (continued):**

CEQA Guidelines Section 15303, or Class 3, provides an exemption from environmental review for construction of new, small facilities or structures. Section 15303(a) specifically exempts up to three single-family homes in urbanized areas, and Section 15303(d) specifically exempts utility extensions and street improvements to service such construction.

The proposed project would construct two-single family homes on two lots, with utility extensions and street improvements to service the two structures. Therefore, the proposed project qualifies for an exemption from CEQA under CEQA Guidelines Sections 15303(a) and (d).

#### **DISCUSSION OF ENVIRONMENTAL ISSUES:**

CEQA Guidelines Section 15300.2 establishes exceptions to the application of a categorical exemption for a project. As discussed in this certificate of exemption, none of the established exceptions apply to the proposed project.

CEQA Guidelines Section 15300.2, subdivision (a), provides that a Class 3 categorical exemption cannot be used where the project may negatively impact an environmental resource of critical or hazardous concern which is "designated, precisely mapped, and officially adopted pursuant to law by federal, state, or local agencies." For the reasons discussed below under "Resources of Hazardous or Critical Concern," there is no possibility that the proposed project would have a significant effect on the environment related to this circumstance.

CEQA Guidelines Section 15300.2, subdivision (b), provides that a categorical exemption is inapplicable when the cumulative impact of successive projects of the same type in the same place, are significant. For the reasons discussed below under "Cumulative Impacts," there is no possibility that the proposed project would have a significant effect on the environment related to this circumstance.

CEQA Guidelines Section 15300.2, subdivision (c), provides that a categorical exemption shall not be used where there is a reasonable possibility that the activity will have a significant effect on the environment due to unusual circumstances. For the reasons discussed in this certificate of exemption, there is no possibility that the proposed project would have a significant effect on the environment due to unusual circumstances.

CEQA Guidelines Section 15300.2, subdivision (d), provides that a categorical exemption shall not be used for a project that would result in damage to a scenic resource within a highway officially designated as a state scenic highway. Neither Bernal Heights Boulevard nor any other nearby street is a designated state scenic highway. Therefore, there is no possibility that the proposed project would have a significant effect on the environment related to this circumstance.

CEQA Guidelines Section 15300.2, subdivision (f), provides that a categorical exemption shall not be used for a project that may cause a substantial adverse change in the significance of a historical resource. For the reasons discussed below under "Historic Resources," there is no possibility that the proposed project would have a significant effect on a historic resource.

<u>Resources of Hazardous or Critical Concern.</u> According to the CEQA Guidelines, Categorical Exemptions may be used for Class 3-eligible projects except in cases where the project may negatively impact an environmental resource of critical or hazardous concern which is "designated, precisely mapped, and officially adopted pursuant to law by federal, state, or local agencies."

The project site is mapped in an area subject to the Slope Protection Act, adopted by the Board of Supervisors (BOS) in 2008. This ordinance created procedures for additional review of slope stability by

DBI for properties within certain mapped areas and established a Structural Advisory Committee for review of permit applications within this area. The BOS found that the public health, safety, and welfare would be best protected if the Building Official requires permits for new construction in these areas to undergo additional review for structural integrity and potential effects on slope stability, including submission to the Structural Advisory Commission for consideration. If the Structural Advisory Commission finds that a project would result in unsafe conditions that cannot be addressed to the satisfaction of the Committee, the Building Official must deny the permit. Thus, the existing regulatory program and requirements are sufficient to ensure that the proposed project would not result in a significant impact related to slope stability. Adherence to this ordinance has been found to adequately protect the public health, safety, and welfare.

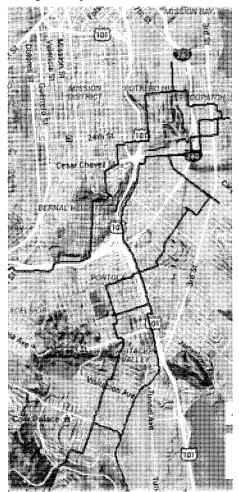
The project site contains no other environmental resource of hazardous or critical concern that has been designated or precisely mapped. Therefore, the proposed project would not have a significant impact on environmental resources of hazardous or critical concern and this exception to the Categorical Exemption does not apply.

<u>Utilities.</u> PG&E Transmission Pipeline 109 runs under Folsom Street from the 280 freeway to Bernal Heights Boulevard, including under the project site, after which it circles Bernal Heights Park's eastern edge before continuing onto Alabama Street, Cesar Chavez Street and neighborhoods along Potrero Hill, Dogpatch and the Central Waterfront. The Pipeline's alignment takes it through a variety of residential neighborhoods in the southeast area of the City, and other similar pipelines run beneath streets in other areas of the city (see Figure 1). The presence of a gas transmission pipeline beneath areas adjacent to residential development is not unusual in San Francisco or throughout the state because residential homes are commonly served by gas lines.

According to PG&E, Pipeline 109 was installed in 1981 and was successfully strength tested at the time of installation. It has a maximum allowable operating pressure of 150 pound per square inch gage which is 19.8% of the pipe's specified minimum yield strength. It is patrolled at least quarterly, and is surveyed for leaks at least annually. The system PG&E uses to combat pipeline erosion is inspected every two months. PG&E also performs External Corrosion Direct Assessments, which involve excavation and physical inspection of the pipeline.

PG&E has stated that the construction of the two homes will present no particular issues with respect to patrolling and maintaining the pipeline, as the proposed home sites are no closer to the pipeline than existing residential properties on Folsom Street and other areas of San Francisco.

Figure 1. Pipeline Transmission Network



5

PG&E natural gas lines run under a number of small and large streets in San Francisco that have experienced, and will continue to experience, maintenance that includes earth movement, excavation and related work in proximity to a natural gas transmission line.

Section 4216.2(a)(1) of the California Government Code requires that any contractor or resident that excavates on private property must call 811 (Underground Service Alert (USA) North) at least two business days before excavation. USA will inform PG&E of the request to excavate and, in the case of work done in proximity to a pipeline such as that proposed by the Project Sponsor, require that a PG&E standby employee be contacted. PG&E staff must physically observe a safe excavation and must be present for any excavation within ten feet of their transmission lines, and will instruct and guide the excavating party, on-site, to avoid damage to the pipeline. These practices apply in the case of both housing construction and road improvements anywhere in San Francisco adjacent to a gas transmission pipeline. These practices, as required by law, are in place to ensure construction activities do not substantially affect underground services, including natural gas pipelines. Furthermore, PG&E regulations require review of proposed plans for any work within 10 feet of their facilities. Therefore, these regulations would ensure that no significant environmental effect would occur from construction in proximity to PG&E's natural gas pipeline.

In light of the above, there is no possibility that the proposed project would have a significant effect on the environment related to unusual circumstances with regards to the presence of the PG&E natural gas pipeline.

Emergency Access. While the width and grade of the proposed street improvement preclude the San Francisco Fire Department (SFFD) apparatus from traversing the proposed street, the proposed project would be required to conform to Fire Code Section 503.1.1, which mandates all portions of the exterior walls of the first story of any constructed building to be within 150 feet of an approved fire apparatus access road. Both Folsom Street and Bernal Heights Boulevard are accessible to SFFD apparatus and are within 150 feet of all portions of the exterior walls of the first floor of both proposed homes. Furthermore, the proposed homes include automatic sprinkler systems. As the proposed houses are within 150 feet of approved fire access roads and include automatic sprinkler systems, the proposed project conforms with the Fire Code and the project therefore does not present a hazardous condition with respect to public safety related to emergency access.

Aesthetics. The project site is located downhill from Bernal Heights Park and Bernal Heights Boulevard. The Urban Design Element of the General Plan includes three maps relevant to the proposed project: 1) Street Areas Important to Urban Design and Views, 2) Quality of Street Views, and 3) Plan to Strengthen City Pattern through Visually Prominent Landscaping. Neither Bernal Heights Boulevard nor Folsom Street is included on the map "Street Areas Important to Urban Design and Views". Bernal Heights Boulevard, Folsom Street and Chapman Street in the area of the proposed project are designated as having average views on the "Quality of Street Views map". Bernal Hill is identified as an important vista point to be protected on the "Plan to Strengthen City Pattern Through Visually Prominent Landscaping map".

The proposed project (two buildings reaching a height of 30 feet) would not obstruct views from Bernal Heights Park. The Bernal Heights East Slope Design Guidelines include roof treatment guidelines to minimize or avoid obscuring views, and the north elevation of the proposed project would comply with

6

the Bernal Heights East Slope Design Guidelines. Furthermore, the proposed roofs of the two buildings would sit below the elevation of Bernal Heights Boulevard.

Therefore, the two proposed 30 foot. tall buildings would not result in a substantial demonstrable adverse effect to any scenic views or resources.

<u>Historic Resources.</u> The project site is currently vacant, undeveloped land, and does not include any historic resources. Neither the project site nor the immediately surrounding neighborhood is within a historic district designated under federal, state or local regulations.

As the proposed project requires excavation up to a depth of 40 feet, it was subject to a Preliminary Archeological Review (PAR) by a Planning Department Archeologist. The PAR determined that the proposed project would result in no effect on archeological resources.<sup>1</sup>

Thus, the proposed project would not result in an adverse impact to a historic resource.

<u>Geotechnical</u>. The dimensions of each lot are 25 feet wide by 70 feet deep. Both lots have an approximately 32 percent slope from the north to south side of the lot. Each residence would be constructed on a flat building pad with concrete retaining walls used in the front and rear yard areas to provide access to the garage and create usable outdoor living areas. The buildings would be constructed using a spread footing and/or mat foundation, requiring excavation several feet in depth.

A geotechnical report was prepared for each of the two proposed residences (3516 and 3526 Folsom Street) and includes information gathered from a site reconnaissance by the geotechnical engineer and two soil borings, one on each lot.<sup>2</sup> Both borings encountered 3 to 4 feet of stiff clay and sandy soil over chert bedrock. No groundwater was encountered, though based on the hillside location and soil and bedrock morphology it is possible that groundwater seepage from offsite irrigation could be encountered during excavation on the project site.

The geotechnical reports include the same evaluation and recommendations given the adjacency of the two lots and similar geotechnical/geological site conditions. The project site was evaluated for potential liquefaction, landslides, surface rupture, lateral spreading, and densification and was found to have a low risk. The geotechnical reports indicate the project site is not within an identified landslide or liquefaction zone as mapped by the California Divisions of Mines and Geology.<sup>3</sup> The project site is in an area that would be exposed to strong earthquake shaking. However, the 2013 San Francisco Building Code (Building Code) requires the Site Classification and Values of Site Coefficients be used in the design of new structures to minimize earthquake damage. The geotechnical reports include seismic design

SAN FRANCISCO
PLANNING DEPARTMENT

<sup>&</sup>lt;sup>1</sup> Preliminary Archeological Review Log, September 26, 2013. A copy of this document, and all documents cited below, are available for public review at the San Francisco Planning Department. 1650 Mission Street, Suite 400, as part of Case file No. 2013.1383E.

<sup>&</sup>lt;sup>2</sup> H. Allen Gruen, Report Geotechnical Investigation Planned Residence at 3516 Folsom Street, and Report Geotechnical Investigation Planned Residence at 3526 Folsom Street, August 3, 2013. Copies of these documents are available for public review at the San Francisco Planning Department, 1650 Mission Street, Suite 400, as part of Case File No. 2013.1383E.

<sup>&</sup>lt;sup>3</sup> California Department of Conservation, Seismic Hazard Zones, City and County of San Francisco, November 17, 2000. Available online at <a href="http://gmw.consrv.ca.gov/shmp/download/quad/SAN\_FRANCISCO\_NORTH/maps/ozn\_sf.pdf">http://gmw.consrv.ca.gov/shmp/download/quad/SAN\_FRANCISCO\_NORTH/maps/ozn\_sf.pdf</a>. Accessed July 8, 2016.

parameters for use in the project design by the structural engineer, in compliance with the Building Code, during the building permit plan check process.

Both geotechnical reports conclude that the proposed improvements could be safely supported using a spread footing and/or mat building foundation, provided adherence to the site preparation and foundation design recommendations included in the reports. The San Francisco Building Code ensures the safety of all new construction in the City. Decisions about appropriate foundation and structural design are considered as part of DBI's permit review process. Prior to issuing a building permit for the proposed project, DBI would review the geotechnical report to ensure that the proposed project complies with building safety and seismic design standards, as well as compliance with the requirements of the Slope Protection Act. Therefore, potential damage to structures from geologic hazards on the project site would be addressed through compliance with the San Francisco Building Code. Thus, the proposed project would have no significant geotechnical impacts.

**Shadow.** The project site is located to the southwest of the Bernal Heights Community Garden. Therefore, a shadow analysis was prepared by the Project Sponsor/Architect. The shadow analysis provides simulations that show that the proposed project would cast new shadow on the Bernal Heights Community Garden, but that shadow would be limited to only certain periods in the winter and summer and the new shadow would only fall on a portion of the southwestern corner of the community garden mainly in the evening after 5:30 pm. In most cases throughout the year, the shadow cast by the proposed project either does not fall on the community garden or is contained within shadow already cast by existing structures on Gates Street.

While the proposed project would cast new shadow on the community garden, it is not expected to substantially affect the use or enjoyment of the Bernal Heights Community Garden such that a significant environmental effect would occur.

Transportation. Using the Planning Department's 2002 Transportation Impact Analysis Guidelines for Environmental Review (October 2002), the proposed project is estimated to generate approximately nine daily automobile trips. The change in traffic in the project area as a result of the proposed project would be indiscernible to most drivers. The proposed project would add a negligible increment of vehicle traffic to the cumulative long-term traffic increase on the neighborhood's roadway network. Thus, the project would not substantially affect the neighborhood's existing or cumulative traffic conditions.

Planning Code Section 242 requires, generally, two functional off-street parking spaces per residential unit in the Bernal Heights Special Use District. The proposed project includes two parking spaces per residential unit (four, in total). Guests and visitors arriving by car would be able to utilize nearby onstreet parking. According to the Department's transportation impact analysis guidelines, the parking demand for the proposed project is three spaces. As the proposed project includes four spaces, there would be no parking shortfall.

San Francisco does not consider parking supply as part of the permanent physical environment and therefore, does not consider changes in parking conditions to be environmental impacts as defined by CEQA. Parking conditions are not static, as parking supply and demand varies from day to day, from day to night, from month to month, etc. Hence, the availability of parking spaces (or lack thereof) is not a permanent physical condition, but changes over time as people change their modes and patterns of

travel. The small number of projected vehicle trips generated by the proposed project, approximately nine per day (which includes vehicle trips by the residents who would utilize the project's off-street parking), would not result in a parking deficit and therefore any secondary impacts from a parking shortfall on the environment would not ensue, including increased traffic congestion, emissions, safety or noise.

In light of the above, the proposed project would not result in any significant transportation impacts.

<u>Biological Resources.</u> Nearby Bernal Hill is a natural area that has been evaluated for the presence of birds and bird habitat. According to San Francisco Recreation and Parks' Significant Natural Resources Areas Management Plan (SNRAMP), two sensitive bird species have been observed at Bernal Hill: Say's phoebe (Sayornis saya) and Wilson's warbler (Wilsonia pusilla). There is also a single area of important bird habitat, which includes the entire grasslands area of Bernal Hill.

The project site contains trees and vegetation not unlike those found on Bernal Hill. The Project Sponsor would be required to comply with the Federal Migratory Bird Treaty Act (MBTA) as well as California Department of Fish and Game Code 3513 regarding the protection of nesting birds during construction. California Department of Fish and Wildlife (DFW) biologists have broadly defined the nesting season as February 1st through August 15th (although there are more specific dates for certain species of birds). If timing restrictions make it impossible to avoid the nesting season, the construction areas should be surveyed for nesting birds and active nests should be avoided. A biologist should inspect the construction areas for active nests. If adult birds are observed flying to and from a nest, or sitting on a nest, it can be assumed that the nest is active. Construction activity within 300 feet of an active nest should be delayed until the nest is no longer active. The active nest should be watched, and when the chicks have left the nest and activity is no longer observed around the nest, it is safe to continue construction activity in the nest area.

As the proposed project would be required to comply with the MBTA and DFW regulations, and as there is abundant substantially similar, and protected, habitat available nearby on Bernal Hill, project construction would not have a significant effect on any bird species or their habitat and the development of these two lots, adjacent to other similar development, would not result in a significant impact on bird species or habitat.

Water Quality. The proposed project would not generate wastewater or stormwater discharges that have the potential to degrade water quality or contaminate a public water supply. Project-related wastewater and stormwater would flow to the City's combined stormwater/sewer system and would be treated to standards contained in the City's National Pollutant Discharge Elimination System (NPDES) Permit for the Southeast Treatment Plant prior to discharge into San Francisco Bay. Additionally, the proposed project is required to comply with the Stormwater Management Ordinance, which require the project to maintain or reduce the existing volume and rate of stormwater runoff at the site by retaining runoff onsite, promoting stormwater reuse, and limiting site discharges before entering the combined sewer collection system.

The proposed project would also be required to comply with requirements of the Construction Site Runoff Ordinance, which regulates the discharge of sediment or other pollutants from construction sites and prevents erosion and sedimentation due to construction activities. Furthermore, before the street

improvement permit can be finalized, SFPUC must review and approve the proposed plans. Therefore, the proposed project would not have significant environmental impacts related to water quality.

<u>Cumulative Impacts.</u> CEQA Guidelines Section 15300.2, subdivision (b), provides that a categorical exemption is inapplicable when the cumulative impact of successive projects of the same type in the same place, are significant. For the reasons discussed below there is no possibility that the proposed project in combination with reasonably foreseeable cumulative projects would have a significant effect on the environment.

The project as proposed in the Environmental Evaluation application is for the construction of two single-family residences on two vacant lots located on the "paper street" segment of Folsom Street as well as utility extensions and street improvements that would serve the two homes and four undeveloped lots along this segment of Folsom Street. The four adjacent lots are all under different ownership than the project lots and no Environmental Evaluation applications are on file with the Planning Department for development of those lots. Any future development proposals on the adjacent lots would require further environmental review and City approval.

Since the 3516 and 3526 Folsom Street project is the first proposed development on the "paper street" segment of Folsom Street, the project sponsor would be required to construct pedestrian and vehicular access to this segment of Folsom Street. The project sponsor has also agreed to construct utilities to service the remaining four undeveloped lots so as to avoid any need to excavate the improved section of Folsom Street in the event homes are proposed for the four remaining vacant lots in the future. At this time, it is unknown whether utilities would come from Bernal Heights Boulevard to the north or from Chapman Street to the south. This would be determined by PG&E and the SFPUC once the project is entitled. It is anticipated that utility lines would run under the entire length of the street extension, which would reduce or avoid the need for future utility-related construction activities should development occur on the adjacent lots.

Pursuant to CEQA, cumulative impacts refer to two or more individual effects which, when considered together, are considerable or which compound or increase other physical environmental impacts. The proposed project would construct two single-family homes, improve a segment of Folsom Street, and provide utilities for the two proposed homes and four adjacent lots. While there are no Environmental Evaluation applications on file with the Planning Department for the four adjacent lots, the improvements proposed by the project would facilitate future development of those lots. The cumulative effects of the proposed project in addition to development of the four adjacent lots are addressed below.

Shadow. The vacant lots to the east of the project site would have the potential to shade the Bernal Heights Community Garden. If those lots are developed, they would be required to undergo environmental review in accordance with CEQA and would require a shadow analysis. As discussed above, the proposed project would shade a portion of the southwestern corner of the community garden mainly in the evening after 5:30 pm. Therefore, the proposed project would not result in a considerable contribution to any cumulative shadow impact that could result from development of the adjacent lots.

Transportation. The addition of two single-family residences would generate an estimated 9 daily vehicle trips. Should development occur on the four adjacent lots, which are each permitted to construct one

single-family residence, it is estimated that an additional 18 daily vehicle trips would be generated. The addition of 18 daily vehicle trips in combination with the proposed project's 9 daily vehicle trips would be dispersed through-out the day and would not be considered a substantial number of trips that could adversely affect the local transportation system.

In addition, any subsequent development would be required to comply with the same regulations as the proposed project including, but not limited to, compliance with the San Francisco Building and Fire Codes, Slope Protection Act, PG&E regulations for work in proximity to their pipeline, the SFPUC's Stormwater Management Ordinance and Construction Site Runoff Ordinance, the MBTA and DFW regulations protecting nesting birds and the Bernal Heights East Slope Design Guidelines. These regulations would ensure that development of the adjacent lots, would not result in significant effects to geology/soils, emergency access, water quality, utilities, biological resources, and aesthetics.

Thus, the proposed project would not result in a considerable contribution to any cumulative environmental impacts.

<u>Conclusion</u>. The proposed project satisfies the criteria for exemption under the above-cited classification(s). In addition, none of the CEQA Guidelines Section 15300.2 exceptions to the use of a categorical exemption applies to the proposed project. For the above reasons, the proposed project is appropriately exempt from environmental review.

## Carroll, John (BOS)

From:

BOS Legislation, (BOS)

Sent:

Friday, December 02, 2016 4:51 PM

To: Cc: ryan@zfplaw.com; Fabien@novadesignsbuilds.com; fabien@bluorange.com; Olson, Charles Givner, Jon (CAT); Stacy, Kate (CAT); Byrne, Marlena (CAT); Rahaim, John (CPC); Sanchez, Scott (CPC); Gibson, Lisa (CPC); Starr, Aaron (CPC); Rodgers, AnMarie (CPC); Horner, Justin (CPC); Sucre, Richard (CPC); Ionin, Jonas (CPC); Calvillo, Angela (BOS); Somera, Alisa (BOS); Lew, Lisa (BOS); BOS-Supervisors; BOS-Legislative Aides; Smith, Diana; Lee, Carolyn; 'ifogarty@sonic.net'; 'iwallace@jaywallaceassociates.com'; Betzy Lesser; Herb

Felsenfeld; BOS Legislation, (BOS)

Subject:

Supplemental Appeal Documents - Appeal of Exemption Determination - Proposed Project at

3516-3526 Folsom Street - Appeal Hearing on December 13, 2016

Categories:

161278

Good afternoon,

Please find linked below appeal responses received by the Office of the Clerk of the Board from the Appellant and Project Sponsor, concerning the Exemption Determination Appeal for the proposed project at 3516-3526 Folsom Street.

Project Sponsor Appeal Response - December 2, 2016

Appellant Supplemental Appeal Letter - December 2, 2016

The appeal hearing for this matter is scheduled for a 3:00 p.m. special order before the Board on December 13, 2016.

I invite you to review the entire matter on our Legislative Research Center by following the link below:

Board of Supervisors File No. 161278

Regards,

John Carroll
Legislative Clerk
Board of Supervisors
San Francisco City Hall, Room 244
San Francisco, CA 94102
(415)554-4445 - Direct | (415)554-5163 - Fax
john.carroll@sfgov.org | bos.legislation@sfgov.org



Click here to complete a Board of Supervisors Customer Service Satisfaction form.

The Legislative Research Center provides 24-hour access to Board of Supervisors legislation and archived matters since August 1998.

Disclosures: Personal information that is provided in communications to the Board of Supervisors is subject to disclosure under the California Public Records Act and the San Francisco Sunshine Ordinance. Personal information provided will not be redacted. Members of the public are not required to provide personal identifying information when they communicate with the Board of Supervisors and its committees. All written or oral communications that members of the public submit to the Clerk's Office regarding pending legislation or hearings will be made available to all members of the public for inspection and copying. The Clerk's Office does not redact any information from these submissions. This means that personal information—including names, phone numbers, addresses and similar information that a member of the public elects to submit to the Board and its committees—may appear on the Board of Supervisors website or in other public documents that members of the public may inspect or copy.

# ZACKS, FREEDMAN & PATTERSON

A Professional Corporation

235 Montgomery Street, Suite 400 San Francisco, California 94104 Telephone (415) 956-8100 Facsimile (415) 288-9755 www.zfplaw.com

December 2, 2016

## VIA HAND DELIVERY AND EMAIL

Angela Calvillo, Clerk of the Board San Francisco Board of Supervisors 1 Dr. Carlton B. Goodlett Place City Hall, Room 244 San Francisco, CA 941 02 bos.legislation@sfgov.org

Re: Appeal of CEQA Categorical Exemption Determination Planning Case No. 2013.1383ENV Building Permit Application Nos. 2013.12.16.4318 & 2013.12.16.4322 3516-3526 Folsom Street ("Project Site")

Dear Ms. Calvillo:

Enclosed, please find the following:

- 1. Report from Rune Storesund, D.Eng., P.E., G.E. regarding public safety risk;
- 2. Report from retired SFFD Captain Mario Ballard regarding emergency vehicle access;
- 3. Letter from Robert Bea, Professor Emeritus, Center for Catastrophic Risk Management;
- 4. Letter from the Sierra Club, San Francisco;
- 5. Letter from the Bernal Heights Democratic Club;
- 6. Letter from the Bernal Heights Neighborhood Center;
- 7. Emails from Bradford Street neighbors regarding steep-street unusability;
- 8. Report from Patrick Buscovich, S.E.;
- 9. Documentation and information regarding gas-pipeline damage due to tree roots; and
- 10. Seismic guidelines and earthquake hazard maps.

Please kindly include these items with the appeal file.

Thank you.

Very truly yours,

ZACKS, FREEDMAN & PATTERSON, PC

Ryan J. Patterson

Encl.

# Exhibit 1



154 Lawson Road, Kensington, CA 94707 510-225-5389 (cell) email: rune@storesundconsulting.com

December 1, 2016

SF Board of Supervisors San Francisco City Hall 1 Dr Carlton B Goodlett Pl #244 San Francisco, CA 94102

Subject: Independent Project Review

3516 & 3526 Folsom Street San Francisco, California

Dear President Breed and Honorable Members of the Board of Supervisors,

This letter is in response to a request for an independent assessment of the proposed 3516 & 3526 Folsom Street development. My qualifications are presented in the attached resume. I am a practicing Geotechnical Engineer (CA License Number 2855), I provide gas pipeline risk reviews for the State of California Department of Education, and have participated in forensic engineering projects over the last 10 years with damage claims in excess of \$2 billion and more than 8,000 hour of direct forensic analyses. My most recent engagement was a geotechnical forensic evaluation of the March 2014 Oso Landslide in Washington State, which resulted in the tragic loss of 43 individuals. In addition to private consulting, I am the Executive Director of the Center for Catastrophic Risk Management at UC Berkeley.

This geotechnical review is the requested independent assessment and is based on documents included in the Discretionary Review, Full Analysis by San Francisco Planning Department (dated October 4, 2016) as well as a set of geotechnical reports prepared by Mr. H. Allen Gruen (dated August 3, 2013).

The proposed projects are located immediately adjacent to a major PG&E transmission natural gas pipeline (Figure 1, Figure 2, Figure 3). This major pipeline is located immediately below the primary access road for the construction (Figure 4, Figure 5), immediately adjacent to significant proposed new utility work (e.g. gas service, water supply, sewer) as well as removal of existing pipeline soil cover (Figure 6, Figure 7), and immediately adjacent to significant proposed bedrock excavation (depths on the order of 6 to 10 feet per the submitted architectural elevations (such as sheet A-3), as seen in .

Construction-related stressing, as well as accidental 3<sup>rd</sup> party damage, has the potential to degrade the integrity of the PG&E natural gas transmission line, exposing the surrounding neighbors to increased risk of death and injury from the potential of construction-induced puncture or degradation of pipeline integrity.

Unlike lots further west and further east (Gates Street, Banks Street) that are not immediately adjacent to a transmission line, these specific parcels are unique in their proximity to a significant hazard.



Major items of concern include at this particular project site:

- Geotechnical borings do not extend to the proposed depth of excavation, providing information on competence of bedrock and anticipated level of effort to excavate;
- No explicit discussion about induced ground vibrations during rock excavation and associated potential degradation of the PG&E transmission line integrity;
- No explicit discussion about negative impacts of construction traffic to the PG&E transmission line integrity; and
- Significant construction operations immediately adjacent to the active PG&E transmission pipeline.

Given the uncertainties of actual pipe integrity, strong consideration should be given to replacing the segment of pipeline to ensure maximum integrity and minimal exposure of residents to undue injury or death as a result of the anticipated heavy excavation and ground disturbance activities.





Figure 1: Overview of parcels with proposed development. Note that the PG&E transmission line is directly under the primary access.



# Site Photo



View from Bernal Heights Boulevard, near intersection with Folsom Street (Source: Google Maps, July 2015; Accessed March 23, 2016)

Discretionary Review Hearing Case Numbers: 2013.1383DRP-10 & 2013.1768DRP-09 3516 & 3526 Folsom Street

SAN FRANCISCO PLANNING DEPARTMENT

Figure 2: Pipeline marker at Bernal Heights Boulevard.



# Site Photo



View of Folsom Street (looking up to Project Site) (Source: Google Maps, July 2015; Accessed March 18, 2016)

> Discretionary Review Hearing Case Numbers: 2013.1383DRP-10 & 2013.1768DRP-09 3516 & 3526 Folsom Street

SAN FRANCISCO PLANNING DEPARTMENT

Figure 3: Pipeline marker at corner of Folsom & Chapman.



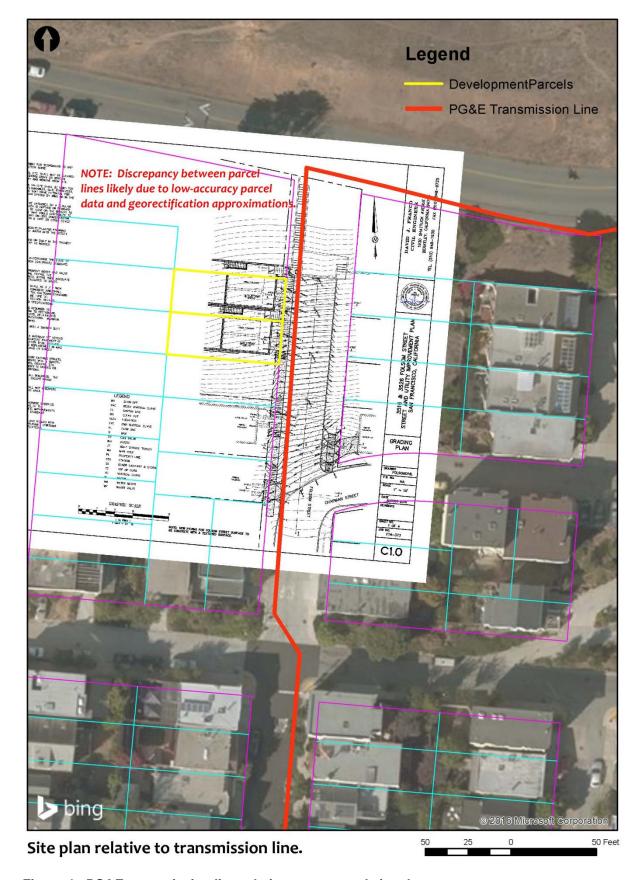


Figure 4: PG&E transmission line relative to proposed site plan.





Figure 5: Approximate PG&E transmission gas line alignment relative to proposed structures.



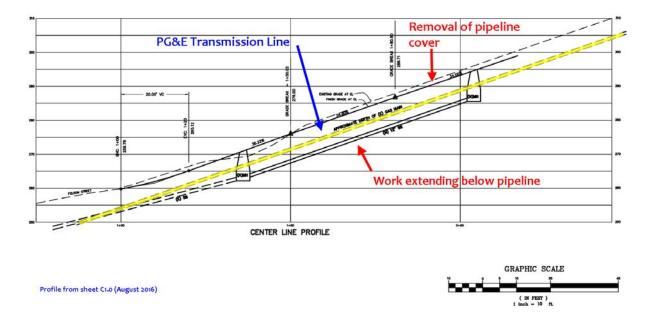


Figure 6: Plans call for removal of pipeline cover as well as construction work <u>below</u> the existing pipeline.

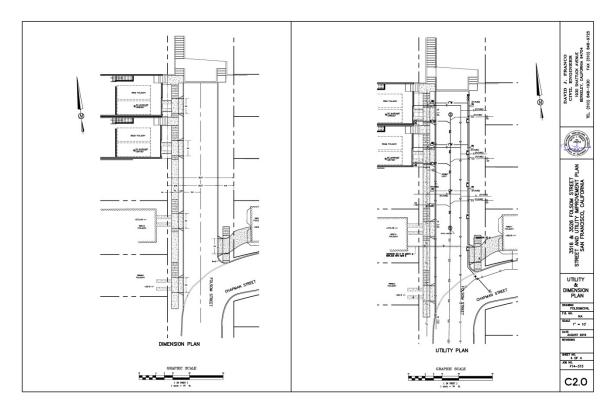


Figure 7: Proposed utilities immediately adjacent to the PG&E transmission line.



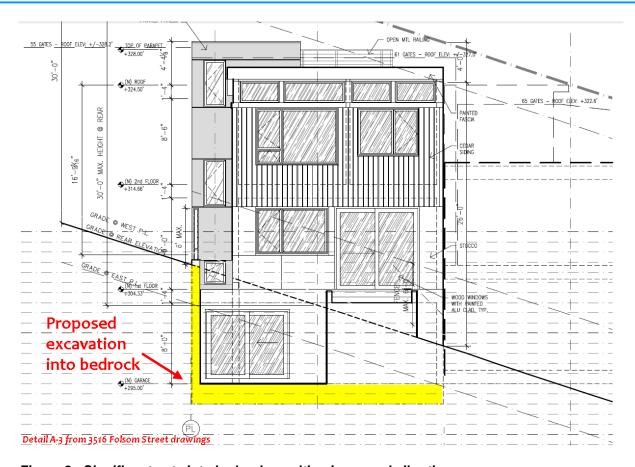


Figure 8: Significant cuts into bedrock resulting in ground vibrations.



No payments for services have been received and no future promises of compensation have been offered.

I reserve the right to update my independent review based on new information.

Please contact me with any questions or comments by phone at (510) 225-5389 or via email at <a href="mailto:rune@storesundconsulting.com">rune@storesundconsulting.com</a>.



Sincerely,

STORESUND CONSULTING

Rune Storesund, D.Eng., P.E., G.E. Consulting Engineer

UC Berkeley Center for Catastrophic Risk Management Executive Director

Attachment Dr. Rune Storesund Resume

## PROFESSIONAL RESUME

Rune Storesund, D.Eng., P.E., G.E. Consulting Engineer

**EDUCATION:** 

D. Eng Civil Engineering, University of California, Berkeley, 2004-2009

(Dissertation: Life-Cycle Reliability-Based River Restoration)

Management of Technology Certificate Program, HAAS, UC Berkeley, 2007

M.S. Civil Engineering, University of California, Berkeley, 2002 (Geotechnical Engineering)

B.S. Civil Engineering, University of California, Berkeley, 2000 B.A. Anthropology, University of California, Santa Cruz, 2000

**QUALIFICATIONS:** 

- California, Civil Engineer, RCE 64473
- California, Geotechnical Engineer, GE 2855
- Louisiana, Civil Engineer, RCE 35034
- Hawaii, Civil Engineer PE-15439
- Washington, Civil Engineer PE 52924
- California Safety Assessment Program Disaster Service Worker
- NAUI Scuba Diver Openwater I (1994)
- Offshore Survival Certification

**EXPERIENCE:** 

Dr. Storesund has 16 years of planning, design, engineering, and construction experience and has worked on a variety of projects throughout California, the United States, and internationally. Dr. Storesund provides consulting services in all aspects of civil, geotechnical, water resources, ecological, restoration, and sustainability engineering projects. His expertise is on the application of reliability and risk-based approaches to engineering projects (with a specialization in environmental restoration and flood control projects) in order to effectively manage project uncertainties. Dr. Storesund has participated in all aspects of engineering projects; from preliminary reviews to detailed analyses to construction observations and post-project monitoring. He provides expert forensic engineering services for geotechnical and civil infrastructure In addition to traditional engineering services, he provides consultations on field instrumentation and monitoring programs as well as Terrestrial LiDAR field survey services. His doctoral research was on life-cycle, reliability-based river restoration.

Dr. Storesund is the Executive Director of UC Berkeley's Center for Catastrophic Risk Management (risk.berkeley.edu). The Center for Catastrophic Risk Management (CCRM) is a group of academic researchers and practitioners who recognize the need for interdisciplinary solutions to avoid and mitigate tragic events. This group of internationally recognized experts in the fields of engineering, social science, medicine, public health, public policy, and law was formed following the tragic consequences of Hurricane Katrina to formulate ways for researchers and experts to share their lifesaving knowledge and experience with industry and government. CCRM's international membership provides experience across cultures and industries that demonstrate widespread susceptibility to pervasive threats and the inadequacy of popular, checklist-based remedies that are unlikely to serve in the face of truly challenging problems.

Dr. Storesund serves as an on-call expert Geotechnical Engineer to the State of California's Department of Consumer Affairs for their annual examination.



## **PROFESSIONAL RESUME**

Rune Storesund, D.Eng., P.E., G.E. Consulting Engineer

PROJECTS:

Projects Dr. Storesund has worked on are listed below:

Environmental Restoration

Louisiana Coastal Protection and Restoration (LACPR): Working with Environmental Defense, Dr. Storesund provided consultation services on proposed coastal restoration efforts in Louisiana, submitted by the United States Army Corps of Engineers (USACE). Dr. Storesund developed planning and design evaluation metrics by which to evaluate the adequacy of the proposed restoration alternatives. Additionally, Dr. Storesund is perfored a technical review of the risk-based design prepared by the USACE.

**Yosemite Slough Restoration:** Dr. Storesund served as a project engineer, providing geotechnical recommendations during design. Project specifications were developed for this restoration project in San Francisco, California. The USACE SPECSINTACT program was used to develop the specifications.

Hamilton Wetland Restoration Project Shaping Contract, Novato, California: Dr. Storesund served as the geotechnical engineer of record for this earthwork project to shape dredge spoils into habitat features. Four areas (North Seasonal Wetland, Wildlife Corridor, Tidal Panne, and South Seasonal Wetland), each having different habitat requirements, were configured as part of the restoration project. A special low-permeability bottom was developed to minimize water infiltration and maximize salt retention in the seasonal tidal areas (habitat feature).

**Redwood Creek, Napa County, California:** Dr. Storesund provided topographic as-built and photographic documentation for this in-stream habitat enhancement project. Boulder features were added to provide channel roughness and resting pools for migrating fish.

**Upper Napa River Restoration Project, Napa County, California:** Dr. Storesund served as the lead engineer providing civil, geotechnical, environmental, hydrological engineering and topographic mapping services for a four-mile stretch of the Napa River south of Calistoga, California. The project was sponsored by the California Land Stewardship Institute.

**Sulphur Creek Monitoring, Hayward, California:** Dr. Storesund is conducting annual geomorphic monitoring (for a total of 10 years) of this completed restoration project in Hayward, California. The project included slope stabilization and installation of habitat features (rock boulders). The monitoring includes surveys (cross-sectional, thalweg) and photo monitoring.

**Kirby Canyon Landfill Mitigation, Santa Clara County, California:** Dr. Storesund provided geotechnical engineering recommendations for this dam removal and creek restoration project. The site is located in a very steep canyon, with high gradients. In addition, the dam had been overtopped during previous storms, resulting in very deeply incised ravines forming (which needed to be backfilled).



**Waldo Point Wetland Restoration, Marin County, California:** This project is a wetland restoration project. Dr. Storesund provided topographic survey and piezometer monitoring services to establish connectivity parameters between San Francisco Bay and the proposed wetland mitigation site.

**Huichica Creek Fish Passage:** A fish-friendly culvert was designed as part of Caltran's Highway 36 widening project in Sonoma County, California. Dr. Storesund developed the conceptual and final designs, project specifications, and project cost estimate.

Great Valley Grasslands, Merced County, California: Dr. Storesund served as the project manager and project engineer for this floodplain reconnection project at the Great Valley Grasslands State Park. His evaluations consisted of a site reconnaissance, erosion/scour susceptibility screening, and hydraulic analysis of inundation through a series of existing culverts.

**Pond 1 Restoration, Mountain View, California:** Storesund Consulting performed a topographic survey of existing conditions to develop a base map for grading to alter onsite flood discharge to minimize inundation times (and prevent die-off of vegetation due to temporary storm water retainage). We developed grading plans, specifications, performed construction staking and performed an as-built survey using Terrestrial LiDAR methods.

**ECCC Souzal, Antioch, California:** Storesund Consulting performed a high-resolution RTK GPS survey of this wildlife area in order to generate a detailed topo to evaluate micro-watersheds for vernal pool development.

Hess Creek Restoration, Clayton, California: Storesund Consulting performed a high-resolution RTK GPS survey of this incised creek stretch to be restored. The survey results were integrated with available aerial LiDAR topography. We also provided geotechnical recommendations for the restoration plans.

Rancho San Vicente, New Almaden, California: Storesund Consulting provided geotechnical recommendations for this restoration project which involved the removal/stabilization of 16,000 CY of earthen fill dumped into a ravine on County Park Land. The recommendations involved environmental contamination, grading operations, temporary haul roads, slope stability, and earthwork.

**Port of Richmond, Operable Unit 2:** Dr. Storesund provided geotechnical design on this environmental remediation and restoration project within the Port of Richmond. The mitigation consisted of a subaqueous cap (comprised of Bay Mud) in the inlet, installation of rip-rap along the shoreline revetment zone, and installation of a concrete facing and asphalt concrete cap to isolate in place sediments.

**Port of Oakland, Operable Unit 2:** Dr. Storesund provided geotechnical design support services to Land Marine Geotechnics on this reclamation and restoration project within the Port of Oakland. Dredged spoils were used to abandon a deep-draft U.S. Navy pier at the Port of Oakland.



Storm Water Pollution Prevention Plans Oakley Civic Center Frontage Improvements, State Route 4, Oakley, California: A SWPPP was prepared for this widening project in Oakley. The existing Main Street in the project limits has two westbound lanes and one lane eastbound. The project added pavement, roadway entries/exits, curb, gutter and sidewalks on the south side of Main Street, as well as street lights along both sides of Main Street.

Brentwood Boulevard Widening and Reconstruction From Woodfield Lane to Central Boulevard, Brentwood, California: A SWPPP was prepared for this project which widens the current Brentwood Boulevard (State Route 4) between Woodfield Lane and Central Boulevard from the existing geometry of a three-lane with two way left turn lanes to a four-lane roadway with a raised landscape median and turn pockets at intersections. Project demolition included removal of curb and gutter, sidewalk sections, damaged pavement sections, and removal of select trees.

Mainstreet Roadway Improvement Plans for Subdivision 8916, Oakley, California: A SWPPP was prepared for this roadway improvement project in Oakley, California. The project added pavement curb & gutter and sidewalk to the west side of the existing roadway in order to facilitate future addition of a second eastbound lane.

Sand Creek Road Intersection Improvement Project, Brentwood, California: A SWPPP was prepared for this project which expands an existing intersection and widens the roadway. The project added pavement, curb & gutter, and sidewalks.

Sausalito Yacht Harbor, Sausalito, California: Dr. Storesund developed a design for treatment of storm water runoff in the large parking lot adjacent to the Sausalito Yacht Harbor as part of a bulkhead wall replacement project. The design involved the installation of a permeable rock infiltration zone under a walkway area. This infiltration area was designed to treat storm water runoff before it enters Richardson Bay.

Flood Control

California Rural Levee Repair Criteria Committee: This advisory committee was charged with developing rural levee repair and improvement criteria to be applied for planned or emergency work. The group worked in conjunction with DWR, interested stakeholders, and USACE. Dr. Storesund provided engineering (seismic, geotechnical marine, ecological, water resources) and risk-based decision making input to this group. This committee was active between 2012 and 2014.

**USACE West Sacramento Flood Control Project, West Sacramento, California:** Dr. Storesund served as a field engineer responsible for field construction quality control program, which consisted of sand cone density testing, nuclear gauge density testing, associated geotechnical laboratory testing, and issuing a final services during construction report.



Warm Springs Dam Control Structure Study, Sonoma County, California: Dr. Storesund served as the project manager and project engineer for this crack evaluation study for the San Francisco US Army Corps of Engineers. The study was performed in conjunction with PB. The vertical control structure for Warm Springs Dam suffered from water infiltration due to cracking of the concrete control structure. A LiDAR imaging and visual observation mapping was conducted of the cracks. Repair recommendations and cost estimate were provided to the US Army Corps of Engineers.

Las Gallinas Coastal Inundation Study, Marin County, California: Dr. Storesund served as a project engineer for this study (for the San Francisco US Army Corps of Engineers) that evaluated overtopping conditions during storm events for an existing flood protection system. Dr. Storesund developed a GIS terrain and inundation maps based on overtopping analyses.

Upper Penitencia Creek, Subsurface Geotechnical Exploration, Santa Clara County, California: Dr. Storesund served as the project engineer for this United States Corps of Engineers project which consists of on-land, subsurface geotechnical exploration along a portion of Upper Penitencia Creek. The requested services include drilling, sampling, field classification, laboratory testing, and Unified Soil Classification System (USCS) for soil borings at select locations along the creek alignment. The purpose of the soil borings was to provide subsurface data for the preliminary design of flood control structures, such as levees, floodwalls, culverts, and weirs along Upper Penitencia Creek. Dr. Storesund coordinated and managed Fugro's field operation exploration program that consisted of 22 soil test borings. Following the field exploration, Dr. Storesund managed the QA/QC review of all field and laboratory data. Dr. Storesund also managed the data report preparation.

Geotechnical Study Northern Borrow Area, Bulge And Pacheco Pond Levees, Hamilton Wetlands Restoration Area, Novato, California: Dr. Storesund served as the project engineer for this project which consisted of a geotechnical study for the Bulge and Pacheco Levees located in the Hamilton Wetlands Restoration Area. The project site is situated at the former Hamilton Army Air Field in Novato, California. The purpose of the geotechnical field exploration and laboratory testing program was to obtain information on subsurface conditions in the Northern Borrow Area in order to estimate the amount and nature of potential borrow material. The scope of services performed included:

- Conducting a field exploration program consisting of 18 test pits to determine the subsurface profile in the Northern Borrow Area;
- Conducting a laboratory testing program to obtain soil properties of the samples collected during our field exploration; and
- Preparing this geotechnical report presenting the results of our geotechnical field exploration, laboratory testing program, and a discussion of the exploration results.
- Specified development / review



**USACE San Lorenzo Flood Control, Santa Cruz, California:** Dr. Storesund served as a field engineer responsible for field density testing, performing associated geotechnical laboratory testing, and issuing a final services during construction report for this levee project in Santa Cruz.

**USACE Napa River Flood Protection, Napa, California:** Dr. Storesund served as a field engineer responsible for field density testing, performing associated geotechnical laboratory testing, and issuing a final services during construction report for this levee project in Napa.

Codornices Creek Restoration Project, Between Fifth and Eighth Streets, Albany and Berkeley, California: Dr. Storesund served as the project engineer for this geotechnical study. The purpose of this project is to restore the existing Codornices Creek, located between the City of Albany and the City of Berkeley, to a more natural setting using bioengineering and biotechnical methods. Dr. Storesund was responsible for the geotechnical field exploration and laboratory-testing program. The scope of our services included: Compiling and reviewing available geotechnical and geologic data; conducting a field exploration and laboratory-testing program; evaluation of slope stability and erosion susceptibility; development of embankment fill recommendations and general construction considerations; and preparing a final geotechnical report that included the results of our geotechnical field exploration and laboratory testing program, discussion of geotechnical issues, and geotechnical recommendations

Water Storage Reservoirs Napa, Sonoma, and Lake Counties, California: Provided engineering design recommendations and construction observations services for water storage reservoirs for various agricultural clients. Reservoirs are off-stream, agricultural purpose reservoirs or are on-stream reservoirs with embankment heights less than 25 feet and store less than 50 acre-feet. Thus, the reservoirs are not within the jurisdiction of the California Department of Dam Safety (DSOD). Projects include construction of earth embankments and placement of either low permeability compacted soil liners or installation of geosynthetic liner systems.

- Brooks Reservoir, Napa County, California: 2.5 acre-foot, off-stream water storage reservoir formed by constructing three earthen embankments and lined with a geosynthetic liner.
- Platt Reservoir, Sonoma County, California: An off-stream reservoir formed by constructing a compacted earthen embankment with onsite soils. The reservoir was lined with a geosynthetic liner. The project included installation of an underdrain system to preclude the "floating" of the synthetic liner if the reservoir is drained during periods of high groundwater as well as a cut slope drain to intercept hillside groundwater flows. Dr. Storesund was also responsible for issuing a final services during construction report for the project.



- Mondavi Dutra Dairy Reservoir, Napa County, California: Dr. Storesund served as a field engineer responsible for embankment keyway inspections, field density testing, and concrete placement quality control during the enlargement of this reservoir in Napa County. Dr. Storesund was also responsible for issuing a final geotechnical services during construction report for the project.
- Amber Knolls Reservoir, Lake County, California: Dr. Storesund served as a field engineer responsible for embankment keyway inspections, field density testing, and concrete placement quality control during the construction of this reservoir in Lake County. Dr. Storesund was also responsible for issuing a final geotechnical services during construction report for the project.
- Red Hills Reservoir, Lake County, California: Dr. Storesund served as a field engineer responsible for embankment keyway inspections, field density testing, and concrete placement quality control during the construction of this reservoir in Lake County. Dr. Storesund was also responsible for issuing a final geotechnical services during construction report for the project.
- Chimney Rock Vineyard, Napa County, California: Dr. Storesund served as a field engineer responsible for embankment keyway inspections and field density testing during the construction of this reservoir in Napa County.
- Hershey Vineyard Reservoir, Sonoma County, California: Dr. Storesund served as a staff engineer responsible for generating design recommentions and issuing of a final geotechnical design report for this reservoir project in Sonoma County.
- **BV Reservoir No. 10 Rehabilitiation, St. Helena, California:** Dr. Storesund served as a field engineer responsible for the execution of the field investigation program and issuance of a final geotechnical design report for this reservoir rehabilitation project in St. Helena.

Off-Stream Storage Projects (Sonoma and Santa Clara Counties, California): Dr. Storesund worked in close conjunction with the Center for Ecosystem Management and Restoration (CEMAR) and Trout Unlimited (TU) on a number of off-stream water storage reservoir projects, designed to help landowners manage water resources in a manner that balances water use with habitat and minimum required in-stream flows for listed coho salmon and steelhead trout. These projects include:



- Grape Creek Streamflow Stewardship Project, Healdsburg, California: Dr. Storesund served as the project manager and project engineer for this off-stream reservoir storage project, providing all aspects of engineering planning (permit assistance, conceptual layouts), design (site geotechnical exploration and survey, analyses, development of plans, specifications, and estimates), and construction oversight during construction. The Grape Creek Streamflow Stewardship Project (GCSSP) is a cooperative project designed to help landowners manage water resources in a manner that balances water use with habitat and minimum required in-stream flows for listed coho salmon and steelhead trout. An existing flashboard dam and containment berm was replaced with a new reservoir adjacent to the creek to allow passage of river flows while providing the farmer with an agricultural water supply.
- Little Arthur Creek Streamflow Stewardship, Healdsburg, California: Dr. Storesund served as the project manager and project engineer for this off-stream reservoir storage project, providing all aspects of engineering planning (permit assistance, conceptual layouts), design (site geotechnical exploration and survey, analyses, development of plans, specifications, and estimates), and construction oversight during construction. The Little Arthur Creek Streamflow Stewardship Project (LACSSP) is a cooperative project designed to help landowners develop water supply security in a manner that improves in stream flows and habitat for listed steelhead trout.
- Pescadero Creek Streamflow Stewardship, Healdsburg, California: Dr. Storesund served as the project manager and project engineer for this off-stream reservoir storage project, providing all aspects of engineering planning (permit assistance, conceptual layouts), design (site geotechnical exploration and survey, analyses, development of plans, specifications, and estimates), and construction oversight during construction. The Pescadero Creek Streamflow Stewardship Project is a cooperative project designed to help landowners develop water supply security in a manner that improves in stream flows and habitat.

Whitethorn Elementary School Auxiliary Water Storage System, Whitethorn, California: Dr. Storesund served as the principal engineer on this conservation project performed in collaboration with Trout Unlimited and Sanctuary Forest. The project entailed installation of sixteen 5,000 gallon water tanks so that the school could divert water during wet months. Dr. Storesund performed the permitting, planning, engineering, construction bid documentation, and review services.

Residential

**MLK Plaza Homes, Oakland, California:** Dr. Storesund provided field density testing services for this low income housing project in Oakland. The project consisted of constructing thirteen new two-story residential structures at the site as well as associated improvements.



Standard Pacific Homes' Dublin Ranch, Dublin, California: Dr. Storesund served as a field engineer for this residential development in Dublin, observing mass grading operations, performed field density tests on housing pads, roadways, utility trenches, special inspections on rebar placement, concrete placement, post-tensioning, and performed related geotechnical laboratory testing. Dr. Storesund was also responsible for inspection and evaluation of erosion control systems in place during mass grading operations.

**Palomares Hills, San Anselmo, California:** Dr. Storesund served as a field engineer providing construction observations and field density testing during construction of retaining walls for this residential development.

**Lund Ranch Creek, Pleasanton, California:** Dr. Storesund provided construction observation services during a creek restoration project located within the Lund Ranch Creek residential development in Pleasanton. The restoration project involved bank erosion mitigation through placement of rock rip rap.

**University Avenue Housing, Berkeley, California:** Dr. Storesund served as a field and project engineer for this multi-unit residential housing project. An existing Salvation Army structure and parking lot were demolished and replaced with the new housing structure. Dr. Storesund performed the field exploration, engineering analyses, foundation recommendations, and prepared the final geotechnical design report.

The Estates at Happy Valley, Sun City, Arizona: Dr. Storesund served as a field engineer responsible for the execution of a field investigation program, which involved hollow stem auger drilling and geotechnical sampling for this mass grading residential development project in Sun City.

Children's Hospital Oakland Upgrade, Oakland, California: Dr. Storesund served as a staff engineering providing pipeline thrust block design recommendations for this facility upgrade project in Oakland.

Bessie Carmichael School, San Francisco, California: Dr. Storesund served as a staff engineer providing drilled pier design recommendations for this new school situated between the existing Saint Michael Ukrainian Orthodox Church and the Vineyard Christian Fellowship Church in San Francisco. It is three-story structure with a total footprint area of approximately 24,000 square feet. The facility features a single-story gymnasium and multi-purpose room with an elevated roof, a central courtyard area, and an asphalt-paved playground adjacent to the school building.

**Blue Oaks School, Napa, California:** Dr. Storesund served as a field engineer for this school renovation project in Napa. The field services consisted of field density testing on pavement subgrades and base rock.

Vista College Facility, Berkeley, California: Dr. Storesund served as a field engineer responsible for logging test pits to identify the foundations for existing structures surrounding the project site. The facility upgrade consisted of a new six to eight-story building for Vista College on the south side of Center Street, between Shattuck Avenue and Milvia Street in Berkeley. Excavations on the order of 15 to 20 feet were required to construct the basement level. The new foundations consisted of 36-inch diameter drilled piers with lengths from 50 to 70 feet.

Educational



New Alameda Elementary School, Alameda, California: Dr. Storesund served field as a field engineer responsible for the execution of the field exploration for this project. The new school will consist of classroom buildings and multi-use buildings. The scope of work for this investigation included a site reconnaissance by a State of California Certified Engineering Geologist, subsurface exploration utilizing both exploratory borings and Cone Penetration Testing, laboratory testing, engineering analyses of the field and laboratory data, and preparation of this report. The data obtained and the analyses performed were for the purpose of providing design and construction criteria for site earthwork, building foundations, slab-on-grade floors, retaining walls and pavements.

**Ocean Branch Library, San Francisco, California:** Dr. Storesund served as a staff engineer responsible for generating foundation recommendations for this new library structure in San Francisco.

**Clear Channel Outdoor, Oakland, California:** Dr. Storesund served as a staff engineer responsible for providing drilled pier design recommendations for this outdoor billboard structure. The proposed billboard structure was supported by four 24-inch diameter, 3/8-inch thick hollow steel pipe columns.

**JB Radiator Complex, Sacramento, California:** Dr. Storesund provided geotechnical recommendations for foundation grading for a new storage tank at a site with expansive soils.

**Linde Processing Facility, Richmond, California:** Dr. Storesund performed a field exploration program (CPT) to characterize onsite soil conditions and provided foundation design recommendations for new infrastructure developments at the property.

Moraga Country Club Landslide Mitigation, Moraga, California: Dr. Storesund served as a field engineer for three landslide mitigation projects at the Moraga Country Club. Dr. Storesund provided field density testing services and general construction observations. He was responsible for summarizing the field data and issuing a construction report.

Moss Landing Powerplant, Moss Landing, California: Dr. Storesund served as a field engineer for this power plant upgrade project in Moss Landing. Dr. Storesund provided construction observations auger cast pile installation for the main generating structure and piezometer monitoring during the construction and dewatering of the water cooling intake structure.

Coliseum Lexus Dealership, Oakland, California: Dr. Storesund served as a staff engineer responsible for generating foundation design recommendations and issuing the final geotechnical report for this dealership in Oakland.

**Infiniti of Oakland Dealership, Oakland, California:** Dr. Storesund served as a field engineer responsible for the implementation and execution of the field investigation program for this project which consisted of advancing three cone penetration tests (CPTs). In addition, he was also responsible for generating foundation design recommendations and issuing a final geotechnical design report.

**Sho\*Ka\*Wah Casino Bridge, Hopland, California:** Dr. Storesund served as a field engineer for this bridge and parking lot and suspension bridge project in Hopland. Dr. Storesund provided concrete sampling, keyway inspection, and field density testing services during construction.

#### Commercial



**Anthropologie - Berkeley, Berkeley, California:** Dr. Storesund served as a field engineer responsible for executing the field exploration program for this structural upgrade project in Berkeley. Dr. Storesund was also responsible for the issuing of a final geotechnical design report

**2150 Shattuck, Berkeley, California:** Dr. Storesund served as a field engineer for this seismic retrofit project in Berkeley. Dr. Storesund was responsible for the monitoring of micropile installation and load testing. He was also responsible for quality control of the injected micropile grout.

**Bayer Building 55, Berkeley, California:** Dr. Storesund served as a field engineer responsible for field density testing services during construction for this new commercial facility in Berkeley.

Chino Bandito, Chandler, Arizona: Dr. Storesund served as a field engineer responsible for the execution of the field investigation program, which involved hollow stem auger drilling and geotechnical sampling for this 11,500 square foot commercial development project in Chandler.

150 Powell Street, San Francisco, California: Dr. Storesund served as the project manager and project engineer for this structural renovation project near Union Square. The historic building required the façade structure to be saved and incorporated into the new structure. Dr. Storesund developed and implemented an exploration program that involved test pits to expose and evaluate the condition of spread footings. Foundation design services were also provided for temporary construction features (tieback walls, support frame for façade) and permanent features (foundations) as well as support and observation services during construction.

**390 Fremont Street, San Francisco, California:** Dr. Storesund provided geotechnical engineering support to a property owner adjacent to a high-rise construction project that involved installation of a shoring system, excavation to a depth of 70 ft, excavation of soil and bedrock, and development and evaluation of a monitoring program during the excavation activities.

Waterfront and Offshore Facilities

California Tsunami Hazard Policy Committee: The California Tsunami Policy Working Group (CTPWG) is a voluntary advisory body operating under the California Natural Resources Agency (CNRA), Department of Conservation, and is composed of experts in earthquakes, tsunamis, flooding, structural and coastal engineering and natural hazard policy from government, industry, and non-profit natural hazard risk-reduction organizations. The working group serves a dual purpose as an advisor to State programs addressing tsunami hazards and as a consumer of insights from the SAFRR Tsunami Scenario project, raising awareness and facilitating transfer of policy concepts to other coastal states in the nation. CTPWG's role is to identify, evaluate and make recommendations to resolve issues that are preventing full and effective implementation of tsunami hazard mitigation and risk reduction throughout California's coastal Dr. Storesund provided engineering (seismic, geotechnical communities. marine, ecological, water resources) and risk-based decision making input to this group. This committee was active between 2011 and 2013.

**Emeryville Shoreline Protection Project, Emeryville, California:** Dr. Storesund was a project engineer overseeing the construction of this shoreline improvement project. Site grades were raised 2-4 feet above existing grade and an enlarged shoreline breakwater slope was constructed.



Alcatraz Hydrodynamic Evaluation, City and County of San Francisco, California: Dr. Storesund was the project manager and project engineer for this coastal hazard screening evaluation at Alcatraz. The purpose of the screening was to inform long-range planning activities, accounting for shoreline erosion and sea level rise. The recommendations were provided to the National Park Service, in association with Kleinfelder.

**Emeryville Marina Breakwater, Emeryville, California:** Dr. Storesund was a project engineer responsible for the planning and execution of a field exploration and geotechnical laboratory testing program for this breakwater and pier project in Emeryville. Dr. Storesund also completed the geotechnical design recommendations and issued the design report.

**Nelson's Marine Shoreline Stabilization, Alameda, California:** Dr. Storesund served as the project manager and project engineer for this shoreline stabilization and remediation project at an abandoned boat yard within the Oakland Estuary. The project required an alternatives analysis (approach and cost estimate), decision matrix, development of remediation plans, specifications, and estimates. Field efforts included site surveys (RTK GPS) and geotechnical exploration.

**Seadrift Shoreline Study, Stinson Beach, California:** Dr. Storesund served as a project engineer and performed a site characterization study (based on historical topographic maps and aerial photographs), conducted hydrodynamic characterization, and aided with the design of the extension of an existing sheet pile bulkhead system along Bolinas Lagoon.

Loch Lomond Breakwater Improvement Project, San Rafael, California: Dr. Storesund was the project manager and a project engineer for the improvement of an existing 1,500 foot long rip rap breakwater structure. He performed a hydrodynamic evaluation during the planning phase to establish design criteria, managed the project (preparation of project plans, specifications, and estimates), and provided civil and geotechnical engineering expertise.

Harbor Point Shoreline Stabilization Project, Tiburon, California: Dr. Storesund served as a project engineer and performed a site characterization study (based on historical topographic maps and aerial photographs), conducted hydrodynamic characterization, and aided with the design of a shoreline stabilization solution.

Martin Luther King Jr. Drive Shoreline Study, Bay farm Island, California: Dr. Storesund served as the project manager and project engineer for this Bay Trail feasibility study for the East Bay Regional Park District (teamed with Creegan D'Angelo Engineers). Dr. Storesund prepared a screening-level coastal engineering guidance document and technical review of alternative plan elements.

**Richmond Marina Breakwater Improvements, Richmond, California:** Dr. Storesund served as a support staff engineer for this breakwater improvement project in Richmond. The project entailed wave and tide surveys, wind pattern evaluations, and preliminary foundation recommendations to upgrade an existing breakwater structure.



**Third Street Boat Ramp, Lakeport, California:** Dr. Storesund was a staff engineer responsible for organizing and performing the geotechnical exploration for this public boat ramp improvement project in Lakeport.

**Dow Chemical Wharf, Pittsburg, California:** Dr. Storesund was the project manager and a project engineer for the evaluation of an existing wharf to evaluate its ability to accommodate larger supply ships. After the initial review, Dr. Storesund was responsible for the development of alternatives, preparation of project permits, design of a new mooring system (including specifications and cost estimate), and construction observations and load testing.

Alviso Marina County Park, Alviso, California: Dr. Storesund served as a field engineer responsible for the implementation of Fugro's geotechnical exploration for the Alviso Marina County Park, Phase 1 Master Plan Implementation Project in Alviso. The geotechnical exploration consisted of two test borings, two Cone Penetration Tests (CPTs). Fugro evaluated the geotechnical conditions for the design and construction of the new parking area, a planted mound area (which includes the placement and compaction of up to 5 feet of engineered fill), and a 24-inch high by 18-inch wide flood control wall.

**Brooklyn Basin Dredging Study, Oakland, California:** Dr. Storesund served as the project manager for this maintenance dredging study commissioned by the San Francisco US Army Corps of Engineers to URS Corporation.

Pipelines and Water tanks

**NCFCWCD South Segment Sewer Replacement, Napa, California**: Dr. Storesund served as a field engineer, observing construction of a 54-inch to 66-inch diameter sanitary sewer line in Napa. The project, separated into two segments, realigned and replaced approximately 4,500 lineal feet of mainline sewer outside the river flood plain as part of the Napa River Project. Construction observations pertained to pressure grouting ground improvement, pipeline subgrade inspections, pipe bedding and backfill observations, trench backfill density testing, AC pavement density testing, concrete sampling, pipe segment seal testing, and observations of lightweight concrete backfill of old sewer line.

**PG&E Line 131 Pigging Project, Alameda County, California:** Dr. Storesund served as field engineer, coordinating and conducting geotechnical exploratory test pits for a new PG&E maintenance access facility to service two 18-inch, high-pressure, gas mains. Site improvements included an enlarged access road and maintenance pad, rock cut slopes, and minor pipeline realignment.

**Newby Island Gas Transmission Pipeline, Milpitas, California:** Dr. Storesund served as a field engineer providing construction observations on trench backfill operations on a landfill methane gas recovery pipeline installed at the base of an existing Santa Clara County Flood Control Levee. Trench backfill consisted of lightweight concrete slurry, designed to isolate the installed pipeline and protect the structural integrity of the existing levee system.



**South Transmission System Project Tanks, Sonoma County, California:** Dr. Storesund served as a field engineer during the geotechnical exploration of this project. Seven water tank sites were evaluated during the field operations. Geotechnical explorations included seismic refraction studies, vertical soil borings, and geologic reconnaissance mapping.

Girard Vineyard, 50k Gallon Water Tank, Napa County, California: Dr. Storesund served as a field engineer during the geotechnical exploration of this project. Two tank sites were evaluated during the field operations by excavating test pits. Site-specific foundation design recommendations were generated.

Granada Sanitary District CIP, San Mateo County, California: Dr. Storesund organized and performed the field exploration for this project which consisted of "jack and bore" operations under Highway 1 in Granada. Engineering foundation design recommendations were generated for temporary shoring required during the construction process.

Earthquake Fault Explorations **North Livermore Properties, Livermore, California:** Dr. Storesund served as a support field engineer for the project geologist on this fault rupture hazard study in Livermore. Tasks included geologic mapping, study of stereo-paired aerial photographs, and an extensive fault trenching investigation. Dr. Storesund was responsible for the setup of the fault trench shoring and dewatering pumping system design. Dr. Storesund also assisted the project geologist in field logging the excavated fault trench.

**Centex Homes' Farber Property, Livermore, California:** Dr. Storesund served as a field engineer, assisting the project geologist, for a fault rupture hazard study for a proposed residential development located within the Alquist-Priolo Special Studies Zone for the Greenville Fault. The investigation included excavation and detailed logging of two trenches, totaling over 800 feet in length.

Alameda County Sherriff's Facility Landslide Assessment, Hayward, California: Dr. Storesund served as a field engineer providing assistance during the fault trenching phase of the field investigation. The project involves demolishing the existing Animal Control Facility and constructing a new 160,000 square foot building that will include facilities for the Sheriff and Coroner and a parking garage for about 500 cars. The proposed building will be a multi-level structure, and the garage will extend one or two levels below grade. The structure will be a critical facility and must remain operational following an earthquake. Other improvements will include driveways, a visitor's parking lot, underground utilities and landscaping. Preliminary schematics suggest that the facility will occupy the entire 4-acre site. The project included evaluating potential landslide and surface fault rupture hazards at the site.

Osgood Road Fault Trench, Fremont, California: Dr. Storesund served as the project manager responsible for the organization and implementation of backfill operations on a fault rupture hazard study for a proposed new PG&E gas main alignment in Fremont within a BART right-of-way zone. A total of three trenches (totaling approximately 350 linear feet and 12 feet deep) were excavated and backfilled according to BART specifications.



**Dumbarton Quarry and Associates, Hayward, California:** Dr. Storesund served as a support field engineer for the project geologist on this fault rupture hazard study project at the La Vista Quarry in Hayward. Tasks included geologic mapping, study of stereo-paired aerial photographs, and an extensive fault trenching investigation. Dr. Storesund was responsible for the setup of the fault trench shoring and dewatering pumping system design. Dr. Storesund also assisted the project geologist in field logging the excavated fault trench

**LBL-50X AP Fault Study, Berkeley, California:** Dr. Storesund acted as a field engineer for the fault location study for a proposed 6-story building to be constructed on a steep hillside within the State designated Fault Rupture Hazard Zone for the active Hayward Fault. The steep, vegetated slope made excavation of continuous trenches difficult and numerous trenches had to be excavated to provide appropriate coverage. No evidence of active or potentially active faulting was encountered in the trenches.

Transportation

Caltrans I-238 Widening Project, Alameda County, California: Dr. Storesund served as both a field engineer responsible for the coordination and implementation of the field investigation program and a staff engineer performing design calculations and analyses. The I-238 project includes the widening of the freeways and related replacement or improvement of existing connectors, overcrossings, and railroad underpasses. Existing embankments are to be widened which requires installation of concrete and MSE retaining wall. Field investigations performed for the project included an extensive subsurface exploration program utilizing continuous flight solid and hollow stem augers, rotary wash borings and Cone Penetration Test (CPTs) soundings. In addition, available subsurface data from previous investigations was reviewed as were published geologic and soil survey data. The field exploration program was complemented with geotechnical laboratory testing. Following completion of the field investigation and laboratory testing, analyses were performed to evaluate geotechnical engineering aspects of project, particularly settlement and liquefaction hazard studies.

Caltrans I-880/Mission Boulevard Widening Project, Alameda County, California: Dr. Storesund served as a support staff engineer for the I880/Mission Boulevard Widening Project. The project involved over 100 test borings, geotechnical laboratory analyses, engineering foundation design recommendations, flexible pavement design, and seismic design criteria for five roadway bridges and one railroad bridge. Other improvements included: a cut and cover tunnel box, box culverts, retaining walls, and ancillary structures.

Caltrans Guadalupe Highway 87 Renovation, San Jose, California: Dr. Storesund served as a field engineer providing AC pavement density testing Quality Control services during the construction phase of this project. The project included widening of the existing Highway 87, construction of a new overpass over Highway 101, and other retaining walls and street improvements.



Port of Oakland's Oakland Airport Expansion, Oakland, California: Dr. Storesund served as a field engineer for this roadway widening and expansion project, providing construction observations and testing services for, utility trench backfill compaction testing, roadway subgrade and base rock density testing, AC pavement testing, and concrete sampling. The project consisted of the construction of new roadway over and underpasses, roadway widening, and utility upgrades.

**Petaluma Transit Mall, Petaluma, California:** Dr. Storesund was the project engineer for this streetscape project in Petaluma who was responsible for the organization and execution of the field exploration program as well as generating design recommendations. The proposed streetscape improvements included sidewalks, PCC and AC pavements, information kiosks, and lighting standards.

**Reid-Hillview Airport, San Jose, California:** Dr. Storesund was the field engineer for this runway rehabilitation project. Dr. Storesund was responsible for quality control observations related to pavement section construction.

**Nut Tree Airport, Fairfield, California:** Dr. Storesund was a field engineer for this runway rehabilitation and expansion project in Fairfield. Dr. Storesund was responsible observations during new runway grading operations, pavement section construction, and provided support during asphalt content laboratory analyses.

### First Street Bridge Replacement Project, Napa, California:

Dr. Storesund served as the project engineer for this project which involved the First Street Bridge Replacement Project located in Napa, California. Dr. Storesund coordinated and managed Fugro's field operation exploration program, performed the field exploration, analyzed the collected data, and provided a preliminary geotechnical design report.

Independent Technical Reviews (ITR) Pier 36/Brannan Street Wharf Demolition, City and County of San Francisco, California: Dr. Storesund served as the project manager and project engineer for this technical review (on behalf of the San Francisco District US Army Corps of Engineers), which consisted of a geotechnical evaluation of submitted calculations and plans. The project entails the demolition of an existing wharf to make room for the construction of a new public open space wharf and associated boating facilities.

Hamilton Wetland Restoration Levee Raising Project, Novato, California: Dr. Storesund served as a project engineer for this technical review (on behalf of the San Francisco District US Army Corps of Engineers), which consisted of a geotechnical evaluation of submitted calculations, plans, and specifications. The project entails the raising of existing flood protection levees to account for settlements (experienced and anticipated) to the levees.

Marysville Unified School District Pipeline Review, Marysville, California: Dr. Storesund, as part of CCRM, performed a review of a natural gas pipeline risk assessment (per California Department of Education protocols) for the Marysville Unified School District.



Twin Rivers Unified School District Pipeline Review, Sacramento, California: Dr. Storesund, as part of CCRM, performed a review of a natural gas field risk assessment (per California Department of Education protocols) for the Twin Rivers Unified School District.

Milford Township School District Pipeline Review, Milford, Pennsylvania: Dr. Storesund, as part of CCRM, performed a review of a natural gas field risk assessment for the Milford Township School District on the citing of a new school.

Princeville, North Carolina Flood Risk Management Feasibility Study Integrated Feasibility Report and Environmental Assessment: Dr. Stroresund served as an expert reviewer for this USACE IEPR for the proposed Princeville flood protection improvement project. The tentatively selected plan (TSP) included measures to extend the existing levee and raise U.S. Highway 258 and Shiloh Farm Road north of the Town of Princeville to create a barrier to circumvention of the existing levee, as well as ramping residential, farm, and commercial driveways and subdivision streets to meet the new elevation. The TSP also includes non-structural measures consisting of an updated flood warning and evacuation plan, continued floodplain management and updating of local building and zoning codes, a flood risk management education and communication plan for both the community and local schools, and flood warning measures, all of which were ultimately deemed essential to an adequate flood risk management strategy for the Town of Princeville. The estimated cost of the TSP is \$21.096.00 million.

**Risk Assessments** 

**Multiple Lines of Defense, Coastal Louisiana:** Dr. Storesund worked in conjunction with the Lake Pontchartrain Basin Foundation to conduct an initial qualitative risk assessment of the hurricane flood protection system in the greater New Orleans area. The assessments follow the Quality Management Assessment System (QMAS) protocols. The assessment provides the basis for initial definition of the system, stakeholders, and identifies primary Factors of Concern. This assessment is the pre-cursor to detailed quantitative risk assessments.

Tsunami Risk-Based Design Committee, Northern California: Dr. Storesund is the Chair of this committee, sponsored by the ASCE San Francisco Section. The aim of the Working Group is to accomplish the following: (1) Formulate a group of appropriate stakeholders (local, county, state, federal levels); (2) Conduct a summary of 'best practices' and available resources (perhaps through a series of workshops) (a) Risk standards (b) Hazard studies (reports, maps, etc) (c) Design standards; (3) Develop Policy Statement (goals based on best practices and available info); and (4) Develop Guidelines for Risk-Based Tsunami Design Criteria in Coastal California.



**PG&E Risk Management Framework Assessment:** Dr. Storesund served as the project manager on an assessment committee to provide insights on their risk management framework. The insights included: (a) is the right RMF being used for the stated goals?; (b) are all significant RMR relationships being captured?; (c) strategies for visualizing and mapping risk; (d) identifying the 'right' risks and prioritizing; and (e) RMF resilience and maturity. Potential actionable outputs include: (1) reference practices (organizational examples); (2) listing of RMF activities to expand and advance; (3) listing RMF activities to modify/reconfigure; and (4) RMF performance metrics (i.e. targeted monitoring and review, leading/lagging indicators).

#### **Forensic Evaluations**

Bayer Communications Building, Berkeley, California: Dr. Storesund served as the field engineer to survey and evaluate settlements in the Bayer Communications Building, which was the 'nerve center' for all communication operations at the facility. Site surveys consisted of floor level surveys, review of historical soil exploration programs, and review of nearby construction activities. The study found that excavation operations associated with the upgrade of a sewer line immediately adjacent to the structure led to lateral stress relaxation and vertical displacement of the footings.

**Bell Carter Foods Distressed Structure, Lafayette, California:** Dr. Storesund organized and performed the foundation exploration which involved drilling soil test borings within the structure using portable hydraulic drilling equipment. The purpose of the project was to identify the foundation instability mechanism and provide mitigation strategies.

Mississippi River Gulf Outlet Wave-Induced Erosion, St. Bernard Parish, Louisiana: Dr. Storesund provided state of the art engineering analyses examining the contribution of damage to the Mississippi River Gulf Outlet levees as a result of wave action from Hurricane Katrina in 2005. The evaluations required the development of a validated method to assess the plausible range of erosion susceptibilities due to wave impact and run-up. These evaluations were published in the ASCE Journal of Waterway, Port, Coastal and Ocean Engineering.

Investigation of the Greater New Orleans Area Flood Defense System Failure, New Orleans, Louisiana: Dr. Storesund was a consultant for the National Science Foundation sponsored investigation of the failure of the New Orleans Flood Defense System. He aided in the initial field reconnaissance to survey system damage and contributed to the technical analyses evaluating system failure mechanisms. He aided in the use of state of the art methods for erosion sampling and testing as well as LiDAR remote sensing survey methods on the Mississippi River Gulf Outlet levees. Copies of the findings from the evaluation can be accessed at: www.ce.berkeley.edu/~new\_orleans.



Upper Jones Tract Levee Failure, San Joaquin County, California: Dr. Storesund provided engineering evaluations associated with the June 2004 breach of the Upper Jones Tract Levee in conjunction with Dr. J. David Rogers. The evaluations included bathymetric surveys, RTK GPS surveys, development of digital terrain models using bathymetry and Aerial LiDAR data, hydraulic modeling, and levee failure analyses (seepage, slope stability). Dr. Storesund was responsible for: project management, planning, and tracking; geotechnical engineering evaluation and analyses; hydrodynamic evaluations; general engineering evaluations; standard of care evaluations; technical data evaluation; computer graphics/animations; digital cartography; scientific and technical writing. Dr. Storesund provided deposition and trial testimony.

East Bank Industrial Area (Lower 9th Ward), New Orleans, Louisiana: Dr. Storesund provided engineering support services to Dr. Robert Bea and Dr J. David Rogers for a field exploration program that included geoprobes, CPTs, and pump testing of the onsite "swamp/marsh" material in order to back calculate the permeability of this deposit. The work was performed in close coordination with all experts (plaintiffs and defense). Dr. Storesund served as the project manager for his \$1.3 million project (completed in 3 months). Dr. Storesund was responsible for: project management, planning, and tracking; geotechnical engineering evaluation and analyses; hydrodynamic evaluations; general engineering evaluations; standard of care evaluations; technical data evaluation; computer graphics/animations; digital cartography; scientific and technical writing.

**PNG Landslide, Papua New Guinea:** Storesund Consulting worked in conjunction with Prof. J. David Rogers, Prof. Calvin Alexander, and Mr. Eldon Gath to assess the causal mechanism(s) of a landslide in Papua New Guinea. Available data was reviewed and a field reconnaissance trip to the failure site was performed in summer of 2012. Dr. Storesund provided geotechnical and liar data interpretation services.

**LiDAR Surveys** 

**Sunol Dam Removal, Alameda County, California:** In 2006, the San Francisco Public Utilities Commission removed Sunil dam to improve fish passage, restore a self-sustaining population of steelhead to the Alameda Creek watershed, and reduce or eliminate an existing public safety hazard. The dam contained an estimated 37,000 yd³ of impounded sediment. To create a baseline for future monitoring of impounded sediment transport, a combination of Aerial Liar, Terrestrial LiDAR, and conventional survey data was compiled and synthesized to generate a three dimensional model of the study area. High resolution characterization of the impounded sediments was accomplished using Terrestrial LiDAR, with an approximate point spacing of centimeters.

**Pit Dam 3 Mapping, Burney, California:** Storesund Consulting provided a Terrestrial LiDAR scan of select areas at the PGE Pit Dam 3 facility to aid in the evaluation of a fault system at the site. A high-accuracy point cloud was rendered of the fault are, allowing field geologists to geolocate fault features with high accuracy. Additionally, fault trenches were scanned and rectified orthoimages were rendered to aid in mapping fault trace features.

## PROFESSIONAL RESUME





**Quadrus Hill, Menlo Park, California:** Storesund Consulting performed Terrestrial LiDAR scanning services for this office complex in a landscaped boulder area where high-precision mapping of boulder features was required to correctly situate a new deck.

**Intarcia, Fremont, California:** Dr. Storesund provided Terrestrial LiDAR scanning services for this project to map existing structural conditions as well as mechanical, electrical, and plumbing (MEP) facilities to facilitate BIM modeling and routing of new utilities (using 'clash detection').

**1245 Market, San Francisco, California**: Dr. Storesund provided Terrestrial LiDAR scanning services for this project to map existing structural conditions as well as mechanical, electrical, and plumbing (MEP) facilities to facilitate BIM modeling and routing of new utilities (using 'clash detection').

**Veterans Administration Facility, Mather, California:** Dr. Storesund provided Terrestrial LiDAR scanning services for this project to map existing structural conditions as well as mechanical, electrical, and plumbing (MEP) facilities to facilitate BIM modeling and routing of new utilities (using 'clash detection').

Yosemite Slough Wetland Erosion Study, San Francisco, California: Storesund Consulting performed annual erosion/deposition monitoring using Terrestrial LiDAR for the wetland restoration project. Hydrodynamic modeling was performed estimating erosion/deposition. This monitoring program provided a high resolution digital terrain model by which to measure erosion/deposition across the restoration area (3 acres).

Causby Mine Survey, Stanislaus County, California: Dr. Storesund served as the project manager and project engineer for this LiDAR mapping project of an abandoned mine tunnel for the U.S. Forest Service. Mapping consisted of the entrance and exit (for construction access) as well as the interior of the tunnel (for volume estimates and layout purposes). State of the Art LiDAR processing software was used to model the interior of the tunnel in 3D.

**Tocaloma Backwater Project, Marin County, California:** Dr. Storesund provided RTK GPS and Terrestrial LiDAR surveys for this backwater restoration project for the County of Marin. The work was provided for Balance Hydrologics (who performed the design). Aerial LiDAR was merged with the Terrestrial LiDAR to create a full 3D terrain model of the restoration area.



Arroyo de la Laguna, Alameda County, California: Arroyo de la Laguna is part of the stream system that includes the Dublin, Pleasanton, Livermore, as well as upland portions of northern Santa Clara County. Watershed hydrology and channel function have been historically impacted by urbanization (including drainage and flood control), roads, railroads, gravel mining, and the construction of Del Valle Reservoir, resulting in channel incision on the order of six meters. Severe stream bank erosion was identified on the outer bends of an "S" curve of the Arroyo de la Laguna Creek. Terrestrial LiDAR was used to generate cost-effective, high-accuracy mapping of as-built conditions of newly completed stream and river restoration projects, thereby establishing a baseline by which future monitor efforts can evaluate overall project performance through time.

**Salt Pond A21, Alameda County, California:** Dr. Storesund performed Terrestrial LiDAR survey for researchers at the University of California at Berkeley on this 160-acre wetland restoration project in Fremont, California. The surveys were used to monitor sediment accretion, scour, and erosion progression within this recently breached salt pond.

**Tennessee Hollow, San Francisco, California:** A storm drain creek daylighting project was completed at the San Francisco Presidio. LiDAR surveys were used to establish baseline topography following completion of construction in January of 2006. Subsequent surveys were performed to evaluate vegetation growth rates and growth zones. The baseline survey is anticipated to serve as an overall baseline by which future channel stability can be evaluated.

AMR, Roseville, California: Storesund Consulting provided high-resolution RTK GPS topographic survey and Terrestrial LiDAR surveys of vernal pools to provide a baseline micro-topographic terrain model which became the design 'template' for restoration of 150 acre vernal pool site.

Cache Creek, Woodland, California: Terrestrial LiDAR surveys were conducted at two specific locations where the creek channel shifted into the creek bank, causing the formation of a tall vertical bank. The terrestrial LiDAR surveys were conducted to map the conditions of the vertical bank. Additionally, aerial LiDAR surveys were also performed at this site and future studies will compare and contrast the resolution and accuracy between these two methods at this site.

Goodwin Creek, Oxford, Mississippi: The Goodwin Creek watershed is organized and instrumented for conducting extensive research on upstream erosion, stream erosion and sedimentation, and watershed hydrology. Land use and management practices that influence the rate and amount of sediment delivered to streams from the uplands range from timbered areas to row crops. About 13 percent of the watershed total area is under cultivation and the rest in idle pasture and forest land. Terrestrial LiDAR surveys were performed at one location in an attempt to evaluate the feasibility of utilizing LiDAR to measure and quantify sediment transport and vertical bank retreat rates.



Coldwater Creek, Mississippi: Coldwater Creek is part of a United States Department of Agriculture National Sedimentation Laboratory research watersheds. The quantity and quality of aquatic habitats along the lowland floodplain rivers in agricultural landscapes are in steep decline as a result of nonpoint source pollution. Terrestrial LiDAR surveys were performed at the site of an ephemeral gully in order to ascertain the feasibility of mapping these features with LiDAR to develop 3D surfaces by which more detailed analyses can be performed (including erosion rates) as opposed to the traditional cross-sectional survey method, which may not fully capture the behavior of the site.

Tolay Lake, Petaluma, California: This collaborative effort between the Sonoma County Parks and Recreation, Ducks Unlimited, and United States Geological Survey, will restore a seasonal lake on Tolay Creek in Sonoma County. Existing agricultural fields will be converted to a county park and will serve as a duck reserve in the fall and winter. Terrestrial LiDAR surveys were preformed to develop a detailed topographic map of the project site. Over 200 acres were surveyed in two days.

**Ben Mar, Benicia, California:** Dr. Storesund performed Terrestrial LiDAR survey for the United States Geological Survey on this 25-acre wetland restoration project in Benicia, California as part of a Caltrans mitigation project. The surveys were used to monitor sediment accretion within the completed restoration area.

**Tilden Step Pool, Berkeley, California:** Storesund Consulting worked in conjunction with Dr. Anne Chin (University of Colorado, Boulder) by mapping as-built conditions of a step pool sequence in Tilden Park. Change analyses will be performed over three storm events to ascertain step pool stability.

Colorado Wildfire Step Pool Evaluation, Colorado: Storesund Consulting worked in conjunction with Dr. Anne Chin (University of Colorado, Boulder) by analyzing terrestrial LiDAR scans of study areas before and after storm events to ascertain step pool stability.

**Verona Bridge Creek Restoration, Pleasanton, California:** Storesund Consulting performed a Terrestrial LiDAR survey of this in-stream habitat enhancement and slope stability restoration project in Pleasanton. The project was designed by the National Resource Conservation District.

**Tubb, Vallejo, California:** Dr. Storesund performed Terrestrial LiDAR survey for the United States Geological Survey on this 60-acre wetland restoration project in Sonoma County, California. The surveys were used to monitor sediment accretion within the completed restoration area.

Rodeo Creek, Hercules, California: LiDAR scanning services were performed on the newly acquired Rodeo Creek East Bay Regional Park property in Rodeo, California. Rodeo Creek was incised 20-30 feet below the floodplain and heavily vegetated, making it difficult to perform conventional topographic surveys. As a result of the LiDAR surveys, a 3D surface, topography, and cross-sections over a 1,000 foot stretch of creek was cost-effectively mapped.



Winfield Pin Oaks Levee Investigation, Winfield, Missouri: The Winfield Pin Oak levee is maintained by the Cap Au Gris Drainage and Levee District. The levee system (Figure 23) is estimated to prevent flooding of the protected area (493 hectares) up to a 14-year return period flood event on the Mississippi River. This site was overtopped for an extended period of time and breached as a result of overtopping-induced erosion. Terrestrial LiDAR surveys (georeferenced using RTK GPS) were performed in October 2008 for subsequent forensic analyses.

**Norton Woods Levee Investigation, Elsberry, Missouri:** The Elsberry levee at Norton Woods is maintained by the Elsberry Drainage District. This breach was the result of either a through-seepage induced or overtopping-induced (low crest elevation) failure. High water marks observed in the field indicate that the floodwaters did not exceed the general levee crest elevation. Terrestrial LiDAR surveys (georeferenced using RTK GPS) were performed in October 2008 for subsequent forensic analyses.

**Kickapoo Levee Investigation, Elsberry, Missouri:** The Elsberry levee at Kickapoo is maintained by the Elsberry Drainage District. This breach was reported by local residents to have been the result of through-seepage in the roadway base course that traversed the levee crest. The extents of levee erosion were generally limited to the pre-breach roadway alignment. Terrestrial LiDAR surveys (georeferenced using RTK GPS) were performed in October 2008 for subsequent forensic analyses.

San Francisco Pier 9, San Francisco, California: Storesund Consulting provided Terrestrial LiDAR scanning services for this renovation project to enable a 3D check against existing as-built documentation and facilitate BIM modeling. The new facility is a 3D printing center for Autodesk.

**AT&T Facility MEP Scanning, California:** Storesund Consulting provided Terrestrial LiDAR scanning services for this expansion project to map existing mechanical, electrical, and plumbing (MEP) facilities to facilitate BIM modeling as well as routing of a new fuel supply pipeline (using 'clash detection').

**UCSF Helen Diller Center, San Francisco, California**: Storesund Consulting provided Terrestrial LiDAR scanning services for this project to map existing structural conditions as well as mechanical, electrical, and plumbing (MEP) facilities to facilitate BIM modeling and routing of new utilities (using 'clash detection').

**Novartis, Burlingame, California:** Storesund Consulting provided Terrestrial LiDAR scanning services for this project to map existing structural conditions as well as mechanical, electrical, and plumbing (MEP) facilities to facilitate BIM modeling and routing of new utilities (using 'clash detection').

San Antonio Station, Mountain View, California: Storesund Consulting provided Terrestrial LiDAR scanning services for this project to map existing structural conditions as well as mechanical, electrical, and plumbing (MEP) facilities to facilitate BIM modeling and routing of new utilities (using 'clash detection').

## PROFESSIONAL RESUME





Veterans War Memorial Building, San Francisco, California: Storesund Consulting provided Terrestrial LiDAR scanning services for this project to map existing structural conditions as well as mechanical, electrical, and plumbing (MEP) facilities to facilitate BIM modeling and routing of new utilities (using 'clash detection').

**HWY 84 Interchange**, **Redwood City**, **California**: Storesund Consulting performed a Terrestrial LiDAR scan of the HWY 84/HWY101 interchange in Redwood City to facilitate an improvement program.

**Bryants Creek Levee Investigation, Elsberry, Missouri:** The Elsberry levee at Kickapoo is maintained by the Elsberry Drainage District. This breach (Figure 52) occurred at the location of a duck pond that was reported to have been installed immediately adjacent to the levee system in order to attract ducks for the duck club located at the site. Terrestrial LiDAR surveys (georeferenced using RTK GPS) were performed in October 2008 for subsequent forensic analyses.

Indian Graves Levee Investigation, Quincy, Illinois: The Indian Graves Levee system is maintained by the Indian Graves Drainage District. The estimated protection level for the levee system is a 50-year return period flood and the protected area encompasses over 2,800 hectares. The sand with clay core levee system is situated immediately East of the Mississippi River. There were three breaches, two under seepage induced and one overtopping induced breach. Terrestrial LiDAR surveys (georeferenced using RTK GPS) were performed in October 2008 for subsequent forensic analyses.

Two Rivers Levee Investigation, Oakdale, Iowa: The Two Rivers Levee system is maintained by the Iowa Flint Creek Levee District No. 16. The estimated protection level for the levee system is a 100-year return period flood and the protected area encompasses approximately 7,100 hectares. The levee system is situated immediately South of the Iowa River, and west of the Mississippi River. Terrestrial LiDAR surveys (georeferenced using RTK GPS) were performed in October 2008 for subsequent forensic analyses.

Emeryville Shoreline Protection Project, Emeryville California: Terrestrial LiDAR was used to measure the volume of boulder rip-rap placed for this shoreline protection project. Due to the high void ratio and irregularity of the boulders, the very high point density of the Terrestrial LiDAR survey provided a more accurate modeling of rip-rap volume than traditional survey methods.

**Dutra San Rafael Rock Quarry, San Rafael, California:** The Dutra San Rafael quarry is one of the most active quarries in the Bay Area. LiDAR was used to image the physical configuration of the quarry, to create a 3D baseline survey. Subsequent LiDAR surveys will be compared against the initial baseline survey to determine material quantities as well as overall slope stability within the quarry.



**Dutra Richmond Quarry, Richmond, California, California:** LiDAR surveys were used to monitor a reclamation slope at the inactive Dutra Richmond Quarry. Due to the location of the slope and the geologic contacts, monitoring was required to demonstrate that no active movements are occurring and that the slope is stable. An initial baseline survey was performed in August, 2006 and subsequent surveys will be compared to the initial baseline to determine activity level.

Lower Santa Ynez, Santa Barbara County, California: The Lower Santa Ynez Bank Stabilization project was a collaborative effort with the California Conservation Corps and California Department of Fish and Game to utilize biotechnical methods to stabilize a 1,000-foot length of stream bank, adjacent to agricultural lands. Terrestrial LiDAR surveys were conducted to develop preproject topography, as-built topography, erosion and scour quantities and estimated rates, and a coarse vegetation monitoring study.

**Emery Point, Emeryville, California:** Baseline Terrestrial LiDAR surveys were performed to monitor wave-induced erosion on Point Emery in Emeryville, California, which has experienced significant scour in the last 5 years. This manmade peninsula is a popular location with windsurfers and SF Bay Trail users. It is estimated that the location will be completely eroded in the next 25 years without mitigation.

Fremont Landing, Yolo County, California: The Fremont Landing project site is located along the south bank of the Sacramento River from RM 78.8 to 80.4 in one of the most hydraulically-complex portions of the river. At least five (5) major tributaries or distributaries are located within 2 miles of the site and all influence the hydrodynamics of the site. Terrestrial LiDAR surveys were performed to aid PWA develop a 2D hydrodynamic model of the project site and surrounding tributaries/distributaries. The model was used to allow examination of design issues related to fish stranding, rearing habitat, and flood conveyance.

Hamilton Wetland Restoration, Novato, California: This is a United States Army Corps of Engineers and California Coastal Commission joint project to convert over 500 acres of a decommissioned army airfield to a wetland restoration area using dredged spoil material. The area will consist of seasonal and tidal wetlands. Terrestrial LiDAR is being used to monitor fill placement and obtain volume quantities.

Mississippi River Gulf Outlet, New Orleans, Louisiana: LiDAR surveys were conducted of the southeastern completed levee segment. This survey was to serve as a baseline from which future LiDAR surveys can be conducted and analyses and evaluations of wind-induced wave impacts can be studies.

East Sand Slough Restoration, Red Bluff, California: Dr. Storesund provided terrestrial LiDAR mapping of this channel restoration project on the Sacramento River in Red Bluff, California. The LiDAR survey was integrated with existing bathymetry data. Habitat mapping using the collected LiDAR data was also conducted in general conformance with the California Rapid Assessment Method (CRAM) for Wetlands.



## **PROFESSIONAL RESUME**

**CZ-1 Site, Fresno County, California:** Dr. Storesund provided terrestrial LiDAR mapping of this tree-root excavation and measurement study by Dr. Peter Hartsough (UC Davis) as part of his climate change research. The mapping of the tree roots provided Dr. Hartsough the ability to establish high-resolution digital root system baselines for future comparisons.



### **Research Projects**

**RESIN:** Contemporary infrastructure, the systems necessary to provide sustainable services within the nation's power, transportation, waste management, water, and telecommunication sectors, has become very *complex*; that is adaptive, interdependent, unpredictable, nonlinear, and dynamic. This research seeks to discover new fundamental methods to assess and manage the resilience and sustainability of such complex systems (termed 3ICIS). These methods will facilitate the characterization of both resilience and sustainability by addressing multi-infrastructure, multi-physics, multi-scale (spatial, temporal), and multi-resource phenomena that impact the likelihood of these systems failing to achieve acceptable resilience and sustainability, as well as the associated consequences. The setting selected to develop these methods is the California Sacramento Delta focusing primarily on the following four critical infrastructure services, as well as interfaces with other critical infrastructure sectors as necessary:

- Water Supply Includes water supply system for agriculture, commercial/industry, government, and the public. Issues of importance include supply, conveyance, and quality (note: wastewater is part of this, but not addressed here);
- <u>Flood Protection</u> Includes the structural elements (levees, floodwalls, flood gates, dams, diversion channels, storm drain systems) as well as the natural rivers corridors, subsidence, settlement & consolidation, and hydrologic hazards (rain storms, snow melt) that inundate low lying areas and floodplains;
- <u>Power Supply</u> Elements of the electrical power grid that supply electricity to agricultural, commercial/industrial, government and the public; and
- <u>Ecosystem</u> Physical and biological components of the environment. Physical attributes include habitat areas, soil substrates, water supply and quality. Biological considerations include flora and fauna.

The California Sacramento Delta 3ICIS is a very complex highly interactive 'legacy' system embedded in similarly complex natural environmental and social - political systems. It is of critical importance directly for the population and environment of the State of California and indirectly for the rest of the United States.

The goals of this research project are to develop the following Quality Management Assessment System Process (QMAS):

- 1. System Definition and Conceptualization
- 2. Domain Expert / Key Informant Assessment Team Identification and Formation
- 3. Identification of the key vulnerabilities or chokepoints (aka Factors of Concern)
- 4. Failure Scenario Development
- 5. Detailed Qualitative and Quantitative Risk Assessment and Management that accounts for 3ICIS spatial variability, temporal variability (historical, current, future), and non-linearity (SYRAS++)

This research will answer the following fundamental questions:

- 1. What are the major drivers that threaten Resilience & Sustainability (current, future)?
- 2. What is the current Resilience & Sustainability state of the 3ICIS?
- 3. What future Resiliency & Sustainability states are expected given the status quo persists?
- 4. What are the potential consequences/impacts associated with future Resiliency & Sustainability states given the status quo persists?
- 5. What adaptation and mitigation strategies can be employed to create an "acceptable" Resilient & Sustainable 3ICIS? rune@storesundconsulting.com



**2008 Midwest Levee Failure Investigation:** Dr. Storesund was the lead researcher for this National Science Foundation sponsored collaborative research investigation between UC Berkeley, Texas A&M University, and the Missouri University of Science and Technology. The research was an immediate effort to collect sensitive and time-dependent perishable data will comprehensively characterize select levee failure locations to provide essential levee characterization and performance data for use in subsequent numerical analyses. The levee characterization consisted of:

- An initial field reconnaissance to visit known breach sites along the Mississippi River between St. Louis, MO and Davenport, IA to document (via photographs) site conditions, collect eyewitness accounts, and develop a list for detailed site-specific analyses;
- Conducting high-detail laser imaging survey (Terrestrial LiDAR) of breach and erosion/scour features in the levees. These surveys will be used to validate future numerical simulations that predict the final scour/erosion profile for specified overtopping conditions;
- 3. Characterization of the vegetative/grass cover on the earthen levee side slopes to determine erosion-resistance provided. This levee characteristic is <u>frequently</u> omitted from field characterization studies, yet is very important in the performance of the levee during overtopping conditions;
- 4. Characterization of the levee soil materials, including the United States Soil Classification (USCS) soil types, plasticity (Atterberg Limits), grain size distribution (sieve sizes), in-situ density, maximum dry density, Erosion Function Apparatus (EFA) erodibility characterization and jet erosion testing; and
- 5. Documentation of the river stage at the location of the levee failure based on eyewitness accounts as well as available USGS Stream Gage Data. This data is essential to correctly evaluate overtopping depths and durations and associated water velocities on the 'protected side' of the flood protection levee.

The sites investigated include: Brevator (Missouri); Winfield (MO); Cap au Gris (MO); Kings Lake (MO); Norton Woods (MO); Kickapoo (MO); Bryants Creek (MO); Indian Graves (IL); Two Rivers (IA).



#### **PROFESSIONAL RESUME**

National River Restoration Science Synthesis: The National River Restoration Science Synthesis (NRRSS) was a nation-wide effort to characterize the practice of river restoration. It consisted of three phases: synthesis of national and state restoration databases, phone surveys with select river restoration practitioners, and detailed river restoration post-project appraisals within California. Dr. Storesund was active, under the direction of Dr. G. M. Kondolf, and participated in the completion of 40 post project appraisals (PPA) of California river restoration projects. The PPA evaluations consisted of watershed delineations, hydraulic and hydrology characteristics determinations, review of planning and design approaches, review of permit applications, field surveys and performance assessments, and engineering documentation of post-construction performance.

Projects evaluated:

Ackerman Creek Restoration Project Alameda Creek (Niles Dam Removal)

Alameda Creek (Sunol Dam Removal) Alamo Creek (Main Branch)

Alamo Creek (East Branch) Arroyo de la Laguna Bank Stabilization

Project

Arroyo Mocho Arroyo Viejo Creek Restoration

Baxter Creek (Booker T. Anderson) Baxter Creek (Gateway)

Baxter Creek (Pointsett Park)

Bear Creek Restoration Project

Blackberry Creek (Thousand Oaks) Brandy Creek (A-Frame Dam Removal)

Carmel River at deDampierre Carmel River at Schulte Road

Castro Valley Creek Restoration Cerrito Creek (El Cerrito Plaza)

Chorro Flats Enhancement Project Clarks Creek

Clear Creek (McCormic Dam Removal) Cold Creek

Crocker Creek Dam Removal Cuneo Creek Restoration

Green Valley Creek Lower Guadalupe River Reach B

Lower Ritchie Creek Dam Removal Lower Silver Creek Reach I

Martin Canyon Creek Miller Creek

Redwood Creek Sausal Creek Restoration Project

Strawberry Creek Tassajara Creek

Tennessee Hollow (Thompson Reach) Uvas Creek Restoration

Village Creek (UC Berkeley) Wildcat Creek at Alvarado Park rune@storesundconsulting.com

Wildcat Creek Flood Con Bas hannel Wilder Creek Restoration Project

www.storesundconsulting.com

More information on the NRRSS study and these specific PPA evaluations can



#### PROFESSIONAL RESUME

Rune Storesund, D.Eng., P.E., G.E. Consulting Engineer

**PROFESSIONAL AFFILIATIONS:** 

AWARDS:

ASCE Leadership and Management Committee

Chair 2010 - 2012

Corresponding Member 2003 - 2009

ASCE San Francisco Section

Past President 2012-2013

President 2011-2012

President Elect 2010-2011

Vice President 2009 - 2010

American Society of Civil Engineers: San Francisco Section YMF President 2003-

ASCE San Francisco Section Water Resources Group

Director 2009 -2011

ASCE San Francisco Section Geotechnical Society Steering Committee

ASCE San Francisco Section Infrastructure Report Card Committee

ASCE GEO-Institute

National Academy of Forensic Engineers National Society of Professional Engineers California Society of Professional Engineers

UC Berkeley Geotechnical Engineering Society UC Berkeley Engineering Alumni Society

Eagle Scout, Troop 27, Eureka, California (1992)

Outstanding YMF Civil Engineer (2004) San Francisco Section ASCE

Outstanding YMF Civil Engineer in the Private Sector (2008) Western Regional

Younger Member Council, ASCE

Outstanding ASCE Younger Member Forum Officer, ASCE Region 9 (2009)

President's Award, San Francisco Section ASCE (2012)

H.J. Brunnier Award, San Francisco Section ASCE (2013)

ASCE Edmund Friedman Young Engineer Award for Professional Achievement

(2013)

## Exhibit 2

#### Mario Ballard & Associates

Building and Fire Code Consultants

March 23, 2016

Subject: 3516-3526 Folsom Street

Fire Department Access

#### References:

- -California Fire Code Section 503 "Fire Apparatus Access Roads"
- -San Francisco Fire Department Informational Bulletin 5.01
- -Department of Public Works 2015 Subdivision Regulation
- -Table of contents Appendix-Technical Specifications Related to Engineering Document Section XII-B-3

The California Fire Code, San Francisco Fire Department Technical Bulletin 5.01 and the DPW 2015 Subdivision regulation include specific guidelines and requirements related to street widths, grade, angles of approach and departure and maximum grade related to Ariel truck operation.

Based on the information reviewed, the proposed development of Folsom Street North of Chapman will not meet the required specifications for Fire Department apparatus (See SFFD Bulletin 5.01) or Fire Department ambulance (EMR) access. All equipment, ladders, hoses as well as emergency medical equipment and supplies will need to be manually transported to the incident site which could impact firefighting operations and EMR response.

Mario Ballard

Maio Balloud

#### **MARIO BALLARD & Associates**

#### 1335 Sixth Avenue, San Francisco, California 94122 (415) 640-4283 marioballardsf@aol.com

#### Mario Ballard, Principal

#### CAREER SUMMARY

Principal, Mario Ballard and Associates	5/1/2007-Present
Principal, Zari Consulting Group	1/1/2013-Present
Captain, Bureau of Fire Prevention, Plan Review Division	2001-4/21/2007
Lieutenant, Bureau of Fire Prevention, Plan Check Division	1994 - 2001
Inspector, San Francisco Fire Department	1991 - 1994
Firefighter, San Francisco Fire Department	1974 - 1991
Linebarger Plumbing and Construction, SF CA	1974 - 1980
Servadei Plumbing Company, SF CA	1974
United States Army, Army Security Agency	1972 - 1974

#### **LICENSES**

ICC, International Code Conference Certified Building Plans Examiner

#### **CERTIFICATIONS**

ICC Advanced Occupancy

ICC Advanced Schematic Design

ICC Building Areas and Fire Design

ICC Advanced Types of Construction

ICC Advanced Means of Egress

CFCA Certificate of Training of Locally Adopted Ordinances and Resolutions

IFC Institute Certificate Application of the UBC for Fire Code Enforcement

ICBO Certificate on Course Completion on Fundamentals of Exiting

ICBO Certificate on Course Completion Complex Exiting

ICBO Certificate on Course Completion Building Use and Construction Type

ICBO Certificate on Course Completion Fire Protection, Building Size and Location

ICBO Course Overview of the Uniform Building Code

California Fire Chief's Association Fire Prevention Officers' Section Fire Alarm Levels I & II

Fire Sprinkler Advisory Board of Northern California & Sprinkler Fitter Local 483 Fire Sprinkler Seminar

National Fire Sprinkler Association, Inc., Hydraulics for Sprinklers

EDI Code International, Innovative Code Enforcement Techniques

Certification State of California Title 19/Title 24

#### **EDUCATION**

Fire Strategy & Tactics

Fire Service Supervision

Fire Prevention 1A, 1B, 1C

Fire Prevention 2A, 2B

Fire Prevention Officer Level One

Firefighter Level One and Two

Arson 1A, 1B

Hazardous Materials 1A, 1B

Instructor 1A

Fire Management 1A

City College of San Francisco

1970-1972

1981-1993

#### **COMMITTEE INVOLVEMENT**

**Building Code Advisory Committee** 

**Hunters Point Development Team** 

Mission Bay Task Force

Treasure Island Development Team

Trans-Bay Transit Center

Muni Metro, Light Rail Third Street Corridor

Department of Building Inspection MIS Case Development

San Francisco Board of Examiners Fire Department Representative

Member California Fire Chief's Association Fire Prevention Officers

**BOMA Code Advisory Committee** 

Mayor's Office of Economic Development Bio-Teck Task Force

Hunters Point Redevelopment Task Force

Building Code Standards Committee 1996-1999

Participant in the Eighth Annual California Fire Prevention-Institute Workshop,

"Providing the Optimum in Fire and Life Safety Training"

Participant North/South California Fire Prevention Officers Workshops 1996 - 1998 Guest Speaker at SMACNA (Sheet Metal and Air Conditioning Contractors National Association)

#### PUBLIC SERVICE

Rooms That Rock For Chemo (RTR4C), Director Secretary San Francisco Spina Bifida Association, (Past) Vice President 2011-Present

Mario Ballard & Associates July 16, 2014

California Fire Code Section 503

"Fire Apparatus Access Roads"

FIRE COMMAND CENTER.
FIRE DEPARTMENT MASTER KEY.
FIRE LANE,
KEY BOX.
TRAFFIC CALMING DEVICES.

#### SECTION 503 FIRE APPARATUS ACCESS ROADS

**503.1 Where required.** Fire apparatus access roads shall be provided and maintained in accordance with Sections 503.1.1 through 503.1.3.

503.1.1 Buildings and facilities. Approved fire apparatus access roads shall be provided for every facility, building or portion of a building hereafter constructed or moved into or within the jurisdiction. The fire apparatus access road shall comply with the requirements of this section and shall extend to within 150 feet (45 720 mm) of all portions of the facility and all portions of the exterior walls of the first story of the building as measured by an approved route around the exterior of the building or facility.

**Exception:** The fire code official is authorized to increase the dimension of 150 feet (45 720 mm) where:

- The building is equipped throughout with an approved automatic sprinkler system installed in accordance with Section 903.3.1.1, 903.3.1.2 or 903.3.1.3.
- Fire apparatus access roads cannot be installed because of location on property, topography, waterways, nonnegotiable grades or other similar conditions, and an approved alternative means of fire protection is provided.
- There are not more than two Group R-3 or Group U occupancies.
- **503.1.2** Additional access. The fire code official is authorized to require more than one fire apparatus access road based on the potential for impairment of a single road by vehicle congestion, condition of terrain, climatic conditions or other factors that could limit access.
- **503.1.3** High-piled storage. Fire department vehicle access to buildings used for high-piled combustible storage shall comply with the applicable provisions of Chapter 32.
- **503.2 Specifications.** Fire apparatus access roads shall be installed and arranged in accordance with Sections 503.2.1 through 503.2.8.

[California Code of Regulations, Title 19, Division 1, §3.05(a)] Fire Department Access and Egress. (Roads)

(a) Roads. Required access roads from every building to a public street shall be all-weather hard-surfaced (suitable for use by fire apparatus) right-of-way not less than 20 feet in width. Such right-of-way shall be unobstructed and maintained only as access to the public street.

Exception: The enforcing agency may waive or modify this requirement if in his opinion such all-weather

hard-surfaced condition is not necessary in the interest of public safety and welfare.

- 503.2.1 Dimensions. Fire apparatus access roads shall have an unobstructed width of not less than 20 feet (6096 mm), exclusive of shoulders, except for approved security gates in accordance with Section 503.6, and an unobstructed vertical clearance of not less than 13 feet 6 inches (4115 mm).
- 503,2.2 Authority. The fire code official shall have the authority to require an increase in the minimum access widths where they are inadequate for fire or rescue operations.
- **503.2.3 Surface.** Fire apparatus access roads shall be designed and maintained to support the imposed loads of fire apparatus and shall be surfaced so as to provide all-weather driving capabilities.
- **503.2.4 Turning radius.** The required turning radius of a fire apparatus access road shall be determined by the fire code official.
- 503.2.5 Dead ends. Dead-end fire apparatus access roads in excess of 150 feet (45 720 mm) in length shall be provided with an approved area for turning around fire apparatus.
- 503.2.6 Bridges and elevated surfaces. Where a bridge or an elevated surface is part of a fire apparatus access road, the bridge shall be constructed and maintained in accordance with AASHTO HB-17. Bridges and elevated surfaces shall be designed for a live load sufficient to carry the imposed loads of fire apparatus. Vehicle load limits shall be posted at both entrances to bridges when required by the fire code official. Where elevated surfaces designed for emergency vehicle use are adjacent to surfaces which are not designed for such use, approved barriers, approved signs or both shall be installed and maintained when required by the fire code official.
- **503.2.7** Grade. The grade of the fire apparatus access road shall be within the limits established by the fire code official based on the fire department's apparatus.
- 503,2.8 Angles of approach and departure. The angles of approach and departure for fire apparatus access roads shall be within the limits established by the fire code official based on the fire department's apparatus.
- 503.3 Marking. Where required by the fire code official, approved signs or other approved notices or markings that include the words NO PARKING—FIRE LANE shall be provided for fire apparatus access roads to identify such roads or prohibit the obstruction thereof. The means by which fire lanes are designated shall be maintained in a clean and legible condition at all times and be replaced or repaired when necessary to provide adequate visibility.
- 503.4 Obstruction of fire apparatus access roads. Fire apparatus access roads shall not be obstructed in any manner, including the parking of vehicles. The minimum widths and clearances established in Section 503.2.1 shall be maintained at all times.

## San Francisco Fire Department Informational Bulletin 5.01

#### 5.01 Street Widths for Emergency Access

Reference: 2010 S.F.F.C. Sections 503 and Appendix D, Section D105

The Division of Planning and Research of the San Francisco Fire Department has established requirements for minimum street widths to facilitate emergency equipment access. These requirements are specified as follows:

Minimum Street Widths and Access Roads

- The San Francisco Fire Code (503.2.1) requires a minimum of 20 feet of unobstructed roadway and a vertical clearance of not less than 13' 6' for existing roadways. While a 20 foot wide roadway is permissible, past practice has shown that making ninety degree turns are not possible without the trucks moving into oncoming traffic. The vehicles can make the turn only on one way streets.
- 2. The San Francisco Fire Code (503.2.5) requires a turnaround for all dead-end fire access roads in excess of 150'. The San Francisco Fire Department has determined an 80 foot turnaround and a 40' radius to be sufficient.
- 3. The San Francisco Fire Code requires a minimum 26' wide street for new developments where the new buildings are greater than 30' in height from the lowest level of fire department vehicle access and are unsprinklered. These streets shall be located a minimum of 15' and a maximum of 30' from the buildings and shall be parallel to one entire side of the buildings.

#### SAN FRANCISCO FIRE DEPARTMENT VEHICLE SPECIFICATIONS

	ENGINES	TRUCKS
Outside tire extremity	8 ft. 2 in.	8 ft. 3 in.
Vehicle width (with mirrors)	10 ft. 4 in.	10 ft 1 in.
Truck width with one jack extended	n/a	12 ft. 9 in.
Truck width with two jacks extended	n/a	17 ft. 9 in.
Vehicle height	11 ft.	12 ft.
Length of vehicle	30 ft.	57 ft.
Gross vehicle weight	40,400 lbs.	70,000 lbs.
Street grades maximum	26% maximum	26% maximum
Approach and departure	15% maximum	15% maximum
Truck aerial operations	n/a	14% maximum

The Fire Department will determine, on a case-by-case review, where the truck aerial operations may not be required.

### Department of Public Works 2015 Subdivision Regulation

#### C. STREET GUIDELINES

#### 1. Alignment

All streets shall, as far as practicable, align with existing streets. The Subdivider shall justify any deviations based on written environmental and design objectives.

#### 2. Intersecting Streets

Intersecting streets shall meet at right angles or as nearly so as practicable.

#### 3. Naming

Streets of a proposed subdivision which are in alignment with existing streets shall bear the names of the existing streets. The Department of Public Works shall approve names for all new streets.

#### 4. Street Grades

DPW shall not approve street grades in excess of 17% except as an exception and under unusual conditions.

Streets having grades in excess of 14% shall require separate consultation with the Fire Department prior to use for fire access purposes.

No gutter grade shall be less than 0.5%. The Subdivider shall provide concrete on any pavement grade less than 1.0%.

The Subdivider shall connect all changes in street grades, the algebraic sum of which exceeds 1.5%, with vertical curves of DPW-approved length sufficient to provide safe stopping sight distances and good riding quality. All changes in street grades shall have an absolute value of the algebraic difference in grades which does not exceed fifteen percent (15%), regardless of any vertical curves.

The Director with the consent of the SFFD may approve of any design modification to this standard on a case-by-case basis.

#### 5. Surface Drainage

- Subdivider shall grade streets to provide a continuous downhill path.
- b. At low end cul-de-sacs and sumps, in addition to sewer drainage facilities, Subdivider shall provide surface drainage channels in dedicated easements as relief of overflow to prevent flooding of adjoining property.
- c. Subdivider shall design street and drainage channel cross-sections to provide a transport channel for overland or surface flow in excess of the 5-years storm capacity of the sewer system. The channel capacity shall be the difference between the sewer capacity and the quantity of runoff generated by a 100-year storm as defined by the NOAA National Weather Service or by City-furnished data, applied over the tributary area involved.
- d. Subdivider shall round street curb intersections by a curve generally having a radius equivalent to the width of the sidewalk and the design shall be in accordance with the Better Streets Plan. While allowing vehicle movements for emergency vehicles, the Subdivider shall use the smallest possible radius.

#### D. PRIVATE STREETS

Private streets shall have a minimum right-of-way width of 40 feet for through streets. Dead-end private streets shall have a minimum right-of-way width of 60 feet. The Subdivider shall consult with the Fire Department and Department of Building Inspection for all designs that might result in less than the minimum width.

#### E. BLOCKS

## **Technical Specifications Related to Engineering Document Section XII-B-3**

DPW Disabilities Coordinator for specific provisions related to pavement materials, passenger loading zones, and path of travel for disabled persons.<sup>27</sup>

#### 3. Fire Department Operations.

- a. All streets shall provide a minimum clear width of 20 feet of travel way between obstructions. Obstructions may include parked vehicles, certain curbs greater than 6 inches in height<sup>28</sup> or any other fixed object that prevents emergency vehicular travel.
- b. For purposes of calculating the clear width of the travel way, such width may include any combination of the following:
  - i. That portion of any adjacent curbside parking space having a width greater than 7 feet,
  - ii. a bike lane or any other adjacent pavement capable of supporting emergency vehicles where such lane or pavement is separated from the vehicular lanes by paint striping (Class II) or a mountable curb being no more than 2 inches in height (Class I), or other forms of pavement separation that may vary in material type, color, and texture.
- c. Where adjacent buildings are greater than 40 feet in height and not of Type 1 (fire resistive) building construction, and the building entrance locations are not yet specified, the Director may require an operational width of at least 26 feet to accommodate Fire Department operational requirements along each street fronting such a building.
  - "Operational width" shall be the combined total of the clear width of the travel way together with those unobstructed portions of adjacent pavement or sidewalks (if

<sup>&</sup>lt;sup>27</sup> See also *Proposed Accessibility Guidelines for Pedestrian Facilities in the Public Right-of-Way* as published by the United States Access Board.

<sup>&</sup>lt;sup>26</sup> See San Francisco Fire Code Sec. 503.4, providing additional guidance on what may be considered an obstruction; see also Board of Supervisors Ordinance No. 116-13.

capable of supporting emergency vehicles). Reservation of portions of curbside parking for fire-only access or use of alternative mountable curb designs that allow for safe fire vehicle access to the sidewalk may accomplish this goal. The Fire Department, in consultation with other affected City agencies, may approve other proposals developed in the future.

- ii. In such cases, the Subdivider shall provide sufficient right-of-way width on all abutting sides of a proposed development block to accommodate the foreseeable street design alternatives.
- iii. Where DPW requires the portion of the block to have additional operational width (greater than 20 feet clear), the design engineer shall be locate this in segments along the building frontages with a maximum length of 200 feet for any one segment. Segments may have a minimum length of as little as 100 feet. The Subdivider shall ensure the existence of adequate space for emergency vehicles to pass each other and set up operations at the front entrance of the building. In addition, the design shall provide for meaningful traffic calming measures to ensure safe vehicle speeds along the street, including returning to the standard 20 foot travel way between widened segments. This provision shall not apply to blocks less than 200 feet in length.
- iv. Subdividers are encouraged to consult with the Fire Department early in the subdivision process in advance of when the Subdivider anticipates the construction of such buildings. Information such as building access points, size of building and type of building construction are essential elements needed for constructive agency review.

v. Any decision to accommodate street widths having greater than 20 feet of travel way shall be approved by the Director only after consultation with and approval by an interagency working group composed of the Fire Department, the Municipal Transportation Agency, the Planning Department and any other affected city agency. When discussing the most appropriate widths of the travel way, the interagency working group shall consider such factors as the role and intended character of the street in the overall street network, the width of adjacent streets, the length of the street(s) in question, the anticipated traffic volume, and emergency and medical response.

#### 4. Bicycle Lanes

All bicycle facilities shall meet or exceed the minimum lane widths provided in the California Highway Design Manual, the California Manual on Uniform Traffic Control Devices. Subdivider's shall design bicycle facilities in accordance with the NACTO Urban Bikeway Design Guide.

#### 5. Parking Lane

The width of a curbside parallel parking lane shall be 8 feet. SFMTA may approve on a case by case basis angled curbside parking designs.

#### 6. Curb Intersection Radii and Turning Movements

Subdividers shall design intersections for and accommodate turning vehicles in accordance with the Better Streets Plan. <sup>29</sup>

http://www.sfbetterstreets.org/find-project-types/pedestrian-safety-and-traffic-calming/traffic-calming-overview/curb-radius-changes/

## Exhibit 3

#### UNIVERSITY OF CALIFORNIA, BERKELEY

BERKELEY • DAVIS • IRVINE • LOS ANGELES • MERCED • RIVERSIDE • SAN DIEGO • SAN FRANCISCO



SANTA BARBARA • SANTA CRUZ

CENTER FOR CATASTROPHIC RISK MANAGEMENT DEPARTMENT OF CIVIL & ENVIRONMENTAL ENGINEERING BERKELEY, CALIFORNIA 94720-1710

TELEPHONE: (925) 631-1587 E-MAIL: bea@ce.berkeley.edu

June 29, 2016

#### Re: Inquiry about Gas Transmission Pipeline 109 from concerned SF residents Proposed Project at 3516-3526 Folsom Street, San Francisco, CA



Dear Neighbors of Gas Transmission Pipeline 109:

Given the background information you have provided, yes, you should be concerned. There are several points in your summary that provide good basis for your concerns:

- 1) Old (1980's) PG&E gas transmission pipeline installed in area with highly variable topography,
- 2) Lack of records on the construction, operation, and maintenance of the pipeline,
- 3) No definitive guidelines to determine if the pipeline is 'safe' and reliable',
- 4) Apparent confusion about responsibilities (government, industrial-commercial) for the pipeline safety, reliability, and integrity.

This list is identical to the list of concerns that summarized causation of the San Bruno Line 132 gas pipeline disaster.

The fundamental 'challenge' associated with communicating your concern is tied to the word 'safe'. Unfortunately, it has been very rare that I have encountered organizations that have a good understanding of what that word means, and less of an understanding of how to demonstrate that a given system is 'safe enough.'

During my investigation of the San Bruno disaster, I did not find a single document (including trial deposition transcripts) that clearly indicated PG&E or the California PUC had a clear understanding of the word 'safe': "freedom from undue exposure to injury and harm." Further, it was clear they did not have a clear understanding of the First Minimal Principle of Civil Law: "It is lawful to impose risks on people if and only if it is reasonable to assume that they have sufficient knowledge to understand the risks and have consented to accept those risks."

Much of this situation is founded in 'ignorance'. It is very rare for me to work with engineers or managers who have an accurate understanding of what the word 'safe' means - and no clue about how to determine if a system is either safe or unsafe. The vast majority of governmental regulatory agencies are even worse off.

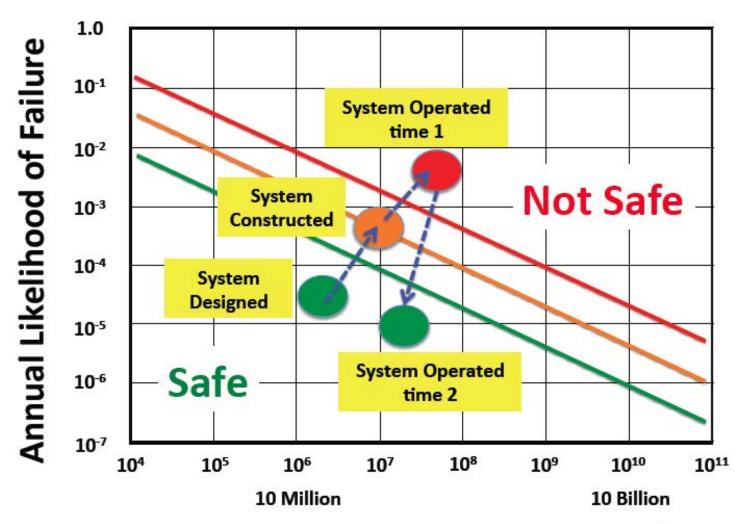
I have attached a graph that helps me explain the important concepts associated with determining if a system is either safe or unsafe. The vertical scale is the annual likelihood of failure. The horizontal scale is the consequences associated with a failure. The diagonal lines separate the graph into two quadrants: Safe and Not Safe. If the potential consequences can be very high, then the probability of failure must be very low. Uncommon common sense.

On the graph, I show a system that was designed for a particular 'risk' (combination of likelihood and consequences of failure). When it was constructed, the risk increased due to construction 'malfunctions' - like bad welding. When the system was put into service, the risk increased further - perhaps due to poor corrosion protection and due to the area around the pipeline being populated with homes, businesses, schools and other

things that increase the potential consequences of a major failure. Once it is determined that the system that was originally designed to be safe is no longer safe, then it is necessary to do things that will allow the system to be safely operated—reduce the likelihood of failure (e.g. repair the corrosion) and reduce the consequences of failure (e.g. install pressure control shut off sensors and equipment that can detect a loss of gas and rapidly shut down the system)—or replace the segment of the pipeline that no longer meets safety-reliability requirements.

After I completed my investigation of the San Bruno disaster, I prepared a series of 'graphics' that summarized my findings. A copy of the file is attached. I hope it will help you understand how to better communicate your valid concerns regarding this development.

Robert Bea Professor Emeritus Center for Catastrophic Risk Management University of California at Berkeley email: bea@ce.berkeley.edu



Cost Consequences of Failure - \$

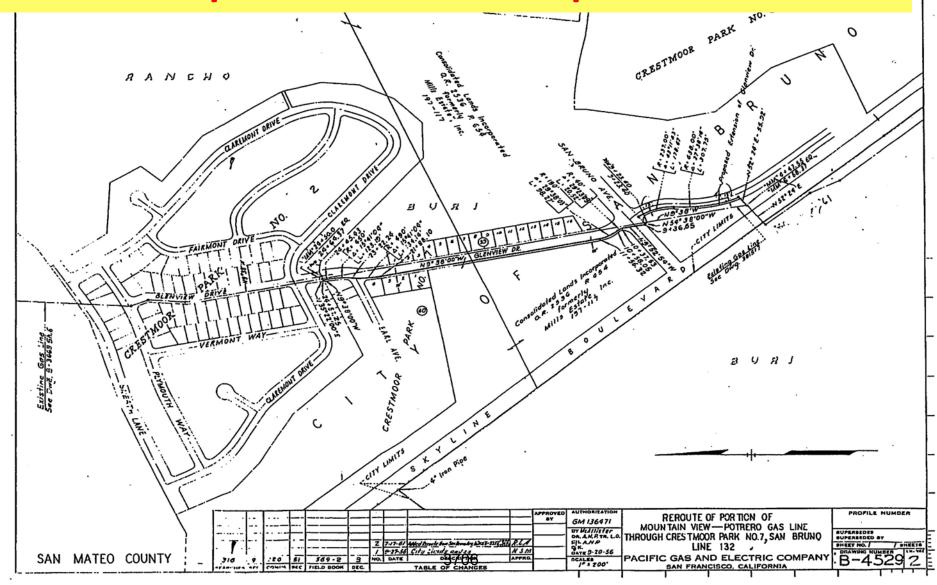


## Crestmoor High Consequence Area





## PG&E plans sent to field for 1956 relocation – details not provided for ravine profile



PG&E did not provide the construction 'details' to accommodate the change in vertical direction at the bottom of the 'ravine'

### Gas pipeline construction

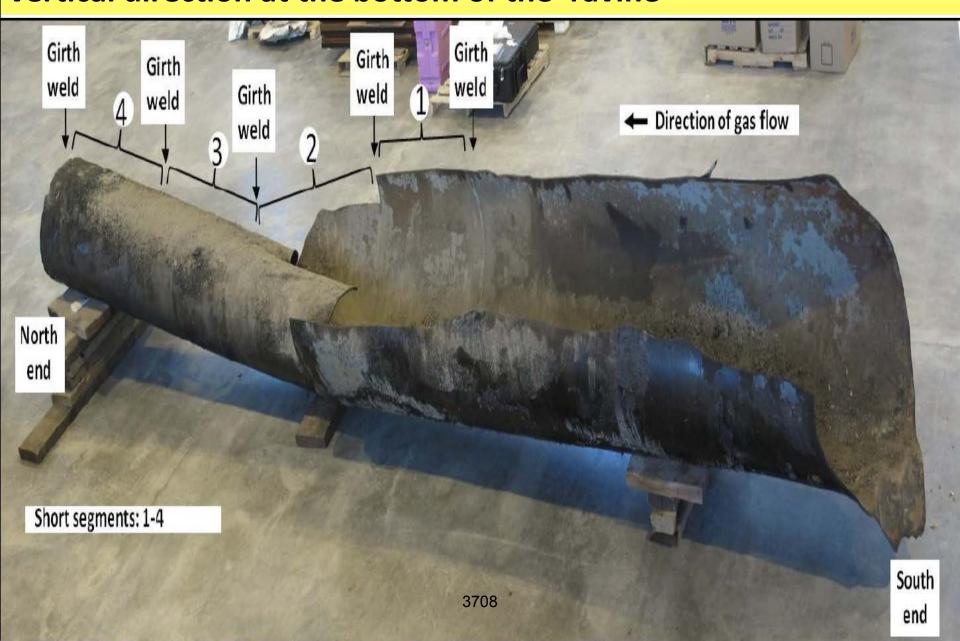
A report in January from the National Transportation Safety Board said that the natural gas pipeline that exploded in San Bruno in September 2010 had more than 100 spots with inadequate welds. These welds were either girth or seam welds, defined below. Street Gas main Street rupture Sewer line Seam weld Girth Seam Girth weld Pup Pup welds welds

Within the 44-foot section of the damaged pipeline were six smaller pieces, known as "pups," all welded end-to-end at the girth on-site in 1956.

Source: National Transportation Safety Board

Done at a factory, pipes were made by rolling steel sheets and welding them at the seam. Investigators found numerous welds only penetrated halfway through the steel when they should have gone all the way.

## PG&E installed a 'litter of pups' to accommodate the change in vertical direction at the bottom of the 'ravine'



Longitudinal welds inside pipe missing

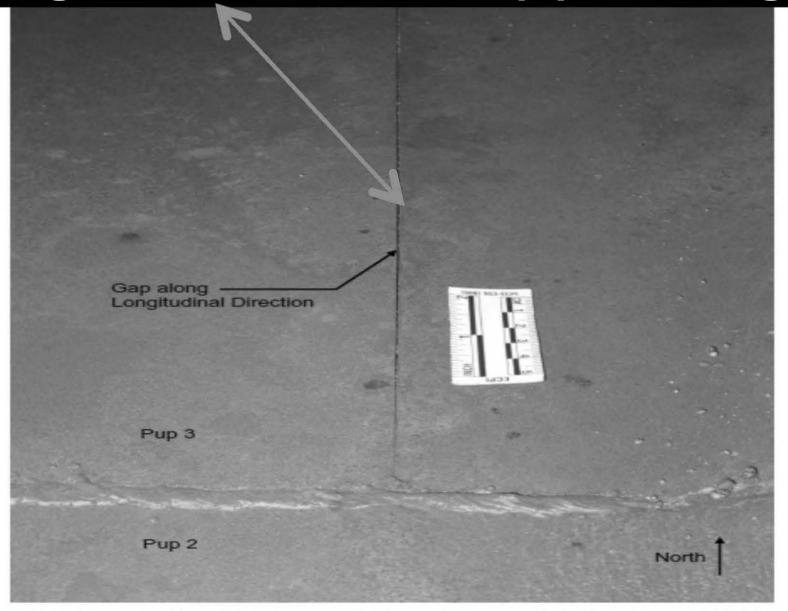


Figure 9: Inside wall of pup 3 showing a longitudinal gap that extended the length of the pup.

### Welded from outside and ground flush

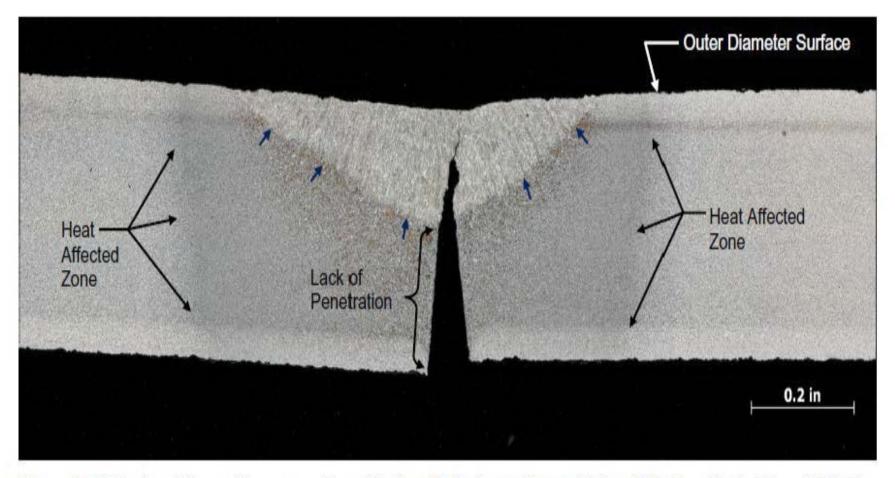


Figure 48: Etched metallographic cross section of the longitudinal seam in pup 3 taken 10 inch north of girth weld C3. The microstructure of the weld was consistent with a fusion welding process along the outer diameter surface of the seam.

Blue arrows – weld pool boundary along outer diameter surface seam.

# Weld flaws propagated by pressure fluctuations & 'spiking'

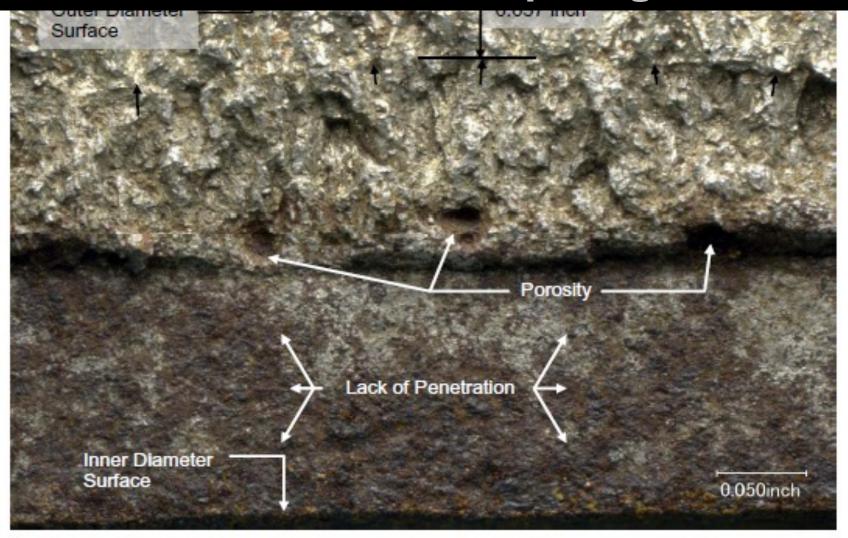


Figure 35: Micrograph of the initiation site in pup 1 at the 21.4 inch mark, the deepest point of the crack arrest mark. The profile of the arrest mark is indicated by the black arrows.



# The history of Line 132 Segment 180 'A Tyranny of Incremental Disastrous Decisions'

1956 construction 'work arounds' to relocate Line 132 and install Segment 180

1968 start intentional pressure 'Spiking' to maintain MAOP

**1978** no action taken to hydrostatically test Line 132

1985 no action taken to replace Line 132 as part of the GPRP

1987 no action taken to uncover pipeline to determine what was 'in the ground'

# The history of Line 132 Segment 180 'A Tyranny of Incremental Disastrous Decisions'

1988 no action taken to determine cause of leak in Line 132

1996 no actions taken to install RCVs or ASVs to reduce effects of rupture

1998 no actions taken to validate information contained in pipeline GIS

**2000** replaced GPRP with Risk Management Program to reduce costs

2003 repeat intentional pressure 'Spiking' to maintain MAOP

2004 integrity survey discloses 13 leaks with 'unknown' causes

## Line 132 Bunker Hill longitudinal weld leak



# The history of Line 132 Segment 180 'A Tyranny of Incremental Disastrous Decisions'

2008 no actions taken to determine 'unknown' causes of 26 leaks in Line 132

**2008** repeat intentional pressure 'Spiking' to maintain MAOP

**2008** no inspection of Segment 180 uncovered for sewer replacement

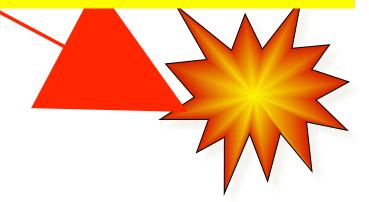
**2009** Enterprise Risk Management report recognizes pipeline explosion risks

2010 audit of PG&E's Integrity Management Program discloses dilution through exception process and insufficient allocation of resources

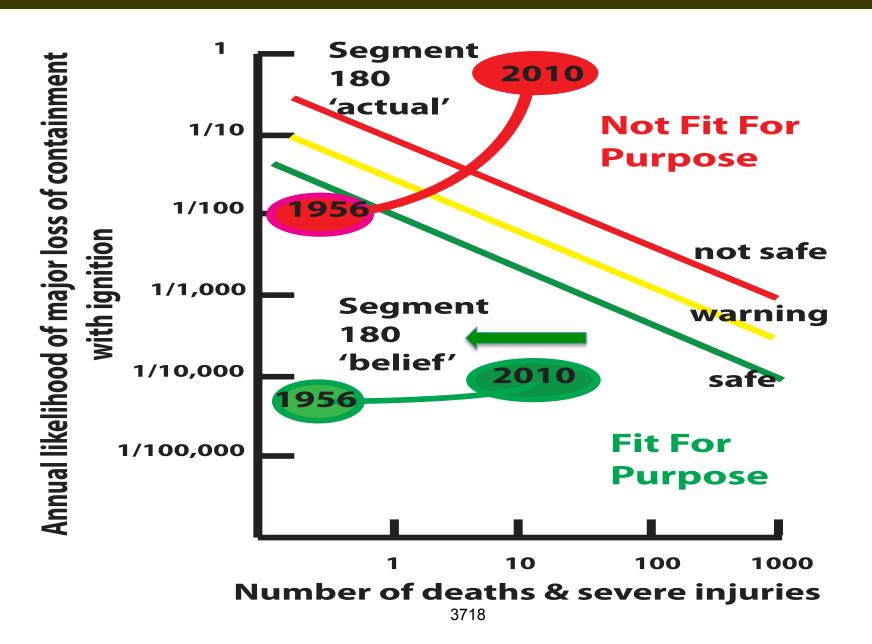
# The history of Line 132 Segment 180 'A Tyranny of Incremental Disastrous Decisions'

**2010** additional manufacturing defect discovered in Line 132 girth weld

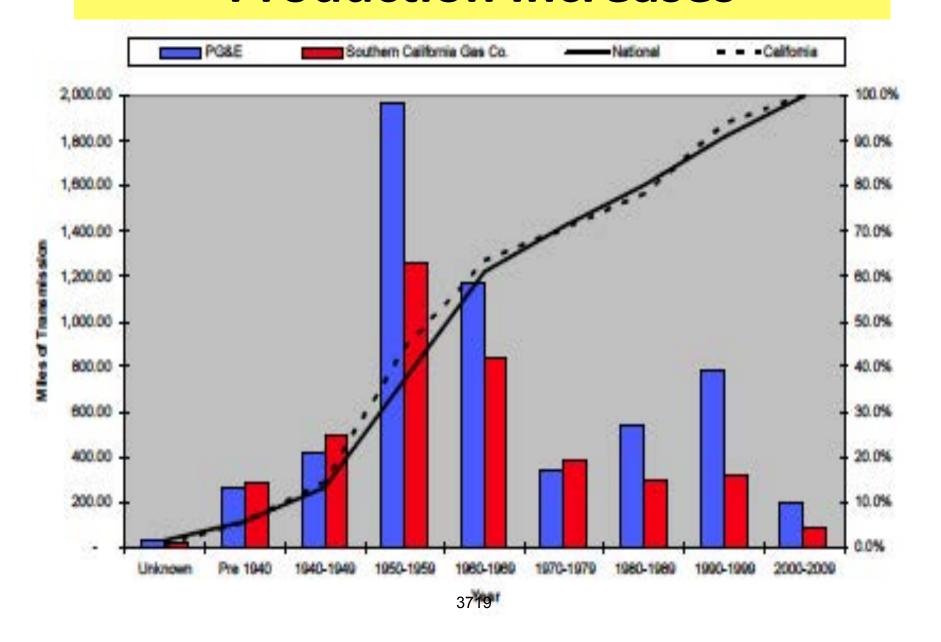
**2010 September 9 at 6:11 PM** Line 132 Segment 180 ruptures with catastrophic effects

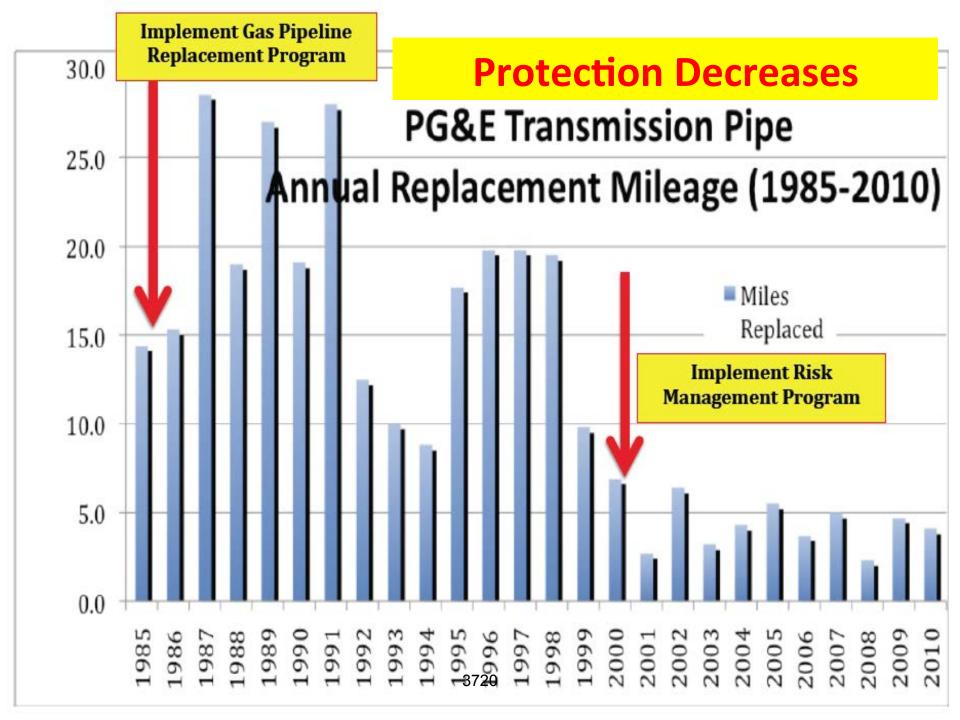


### **PG&E Segment 180 Integrity Mis-management**



# **Production Increases**









# was MANAGED TO FAILURE by PG&E



Serving Alameda, Contra Costa, Marin and San Francisco counties

### SAN FRANCISCO GROUP

### Please reply to 1474 Sacramento St., #305, San Francisco, CA 94109-4002

November 30, 2016

To Whom it May Concern:

SUPPORTING UPPER FOLSOM STREET CEQA APPEAL

The Sierra Club San Francisco Group supports the withdrawal or appeal of the categorical exemption for the Bernal Heights Upper Folsom Street Right-of-Way Housing Development (Planning Dept. Case No. 2013.1383ENV, hereinafter the "Project") and supports the preparation of an Environmental Impact Report for the Project.

The San Francisco Group speaks for the Sierra Club on city issues, on behalf of its 6,000 members and are one of the four chapters in the 4-county Bay Chapter's 30,000 members including Marin, Alameda, Contra Costa and San Francisco Counties. Our members, as well as the general public, will be directly affected by the Project's adverse environmental impacts on parkland, open space, and the Bernal Heights neighborhood.

The Upper Folsom Street Project received a Class 3 categorical exemption under CEQA Guidelines Section 15303(a). Pursuant to CEQA Guidelines Section 15300.2(c), however, a "categorical exemption shall not be used for an activity where there is a reasonable possibility that the activity will have a significant effect on the environment due to unusual circumstances." This proposed Project involves a number of unusual circumstances that will result in significant adverse environmental impacts.

\*The exemption was granted to this proposed Project based on the fact that "the project site is not located in a particularly sensitive or hazardous area." Yet the proposed access to the Project will be built over a 26-inch 30-year-old gas transmission pipeline on a City right-of-way with an approximately 35 percent grade slope – including significant excavation. The Project site is adjacent to Bernal Heights Park and Bernal Heights Community Garden, in a densely populated area. City departments have stated they do not take responsibility for the safety of the pipeline, which is one of only three major gas lines in San Francisco. Despite federal recommendations, no informed assessment has taken place to assure local residents of the safety of this Project. This circumstance poses a risk of catastrophic environmental impacts, yet no environmental review has been completed.



Serving Alameda, Contra Costa, Marin and San Francisco counties

The U.S. Department of Transportation's Office of Pipeline Safety states that most gas transmission pipeline accidents occur on rights-of-way by private contractors – exactly the situation being proposed. A new, privately built access road over a major transmission pipeline –with the potential for multiple future adjacent private excavations on a steep slope – is unusual in San Francisco, if not unique. The proposed Project exposes a dense urban population to an unacceptable risk of environmental catastrophe, with no environmental review.

\*CEQA Guidelines Section 15303 (2) can exempt construction of up to three single-family Residents. Guidelines Section 15300.2(b), however, prohibits the use of a categorical exemption where "the cumulative impact of successive projects of the same type in the same place, over time is significant." In this case, there are six undeveloped lots in the proposed Project area; the current Project proposes two 2,500 – 3,000 square foot homes including multi-car garages. If this Project is approved, it will set a precedent for the other four lots for further development in the near future.

\*The proposed Project will have a number of additional impacts, including massing, loss of sunlight, and destruction of open space. It sets a precedent for large-scale houses in a neighborhood with traditionally smaller-scale housing and single car garages. The Project site is located within 300 feet of a possible urban bird refuge, within a steep slope district, and requires unusually extensive excavation. Moreover, as the categorical exemption determination notes, the Project site "is in an area that would be exposed to strong earthquake shaking." It notes that the Project's geotechnical reports recommend "seismic design parameters" to be used "during the Department of Building Inspection (DBI) building permit plan check process." It is inappropriate to suggest the use of mitigation measures in a categorical exemption, especially where those mitigation measures constitute undefined subsequent changes to the Project – precluding an "accurate, stable and finite project description." County of Inyo v. City of Los Angeles (1977) 71 Cal.App.3d 185, 193.

For these reasons, we request that the City withdraw the categorical exemption for Case No. 2013.1383ENV and complete an EIR for the proposed Project. Should the City fail to complete an EIR, the Sierra Club San Francisco Bay Chapter supports the appeal of the Project's flawed environmental determinations and opposes the issuance of Project permits, including BPA Nos. 2013.12.16.4322 and 2013.12.16.4318.

**Becky Evans** 

Vice Chair, San Francisco Group

Becky Evous

### BERNAL HEIGHTS DEMOCRATIC CLUB

Chartered since 1988 to give the residents of Bernal Heights an effective voice in government

April 20, 2016

To: SF PLANNING COMMISSION

RODNEY FONG, COMMISSION PRESIDENT planning@rodneyfong.com

DENNIS RICHARDS, COMMISSION VICE-PRESIDENT dennis.richards@sfgov.org

MICHAEL ANTONINI, COMMISSIONER wordweaver21@aol.com

RICH HILLIS, COMMISSIONER richhillissf@yahoo.com

JOHN RAHAIM, DIRECTOR OF PLANNING John.Rahaim@sfgov.org

JONAS P. IONIN, COMMISSION SECRETARY Commissions. Secretary@sfgov.org

DAVID CAMPOS, DISTRICT 9 SUPERVISOR David.Campos@sfgov.org

FROM: Bernal Heights Democratic Club bernalheightsdemclub@gmail.com

CHRISTINE D. JOHNSON, COMMISSIONER christine.d.johnson@sfgov.org

KATHRIN MOORE mooreurban@aol.com

CINDY WU, COMMISSIONER cwu.planning@gmail.com

The Bernal Heights Democratic Club supports the opposition to the Upper Folsom Street Development in Bernal Heights, based on significant public safety concerns. There is clear danger from the major aging PG&E gas transmission pipeline; extreme steepness and narrow width of the proposed street; and unresolvable limited access to emergency vehicles.

It is our understanding that the two proposed lots now seeking permits will be followed by four more immediately adjacent. These types of construction will do nothing to address San Francisco's housing crisis, and are unsafe and inappropriate developments on these lots.

We appreciate your consideration of our input in this matter.

BernalHeightsDC@aol.com follow or message BHDC on Facebook: https://www.facebook.com/bernalheightsdemocraticclub FPPC #923351



July 18, 2016

San Francisco Board of Supervisors
City Hall
San Francisco, CA 94102
Dear Honorable Members of the Board

Re: Appeal of CEQA Categorical Exemption ("CatEx") Determination for Planning Case No. 2013.1383E

We request a **complete**, **open**, **coordinated and transparent environmental impact review (EIR)** for the proposed project at **3516** and **3526** Folsom Street.

We are concerned that the Bernal Heights neighborhood will be negatively impacted by this project based on our understanding that:

- It would threaten public safety as it is located adjacent to an aging 26-inch major gas transmission line 109. Heavy equipment would be traveling over this line in this very steep area during construction.
- It would negatively impact traffic safety as well as parking availability.
- It would be a "gateway" for four other adjacent sites, creating in essence a six unit "mini-sub-division". Such piecemeal planning is not in the best interests of San Francisco's neighborhoods.

It appears that the project developer has not heeded the concerns expressed by the East Slope Design Review Board, which was established by the San Francisco Planning Commission in 1986.

Thank you for your consideration. We ask that you oppose this Categorical Exemption.

Sincerely,

**BHNC Board of Directors** 

### **Ryan Patterson**

From: Samir Halteh <shalteh@gmail.com>
Sent: Tuesday, March 29, 2016 7:05 PM

To: Ryan Patterson
Cc: Lupe Hernandez

**Subject:** Folsom Street Extension

**Follow Up Flag:** Flag for follow up **Flag Status:** Completed

Hi Ryan - please find my statement below. Hope this helps! -S

### To Whom It May Concern:

My name is Samir Halteh and I have been a resident of the 300 block of Bradford Street, currently the steepest street in San Francisco) since September 2011.

In my relatively short period of time living on the block I've been witness to two separate car accidents as a result of the steep grade of the street. That does not even include others that other residents of the street have witnessed (including a few over-turned vehicles).

The first accident happened when a gentleman employed to repair a garage door on the block got stuck on the steeper portion of the street. He was unable to turn around because the street was too narrow and because of the high center of gravity of his vehicle. When he tried to get down in reverse, he ended up losing control of the vehicle and it crashed into two separate parked cars which then ricocheted it into two separate homes.

The second accident occurred when a taxi mistakenly navigated up the street. While attempting a three-point-turn, he drove up a curb which caused the vehicle to be lifted off the ground, suspended between the steepest part of the street with the part above it. He was unable to move since the car appeared to be in a position where it would flip over. We ended up having to call SFPD which later brought in SFFD as well as a tow truck to help get the car to safety.

On top of these incidents, there are countless people who navigate up the street looking for parking and end up getting stuck. I have watched countless times as they destroy our landscaping and privacy walls trying to get down.

Every call to a repairman or a delivery comes with a sense of dread (and good amount of forewarning) due to the grade of the street.

Replicating a street that is too narrow, steep, and without access from both sides is irresponsible, in my opinion. It strikes me as remarkably shortsighted to build homes with garage parking and street access in a location that so obviously cannot facilitate it safely. If the homes are to be built, I believe that the only solution is to give them access via staircase like those on Joy street.

Best, Samir Halteh 354 Bradford Street San Francisco, CA 94110

### **Ryan Patterson**

From: Aaron W. <adwplanner@gmail.com>
Sent: Monday, April 25, 2016 5:49 PM

**To:** Ryan Patterson

**Subject:** Fwd: Upper Folsom Street Proposal - Folsom at Powhattan street

Here you go Ryan.

Sent from my portable telephone

Begin forwarded message:

From: "A-RON D.W." < <u>adwplanner@gmail.com</u>>

Date: March 30, 2016 at 4:48:36 PM PDT

To: richard.sucre@sfgov.org

Subject: Upper Folsom Street Proposal - Folsom at Powhattan street

Dear Mr. Sucre:

I am writing to express my concerns as a Bernal resident over the proposed street addition at upper Folsom street near Powhattan.

I reside on Bradford Street, the steepest hill in San Francisco. I believe the Folsom street addition will be of a similar slope. We have had issues with emergency vehicles not being able to navigate the hill. We have had cars where the emergency brake has snapped resulting in damage. We regularly have vehicles blocking passage in one direction or another. My father recently lost control of his balance and fell, breaking his leg. We have had people with belongings in shopping carts that have lost control of the carts, causing damage to vehicles.

I urge your committee to consider the potential hazards of inserting such a narrow and steep hill into the existing fabric of this location of Bernal.

Thank you.

235 MONTGOMERY STREET, SUITE 1149, SAN FRANCISCO, CALIFORNIA 94104 • TEL: (415) 760-0636 • E-Mail: patrick@buscovich.com

Board of Supervisor City Hall San Francisco, CA Job Number: 14.145

July 8,2016

3516 Folsom Rahul ShaI

Patrick Buscovich Civil Engineer

The following is a Civil Engineering Study and analysis of the proposed "Street": It is Current and unimproved dirt hill

- The Bureau of Street Use and Mapping (BSUM) have standards for street design and construction for the city to maintain a street after it is built. The current design is so out of conformance with city standards, the city will never accept this street for maintence. The street has varying slope from the intersection up the hill and the sidewalks are not level with each other. Warping of a street like this is not allowed. The fronting property owner will then have to maintain this street in perpetuity. In Addition, drainage down the street may flood the downhill homes
- This proposed street will be one of the steepest streets in San Francisco at +/- 36% slope. It will be 16 feet wide with no vehicle turn around at the top. It is a dead end street. Streets this steep are almost always thru streets or at a minimum have a turnaround. Without a turn around at the top, cars will back down the street in reverse. California vehicle code (CVC) discourages this manuever due to loosing control of a vehicle.
- Most vehicles, other than a specialized car, will not be able to drive onto this dead end street and into the houses. Most passenger cars will stop at the corner of Folsom & Chapman and park.
- It will be a challenge to turn around and change direction on this street in a vehicle, based upon the narrow width of 16 feet and extreme slope. Average cars length range from 15 feet to 18 feet long. It will be difficult to have an average car turn from uphill, to 90° to curb, to down hill. At 16 foot wide, an 18 foot car does not fit in the 90° position. Further, at 36° slope, vehicles with a medium to high center of mass will experience "tipping over" when turning around in the 90°

position. Thus any vehicle that are tall (i.e. mail truck, pick up, delivery van, garbage truck, etc) or have a long wheel base (sedan) will not be able to drive onto this dead end street. The only passenger car that could use this dead end street is low height, short wheel base, compact cars. Backing down the hill is not going to be a viable or safe solution. Ironically, the only vehicle that can turn around on this street (i.e. compact car) will not be able to transverse the base of the dead end street. The base is a flat intersection, a transition section and a steep hill (36°). Most cars will bottom out the tail pipe going uphill or the front fender going down. Even with a transition section of the street going from flat  $0^{\circ}$ , a short transition of 18° and then street 36° is not enough. No extension of car beyond the rear wheel or front wheel will work. To cross the intersection and go up/down this street will require a car with no front or rear end. This vehicle will also need to cross a very steep sidewalk and down a warp driveway; this will require a high undercarriage. A compact car with a high undercarriage and no front or rear end. The only vehicle that meets this description is a off road Jeep. It is short, has a low center of mass, high undercarriage clearance and no front or rear end. It is not a passenger vehicle. It is for off road driving which is what will be required to drive this hill. This vehicle is not meant for speed in excess of 50 MPH.

It is also important to note that garbage truck will not go up this street and Recology will not walk up the street to pick up recycling. Recycling bins will have to be left at the corner of Folsom and Chapman. With two homes now and two proposed with 4 more sites ready, the size of this garbage zone will be large. There is no sidewalk envision at the corner so no garbage zone is available. This is problem that needs to be addressed now in the street design for these homes to be livable.

Additionally, the mail truck will not go up this street. The mailman will have to hike up this street leaving his truck at the corner. This will potentially

create a traffic issue at the intersection of Folsom and Chapman. I also hope that the project sponsor has talked to the US Postal Service to confirm they will hike the street to deliver the mail. Otherwise, a mail boxed will be required by the USPS at the intersection of Chapman and Folsom. There is no location I see that works for a mail box, let alone the recycle garbage bin zone.

The proposed two homes will need off street vehicle parking. Plausibly one vehicle could be a true off road Jeep, which could drive this street. The jeep will also be able to traverse the sidewalk cross slope. Most passenger vehicles can not traverse the extremely warped driveway. Exiting the garage and backing up the driveway will create a blind spot for the driver. At a minimum, a second car will be used at this house. Due to the steepness of Bernal I question the viability of a bike to replace a car but at a minimum, one addition car will be used for a house of this size. This second car is not going to be a jeep but a passenger car. This car will not be able to use the garage parking in the house but will use Street Parking. On this 16 foot section of Folsom St. there is no street parking. For planning purpose, six home time 1 car per home need to be accounted for neighborhood parking. For guest visits, more parking will be require. A simple study shows the need for 10 additional street parking spot in a neighbor with an acute shortage of on street parking. These "10 cars" not go up and down the street or across the sidewalk down the warped driveway. There is no street parking in front of these homes. These 10 cars are going to park in a 200 foot walking radius on the adjoining block of Folsom street, below the intersection or the adjoining block of Chapman. In this walking radius there are roughly 50 to 60 street parking spots that are almost always full. Adding 20% more parking is impossible. The garage in these homes will not work and a 16 foot wide Street with no street parking in front of homes will congest parking in this neighbor and will cause issues with Proposition Statement 2 "neighborhood character is

conserved and protected". I am also concerned that this parking congestion issue will impede emergency vehicles ( Police, Fire, and EMS).

### Summary

In summary, the vehicle issue and parking demand will create a traffic mess for this neighborhood. This problem has simply not even been addressed by the project sponsor. It will be borne by the neighborhood. This problem is exacerbating by the size of the homes and number of bedroom proposed by the project by the project sponsor. This will be the steepest street with driveways in San Francisco, if not the State. In addition, the lack of thru or turn around will, in my professional opinion, create a significant raffic and parking problem.

Sincerely Patrick Bus

### Patrick Buscovich & Associates Structural Engineers, Inc.

235 MONTGOMERY STREET, SUHTE 823, SAM FRANCISCO, CAUFORNIA 94 (04-3105 \* TEL. (415) 780-2708 FAX; (415) 789-0650

### Patrick Buscovich S.E.

Education:

University of California, Berkeley

- Bachelors of Science, Civil Engineering 1978 - Masters of Science, Structural Engineering 1979

Organizational:

State of California, Building Standards Commission

Commissioner 2000 - 2002

City & County of San Francisco, Department of Building Inspection (DBI)

Commissioner\Vice President 1995 - 1996 Chair, SF Housing Code Update 1995

2005 -- 2006

UMB Appeals Board Code Advisory Committee 1990 - 1992

Chair of Section 104 Sub-Committee. Structural Engineers Association of Northern California (SEAONC)

President

1997 1998

Vice President

1996 - 1997

Board of Directors

1994 - 1999

College of Fellows Edwin Zacher Award

Elected 2002

1999

Structural Engineers Association of California (SEAOC)

Board of Directors 1996 - 2000

Applied Technology Council (ATC) President 2007 - 2008

Board of Directors

2000 - 2009

Licenses:

California, Civil Engineer C32863, 1981

Structural Engineer S2708, 1985

Experience:

Patrick Buscovich and Associates, Structural Engineer – Senior Principal (1990 to Present)

Specializing in Existing Buildings, Seismic Strengthening/Structural Rehabilitation, Building Code/Permit Consultation, Peer Review, Expert Witness/Forensic

- Code Consulting and Peer Review for projects in San Francisco (Planning Department, Fire Preventing, Street Use & Mapping, Building Department, Board of Appeals).
- Permit Consultant in San Francisco (DBI, DCP, SFFD, BSUM & BOA),
- Expert Witness/Forensic Engineering/Collapse & Failure Analysis
- Scismic Retrofit Consultation.
- Member of the following SEAONC/DBI Committees:
  - Committee to revise San Francisco Building Code Section 104F/3304.6.
  - 1988-1990 Committee to draft San Francisco UMB ordinance.
    - 1993 Committee to revise the San Francisco UMB ordinance.
    - SEONC Blue-Ribbon panel to revise earthquake damage (rigger, 1998 Secretary, Blue Ribbon Panel on seismic amendments to the 1998 SPBC,
  - Secretary, Blue Ribbon Panel Advising The San Francisco Building Department on CAPSS.
- Co-Authored of the following SF Building Code Sections.
- EQ damage trigger SFBC 3404.7.2, Repair 3405.1.3, Change of Occupancy 3408.4.1., Lateral Forces Existing Building 1604 11 1
- Author SFBC Administrative Bulletin: AB102 (Seismic alteration) & AB103 (CFC)
- Coordinator/Speaker for SEAONC San Francisco UMB Seminars 1992, 1993 & 1994,
- Speaker at 2009 SEAONC Seminar on San Francisco UMB Code, 1850 to Present.
- Member of 1993 San Francisco UMB Bond Advisory Board,
- Speaker at numerous San Francisco Department of Building Inspection Seminars on UMB.
- Speaker at numerous code workshops for the San Francisco Department Building Inspection.
- Co-author of 1990 San Francisco UMB Appeals Board Legislation
- Co-mittior of San Francisco Building Code Earthquake Damage Trigger for Seismic Upgrade, Committee Rewrite 2008.
- As a San Francisco Building Commissioner;

Directed formulation of Building Occupancy Resumption Plan (BORP)

Choiced the 1995 update on the San Francisco Housing Code.

Directed formulation of UMB tenant protection program

- Consultant to the City of San Prancisco for evaluation of buildings damaged in the Loma Prieta Earthquake (October 17, 1989) to assist the Bureau of Building Inspection regarding shoring or demolition of "Red-Tagged" structures (SOHA),
- Consultant to San Francisco Department of Building Inspection on the Edgebill Land Stide 1997.
- Consultant to 100's of private clients for evaluating of damage to their buildings from the October 17, 1989 Loma Priota Earthquake.
- Project Administrator for multi-team seismic investigation of San Francisco City-owned Buildings per Proposition A, 1989 (\$350 million bond). (SOHA).
- Project Manager for seismic strengthening of the Marin Civic Center (SOHA).
- Structural Engineer for the Orpheum Theater, Curran Theater and Golden Gate Theater,
- Consultant on numerous downtown SF High Risc Buildings.
- Rehabilitation & Seismic Strengthening design for 1000's of commercial and residential buildings in San Francisco.
- Commercial Tenant Improvement
- Structure Rehabilitation of Historic Building,
- Structural consultant for 1000's of single family homes and apartment buildings alteration in San Francisco

### Previous Employment

- SOHA 1980-1990, Associate
- PMB 1979-1980, Senior Designer

### Public Service:

Association of Bay Area Government - Advisory Panels

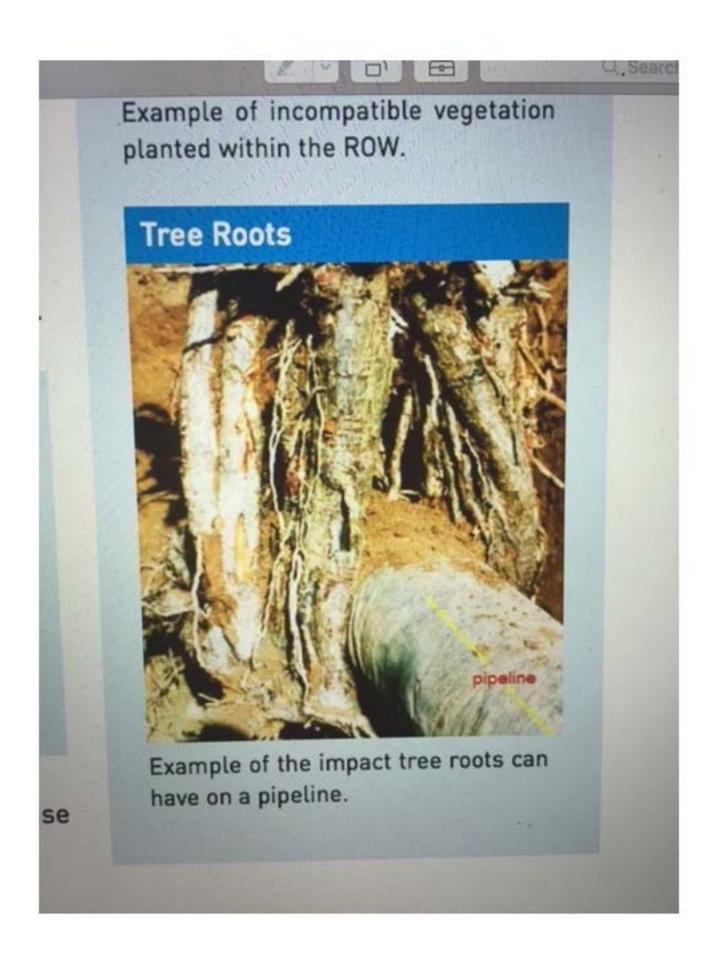
Holy Family Day Home - Board of Director

Community Action Plan for Seismic Safety (CAPPS), Advisory Panel.

Awards:

Congressional Award, 2003.

SFDBI Certificate of Recognition, 1996.



Trees, large bushes and structures are not permitted within the pipeline right-of-way.

Keeping the right-of-way clear maintains the integrity of the pipeline and increases public safety.

### TO REPORT A GAS LEAK OR OTHER EMERGENCY CALL:

QUESTAR GAS......1-800-767-1689

QUESTAR PIPELINE or

QUESTAR OVERTHRUST ......1-800-300-2025

QUESTAR SOUTHERN

TRAILS PIPELINE ......1-800-261-0668

# Trees and their potential to damage pipelines

uestar is an integrated natural gas company headquartered in Salt Lake City, Utah. Through subsidiaries Questar Gas, Questar Pipeline, Questar Southern Trails Pipeline, and Questar Overthrust Pipeline, the corporation owns and operates 29,000 miles of transmission and distribution pipelines in the western United States.

This brochure explains why planting deep-rooted vegetation, specifically trees, in Questar's pipeline rights-of-way is not permitted.







01/09



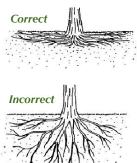
59090

### TREES & THEIR POTENTIAL TO DAMAGE PIPELINES

### THE TRUTH ABOUT ROOTS

Tree roots are commonly depicted as a mirror image of the branches above. This is not an accurate picture of how tree

roots actually grow. In fact, a tree's roots typically spread much further than its branches. Tree roots are also generally shallower than expected, with 90 percent of the roots contained in the first three feet of soil depth. However, if tree roots can get oxygen, they will reach deeper in search of water and nutrients. These deeper roots pose potential risks for pipeline safety.



### **PIPELINE SAFETY VS. ROOTS**

Trees planted too close to a pipeline can cause several potential safety-related problems. Roots follow the path of least resistance and grow easily in the less compact soils that typically surround a buried pipeline.

As roots continue to grow around the pipeline, they can damage the protective coating on the pipe. The protective coating helps to minimize corrosion on the pipeline.

As the trees and roots grow larger the risk to the pipeline increases.

If the tree is uprooted in a storm, it could rupture or severely damage the pipeline.





These are the most common examples of how trees planted too near a pipeline can cause damage and leaks that put the community at risk and may possibly disrupt service to our customers.

### MAINTENANCE AND EMERGENCY ACCESS

In order for maintenance or emergency response equipment to investigate or remedy a problem, trees, large bushes and shrubs, and structures including landscaping (e.g. rock walls) and fences that limit access to the pipeline or our rights-of-way must be removed. Obstacles like these can increase the time it takes to access the pipeline if there's a problem and may make the situation more dangerous.

### LANDSCAPING

Deep-rooted plants and trees, and retaining walls, are not permitted within the right-of-way. Grasses, low-growing plants and shrubs, and gardens may be planted within the right-of-way. If landscaping is disturbed during Questar's maintenance activities, the property owner is responsible for restoration.

### **CALL BEFORE YOU DIG**

Before doing any digging or excavating, always dial 811 at least 48 hours ahead of time. Someone will come and mark the location of buried pipelines and other utilities for no charge.



### ADDITIONAL INFORMATION

For additional information about Questar's operations or facility locations, visit www.questar.com or contact:

Questar Gas Call Center ...... 801-324-5111

Questar Pipeline Co. Operations Center.... 307-382-8882

Questar Southern Trails Pipeline ...... 307-382-8882

180 East 100 South P.O. Box 45360 Salt Lake City, UT 84145-0360

For information about Questar's Public Awareness Programs contact: Questar Corporate Communication Department at 801-324-5548





### **SPECIAL PUBLICATION 117**

### GUIDELINES FOR EVALUATING AND MITIGATING SEISMIC HAZARDS IN CALIFORNIA

Adopted March 13, 1997 by the State Mining and Geology Board in Accordance with the Seismic Hazards Mapping Act of 1990

Copies of these Guidelines, California's Seismic Hazards Mapping Act, and other related information are available on the World Wide Web at Copies also are available for purchase from the Public Information Offices of the California Geological Survey.

### CALIFORNIA GEOLOGICAL SURVEY'S PUBLIC INFORMATION OFFICES:

Southern California Regional Office 655 South Hope Street, Suite 700 Los Angeles, CA 90017-3231 (213) 239-0878 Publications and Information Office 801 K Street, MS 14-33 Sacramento, CA 95814-3532 (916) 445-5716 Bay Area Regional Office 185 Berry Street, Suite 210 San Francisco, CA 94107-1728 (415) 904-7707

### Contents

ACKNOWLEDGMENTS	4
CHAPTER 1 - INTRODUCTION	
CHAPTER 2 - DEFINITIONS, CAVEATS, AND GENERAL CONSIDERATIONS	
Definitions	
Caveats	
Relationship of these Guidelines to Local General Plans and Permitting Ordinances	
Relationship of these Guidelines to the CEQA Process and Other Site Investigation Requirements	
Criteria for Project Approval	
CHAPTER 3 - OVERVIEW OF INVESTIGATIONS FOR ASSESSING SEISMIC HAZARDS	
Introduction	
Items to Consider in the Site Investigation Study	
Screening Investigation	
Quantitative Evaluation of Hazard Potential	
Content of Reports	16
CHAPTER 4 - ESTIMATION OF EARTHQUAKE GROUND-MOTION PARAMETERS	18
Introduction	
Simple Prescribed Parameter Values (SPPV)	
Probabilistic Seismic Hazard Analysis (PSHA)	
Deterministic Seismic Hazard Analysis (DSHA)  Selection of a Site-Specific Design Strong-Motion Record	
CHAPTER 5 - ANALYSIS AND MITIGATION OF EARTHQUAKE-INDUCED LANDSLIDE HAZARDS	
Screening Investigations for Earthquake-Induced Landslide Potential	23
Quantitative Evaluation of Earthquake-Induced Landslide Potential	
Evaluation of Potential Earthquake-Induced Landslide Hazards	
CHAPTER 6 - ANALYSIS AND MITIGATION OF LIQUEFACTION HAZARDS	
Screening Investigations for Liquefaction Potential	
Quantitative Evaluation of Liquefaction Resistance	
Evaluation of Potential Liquefaction Hazards	
CHAPTER 7 - GUIDELINES FOR REVIEWING SITE-INVESTIGATION REPORTS	
The Reviewer	
REFERENCES CITED	
RELATED REFERENCES	
APPENDIX A SEISMIC HAZARDS MAPPING ACT	
ALLENDIA A DEIDINIC HAZANDO MALLING ACL	117

APPENDIX B SEISMIC HAZARDS MAPPING REGULATIONS	74	
APPENDIX C TECHNICAL TERMS AND DEFINITIONS	78	
APPENDIX D SOURCES OF STRONG-MOTION RECORDS	79	
APPENDIX E GEOLOGIC ENVIRONMENTS LIKELY TO PRODUCE EARTHQUAKE-INDUCED LANDSLIDES	80	
ILLUSTRATIONS		
Figure 1. Approximate range of pseudo-static seismic coefficient "k" for anticipated factor of safety as proposed literature		
Table 1. Definition of "Project"	9	
Table 2. Recommended content for site-investigation reports within zones of required investigation		
Table 3. Relative abundance of earthquake-induced landslides from 40 historical earthquakes		
Table 4. Comparative advantages of SPT and CPT methods		

### **ACKNOWLEDGEMENTS**

Many people contributed their time and effort to the creation of this document. An asterisk (\*) indicates that the listed contributor participated in the past and is no longer a committee or board member.

### **State Mining and Geology Board:**

DeWayne Holmdahl, Chairman Julie Mann, Vice Chairman Sands Figuers Alvin Franks Robert Grunwald Raymond Krauss Robert Munro Sheila M. Murphy Lee Thibadeau I.M. Idriss\* John G. Parrish, Executive Officer

### Seismic Hazards Mapping Act Advisory Committee:

Bruce R. Clark, Leighton and Associates, Chair Edward Baum, AAA of Southern California Kenneth Blackman, City of Santa Rosa John Buzas, County of Orange Richard Clinton, Fireman's Fund\* Robert D. Darragh, Dames & Moore Sands Figuers, Norfleet Consultants Paul Flores, Office of Emergency Services\* Alvin Franks, Consultant Diane Guzman, County of Santa Cruz\*
Sheila M. Murphy, City of Los Angeles
Jeanne Perkins, Association of Bay Area
Governments
Allan Porush, Dames & Moore
Richard Roth, Department of Insurance
William U. Savage, Pacific Gas and Electric
J. Carl Stepp, Electric Power Research Institute\*

### **Amplified Ground Motion Working Group:**

William U. Savage, Pacific Gas and Electric, Chair Norm Abrahamson, Consultant Roger Borcherdt, U.S. Geological Survey\* Allin Cornell, Stanford University\* Kevin Coppersmith, Geomatrix\* William Holmes, Rutherford and Chekene\* I.M. Idriss, University of California-Davis\* William Joyner, U.S. Geological Survey\* Yoshiharu Moriwaki, Woodward Clyde Consultants\*
Jeanne Perkins, Association of Bay Area
Governments
Allan Porush, Dames & Moore
Edward Rinne, Kleinfelder, Inc.\*
J.P. Singh, GeoSpectra\*
Paul Somerville, Woodward Clyde Consultants\*
J. Carl Stepp, Electric Power Research institute,
Former Chair\*

### Liquefaction Hazards Working Group:

Robert D. Darragh, Dames & Moore, Chair Robert Hawk, City of San Diego\* I.M. Idriss, University of California-Davis William Lettis, William Lettis and Associates Maurice Power, Geomatrix Consultants Ray Seed, University of California John Tinsley, U.S. Geological Survey T. Leslie Youd, Brigham Young University

### **Earthquake-Induced Landslides Working Group:**

Bruce R. Clark, Leighton and Associates, Chair William Cotton, Cotton and Associates\*
Diane Guzman, County of Santa Cruz\*
Thomas Holzer, U.S. Geological Survey\*
Randall Jibson, U.S. Geological Survey

David Keefer, U.S. Geological Survey\*
Robert Larson, County of Los Angeles Department
of Public Works
Scott Lindvall, Harza/LRB
J. David Rogers, Rogers/Pacific

### Planning and Implementation Working Group:

Kenneth Blackman, City of Santa Rosa, Chair Edward Baum, AAA of Southern California John Buzas, County of Orange Richard Eisner, Office of Emergency Services\* Diane Guzman, County of Santa Cruz\* George Mader, William Spangle and Associates\* Jeanne Perkins, Association of Bay Area Governments Richard Roth, Department of Insurance Thomas Tobin, California Seismic Safety Commission\* Ken Topping, Consultant\*

### **Division of Mines and Geology Staff:**

James Davis, State Geologist
David J. Beeby, Principal Geologist
Michael Reichle, Supervising Geologist
Charles Real, Supervising Geologist
Allan Barrows, Senior Engineering Geologist
Timothy McCrink, Senior Engineering Geologist

Theodore Smith, Senior Engineering Geologist Robert Sydnor, Senior Engineering Geologist Earl Hart, Senior Geologist Mark DeLisle, Associate Engineering Geologist Mark Petersen, Associate Seismologist Bea McKamey, Land and Water Use Analyst

### CHAPTER 1

### INTRODUCTION

Prompted by damaging earthquakes in northern and southern California, in 1990 the State Legislature passed the Seismic Hazards Mapping Act. The Governor signed the Act, codified in the Public Resources Code as Division 2, Chapter 7.8 (see Appendix A), which became operative on April 1, 1991.

The purpose of the Act is to protect public safety from the effects of strong ground shaking, liquefaction, landslides, or other ground failure, and other hazards caused by earthquakes. The program and actions mandated by the Seismic Hazards Mapping Act closely resemble those of the Alquist-Priolo Earthquake Fault Zoning Act (which addresses only surface fault-rupture hazards) and are outlined below:

- 1. **The State Geologist** is required to delineate the various "seismic hazard zones."
- 2. Cities and Counties, or other local permitting authority, must regulate certain development "projects" within the zones. They must withhold the development permits for a site within a zone until the geologic and soil conditions of the project site are investigated and appropriate mitigation measures, if any, are incorporated into development plans.
- 3. **The State Mining and Geology Board** provides additional regulations, policies, and criteria, to guide cities and counties in their implementation of the law (see Appendix B). The Board also provides guidelines for preparation of the Seismic Hazard Zone Maps (available at http://www.consrv.ca.gov/dmg/shezp/zoneguid.html) and for evaluating and mitigating seismic hazards (this document).
- 4. **Sellers (and their agents)** of real property within a mapped hazard zone must disclose that the property lies within such a zone at the time of sale.

This document constitutes the guidelines for evaluating seismic hazards other than surface fault-rupture, and for recommending mitigation measures as required by Public Resources Code Section 2695(a). Nothing in these Guidelines is intended to conflict with or supersede any requirement, definition, or other provision of Chapter 7.8 of the Public Resources Code; California Code of Regulations, Title 14, Division 2, Chapter 8, Article 10; the Business and Professions Code; or any other state law or regulation.

### **Objectives**

The objectives of these Guidelines are twofold:

1. To assist in the evaluation and mitigation of earthquake-related hazards for projects within designated zones of required investigations; and

2. To promote uniform and effective statewide implementation of the evaluation and mitigation elements of the Seismic Hazards Mapping Act.

The Guidelines will be helpful to the owner/developer seeking approval of specific development projects within zones of required investigation and to the engineering geologist and/or civil engineer who must investigate the site and recommend mitigation of identified hazards. They will also be helpful to the lead agency engineering geologist and/or civil engineer who must complete the technical review, and other lead agency officials involved in the planning and development approval process. Effective evaluation and mitigation ultimately depends on the combined professional judgment and expertise of the evaluating and reviewing professionals.

The methods, procedures, and references contained herein are those that the State Mining and Geology Board, the Seismic Hazards Mapping Act Advisory Committee, and its Working Groups believe are currently representative of quality practice. Seismic hazard assessment and mitigation is a rapidly evolving field and it is recognized that additional approaches and methods will be developed. If other methods are used, they should be justified with appropriate data and documentation.

For a general description of the Department's Seismic Hazards Mapping Program, its products and their uses, refer to the User's Guide (available in draft form on the World-Wide Web at http://www.consrv.ca.gov/dmg/shezp/userguid.html). A hard-copy edition of the User's Guide will be available later in 1997.

### **CHAPTER 2**

### **Definitions, Caveats, and General Considerations**

### **Definitions**

Key terms that will be used throughout the Guidelines are defined in the Act and related regulations. These are:

- "Seismic Hazards Mapping Act"— California Public Resources Code Sections 2690 and following, included as Appendix A.
- "Seismic Hazards Mapping Regulations"— California Code of Regulations (CCR), Title 14, Division 2, Chapter 8, Article 10, included as Appendix B.
- "Owner/Developer" is defined as the party seeking permits to undertake a "project", as defined below.
- "Mitigation" means those measures that are consistent with established practice and reduce seismic risk to "acceptable levels" [Public Resources Code (PRC) Section 2693(c)].
- "Acceptable level" of risk means that level that provides reasonable protection of the public safety, though it does not necessarily ensure continued structural integrity and functionality of the project [CCR Title 14, Section 3721(a)].
- "Lead agency" means the state agency, city, or county with the authority to approve projects [CCR Title 14, Section 3721(b)].
- "Certified Engineering Geologist" means an engineering geologist who is certified in the State of California [CCR Title 14, Section 3721(c); Business and Professions Code (BPC) Sections 7804 and 7822] and practicing in his or her area of expertise. These professionals will be referred to throughout these Guidelines as "engineering geologists." See page 8 (Engineers or Geologists— Who Does What?) for a discussion of scope of involvement in site-investigation reports and related reviews.
- "Registered Civil Engineer" means a civil engineer who is registered in the State of California [CCR Title 14, Section 3721(c); BPC Sections 6701-6704] and practicing in his or her area of expertise. These professionals will be referred to throughout these Guidelines as "civil engineers." See page 8 (Engineers or Geologists—Who Does What?) for a discussion of scope of involvement in site-investigation reports and related reviews.
- "Site-Investigation Report" means a report prepared by a certified engineering geologist and/or a civil engineer practicing within the area of his or her competence, which documents the results of an investigation of the site for seismic hazards and recommends

mitigation measures to reduce the risk of identified seismic hazards to acceptable levels. In PRC Section 2693(b) and elsewhere, this report is referred to as a "geotechnical report."

- The term "**Project**" is defined by the Seismic Hazards Mapping Act as any structures for human occupancy, or any subdivision of land that contemplates the eventual construction of structures for human occupancy. Unless lead agencies impose more stringent requirements, single-family frame dwellings are exempt unless part of a development of four or more dwellings. (The definition is complex; see Table 1 for specific language.)
- "Seismic Hazard Zone Maps" are maps issued by the State Geologist under PRC Section 2696 that show zones of required investigation.
- "Seismic Hazard Evaluation Reports" document the data and methods used by the State Geologist to develop the "Seismic Hazard Zone Maps."
- "Zones of Required Investigation," referred to as "Seismic Hazard Zones" in CCR Section 3722, are areas shown on Seismic Hazard Zone Maps where site investigations are required to determine the need for mitigation of potential liquefaction and/or earthquake-induced landslide ground displacements.

Definitions of technical terms appear in Appendix C.

### **Caveats**

### **Minimum Statewide Safety Standard**

Based on the above definitions of "mitigation" and "acceptable risk," the Seismic Hazards Mapping Act and related regulations establish a statewide minimum public safety standard for mitigation of earthquake hazards. This means that the minimum level of mitigation for a project should reduce the risk of ground failure during an earthquake to a level that does not cause the collapse of buildings for human occupancy, but in most cases, **not** to a level of no ground failure at all. However, nothing in the Act, the regulations, or these Guidelines precludes lead agencies from enacting more stringent requirements, requiring a higher level of performance, or applying these requirements to developments other than those that meet the Act's definition of "project."

### **Areal Extent of Hazard**

The Seismic Hazard Zone Maps are developed using a combination of historic records, field observations, and computer-mapping technology. The maps may not identify all areas that have potential for liquefaction, earthquake-induced landsliding, strong ground shaking, and other earthquake and geologic hazards. Although past earthquakes have caused ground failures in only a small percentage of the total area zoned, a worst-case scenario of a major earthquake during or shortly after a period of heavy rainfall is something that has not occurred in northern California

#### TABLE 1. Definition of "Project"

#### **Public Resources Code Section 2693.**

As used in [Chapter 7.8, the Seismic Hazards Mapping Act]:

- (d) "Project" has the same meaning as in Chapter 7.5 (commencing with Section 2621), except as follows:
  - (1) A single-family dwelling otherwise qualifying as a project may be exempted by the city or county having jurisdiction of the project.
  - (2) "Project" does not include alterations or additions to any structure within a seismic hazard zone which do not exceed either 50 percent of the value of the structure or 50 percent of the existing floor area of the structure.

#### **Public Resources Code Section 2621.6.**

- (a) As used in (Chapter 7.5, the Alquist-Priolo Earthquake Fault Zoning Hazard Act), "project" means either of the following:
  - (1) Any subdivision of land which is subject to the Subdivision Map Act (Division 2 (commencing with Section 66410) of Title 7 of the Government Code), and which contemplates the eventual construction of structures for human occupancy.
  - (2) Structures for human occupancy, with the exception of either of the following:
    - (A) Single-family wood-frame or steel-frame dwellings to be built on parcels of land for which geologic reports have been approved pursuant to paragraph (1).
    - (B) A single-family wood-frame or steel-frame dwelling not exceeding two stories when that dwelling is not part of a development of four or more dwellings.
- (b) For the purposes of this chapter, a mobile home whose body width exceeds eight feet shall be considered to be a single-family wood-frame dwelling not exceeding two stories.

# California Code of Regulations Section 3601 (Policies and Criteria of the State Mining and Geology Board, With Reference to the Alquist-Priolo Earthquake Fault Zoning Act).

The following definitions as used within the Act and herein shall apply:

- (e) A "structure for human occupancy" is any structure used or intended for supporting or sheltering any use of occupancy, which is expected to have a human occupancy rate of more than 2,000 person-hours per year.
- (f) Story" is that portion of a building included between the upper surface of any floor and the upper surface of the floor next above, except that the topmost story shall be that portion of the building included between the upper surface of the topmost floor and the ceiling or roof above. For the purpose of the Act and this subchapter, the number of stories in a building is equal to the number of distinct floor levels, provided that any levels that differ from each other by less than two feet shall be considered as one distinct level."

since 1906, and has not been witnessed in historic times in southern California. The damage from such an event in a heavily populated area is likely to be more widespread than that experienced in the 1971 San Fernando earthquake, the 1989 Loma Prieta earthquake, or the 1994 Northridge earthquake.

# Off-Site Origin of Hazard

The fact that a site lies outside a zone of required investigation does not necessarily mean that the site is free from seismic or other geologic hazards, regardless of the information shown on the Seismic Hazard Zone Maps. The zones do not always include landslide or lateral spread run-out areas. Project sites that are outside of any zone may be affected by ground failure runout from adjacent or nearby sites.

Finally, neither the information on the Seismic Hazard Zone Maps, nor in any technical reports that describe how the maps were prepared nor what data were used, is sufficient to serve as a substitute for the required site-investigation reports called for in the Act.

# **Relationship of these Guidelines to Local General Plans and Permitting Ordinances**

Public Resources Code Section 2699 directs cities and counties to "take into account the information provided in available seismic hazard maps" when it adopts or revises the safety element of the general plan and any land-use planning or permitting ordinances. Cities and counties should consider the information presented in these guidelines when adopting or revising these plans and ordinances.

# Relationship of these Guidelines to the CEQA Process and Other Site Investigation Requirements

Nothing in these guidelines is intended to negate, supersede, or duplicate any requirements of the California Environmental Quality Act (CEQA) or other state laws and regulations. At the discretion of the lead agency, some or all of the investigations required by the Seismic Hazards Mapping Act may occur either before, concurrent with, or after the CEQA process or other processes that require site investigations.

Some of the potential mitigation measures described herein (e.g., strengthening of foundations) will have little or no adverse impact on the environment. However, other mitigation measures (e.g., draining of subsurface water, driving of piles, densification, extensive grading, or removal of liquefiable material) may have significant impacts. If the CEQA process is completed prior to the site-specific investigation, it may be desirable to discuss a broad range of potential mitigation measures (any that might be proposed as part of the project) and related impacts. If, however, part or all of the site-specific investigation is conducted prior to completion of the CEQA process, it may be possible to narrow the discussion of mitigation alternatives to only those that would provide reasonable protection of the public safety given site-specific conditions.

For hospitals, public schools, and essential service buildings, more stringent requirements are prescribed by the California Building Code (CCR Title 24). For such structures, the requirements of the Seismic Hazards Mapping Act are intended to complement the CCR Title 24 requirements.

# **Criteria for Project Approval**

The State's minimum criteria required for project approval within zones of required investigation are defined in CCR Title 14, Section 3724, from which the following has been excerpted:

"The following specific criteria for project approval shall apply within seismic hazard zones and shall be used by affected lead agencies in complying with the provisions of the Act:

- (a) A project shall be approved only when the nature and severity of the seismic hazards at the site have been evaluated in a geotechnical report and appropriate mitigation measures have been proposed.
- (b) The geotechnical report shall be prepared by a registered civil engineer or certified engineering geologist, having competence in the field of seismic hazard evaluation and mitigation. The geotechnical report shall contain site-specific evaluations of the seismic hazard affecting the project, and shall identify portions of the project site containing seismic hazards. The report shall also identify any known off-site seismic hazards that could adversely affect the site in the event of an earthquake. The contents of the geotechnical report shall include, but shall not be limited to, the following:
  - (1) Project description.
  - (2) A description of the geologic and geotechnical conditions at the site, including an appropriate site location map.
  - (3) Evaluation of site-specific seismic hazards based on geological and geotechnical conditions, in accordance with current standards of practice.
  - (4) Recommendations for appropriate mitigation measures as required in Section 3724(a), above.
  - (5) Name of report preparer(s), and signature(s) of a certified engineering geologist and/or registered civil engineer, having competence in the field of seismic hazard evaluation and mitigation.
- (c) Prior to approving the project, the lead agency shall independently review the geotechnical report to determine the adequacy of the hazard evaluation and proposed mitigation measures and to determine the requirements of Section 3724(a), above, are satisfied. Such reviews shall be conducted by a certified engineering geologist or registered civil engineer, having competence in the field of seismic hazard evaluation and mitigation."

Lead agencies can have other, more stringent criteria for project approval. The State Mining and Geology Board recommends that the official professional Registration or Certification Number and license expiration date of each report preparer be included in the signature block of the report. In

addition, Chapter 3 provides a list of topics that should be addressed in site-investigation reports prepared for liquefaction and/or earthquake-induced landslides.

# **Engineers or Geologists - Who Does What?**

The Act and Regulations state that the site-investigation reports must be prepared by a certified engineering geologist or registered civil engineer, who must have competence in the field of seismic hazard evaluation and mitigation, and be *reviewed* by a certified engineering geologist or registered civil engineer, also competent in the field of seismic hazard evaluation and mitigation. Although the Seismic Hazards Mapping Act does not distinguish between the types of licensed professionals who may prepare and review the report, the current Business and Professions Code (Geologist and Geophysicist Act, Section 7832; and Professional Engineers Act, Section 6704) restricts the practice of these two professions. Because of the differing expertise and abilities of engineering geologists and civil engineers, the scope of the site-investigation report for the project may require that both types of professionals prepare and review the report, each practicing in the area of his or her expertise. Involvement of both engineering geologists and civil engineers will generally provide greater assurance that the hazards are properly identified, assessed, and mitigated.

The State Mining and Geology Board recommends that engineering geologists and civil engineers conduct the assessment of the surface and subsurface geological/geotechnical conditions at the site, including off-site conditions, to identify potential hazards to the project. It is appropriate for the civil engineer to design and recommend mitigation measures. It also is appropriate for both engineering geologists and civil engineers to be involved in the implementation of the mitigation measures—engineering geologists to confirm the geological conditions and civil engineers to oversee the implementation of the approved mitigation measures.

# **CHAPTER 3**

# OVERVIEW OF INVESTIGATIONS FOR ASSESSING SEISMIC HAZARDS

# Introduction

Investigation of potential seismic hazards at a site can be performed in two steps or stages: (1) a preliminary **screening investigation**, and (2) a **quantitative evaluation** of the seismic hazard potential and its consequences. As noted below, it is possible to successfully complete the investigation by skipping one or the other stage. For example, a consultant's screening investigation may find that a previous site-specific investigation, on or adjacent to the project site, has shown that no seismic hazards exist, and that a quantitative evaluation is not necessary. Conversely, a consultant may know from experience that a project site is susceptible to a given hazard, and may opt to forego the screening investigation and start with a quantitative evaluation of the hazard.

Some lead agency reviewers recommend that for large projects the developer's consultant(s) meet with the lead agency technical reviewer prior to the start of the site investigation. This allows the consultant and technical reviewer to discuss the scope of the investigation. Topics of this discussion may include the area to be investigated for various hazards, the acceptability of investigative techniques to be used, on-site inspection requirements, or other local requirements.

# **Items to Consider in the Site Investigation Study**

The following concepts are provided to help focus the site-investigation report:

- Consultants are encouraged to utilize, if possible, the latest California Department of
  Conservation, Division of Mines and Geology (DMG) seismic ground-motion parameter data.
  This information is available in DMG's Seismic Hazard Evaluation Reports. The hazard zone
  mapping procedure for liquefaction and earthquake-induced landsliding utilizes state-of-the-art
  probabilistic ground-motion parameters developed jointly by the DMG and the U.S. Geological
  Survey, and published by the DMG (Petersen and others, 1996).
- 2. The fact that a site lies within a mapped zone of required investigation does not necessarily indicate that a hazard requiring mitigation is present. Instead, it indicates that regional (that is, not site-specific) information suggests that the probability of a hazard requiring mitigation is great enough to warrant a site-specific investigation. However, the working premise for the planning and execution of a site investigation within Seismic Hazard Zones is that *the suitability of the site should be demonstrated*. This premise will persist until either: (a) the site investigation satisfactorily demonstrates the absence of liquefaction or landslide hazard, or (b) the site investigation satisfactorily defines the liquefaction or landslide hazard and provides a suitable recommendation for its mitigation.

- 3. The fact that a site lies outside a mapped zone of required investigation does not necessarily mean that the site is free from seismic or other geologic hazards, nor does it preclude lead agencies from adopting regulations or procedures that require site-specific soil and/or geologic investigations and mitigation of seismic or other geologic hazards. It is possible that development proposals may involve alterations (for example, cuts, fills, and/or modifications that would significantly raise the water table) that could cause a site outside the zone to become susceptible to earthquake-induced ground failure.
- 4. Lead agencies have the right to approve (and the obligation to reject) a proposed project based on the findings contained in the site-investigation report and the lead agency's technical review. The task of the developer's consulting engineering geologist and/or civil engineer is to demonstrate, to the satisfaction of the lead agency's technical reviewer, that:
- The site-specific investigation is sufficiently thorough;
- The findings regarding identified hazards are valid; and
- The proposed mitigation measures achieve an acceptable level of risk, as defined by the lead agency and CCR Title 14, Section 3721(a).

# **Screening Investigation**

The purpose of screening investigations for sites within zones of required investigation is to evaluate the severity of potential seismic hazards, or to screen out sites included in these zones that have a low potential for seismic hazards. If a screening investigation can **clearly** demonstrate the absence of seismic hazards at a project site, and if the lead agency technical reviewer concurs with this finding, the screening investigation will satisfy the site-investigation report requirement and no further investigation will be required. If the findings of the screening investigation cannot demonstrate the absence of seismic hazards, then the more-comprehensive quantitative evaluation needs to be conducted.

The documents reviewed should be both regional and, if information is available, site-specific in scope. The types of information reviewed during a screening investigation often includes topographic maps, geologic and soil engineering maps and reports, aerial photographs, water well logs, agricultural soil survey reports, and other published and unpublished references. The references used should focus on current journals, maps, reports, and methods. Seismic Hazard Evaluation Reports, which summarize the findings and data on which DMG's Seismic Hazard Zone Maps are based, can provide much of the regional geologic and seismic information needed for a screening investigation. Aerial photographs can be useful to identify existing and potential landslide and/or liquefaction features (headwall scarps, debris chutes, fissures, grabens, sand boils, etc.) that suggest or preclude the existence of ground failure hazards that might affect the site. Several sets of stereoscopic aerial photographs that pre-date project site area development, and taken during different seasons of the year are particularly useful for identifying subtle geomorphic features. A field reconnaissance of the area is highly recommended to verify the information developed in the earlier steps to fill in information in questionable areas, and to observe the surface features and details that could not be determined from other data sources.

# **Quantitative Evaluation of Hazard Potential**

# **Detailed Field Investigations – General Information Needs**

Within the zone of required investigations, the objective of the detailed field investigation is to obtain sufficient information on which the engineering geologist and/or civil engineer can evaluate the nature and severity of the risk and develop a set of recommendations for mitigation. In the case of projects where the property is to be subdivided and sold to others undeveloped, the aim of the investigation is to determine which parcels contain buildable sites that meet the previously defined acceptable level of risk. The work should be based upon a detailed, accurate topographic base map prepared by a registered civil engineer or land surveyor. The map should be of suitable scale, and should cover the area to be developed as part of the project, as well as adjacent areas: which affect or may be affected by the project.

The detailed field investigation commonly involves the collection of subsurface information from trenches or borings, on or adjacent to the site. The subsurface exploration should extend to depths sufficient to expose geologic and subsurface water conditions that could affect slope stability or liquefaction potential. A sufficient quantity of subsurface information is needed to permit the engineering geologist and/or civil engineer to extrapolate with confidence the subsurface conditions that might affect the project, so that the seismic hazard can be properly evaluated, and an appropriate mitigation measure can be designed by the civil.

The preparation of engineering geologic maps and geologic cross sections is often an important step to developing an understanding of the significance and extent of potential seismic hazards. These maps and/or cross sections should extend far enough beyond the site to identify off-site hazards and features that might affect the site.

# **Content of Reports**

The site investigation report should contain sufficient information to allow the lead agency's technical reviewer to satisfactorily evaluate the potential for seismic hazards and the proposed mitigation. No attempt is made here to define the limits of what constitutes a complete screening investigation or quantitative evaluation report. Site-specific conditions and circumstances, as well as lead agency requirements, will dictate which issues and what level of detail are required to adequately define and mitigate the hazard(s). The following list (Table 2) is provided to assist investigators and reviewers in identifying seismic hazard-related factors significant to the project. Not all of the information in the list will be relevant or required, and some investigations may require additional types of data or analyses.

# Table 2. Recommended content for site-investigation reports within zones of required investigations.

# Reports that address liquefaction and/or earthquake-induced landslides should include, but not necessarily be limited to, the following data:

- 1. Description of the proposed project's location, topographic relief, drainage, geologic and soil materials, and any proposed grading.
- 2. Site plan map of project site showing the locations of all explorations, including test pits, borings, penetration test locations, and soil or rock samples.
- 3. Description of seismic setting, historic seismicity, nearest pertinent strong-motion records, and methods used to estimate (or source of) earthquake ground-motion parameters used in liquefaction and landslide analyses.
- 4. 1:24,000 or larger-scale geologic map showing bedrock, alluvium, colluvium, soil material, faults, shears, joint systems, lithologic contacts, seeps or springs, soil or bedrock slumps, and other pertinent geologic and soil features existing on and adjacent to the project site.
- 5. Logs of borings, test pits, or other subsurface data obtained.
- 6. Geologic cross sections depicting the most critical (least stable) slopes, geologic structure, stratigraphy, and subsurface water conditions, supported by boring and/or trench logs at appropriate locations.
- 7. Laboratory test results; soil classification, shear strength, and other pertinent geotechnical data.
- 8. Specific recommendations for mitigation alternatives necessary to reduce known and/or anticipated geologic/seismic hazards to an acceptable level of risk.

### Reports that address earthquake-induced landslides may also need to include:

- 1. Description of shear test procedures (ASTM or other) and test specimens.
- 2. Shear strength plots, including identification of samples tested, whether data points reflect peak or residual values, and moisture conditions at time of testing.
- 3. Summary table or text describing methods of analysis, shear strength values, assumed groundwater conditions, and other pertinent assumptions used in the stability calculations.
- 4. Explanation of choice of seismic coefficient and/or design strong-motion record used in slope stability analysis, including site and/or topographic amplification estimates.
- 5. Slope stability analyses of critical (least-stable) cross sections, which substantiate conclusions and recommendations concerning stability of natural and as-graded slopes.
- 6. Factors of safety against slope failure and/or calculated displacements for the various anticipated slope configurations (cut, fill, and/or natural slopes).
- 7. Conclusions regarding the stability of slopes with respect to earthquake-induced landslides and their likely impact on the proposed project.
- 8. Discussion of proposed mitigation measures, if any, necessary to reduce damage from potential earthquake-initiated landsliding to an acceptable level of risk.
- 9. Acceptance testing criteria (e.g., pseudo-static factor of safety), if any, that will be used to demonstrate satisfactory remediation.

#### Reports that address liquefaction hazards may also need to include the following:

- 1. If methods other than Standard Penetration Test (SPT; ASTM D1586-92) and Cone Penetration Test (CPT; ASTM 3441-94) are used, description of pertinent equipment and procedural details of field measurements of penetration resistance (borehole type, hammer type and drop mechanism, sampler type and dimensions, etc.).
- 2. Boring logs showing raw (unmodified) N-values if SPT's are performed; CPT probe logs showing raw qc-values and plots of raw sleeve friction if CPT's are performed.
- Explanation of the basis and methods used to convert raw SPT, CPT, and/or other non-standard data to "corrected" and "standardized" values.
- 4. Tabulation and/or plots of corrected values used for analyses.
- 5. Explanation of methods used to develop estimates of field loading equivalent uniform cyclic stress ratios (CSReq) used to represent the anticipated field earthquake excitation (cyclic loading).

# Table 2. Recommended content for site-investigation reports within zones of required investigations.

- 6. Explanation of the basis for evaluation of the equivalent uniform cyclic stress ratio necessary to cause liquefaction (CSRliq) within the number of equivalent uniform loading cycles considered representative of the design earthquake
- 7. Factors of safety against liquefaction at various depths and/or within various potentially liquefiable soil units.
- 8. Conclusions regarding the potential for liquefaction and its likely impact on the proposed project.
- 9. Discussion of proposed mitigation measures, if any, necessary to reduce potential damage caused by liquefaction to an acceptable level of risk.
- 10. Criteria for SPT-based, CPT-based, or other types of acceptance testing, if any, that will be used to demonstrate satisfactory remediation.

# **CHAPTER 4**

# ESTIMATION OF EARTHQUAKE GROUND-MOTION PARAMETERS

#### Introduction

Quantitative analyses of in-situ liquefaction resistance and earthquake-induced landslide potential requires site-specific assessment of ground shaking levels suitable for those purposes. A simplified Seed-Idriss (1982) liquefaction analysis requires an estimation of peak ground acceleration (PGA) and earthquake magnitude. A pseudo-static slope stability analysis may require estimates of PGA and magnitude for the selection of an appropriate seismic coefficient. If a seismic site response analysis is needed, or if a finite element analysis, a Newmark analysis or a dynamic analysis is to be performed, a representative strong-motion record will need to be selected on the basis of site-specific ground-motion parameter estimates. The following sections of this Chapter provide guidance on the selection of site-specific ground-motion parameters and representative strong-motion records.

# **Simple Prescribed Parameter Values (SPPV)**

Probabilistic ground-motion parameter values on firm rock for PGA, predominant magnitude, and distance in the form of statewide maps have been jointly prepared by DMG and the U.S. Geological Survey for a 10 percent probability of exceedance over a 50-year period (Petersen and others, 1996). Versions of these maps covering a 7.5 minute quadrangle area at a scale of 1:100,000 are included in the Seismic Hazard Evaluation Reports that accompany Seismic Hazard Zone Maps. The predominant magnitude and distance maps are not dependent on site conditions, and can be used for site-specific purposes. PGA can be dependent on site conditions and several maps have been prepared to accommodate these differences, each based on site-dependent attenuation relations consistent with the soil profile types identified in the Uniform Building Code (ICBO, 1997). These maps are included in the Seismic Hazard Evaluation Reports issued by DMG, and can be used to obtain PGA as follows:

- Classify the site according to the procedures and soil profile types defined in Chapter 16 of the Uniform Building Code (ICBO, 1997), and interpolate PGA from the corresponding PGA map; or
- 2. Interpolate PGA from the representative bedrock PGA map, and apply an appropriate scaling factor based on the soil profile type; or Perform a site response analysis (e.g., using a finite-element or
- 3. Perform a site response analysis (e.g., using a finite-element or SHAKE program to simulate the effects of ground-motion propagating through a soil column). Bedrock PGA and predominant magnitude and distance obtained from the above maps can be used to select an appropriate strong-motion record for input into the response analysis.

PGA estimated by the above procedures may still require additional adjustment to account for topographic and basin effects. Use of the SPPV method is not recommended for sites located very near to seismic sources, where reliable ground-motion estimates may require consideration of near-field source effects.

# **Probabilistic Seismic Hazard Analysis (PSHA)**

Site-specific probabilistic seismic hazard analyses can be performed, and can supersede the SPPV-values of PGA for seismic hazard studies, even if PSHA studies result in adoption of a lower level of seismic ground motion. PSHA studies typically include the following:

- 1. A database consisting of potentially damaging earthquake sources, including known active faults and historic seismic source zones, their activity rates, and distances from the project site. This should include a comparison with DMG-developed slip rates for faults considered in the DMG statewide probabilistic seismic hazard map. Differences in slip rates should be documented and the reasons for them explained (for example, revised slip rates or new paleoseismic information from recent studies). DMG recommends that their earthquake source database be used directly, because it is updated regularly and is readily available (Petersen and others, 1996; see the World Wide Web at http://www.consrv.ca.gov/dmg/shezp/);
- 2. Use of published maximum moment magnitudes for earthquake sources, or estimates that are justified, well-documented, and based on published procedures;
- 3. Use of published curves (or those used by DMG) for attenuation of PGA with distance from earthquake source, as a function of earthquake magnitude and travel path (e.g., see special issue of Seismological Research Letters, v. 68, n. 1, 1997);
- 4. An evaluation of the likely effects of site-specific response characteristics (e.g., amplification due to soft soils, deep sedimentary basins, topography, near-source effects, etc.);
- 5. Characterization of the ground motion at the site in terms of PGA with a 10 percent probability of exceedance in 50 years, taking into account historical seismicity, available paleoseismic data, the geological slip rate of regional active faults, and site-specific response characteristics.

Useful references include Reiter, 1990; National Research Council, 1988; Hayes, 1985; Algermissen and others, 1982; Cornell, 1968; Youngs and Coppersmith, 1985; Working Group on California Earthquake Probabilities, 1990 and 1995; Okumura and Shinozuka, 1990; and Kramer, 1996.

# **Deterministic Seismic Hazard Analysis (DSHA)**

Deterministic evaluation of seismic hazard can also be performed, and the results of correctly performed and suitably comprehensive DSHA studies can also supersede SPPV values of PGA. DSHA studies typically include the following:

- 1. Evaluation of potentially damaging earthquake sources, and deterministic selection of one or more suitable "controlling" sources and seismic events. The deterministic earthquake event magnitude for any fault should be a *maximum* value that is specific to that seismic source. Maximum earthquakes may be assessed by estimating rupture dimensions of the fault (e.g., Wells and Coppersmith, 1994; dePolo and Slemmons, 1990). The DMG database of earthquake sources is readily available (see section on PSHA).
- 2. Use of published curves for the effects of seismic travel path using the shortest distance from the source(s) to the site (e.g., see special issue of Seismological Research Letters, v. 68, n.1, 1997);
- 3. Evaluation of the effects of site-specific response characteristics on either (a) site accelerations, or (b) cyclic shear stresses within the site soils of interest.

# Selection of a Site-Specific Design Strong-Motion Record

In the course of performing a seismic slope stability or liquefaction analysis, it is often necessary to select a design strong-motion record that represents the anticipated earthquake shaking at a project site. For a seismic slope-stability analysis the design strong-motion record will be used to evaluate the site seismic response (site amplification) and/or for the calculation of Newmark displacements. In some cases, the strong-motion record will be the input ground motion for a detailed dynamic analysis. For liquefaction evaluations the design strong-motion record will be used for the site seismic response to determine the appropriate peak ground acceleration to use in a simplified Seed-Idriss liquefaction analysis. It could also be used for a detailed finite-element analysis where the magnitude of potential lateral spread displacements are critical to the proposed project.

The selection process typically involves two steps: (1) estimating magnitude, epicentral distance and peak ground acceleration parameters for the project site, and (2) searching for existing strong-motion records that have parameters that closely match the estimated values. The methods described in the preceding sections of this chapter describe the recommended approaches to the parameter estimates. The selection of a representative strong-motion record should consider the following:

- 1. The selection should be based primarily on matching magnitude, epicentral distance, site conditions and PGA between the site and the record, generally in that order;
- 2. It may not always be possible to find a good match between the site parameters and the existing strong-motion records, and it may be necessary to use a record that does not match the site parameter criteria and scale it to fit those parameters, making sure that the duration of the scaled record is appropriate for the anticipated magnitude;
- 3. If the site to be analyzed is underlain by soils or weakly cemented rock, and a strong-motion recording site with similar characteristics cannot be found, a seismic site response analysis should be performed (e.g., SHAKE91, Idriss and Sun, 1992; SHAKE, Schnabel and others, 1972);

4. For project sites that could experience earthquakes from both high-frequency, near-source events and low-frequency, long-duration events, multiple records representative of these events should be included in the analysis.

A database of strong-motion records is available at the DMG World Wide Web site {  $http://www.consrv.ca.gov/dmg/ \ \}. This and other sources for acquiring strong-motion records are provided in Appendix D.$ 

# CHAPTER 5

# ANALYSIS AND MITIGATION OF EARTHQUAKE-INDUCED LANDSLIDE HAZARDS

# **Screening Investigations for Earthquake-Induced Landslide Potential**

The purpose of screening investigations for sites within zones of required investigation for earthquake-induced landslides is to evaluate the severity of the hazard, or to screen out sites included in these zones that have a low potential for landslide hazards. If a screening investigation can *clearly* demonstrate the absence of earthquake-induced landslide hazard at a project site, and if the lead agency technical reviewer concurs with this finding, the screening investigation will satisfy the site-investigation report requirement and no further investigation will be required. If the findings of the screening investigation cannot demonstrate the absence of the hazard, then the more-comprehensive quantitative evaluation needs to be conducted.

An important aspect of evaluating the potential for earthquake-induced landslides is the recognition of the types of slope failures commonly caused by earthquakes. Keefer (1984) studied 40 historical earthquakes and found that different types of landslides occur with different frequencies. Table 3 summarizes Keefer's findings. In addition, Keefer (1984) summarized the geologic environments that are likely to produce earthquake-induced landslides. A table of these environments is provided in Appendix E to assist in the evaluation of project sites for the screening investigations.

The screening investigation should evaluate, and the report should address, the following basic questions:

• Are existing landslides, active or inactive, present on, or adjacent (either uphill or downhill) to the project site?

An assessment of the presence of existing landslides on the project site for a screening investigation will typically include a review of published and unpublished geologic and landslide inventory maps of the area and an interpretation of aerial photographs. The distinctive landforms associated with landslides (scarps, troughs, disrupted drainages, etc.) should be noted, if present, and the possibility that they are related to landslides should be assessed.

Table 3. Relative abundance of earthquake-induced landslides from 40 historical earthquakes		
(Keefer, 1984; Table 4, p. 409).		
Relative Abundance of	Description	
Earthquake-Induced Landslides		

Very Abundant	Rock falls, disrupted soil slides, rock slides
(more than 100,000 in the 40 earthquakes)	
Abundant	Soil lateral spreads, soil slumps, soil block slides,
(10,000 to 100,000 in the 40 earthquakes)	soil avalanches
Moderately common	Soil falls, rapid soil flows, rock slumps
(1000 to 10,000 in the 40 earthquakes)	
Uncommon	Subaqueous landslides, slow earth flows, rock block
(100 to 1000 in the 40 earthquakes)	slides, rock avalanches

# • Are there geologic formations or other earth materials located on or adjacent to the site that are known to be susceptible to landslides?

Many geologic formations in California, notably late Tertiary and Quaternary siltstones and shales (for example, the Orinda and Modelo formations), are highly susceptible to landsliding. These rock units are generally well known among local engineering geologists. For some areas, susceptible formations have also been noted on the Landslide Hazard Identification Maps published by DMG.

• Do slope areas show surface manifestations of the presence of subsurface water (springs and seeps), or can potential pathways or sources of concentrated water infiltration be identified on or upslope of the site?

Subsurface water in slopes can be an important indicator of landslide potential. Water may be forced to the surface along impermeable layers such as landslide rupture surfaces. Springs, seeps, or vegetation (phreatophytes) may result from impermeable layers and near-surface water. Topographic depressions, heavy irrigation, or disrupted surface water channels can cause ponding and increased infiltration of surface water. These features may be visible on pre-and/or post-development aerial photographs taken during certain seasons, or during a field reconnaissance. Presence of shallow subsurface water is significant because pore-water pressure reduces the forces resisting landslide movement.

 Are susceptible landforms and vulnerable locations present? These include steep slopes, colluvium-filled swales, cliffs or banks being undercut by stream or wave action, areas that have recently slid.

In addition to existing landslide deposits, certain other slopes are especially susceptible to landsliding. These include very steep slopes, and ones where the support at the base of the slope has been removed or reduced. Removal of support at the base of a slope occurs naturally by stream or wave erosion and the same effect can be produced by grading of cut slopes. Colluvium-filled swales usually develop naturally over thousands of years, and the resulting thick, deeply weathered soil may be especially susceptible to debris flows. Hazardous slope features can generally be noted on aerial photographs, sufficiently detailed topographic maps, or from a geologic field reconnaissance.

• Given the proposed development, could anticipated changes in the surface and subsurface hydrology (due to watering of lawns, on-site sewage disposal, concentrated runoff from impervious surfaces, etc.) increase the potential for future landsliding in some areas?

Misdirected runoff from streets during rainstorms can cause saturation of surficial materials and, in turn, development of catastrophic debris flows. Improperly designed highway culverts and watering of lawns on marine terraces can create unstable gullies, undermined coastal bluffs, or both. It is likely that the proposed development will alter the local groundwater regime in some way. The investigation should describe the likely effects that altered runoff patterns, lawn watering or septic systems will have on slope stability; identify sensitive areas; and, when warranted, recommend mitigation.

#### **Additional Considerations**

The Earthquake-Induced Landslides Working Group recommends that the screening investigation should include a site reconnaissance by the project's engineering geologist and/or civil engineer. This will allow for the recognition of potential earthquake hazards that cannot normally be recognized in a purely office-based screening investigation.

Guidance on the preparation of a report for the screening investigation is provided in Chapter 3 of these Guidelines. If the results of the screening investigation show that the potential for earthquake-induced landsliding is low, the report should state the reasons why a quantitative evaluation is not needed for the project site.

# **Quantitative Evaluation of Earthquake-Induced Landslide Potential**

If the screening investigation indicates the presence of potentially unstable slopes affecting the proposed project site, a quantitative evaluation of earthquake-induced landslide potential should be conducted. The major phases of such a study typically includes a detailed field investigation, drilling and sampling, geotechnical laboratory testing, and slope stability analyses. Reference should be made to Chapter 3 for guidance on what types of information from the following sections should be included in the site-investigation report.

# **Detailed Field Investigation**

#### Engineering Geologic Investigations

The engineering geologic investigation phase of the project site investigation consists of surface observations and geologic mapping. The overall scope of the engineering geologic investigation for earthquake-induced landslide hazards is fundamentally the same as the work that would be conducted for any project that has potential landslide hazards, regardless of the triggering mechanism. However, the investigator should keep in mind the environments and the relative abundance of landslide types triggered by earthquakes as described by Keefer (1984) and shown in Appendix E and Table 3, respectively. The engineering geologic investigation is significant

because it provides the basis for the subsurface investigations, field instrumentation, and geotechnical analyses that follow.

Prior to the site reconnaissance, the area of the project should be identified, and available geologic and geotechnical information, stereoscopic aerial photographs, and topographic maps should be collected and reviewed (Keaton and DeGraff, 1996). If a screening investigation has been conducted for the site, much of this information may already have been reviewed. Once the results of the office-based investigation have been completed and understood, on-site engineering geologic mapping can be conducted.

The purpose of the on-site engineering geologic mapping is to document surface conditions which, in turn, provides a basis for projecting subsurface conditions that may be relevant to the stability of the site. The on-site engineering geologic mapping should identify, classify, and locate on a map the features and characteristics of existing landslides, and surficial and bedrock geologic materials. Other important aspects of the site to document include: landslide features and estimates of depth to the rupture surface; distribution and thickness of colluvium; rock discontinuities such as bedding, jointing, fracturing and faulting; depth of bedrock weathering; surface water features such as streams, lakes, springs, seeps, marshes, and closed or nearly closed topographic depressions.

Engineering geologic cross sections should be located so as to provide information that will be needed for planning subsurface investigations and stability analyses. The most useful orientation is typically perpendicular to topographic contours and longitudinally down existing landslide deposits. The projected shape of the rupture surface, geologic contacts and orientations, and groundwater surfaces should be shown along with the topographic profile. Estimates of the depth to the landslide rupture surface is an important parameter for planning a subsurface investigation and longitudinal cross sections can be helpful in making these estimates (McGuffey and others, 1996).

The results of the engineering geologic mapping can be presented in many forms, but generally should include a map, cross sections, and proposed subsurface investigation locations and/or field instrumentation sites. Whatever method of presentation is chosen, it should be remembered that the presentation of the surface mapping information needs to be characterized in terms that are meaningful for, and usable by the design engineer. Doing so will help ensure that key factors that must be accommodated in the construction are understood (Keaton and DeGraff, 1996).

### Subsurface Investigation

#### Planning

Exploratory work by the engineering geologist and civil engineer should be conducted at locations considered most likely to reveal any subsurface conditions which may indicate the potential for earthquake-induced landslide failures. In particular, an investigation should locate and define the geometry of bedding and fracture surfaces, contacts, faults, and other discontinuities as well as actual landslide rupture surfaces.

Subsurface exploration methods can be classed as direct methods and indirect methods (Hunt, 1984a). Direct methods, such as test borings and the excavation of test pits or trenches, allow the examination of the earth materials, usually with the removal of samples. Indirect methods, such as

geophysical surveys and the use of the cone penetrometer, provide a measure of material properties that allows the estimation of the material type (McGuffey and others, 1996).

Subsurface investigations should be supervised by an experienced engineering geologist and/or civil engineer to ensure that the field activities are properly executed and the desired results are achieved. According to McGuffey and others (1996), the subsurface investigation field supervision should:

- 1. Ensure that technical and legal contract specifications are followed,
- 2. Maintain liaison with the designer of the exploration program,
- 3. Select and approve modifications to the program as new or unanticipated conditions are revealed,
- 4. Ensure that complete and reliable field reports are developed; and
- 5. Identify geologic conditions accurately.

The depth to which explorations should extend can be difficult to define in advance of the subsurface investigation. Cross sections from a surface engineering geological investigation can be helpful in planning the depths of excavations required in a subsurface investigation. In general, borings or other direct investigative techniques should extend deep enough (a) to identify materials that have not been subjected to movements in the past but might be involved in future movements, and (b) to clearly identify underlying stable materials. The exploration program plan should be flexible enough to allow for expanding the depth of investigation when the data obtained suggest deeper movements are possible (McGuffey and others, 1996).

# Samples and Sampling

Soil and rock samples that may be obtained from subsurface borings and excavations belong to one of two basic categories: disturbed and undisturbed samples. Disturbed samples are collected primarily for soil classification tests where the preservation of the soil structure is not essential, or for remolding in the laboratory and subsequent strength and compressibility tests. Undisturbed samples do not entirely represent truly undisturbed soil or rock conditions because the process of sampling and transporting inevitably introduces some disturbance into the soil or rock structure.

These samples are taken primarily for laboratory strength and compressibility tests and for the measurement of in-situ material properties.

Samples of the soil, the existing landslide rupture materials, and the weakest components of rock units should be taken for laboratory measurement of engineering properties. Special care should be taken to obtain oriented samples of existing zones of weakness or rupture surfaces. For shallow landslides it may be possible to expose and sample critical zones of weakness in the walls of trenches or test pits. For deep-seated landslides it often is extremely difficult to sample the zones of

weakness with typical geotechnical drilling equipment, and it may be appropriate to consider using bucket auger drilling and down-hole geologic logging and sampling techniques (Scullin, 1994).

It is the responsibility of the field supervising geologist or engineer to accurately label and locate the collected samples. He or she is also responsible for the proper transportation of collected samples, particularly undisturbed samples, to prevent sample disturbance by excessive shocks, allowing samples to dry or slake, or by exposing samples to heat or freezing conditions. A large variety of soil boring techniques and sampler types is available. A detailed explanation of the many types is beyond the scope of these Guidelines, but is readily available in the literature (Hvorslev, 1948; ASTM, 1971 and 1997; U.S. Bureau of Reclamation, 1974 and 1989; U.S. Navy, 1986; Hunt, 1984a; Krynine and Judd, 1957; Acker, 1974; Scullin, 1994; Johnson and DeGraff, 1988; McGuffey and others, 1996).

## Subsurface Water

The presence of subsurface water can be a major contributing factor to the dynamic instability of slopes and existing landslides. Therefore, the identification and measurement of subsurface water in areas of suspected or known slope instability should be an integral part of the subsurface investigation. The location and extent of groundwater, perched groundwater and potential water barriers should be defined. Subsurface water conditions within many landslides are best considered as complex, multiple, partially connected flow systems. McGuffey and others (1996) have listed the following recommendations:

- 1. Surface observations are essential in determining the effect of subsurface water on landslide instability.
- 2. Periodic or seasonal influx of surface water to subsurface water will not be detected unless subsurface water observations are conducted over extended time periods.
- 3. Landslide movements may open cracks and develop depressions at the head of a landslide that increase the rate of infiltration of surface water into the slide mass.
- 4. Ponding of surface water anywhere on the landslide may cause increased infiltration of water into the landslide and should be investigated.
- 5. Disruption of surface water channels and culverts may also result in increased infiltration of surface water into the landslide.
- 6. Landslide movements may result in blockage of permeable zones that were previously freely draining. Such blockage may cause a local rise in the groundwater table and increased saturation and instability of the landslide materials. Subsurface observations should therefore be directed to establishing subsurface water conditions in the undisturbed areas surrounding the landslide.

- 7. Low permeability soils, which are commonly involved in landslides, have slow response times to changes in subsurface water conditions and pressures. Long-term subsurface water monitoring is required in these soils.
- 8. Accurate detection of subsurface water in rock formations is often difficult because shale or claystone layers, intermittent fractures, and fracture infilling may occlude subsurface water detection by boring or excavation.
- 9. Borings should never be the only method of subsurface water investigation; nevertheless they are a critical component of the overall investigation.

# **Geotechnical Laboratory Testing**

The geotechnical testing of soil and rock materials typically follows accepted published standards (ASTM, 1997; Head, 1989). Good professional judgment is expected in the selection of appropriate samples, shear tests, and interpretation of the results in arriving at strength characteristics appropriate for the present and anticipated future slope conditions. The following guidelines are provided for evaluating soil properties.

- 1. Soil properties, including unit weight and shear strength parameters (cohesion and friction angle), may be based on appropriate conventional laboratory and field tests.
- 2. Testing of earth materials should be in accordance with the appropriate ASTM Standards that are updated annually (ASTM, 1997).
- 3. Prior to shear tests, samples should be soaked a sufficient length of time to approximate a saturated moisture condition.
- 4. Stability analyses generally should use the lowest values derived from the suite of samples tested.
- 5. Residual test values should be used for static analysis of existing landslides, along shale bedding planes, highly distorted bedrock, over-consolidated fissured clays, and for paleosols and topsoil zones under fill. Peak values may be used for pseudo-static or dynamic calculations if the buildup of pore pressures is not anticipated and if permitted by the lead agency. Consideration of reducing the strength values for dynamic analyses should be made in light of the measured material properties and anticipated subsurface water conditions (see section on Effective-Stress vs. Total-Stress Conditions below).
- 6. Appropriate analyses of existing failures (back-calculated strengths) in slopes similar to that under consideration in terms of height, geology, and soil or rock materials may be helpful in determining or verifying proposed shear strength parameters.

7. Laboratory shear strength values used for design of fill slopes steeper than two horizontal to one vertical (2:1) and for buttress fills should be verified by testing during slope grading. In the event that the shear strength values from field samples are less than those used in design, the slope should be reanalyzed and modified as necessary to provide the required factor of safety for stability.

# **Slope Stability Analysis**

#### General Considerations

Slope stability analysis will generally be required by the lead agency for cut, fill, and natural slopes whose slope gradient is steeper than two horizontal to one vertical (2:1), and on other slopes that possess unusual geologic conditions such as unsupported discontinuities or evidence of prior landslide activity. Analysis generally includes deep-seated and surficial stability evaluation under both static and dynamic (earthquake) loading conditions.

Evaluation of deep-seated slope stability should be guided by the following:

- 1. The potential failure surface used in the analysis may be composed of circles, planes, wedges or other shapes considered to yield the minimum factor of safety against sliding for the appropriate soil or rock conditions. The potential failure surface having the lowest factor of safety should be sought.
- 2. Forces to be considered include the gravity loads of the potential failure mass, structural surcharge loads and supported slopes, and loads due to anticipated earthquake forces. The potential for hydraulic head (or significant pore-water pressure) should be evaluated and its effects included when appropriate. Total unit weights for the appropriate soil moisture conditions are to be used.

Evaluation of surficial slope stability should be guided by the following:

- 1. Calculations may be based either on analysis procedures for stability of an infinite slope with seepage parallel to the slope surface or on another method acceptable to the lead agency. For the infinite slope analysis, the minimum assumed depth of soil saturation is the smaller of either a depth of one (1) meter or depth to firm bedrock. Soil strength characteristics used in analysis should be obtained from representative samples of surficial soils that are tested under conditions approximating saturation and at normal loads approximating conditions at very shallow depth.
- 2. Appropriate mitigation procedures and surface stabilization should be recommended, in order to provide the required level of surficial slope stability.
- 3. Recommendations for mitigation of damage to the proposed development caused by failure of off-site slopes should be made unless slope-specific investigations and analyses demonstrate that the slopes are stable. Ravines, swales, and hollows on natural slopes warrant special attention as potential sources of fast-moving debris flows and other types of landslides. If possible, structures should be located away from the base or axis of these types of features.

#### Analysis Methods Available

There are four generally accepted methods of slope stability analysis for seismic loading conditions. Two of these methods, the pseudo-static analysis and the Newmark analysis, have practical applications for most residential and commercial development projects affected by Seismic Hazard Zone Maps, and will be discussed in some detail in the following sections. The other two methods, the Makdisi-Seed (1978) analysis and the dynamic analysis, are not generally applicable to these types of developments. These latter two methods will only be briefly summarized in this section.

The simplest approach to a dynamic slope stability calculation is the **pseudo-static analysis**, in which the earthquake load is simulated by an "equivalent" static horizontal acceleration acting on the mass of the landslide, in a limit-equilibrium analysis (Nash, 1987; Janbu, 1973; Bromhead, 1986; Chowdhury, 1978; Morgenstern and Sangrey, 1978; Hunt, 1984b; Duncan, 1996). The pseudo-static approach has certain limitations (Cotecchia, 1987; Kramer, 1996), but this methodology is considered to be generally conservative, and is the one most often used in current practice.

The second procedure is known as the **Newmark or cumulative displacement analysis** (Newmark, 1965; Makdisi and Seed, 1978; Hynes and Franklin, 1984; Houston and others, 1987; Wilson and Keefer, 1983; Jibson, 1993). The procedure involves the calculation of the yield acceleration, defined as the inertial force required to cause the static factor of safety to reach 1.0, from the traditional limit-equilibrium slope stability analysis. The procedure then uses a design earthquake strong-motion record which is numerically integrated twice for the amplitude of the acceleration above the yield acceleration to calculate the cumulative displacements. These analytical displacements are then evaluated in light of the slope material properties and the requirements of the proposed development. The pseudo-static and Newmark analyses will be described in more detail in the following sections.

The third method is referred to as a **Makdisi-Seed analysis** (Makdisi and Seed, 1978; Kramer, 1996). Makdisi and Seed's work (1978) sought to define seismic embankment stability in terms of acceptable deformations in lieu of conventional factors of safety, using a modified Newmark analysis. Their method presents a rational means by which to determine yield acceleration, or the average acceleration required to produce a factor of safety of unity. This value, in turn is affected by the cyclic-yield strengths of embankment materials, which turned out to be about 80 percent of static strength. Design curves were developed to estimate the permanent earthquake-induced deformations of embankments 100 to 200 feet high using finite element analyses. These same methods have since been applied to sanitary landfill and highway embankments. Very little application of this method has been made to pre-existing landslides, and the method will not be reviewed in detail in these guidelines.

The most sophisticated method for seismic slope stability calculations is known as a **dynamic** analysis (Cotecchia, 1987) or a stress-deformation analysis (Kramer, 1996) and it typically incorporates a finite-element or finite-difference mathematical model. In this type of analysis ground motion is incorporated in the form of an acceleration time history. Seismically induced permanent strains in each element of the finite element mesh are integrated to obtain the permanent

deformation of the slope. The results of the analysis include a time history of the compressive and tensile stresses, natural frequencies, effects of damping, and slope displacements. Because this type of analysis will only rarely be used for the types of projects affected by the Seismic Hazard Zone Maps, it will not be discussed further in these Guidelines.

# Pseudo-Static Analysis

The ground-motion parameter used in a pseudo-static analysis is referred to as the seismic coefficient "k". The selection of a seismic coefficient has relied heavily on engineering judgment and local code requirements because there is no simple method for determining an appropriate value. In California, many state and local agencies, on the basis of local experience, require the use of a seismic coefficient of 0.15, and a minimum computed pseudo-static factor of safety of 1.0 to 1.2 for analyses of natural, cut, and fill slopes. The evaluation should follow the lead agency practice guidelines for seismic coefficient and factor of safety values. If no local guidelines exist, the following discussion should assist in the estimation an appropriate seismic coefficient.

Cautionary Note: The seismic coefficient "k" is not equivalent to the peak horizontal ground acceleration value, either probabilistic or deterministic; therefore PGA should not be used as a seismic coefficient in pseudo-static analyses. The use of PGA will usually result in overly conservative factors of safety (Seed, 1979; Chowdhury, 1978). Furthermore, the practice of reducing the PGA by a "repeatable acceleration" factor to obtain a pseudo-static coefficient has no basis in the scientific or engineering literature.

### Selection of a Seismic Coefficient

There have been a number of published articles that provide guidance in the selection of an appropriate seismic coefficient for pseudo-static analyses. Most can be regarded as being within a range of values enveloped by the recommendations of two publications, Seed (1979), and Hynes and Franklin (1984).

Seed's 1979 article (the 19th Rankine Lecture) summarizes the factors to be considered in evaluating dynamic stability of earth-and rock-fill embankments. After evaluating all of the available data on earthquake-induced deformations of embankment dams, Seed recommended some basic guidelines for making preliminary evaluations of embankments to ensure acceptable performance (i.e., permanent deformations which would not imperil the overall structural integrity of an embankment dam). These recommendations were: using a pseudo-static coefficient of 0.10 for magnitude 6½ earthquakes and 0.15 for magnitude 8¼ earthquakes, with an acceptable factor of safety of the order of 1.15. Seed believed that his guidelines would ensure that permanent ground deformations would be acceptably small. Seed also made extensive commentary on the choice of appropriate material strengths, and limited his recommendations to those embankments composed of materials that do not undergo severe strength loss due to seismic shaking with an expected crest acceleration of less than 0.75g.

Hynes and Franklin (1984) provided amplification factors to be used when considering the crest of an embankment in comparison to the input accelerations at the base, with the intention of identifying those embankments which could be expected to experience unacceptable deformations.

They suggested using one-half the bedrock acceleration applied to the embankment crest with an acceptable factor of safety greater than 1.0, with a 20 percent reduction on material strengths. Hynes and Franklin limited the assessment to earthquakes of less than magnitude 8 with non-liquefiable materials comprising the embankment.

Although the two references discussed above were written specifically for application to earth embankments, they represent the best understanding of the range of appropriate seismic coefficients to use in slopes composed of other materials. Figure 1 presents a summary of the recommended values of "k" for the ranges of factor of safety and earthquake parameters presented in these two articles. Other suggested ranges have been added for comparison. Figure 1 is presented as a guide for selecting a seismic coefficient for a pseudo-static analysis in jurisdictions where pseudo-static coefficients have not been adopted by the lead agency.

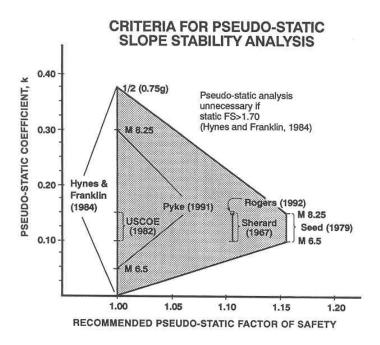


Figure 1. Approximate range of pseudo-static seismic coefficient "k" for anticipated factor of safety as proposed in the literature (references on the diagram)

#### Topographic Effects

Ashford and Sitar (1994) presented a method to analyze topographic amplification of site response on slopes. They specifically addressed the expected response of very steep slopes in weakly cemented rock. Amplification was found to increase with inclined seismic waves traveling into the slope crest. They found that the fundamental site period dominates the seismic response of any given slope. The relationship between wave-length and slope height controls the degree of amplification. However, as the slopes decrease in steepness (i.e., less than 30 degrees), the slope-induced amplification becomes less and less important, and geologic contacts between dissimilar strata appear to exert more influence on observed failures.

### **Material Strengths**

The pseudo-static analysis does not take into account any loss of material strength due to porepressure buildup along the anticipated slide surface due to earthquake loading (effective-stress conditions). For most investigations where the slopes are unsaturated or partially saturated, this assumption will be valid and the results of the analysis will tend to be conservative. If, however, the slopes being evaluated are saturated or are anticipated to be saturated, the loss of material strength during long-duration earthquake shaking may be expected and the analysis using total strength parameters may be more appropriate (see section on Effective-Stress vs. Total-Stress Conditions below).

#### Newmark Analysis

A Newmark analysis consists of three basic steps, as outlined below:

1. The first step is to perform a limit-equilibrium stability analysis to determine the location and shape of the critical slip surface (the slip surface with the lowest factor of safety), and the yield acceleration (K<sub>y</sub>), defined as the acceleration required to bring the factor of safety to 1.0. Most computer-based slope stability programs include iterative routines for finding both of these parameters. If a computer program with these options is not available, the critical slip surface can be obtained through iterative trial-and-error, and the yield acceleration can be calculated from Newmark's relation

$$K_y = (FS - 1)g \sin a$$

where FS is the static factor of safety, g is the acceleration due to gravity, and a is the angle from the horizontal that the center of mass of the landslide first moves.

2. The second step is to select an acceleration time history that represents the expected ground motions at the project site. The selection process typically involves estimating magnitude, source-to-site distance, and peak ground acceleration seismic parameters for the project site. and searching for existing strong-motion records that have parameters that closely match the estimated values. Methods for determining these site parameters and selecting a representative strong-motion record are outlined in Chapter 4. For Newmark analyses, Jibson (1993) recommended using: (1) Arias Intensity (Wilson, 1993; Wilson and Keefer, 1985), (2) magnitude and source distance, and (3) PGA and duration as criteria for selecting a suite of strong-motion records having characteristics of interest at a project site. Smith (1994a; 1994b) compiled a database of these characteristics for a large number of strong-motion records. Analysis of multiple records spanning a range of estimated shaking characteristics produces a range of calculated displacements, which provides a better basis for judgment of slope performance than one displacement calculated from a single record that may have unique idiosyncrasies. If the slopes to be analyzed are composed of soils or weakly cemented rock, and a strong-motion recording site with similar characteristics cannot be found, a seismic site response analysis should be performed. Houston and others (1987) described a method of using a one-dimensional wave propagation program (e.g., SHAKE91, Idriss and Sun, 1992; SHAKE,

Schnabel and others, 1972) to find the average response at the slip surface prior to calculating displacements. As described in Chapter 4, sources for acquiring strong-motion records are provided in Appendix D.

3. The final step in a Newmark analysis is to calculate the cumulative displacements anticipated for the landslide under investigation. To do this, the design strong-motion record is integrated twice for those accelerations that exceed the yield acceleration, and the displacements are added to determine cumulative displacement. Computer software capable of calculating displacements from strong-motion records is available (Jibson, 1993; Houston and others, 1987) and can greatly simplify the analysis.

Jibson (1993) pointed out that, because Newmark's model assumes that landslides behave as rigid-plastic materials, the method might underestimate displacements for materials that lose shear strength as a function of strain, and overestimate displacements for soils that behave as viscoplastic materials. Due to the many assumptions that need to be made in the analysis, it is probably appropriate to consider calculations indicative only to within an order-of-magnitude of the actual displacements (e.g., centimeters, tens of centimeters, or meters). Considerable engineering judgment is required to establish 'stability.'

## Effective-Stress vs. Total-Stress Conditions

In principle, a pseudo-static or Newmark analysis can be performed on either a total-stress or effective-stress basis. The geotechnical industry practice for 'typical' developments has been to determine shear strength parameters from direct shear tests (effective-stress conditions) and assume that static and dynamic shear strengths are the same. For most investigations where the slopes are unsaturated or partially saturated, this assumption will be valid and the results of the analysis will tend to be conservative. However, for saturated slopes this assumption ignores the build-up of pore pressures due to dynamic loading, which can lower the shear resistance to failure and, in some cases, result in unconservative stability evaluations.

Seed (1966) presented an approach to a total-stress analysis for earth embankments that uses dynamic shear tests to derive a factor of safety that accounts for (a) initial conditions; (b) changes in stress and reorientation of principal stress; (c) decrease in strength due to cyclic loading conditions; and (d) decrease in strength due to undrained conditions during earthquake loading. This method is rigorous, and provides good estimates of the dynamic behavior of saturated materials but may be too costly for most projects.

A simpler approach to a total stress analysis would be to determine total-stress strength parameters from undrained triaxial shear tests and use those values in the stability analysis. Jibson and Keefer (1993) showed how to conduct such an analysis, and their results indicated that factors of safety and critical slip surfaces differed significantly from those generated from an effective stress analysis. The U.S. Army Corps of Engineers practice is to use a composite shear strength envelope (based on a consolidated-drained test at low confining pressures and a consolidated-undrained test at high confining pressures) for permeable soils, and a consolidated-undrained strength envelope for soils with low permeability (Hynes and Franklin, 1984).

Makdisi and Seed (1978) have shown that substantial permanent displacements may be produced by cyclic loading of soils to stresses near the yield stress, while essentially elastic behavior is observed under many cycles of loading at 80 percent of the undrained strength. They recommend the use of 80 percent of the undrained strength for soils that exhibit small increases in pore pressure during cyclic loading, such as clayey soils, dry or partially saturated cohesionless soils, or very dense saturated cohesionless materials. This practice has been adopted by the U.S. Army Corps of Engineers with an allowable pseudo-static factor of safety of 1.0 (Hynes and Franklin, 1984) and may be appropriate for many stability analyses in the absence of a more rigorous total stress analysis.

# **Evaluation of Potential Earthquake-Induced Landslide Hazards**

The determination of dynamic slope stability (i.e., pseudo-static factors of safety or analytical displacements), and the acceptable parameters used in the analysis, should follow the standards defined by the lead agency. If no standards exist, the following general values may be used for defining the stability of slopes for static and dynamic loads.

# **Pseudo-Static Analysis**

Slopes that have a pseudo-static factor of safety greater than 1.1 using an appropriate seismic coefficient can be considered stable. If the pseudo-static analysis results in a factor of safety lower than 1.1, the project engineer can either employ a Newmark analysis (or other displacement-type analysis method if acceptable to the lead agency) to determine the magnitude of slope displacements, or design appropriate mitigation measures.

# **Newmark Analysis**

The Newmark analysis models a highly idealized and simplistic failure mechanism; thus, as discussed previously, the calculated displacements should be considered order-of-magnitude estimates of actual field behavior. Rather than being an accurate guide of observable landslide displacement in the field, Newmark displacements provide an index of probable seismic slope performance, and considerable judgment is required in evaluating seismic stability in terms of Newmark displacements. In some jurisdictions, less than 10 cm is considered stable, whereas, more than 30 cm is considered unstable. As a general guideline,

- 1. Newmark displacements of 0 to 10 cm are unlikely to correspond to serious landslide movement and damage.
- 2. In the 10 to 100 cm range, slope deformation may be sufficient to cause serious ground cracking or enough strength loss to result in continuing (post-seismic) failure. Determining whether displacements in this range can be accommodated safely requires good professional judgment that takes into account issues such as landslide geometry and material properties.

3. Calculated displacements greater than 100 cm are very likely to correspond to damaging landslide movement, and such slopes should be considered unstable.

# Mitigation of Earthquake-Induced Landslide Hazards

### **Basic Considerations**

For any existing or proposed slopes that are determined to be unstable, appropriate mitigation measures should be provided before the project is approved. The hazards these slopes present can be mitigated in one of three ways:

- 1. **Avoid the Failure Hazard**: Where the potential for failure is beyond the acceptable level and not preventable by practical means, as in mountainous terrain subject to massive planar slides or rock and debris avalanches, the hazard should be avoided. Developments should be built sufficiently far away from the threat that they will not be affected even if the slope does fail. Planned development areas on the slope or near its base should be avoided and relocated to areas where stabilization is feasible.
- 2. **Protect the Site from the Failure**: While it is not always possible to prevent slope failures occurring above a project site, it is sometimes possible to protect the site from the runout of failed slope materials. This is particularly true for sites located at or near the base of steep slopes, which can receive large amounts of material from shallow disaggregated landslides or debris flows. Methods include catchment and/or protective structures such as basins, embankments, diversion or barrier walls, and fences. Diversion methods should only be employed where the diverted landslide materials will not affect other sites.
- 3. **Reduce the Hazard to an Acceptable Level**: Unstable slopes affecting a project can be rendered stable (that is, by increasing the factor of safety to > 1.5 for static and > 1.1 for dynamic loads) by eliminating the slope, removing the unstable soil and rock materials, or applying one or more appropriate slope stabilization methods (such as buttress fills, subdrains, soil nailing, crib walls, etc.). For deep-seated slope instability, strengthening the design of the structure (e.g., reinforced foundations) is generally not by itself an adequate mitigation measure.

The zones of required investigation for earthquake-induced landslides do not always include landslide or lateral spread run-out areas. Project sites that are outside of a zone of required investigation may be affected by ground-failure runout from adjacent or nearby slopes. Any proposed mitigation should address all recognized significant off-site hazards. If stabilization of source areas of potential off-site failures that could impact the project is not practical, it may be possible to achieve an acceptable level of risk by using one or more protective structures, as suggested below.

# **Stabilization Options**

The stabilization method chosen depends largely on the type of instability, which is anticipated at the project site. The two general techniques used to stabilize slopes are: (1) to reduce the driving force for failure, or (2) to increase the resisting force. These consist of different mechanisms, depending on the type of failures in question. The following list is presented to provide a range of stabilization options, but other options may be recommended provided analyses are presented to prove their validity.

#### Rock and Soil Falls

**Principal failure mechanism** is loss of cohesion or tensile strength of the near-surface material on a very steep slope.

# Mitigation Strategies

- 1. **Reduce driving force** by reducing the steepness of the slope through grading, or by scaling off overhanging rock, diverting water from the slope face, etc.;
- 2. **Increase resisting force** by pinning individual blocks, covering the slope with mesh or net, or installing rock anchors or rock bolts on dense spacing; and/or,
- 3. **Protect the site from the failure** by constructing catchment structures such as basins, or protective structures such as walls and embankments.

### Slides, Slumps, Block Glides

**Principal failure mechanism** is loss of shear strength, resulting in sliding of a soil or rock mass along a rupture surface within the slope.

### **Mitigation Strategies**

- 1. **Reduce driving force**, by reducing the weight of the potential slide mass (cutting off the head of the slide, or totally removing the landslide), flattening the surface slope angle ('laying back' the slope face) through grading, preventing water infiltration by controlling surface drainage, or reducing the accumulation of subsurface water by installing subdrains; and/or,
- 2. **Increase resisting force**, by replacing slide debris and especially the rupture surface with compacted fill, installing shear keys or buttresses, dewatering the slide mass, pinning shallow slide masses with soil or rock anchors, reinforced caissons, or bolts, or constructing retaining structures at the edge of the slide.

## Flows of Debris or Soil

**Principal failure mechanism** is fluidization of the soil mass, commonly by addition of water and possibly by earthquake shaking.

## **Mitigation Strategies**

- 1. **Reduce driving force** by removing potential debris from site using grading or excavating procedures, or diverting water from debris so that it cannot mobilize, by means of surface drains and/or subsurface galleries or subdrains;
- 2. **Increase resisting force** by providing shear keys or buttresses, together with subsurface drainage; and/or,

**Protect the site from the failure** by diverting the flow away from project using diversion barriers or channels, or providing catchment structures to contain the landslide material.

# **CHAPTER 6**

# Analysis and Mitigation of Liquefaction Hazards

# **Screening Investigations for Liquefaction Potential**

The purpose of screening investigations for sites within zones of required investigation for liquefaction is to determine whether a given site has obvious indicators of a low potential for liquefaction failure (e.g., bedrock near the surface or deep ground water without perched water zones), or whether a more comprehensive field investigation is necessary to determine the potential for damaging ground displacements during earthquakes.

If a screening investigation can *clearly* demonstrate the absence of liquefaction hazards at a project site, and if the lead agency technical reviewer concurs with this finding, the screening investigation will satisfy the site-investigation report requirement. If there is a reasonable expectation that liquefiable soils exist on the site and the engineering geologist and/or civil engineer can demonstrate that large lateral spread displacements (of more than 0.5 meter) are unlikely (e.g., Bartlett and Youd, 1995), the local agency may give them the option to forego the quantitative evaluation of liquefaction hazards and provide a structural mitigation for certain classes of structures. These mitigation methods are outlined in the mitigation section of this chapter. If the findings of the investigation fall outside these two options, then the more-comprehensive quantitative evaluation described below needs to be conducted.

Screening investigations for liquefaction hazards should address the following basic questions:

## • Are potentially liquefiable soil types present?

Given the highly variable nature of Holocene deposits that are likely to contain liquefiable materials, most sites will require borings to determine whether liquefiable materials underlie the project site. Borings used to define subsurface soil properties for other purposes (e.g., foundation investigations, environmental or groundwater studies) may provide valuable subsurface geologic and/or geotechnical information.

The vast majority of liquefaction hazards are associated with sandy soils and silty soils of low plasticity. Cohesive soils are generally not considered susceptible to soil liquefaction. However, cohesive soils with: (a) a clay content (percent finer than 0.005 mm) less than 15 percent, (b) a liquid limit less than 35 percent, and (c) a moisture content of the in-place soil that is greater than 0.9 times the liquid limit (i.e., sensitive clays), are vulnerable to significant strength loss under relatively minor strains (Seed and others, 1983). Although not classically defined as "liquefaction" and so not addressed by these Guidelines, these soils represent an additional seismic hazard that, if present, should be addressed.

In addition to sandy and silty soils, some gravelly soils are potentially vulnerable to liquefaction. Most gravelly soils drain relatively well, but when: (a) their voids are filled with finer particles, or (b) they are surrounded by less pervious soils, drainage can be impeded and they may be vulnerable to cyclic pore pressure generation and liquefaction. Gravelly geologic

units tend to be deposited in a more-turbulent depositional environment than sands or silts, tend to be fairly dense, and so generally resist liquefaction. Accordingly, conservative "preliminary" methods may often suffice for evaluation of their liquefaction potential. For example, gravelly deposits which can be shown to be pre-Holocene in age (older than about 11,000 years) are generally not considered susceptible to liquefaction.

## • If present, are the potentially liquefiable soils saturated or might they become saturated?

In order to be susceptible to liquefaction, potentially liquefiable soils must be saturated or nearly saturated. In general, liquefaction hazards are most severe in the upper 50 feet of the surface, but on a slope near a free face or where deep foundations go beyond that depth, liquefaction potential should be considered at greater depths. If it can be demonstrated that any potentially liquefiable materials present at a site: (a) are currently unsaturated (e.g., are above the water table), (b) have not previously been saturated (e.g., are above the historic-high water table), and (c) are highly unlikely to become saturated (given foreseeable changes in the hydrologic regime), then such soils generally do not constitute a liquefaction hazard that would require mitigation. Note that project development, changes in local or regional water management patterns, or both, can significantly raise the water table or create zones of perched water. Extrapolating water table elevations from adjacent sites does not, by itself, demonstrate the absence of liquefaction hazards, except in those unusual cases where a combination of uniformity of local geology and very low regional water tables permits very conservative assessment of water table depths. Screening investigations should also address the possibility of local "perched" water tables, the raising of water levels by septic systems, or the presence of locally saturated soil units at a proposed project site.

# • Is the geometry of potentially liquefiable deposits such that they pose significant risks requiring further investigation, or might they be mitigated by relatively inexpensive foundation strengthening?

Relatively thin seams of liquefiable soils (on the order of only a few centimeters thick), if laterally continuous over sufficient area, can represent potentially hazardous planes of weakness and sliding, and may thus pose a hazard with respect to lateral spreading and related ground displacements. Thus, the screening investigation should identify nearby free faces (cut slopes, stream banks, and shoreline areas), whether on or off-site, to determine whether lateral spreading and related ground displacements might pose a hazard to the project. If such features are found, the quantitative evaluation of liquefaction usually will be warranted because of potential life-safety concerns.

Even when it is not possible to demonstrate the absence of potentially liquefiable soils or prove that such soils are not and will not become saturated, it may be possible to demonstrate that any potential liquefaction hazards can be adequately mitigated through a simple strengthening of the foundation of the structure, as described in the mitigation section of this chapter, or other appropriate methods.

### • Are in-situ soil densities sufficiently high to preclude liquefaction?

If the screening evaluation indicates the presence of potentially liquefiable soils, either in a saturated condition or in a location which might subsequently become saturated, then the resistance of these soils to liquefaction and/or significant loss of strength due to cyclic pore pressure generation under seismic loading should be evaluated. If the screening investigation does not conclusively eliminate the possibility of liquefaction hazards at a proposed project site (a factor of safety of 1.5 or greater), then more extensive studies are necessary.

A number of investigative methods may be used to perform a screening evaluation of the resistance of soils to liquefaction. These methods are somewhat approximate, but in cases wherein liquefaction resistance is very high (e.g., when the soils in question are very dense) then these methods may, by themselves, suffice to adequately demonstrate sufficient level of liquefaction resistance, eliminating the need for further investigation. It is emphasized that the methods described in this section are more approximate than those discussed in the quantitative evaluation section, and so require very conservative application.

Methods that satisfy the requirements of a screening evaluation, at least in some situations, include:

- 1. Direct in-situ relative density measurements, such as the ASTM D 1586-92 (Standard Penetration Test [SPT]) or ASTM D3441-94 (Cone Penetration Test [CPT]).
- 2. Preliminary analysis of hydrologic conditions (e.g., current, historical and potential future depth(s) to subsurface water). Current groundwater level data, including perched water tables, may be obtained from permanent wells, driller's logs and exploratory borings. Historical groundwater data can be found in reports by various government agencies, although such reports often provide information only on water from production zones and ignore shallower water.
- 3. Non-standard penetration test data. It should be noted that correlation of non-standard penetration test results (e.g., sampler size, hammer weight/drop, hollow stem auger) with SPT resistance is very approximate, and so requires very conservative interpretation, unless direct SPT and non-standard test comparisons are made at the site and in the materials of interest.
- 4. Geophysical measurements of shear-wave velocities.
- 5. "Threshold strain" techniques represent a conservative basis for screening of some soils and some sites (National Research Council, 1985). These methods provide only a very conservative bound for such screening, however, and so are conclusive only for sites where the potential for liquefaction hazards is very low.

# **Quantitative Evaluation of Liquefaction Resistance**

Liquefaction investigations are best performed as part of a comprehensive investigation. These Guidelines are to promote uniform evaluation of the resistance of soil to liquefaction.

#### **Detailed Field Investigation**

## **Engineering Geologic Investigations**

Engineering geologic investigations should determine:

- 1. The presence, texture (e.g., grain size), and distribution (including depth) of unconsolidated deposits;
- 2. The age of unconsolidated deposits, especially for Quaternary Period units (both Pleistocene and Holocene Epochs);
- 3. Zones of flooding or historic liquefaction; and,
- 4. The groundwater level to be used in the liquefaction analysis, based on data from well logs, boreholes, monitoring wells, geophysical investigations, or available maps. Generally, the historic high groundwater level should be used unless other information indicates a higher or lower level is appropriate.

The engineering geologic investigations should reflect relative age, soil classification, three-dimensional distribution and general nature of exposures of earth materials within the area. Surficial deposits should be described as to general characteristics (including environment of deposition) and their relationship to present topography and drainage. It may be necessary to extend the mapping into adjacent areas. Geologic cross sections should be constrained by boreholes and/or trenches when available.

## Geotechnical Field Investigation

The vast majority of liquefaction hazards are associated with sandy and/or silty soils. For such soil types, there are at present two approaches available for quantitative evaluation of the soil's resistance to liquefaction. These are: (1) correlation and analyses based on in-situ Standard Penetration Test (SPT) (ASTM D1586-92) data, and (2) correlation and analyses based on in-situ Cone Penetration Test (CPT) (ASTM D3441-94) data. Both of these methods have some relative advantages (see Table 4). Either of these methods can suffice by itself for some site conditions, but there is also considerable advantage to using them jointly.

Seed and others (1985) provide guidelines for performing "standardized" SPT, and also provide correlations for conversion of penetration resistance obtained using most of the common alternate combinations of equipment and procedures in order to develop equivalent "standardized" penetration resistance values —  $(N_1)_{60}$ . These "standardized" penetration resistance values can then be used as a basis for evaluating liquefaction resistance.

Table 4. Comparative advantages of SPT and CPT methods.	
SPT ADVANTAGES	CPT ADVANTAGES
1. Retrieves a sample. This permits identification of soil type <i>with certainty</i> , and permits evaluation of fines content (which influences liquefaction resistance). Note that CPT provides poor resolution with respect to soil classification, and so usually requires some complementary borings with samples to more reliably define soil types and stratigraphy.	1. Provides <i>continuous</i> penetration resistance data, as opposed to averaged data over discrete increments (as with SPT), and so is less likely to "miss" thin layers and seams of liquefiable material.
2. Liquefaction resistance correlation is based primarily on field case histories, and the vast majority of the field case history database is for in-situ SPT data	2. Faster and less expensive than SPT, as no borehole is required.

Cone penetration test (CPT) tip resistance ( $q_c$ ) may also be used as a basis for evaluation of liquefaction resistance, by either (a) direct empirical comparison between qc data and case histories of seismic performance (Olsen, 1988), or (b) conversion of  $q_c$ -values to "equivalent" ( $N_1$ )<sub>60</sub>-values and use of correlations between ( $N_1$ )<sub>60</sub> data and case histories of seismic performance. At present, Method (b) — conversion of qc to equivalent ( $N_1$ )<sub>60</sub>— is preferred because the field case history data base for SPT is well-developed compared to CPT correlations. A number of suitable correlations between qc and ( $N_1$ )<sub>60</sub> are available (e.g., Robertson and Campanella, 1985; Seed and De Alba, 1986). These types of conversion correlations depend to some extent on knowledge of soil characteristics (e.g., soil type, mean particle size ( $D_{50}$ ), fines content). When the needed soil characteristics are either unknown or poorly defined, then it should be assumed that the ratio

$$\frac{q_c(kg/cm^2)}{N(blows/ft)}$$

is approximately equal to five for conversion from q<sub>c</sub> to "equivalent" N-values.

#### **Geotechnical Laboratory Testing**

The use of laboratory testing (e.g., cyclic triaxial, cyclic simple shear, cyclic torsional tests) on "undisturbed" soil samples as the sole basis for the evaluation of in-situ liquefaction resistance is not recommended, as unavoidable sample disturbance and/or sample densification during reconsolidation prior to undrained cyclic shearing causes a largely unpredictable, and typically unconservative, bias to such test results. Laboratory testing is recommended for determining grain-size distribution (including mean grain size  $D_{50}$ , effective grain size  $D_{10}$ , and percent passing #200 sieve), unit weights, moisture contents, void ratios, and relative density.

In addition to sandy and silty soils, some gravelly soils are potentially vulnerable to liquefaction (Evans and Fragasy, 1995, Evans and Zhou, 1995). Most gravelly soils drain relatively well, but when their voids are filled with finer particles, or they are surrounded (or "capped") by less pervious soils, drainage can be impeded and they may be vulnerable to liquefaction. Gravelly soils tend to be deposited in a more turbulent environment than sands or silts, and are fairly dense, and so are generally resistant to liquefaction. Accordingly, conservative "preliminary evaluation" methods (e.g., geologic assessments and/or shear-wave velocity measurements) often suffice for evaluation of their liquefaction potential. When preliminary evaluation does not suffice, more accurate quantitative methods must be used. Unfortunately, neither SPT nor CPT provides reliable penetration resistance data in soils with high gravel content, as the large particles impede these small-diameter penetrometers. At present, the best available technique for quantitative evaluation of the liquefaction resistance of coarse, gravelly soils involves correlations and analyses based on in-situ penetration resistance measurements using the very large-scale Becker-type Hammer system (Harder, 1988).

# **Evaluation of Potential Liquefaction Hazards**

The factor of safety for liquefaction resistance has been defined:

Factor of Safety = 
$$\frac{CSR_{liq}}{CSR_{qq}}$$

where  $CSR_{eq}$  is the cyclic stress ratio generated by the anticipated earthquake ground motions at the site, and  $CSR_{liq}$  is the cyclic stress ratio required to generate liquefaction (Seed and Idriss, 1982). For the purposes of evaluating the results of a quantitative assessment of liquefaction potential at a site, a factor of safety against the occurrence of liquefaction greater than about 1.3 can be considered an acceptable level of risk. This factor of safety assumes that high-quality, site-specific penetration resistance and geotechnical laboratory data were collected, and that ground-motion data from DMG (Petersen and others, 1996) were used in the analyses. If lower factors of safety are calculated for some soil zones, then an evaluation of the level (or severity) of the hazard associated with potential liquefaction of these soils should be made.

Such hazard assessment requires considerable engineering judgment. The following is, therefore, only a guide. The assessment of hazard associated with potential liquefaction of soil deposits at a site must consider two basic types of hazard:

- 1. Translational site instability (sliding, edge failure, lateral spreading, flow failure, etc.) that potentially may affect all or large portions of the site; and
- More localized hazard at and immediately adjacent to the structures and/or facilities of concern (e.g., bearing failure, settlement, localized lateral movements)
   As Bartlett and Youd (1995) have stated: "Two general questions must be answered when evaluating the liquefaction hazards for a given site:
  - (1) 'Are the sediments susceptible to liquefaction?' and
  - (2) 'If liquefaction does occur, what will be the ensuing amount of ground deformation?"

#### **Lateral Spreading and Site Displacement Hazards**

Lateral spreading on gently sloping ground generally is the most pervasive and damaging type of liquefaction failure (Bartlett and Youd, 1995). Assessment of the potential for lateral spreading and other large site displacement hazards may involve the need to determine the residual undrained strengths of potentially liquefiable soils. If required, this should be done using in-situ SPT or CPT test data (e.g., Seed and Harder, 1990). The use of laboratory testing for this purpose is not recommended, as a number of factors (e.g., sample disturbance, sample densification during reconsolidation prior to undrained shearing, and void ratio redistribution) render laboratory testing a potentially unreliable, and, therefore, unconservative basis for assessment of in-situ residual undrained strengths. Assessment of residual strengths of silty or clayey soils may, however, be based on laboratory testing of "undisturbed" samples.

Assessment of potential lateral spread hazards must consider dynamic loading as a potential "driving" force, in addition to gravitational forces. It should again be noted, that relatively thin seams of liquefiable material, if fairly continuous over large lateral areas, may serve as significant planes of weakness for translational movements. If prevention of translation or lateral spreading is ascribed to structures providing "edge containment," then the ability of these structures (e.g., berms, dikes, sea walls) to resist failure must also be assessed. Special care should be taken in assessing the containment capabilities of structures prone to potentially "brittle" modes of failure (e.g., brittle walls which may break, tiebacks which may fail in tension). If a hazard associated with potentially large translational movements is found to exist, then either: (a) suitable recommendations for mitigation of this hazard should be developed, or (b) the proposed "project" should be discontinued.

When suitably sound lateral containment is demonstrated to prevent potential sliding on liquefied layers, then potentially liquefiable zones of finite thickness occurring at depth may be deemed to pose no significant risk beyond the previously defined minimum acceptable level of risk. Suitable criteria upon which to base such an assessment include those proposed by Ishihara (1985, Figure 88; 1996, Chapter 16).

For information on empirical models that might be appropriate to use in these analyses, see Bartlett and Youd (1995).

#### **Localized Liquefaction Hazards**

If it can be shown that no significant risk of large translational movements exists, or if suitable mitigation measures can be developed that address such risks, then studies should proceed to consideration of five general types of more localized potential hazards, including:

- 1. Potential foundation bearing failure, or large foundation settlements due to ground softening and near-failure in bearing. To form a basis for concluding that no hazard exists, a high factor of safety (FS > 1.5) should be based on a realistic appraisal of the minimum soil strengths likely to be mobilized to resist bearing failure (including residual undrained strengths of soils considered likely to liquefy or to suffer significant strength loss due to cyclic pore pressure generation). If such hazard does exist, then appropriate recommendations for mitigation of this hazard should be developed.
- 2. **Potential structural and/or site settlements**. Settlements for saturated and unsaturated clean sands can be estimated using simplified empirical procedures (e.g., Tokimatsu and Seed, 1987; Ishihara and Yoshmine, 1992). These procedures, developed for relatively clean, sandy soils, have been found to provide reasonably reliable settlement estimates for sites not prone to significant lateral spreading.

Any prediction of liquefaction-related settlements is necessarily approximate, and related hazard assessment and/or development of recommendations for mitigation of such hazard should, accordingly, be performed with suitable conservatism. Similarly, it is very difficult to reliably estimate the amount of localized differential settlement likely to occur as part of the overall predicted settlement: localized *differential* settlements on the order of up to two-thirds of the total settlements anticipated should be assumed unless more precise predictions of differential settlements can be made.

3. Localized lateral displacement; "lateral spreading" and/or lateral compression. Methods for prediction of lateral ground displacements due to liquefaction-related ground softening are not yet well supported by data from case histories of field performance. As such case history data are now being developed, significant advances in the reliability and utility of techniques for prediction of lateral displacements may be expected over the next few years. Finite element models represent the most sophisticated method currently in use for calculating permanent displacements due to liquefaction lateral spreading. Like the dynamic analysis for landslide displacements, this method evaluates time histories of the stresses and strains for a strongmotion time history. This method is a state-of-the-art approach to liquefaction hazards and will likely take time to become the state-of-the-practice.

Consultants performing liquefaction hazard assessment should do their best to keep abreast of such developments. At present, lateral ground displacement magnitudes can be predicted with reasonable accuracy and reliability only for cases wherein such displacements are likely to be "small" (e.g., on the order of 15 cm or less). Larger displacements may be predicted with an accuracy of + one meter or more; this level of accuracy may suffice for design of some structures (e.g., earth and rock-fill dams), but does not represent a sufficiently refined level of accuracy as to be of use for design of foundations for most types of structures.

It may be possible to demonstrate that localized lateral displacements will be 0.5 meter or less based on: (a) evaluation of soil stratigraphy, residual undrained strengths, and duration and severity of seismic loading, or (b) simplified empirical methods. Bartlett and Youd's (1995) empirical procedure uses an existing field case history database of lateral spread occurrences. Other empirical methods or more complex analyses, may yield somewhat different results but should be allowed if the methods are documented and the results justified. When likely maximum lateral displacements can be shown to be less than 0.5 meter (e.g., Bartlett and Youd, 1995), it may be possible to design foundations with sufficient strength to withstand the expected movements without complete failure. In all other cases, more extensive recommendations are needed for mitigation of the hazard associated with potential lateral displacements.

- 4. *Floatation of light structures with basements, or underground storage structures*. Light structures which extend below the groundwater table and contain large void spaces may "float" or rise out of the ground during, or soon after an earthquake. Structures that are designed for shallow groundwater conditions typically rely on elements, such as cantilevered walls or tie-downs, that resist the buoyant or uplift forces produced by the water. If the material surrounding these elements liquefies, the resisting forces can be significantly reduced and the entire structure may be lifted out of the ground.
- 5. *Hazards to Lifelines*. To date, most liquefaction hazard investigations have focused on assessing the risks to commercial buildings, homes, and other occupied structures. However, liquefaction also poses problems for streets and lifelines—problems that may, in turn, jeopardize lives and property. For example, liquefaction locally caused natural gas pipelines to break and catch fire during the Northridge earthquake, and liquefaction-caused water line breakage greatly hampered firefighters in San Francisco following the 1906 earthquake. Thus, although lifelines are not explicitly mentioned in the Seismic Hazards Mapping Act, cities and counties may wish to require investigation and mitigation of potential liquefaction-caused damage to lifelines.

# **Mitigation of Liquefaction Hazards**

The hazard assessment required for project sites within zones of required investigation should (a) demonstrate that liquefaction at a proposed project site poses a sufficiently low hazard as to satisfy the defined acceptable level of risk criteria, or (b) result in implementation of suitable mitigation recommendations to effectively reduce the hazard to acceptable levels (CCR Title 14, Section 3721). Mitigation should provide suitable levels of protection with regard to the two general types of liquefaction hazards previously discussed (1) potential large lateral spread failures, and (2) more localized problems including potential bearing failure, settlements, and lateral displacements.

Potentially suitable methods for mitigation of lateral spread hazards may include the following:

1. Edge containment structures (e.g., berms, dikes, sea walls, retaining structures, compacted soil zones);

- 2. Removal or treatment of liquefiable soils to reduce liquefaction potential;
- 3. Modification of site geometry to reduce the risk of translational site instability; and/or
- 4. Drainage to lower the groundwater table below the level of the liquefiable soils.

Mitigation techniques may be applied individually or in combination. Mitchell and others (1995) summarize the performance of some mitigation techniques for past earthquakes. Hryciw (1995) includes several articles with additional information about the success of specific soil improvement techniques.

Once problems related to potentially large lateral spread failures have been resolved, the remaining "localized" potential hazards should be addressed and resolved. Suitable mitigation alternatives may include one or more of the following:

- 1. Excavation and removal or recompaction of potentially liquefiable soils;
- 2. In-situ ground densification (e.g., compaction with vibratory probes, dynamic consolidation, compaction piles, blasting densification, compaction grouting);
- 3. Other types of ground improvement (e.g., permeation grouting, columnar jet grouting, deep mixing, gravel drains or other drains, surcharge pre-loading, structural fills, dewatering);
- 4. Deep foundations (e.g., piles, piers), that have been designed to accommodate liquefaction effects:
- 5. Reinforced shallow foundations (e.g., grade beams, combined footings, reinforced or post-tensioned slabs, rigid raft foundations); and
- 6. Design of the proposed structures or facilities to withstand predicted ground softening and/or predicted vertical and lateral ground displacements to an acceptable level of risk.

The scope and type(s) of mitigation required depend on the site conditions present and the nature of the proposed project. Individual mitigation techniques may be used, but the most appropriate solution may involve using them in combination.

In general, only removal and/or densification of potentially liquefiable soils, or drainage of groundwater can *fully* eliminate all liquefaction hazards. In many cases, other methods may achieve the desired acceptable level of risk. For example, in areas where liquefaction may potentially cause displacements of one-third meter or less, design of the foundation to withstand displacements of one-half meter can significantly reduce future damage from liquefaction. The Northridge earthquake caused liquefaction in a number of locations. Insurers reported that losses equal to two-thirds of the value of damaged structures were not uncommon—structures that took many months, if not years, to again make habitable. Youd (personal communication, 1996) and other engineers indicate that by adding adequate reinforcing steel to properly designed concrete slabs or grade beams to resist fracture during ground displacement (very inexpensive for a single-

family dwelling), 80 percent or more of this damage would have been avoided and repairs (patching, re-leveling of homes, etc.) would have been expedited. Such improved foundations will also reduce damage from expansive soils, settling, minor landslide movement, and similar groundrelated problems (Federal Emergency Management Agency, in press). Based on these conclusions, the Liquefaction Working Group strongly recommends that, if the consultant determines that the project site will be affected by small lateral spreading, lead agencies should consider waiving detailed site investigations in lieu of foundation and structure designs that safely withstand up to two times the estimated deformations without fracturing the foundation. In the Liquefaction Working Group's opinion, the money required for detailed site investigations in areas not subject to lateral spread displacement would be better spent on mitigation than on investigation. This mitigation measure should provide adequate protection to the structure but will leave buried utilities unprotected and subject to damage, particularly at connections to the improved structures. In zones of required investigation for liquefaction, developers and utility companies should use types of pipe and flexible connections that are resistant to earthquake damage, thereby increasing the likelihood that the utilities will be functional after an earthquake (Federal Emergency Management Agency, in press).

Development of appropriate recommendations for mitigation of liquefaction hazards requires considerable judgment, as does the review and evaluation of such recommendations. Accordingly, the importance of the lead agency technical reviewer is emphasized. Technical reviewers are reminded to consider that the intent of the State's Seismic Hazard Zone program is to provide an adequate minimum level of protection for projects in the zone of required investigation, based on the acceptable level of risk. Owners/developers are, however, also hereby encouraged to implement a higher level of mitigation, in order to protect their investment and/or to minimize their potential future exposure and that of future occupants or users of the project structures or facilities.

# **CHAPTER 7**

# GUIDELINES FOR REVIEWING SITE-INVESTIGATION REPORTS

The purpose of this chapter is to provide general guidance to regulatory agencies that have approval authority over projects and to engineering geologists and civil engineers who review reports of seismic hazard investigations. These Guidelines recognize that effective mitigation ultimately depends on the professional judgment and expertise of the developer's engineering geologist and/or civil engineer in concert with the lead agency's engineering geologist and/or civil engineer.

The required technical review is a critical part of the evaluation process of approving a project. The reviewer ensures compliance with existing laws, regulations, ordinances, codes, policies, standards, and good practice, helping to assure that significant geologic factors (hazards and geologic processes) are properly considered, and potential problems are mitigated prior to project development. Under the Seismic Hazards Mapping Act, the reviewer is responsible for determining that each seismic hazard site investigation, and the resulting report, reasonably address the geologic and soil conditions that exist at a given site. The reviewer acts on behalf of a governing agency—city, county, regional, state, or federal—not only to protect the government's interest but also to protect the interest of the community at large. Examples of the review process in a state agency are described by Stewart and others (1976). Review at the local level has been discussed by Leighton (1975), Hart and Williams (1978), Berkland (1992), and Larson (1992). Grading codes, inspections, and the review process are discussed in detail by Scullin (1983).

### The Reviewer

#### **Qualifications**

CCR Title 14, Section 3724(c) states that the reviewer must be a licensed engineering geologist and/or civil engineer having competence in the field of seismic hazard evaluation and mitigation. California's Business and Professions Code limits the practice of geology and engineering to licensed geologists and engineers, respectively, thereby requiring that reviewers be licensed, or directly supervised by someone who is licensed, by the appropriate State board. Local and regional agencies may have additional requirements. Nothing in these Guidelines is intended to sanction or authorize the review of engineering geology reports by engineers or civil engineering reports by geologists.

The reviewer should be familiar with the investigative methods employed and the techniques available to these professions (see Chapters 3 through 6). The opinions and comments made by the reviewer should be competent, prudent, objective, consistent, unbiased, pragmatic, and reasonable. The reviewer should be professional and ethical. The reviewer should have a clear understanding of the criteria for approving and not approving reports. Reviews should be based on logical, defensible criteria.

Reviewers must recognize their limitations. They should be willing to ask for the opinions of others more qualified in specialty fields.

If there is clear evidence of incompetence or misrepresentation in a report, this fact should be reported to the reviewing agency or licensing board. California Civil Code Section 47 provides an immunity for statements made "in the initiation or course of any other proceedings authorized by law." Courts have interpreted this section as providing immunity to letters of complaint written to provide a public agency or board, including licensing boards, with information that the public board or agency may want to investigate (see *King v. Borges*, 28 Cal. App. 3d 27 [1972]; and *Brody v. Montalbano*, 87 Cal. App 3d 725 [1978]). Clearly, reviewers need to have the support of their agency in order to carry out these duties.

The primary purpose of the review procedure should always be kept in mind: to determine compliance with the regulations, codes, and ordinances that pertain to the development. The reviewer should demand that minimum standards are met. The mark of a good reviewer is the ability to sort out the important from the insignificant, to list appropriate requirements for compliance, and to assist the applicant and their consultants in meeting the regulations without doing the consultant's job.

#### **Conflict of Interest**

In cases where reviewers also perform geologic or engineering investigations, they should **never** be placed in the position of reviewing their own report, or that of their own agency or company.

# **Reviewing Reports**

#### The Report

A report that is incomplete or poorly written should be **not** approved. The report should demonstrate that the project complies with applicable regulations, codes, and ordinances, or local functional equivalents, in order to be approved.

The reviewer performs four principal functions in the technical review:

- 1. Identify any known potential hazards and impacts that are not addressed in the consultant's report. The reviewer should require investigation of the potential hazards and impacts,
- 2. Determine that the report contains sufficient data to support and is consistent with the stated conclusions,
- 3. Determine that the conclusions identify the potential impact of known and reasonable anticipated geologic processes and site conditions during the lifespan of the project; and,
- 4. Determine that the recommendations are consistent with the conclusions and can reasonably be expected to mitigate those anticipated earthquake-related problems that could have a significant impact on the proposed development. The included recommendations also should address the

need for additional geologic and engineering investigations (including any site inspections to be made as site remediation proceeds).

#### **Report Guidelines and Standards**

Investigators may save a great deal of time (and the client's money), and possibly misunderstandings, if they contact the reviewing geologist or engineer at the initiation of the investigation. Reviewers typically are familiar with the local geology and sources of information and may be able to provide additional guidance regarding their agency's expectations and review practices. Guidelines for geologic or geotechnical reports have been prepared by a number of agencies and are available to assist reviewers in their evaluation of reports (for example, DMG Notes 42, 44, 48, and 49). Distribution of copies of written policies and guidelines adopted by the agency, usually alerts the applicants and consultants about procedures, report formats, and levels of investigative detail that will expedite review and approval of the project.

If a reviewer determines that a report is not in compliance with the appropriate requirements, this fact should be stated in the written record. After the reviewer is satisfied that the investigation and resulting conclusions and recommendations are reasonable and meet local requirements, approval of the project should be recommended to the reviewing agency.

#### **Review of Submitted Reports**

The review of submitted reports constitutes professional practice and should be conducted as such. The reviewer should study the available data and site conditions in order to determine whether the report is in compliance with local requirements. A field reconnaissance of the site should be conducted, preferably after the review of available stereoscopic aerial photographs, geologic maps, and reports on nearby developments.

For each report reviewed, a clear, concise, and logical written record should be developed. This review record may be as long or short as is necessary, depending upon the complexity of the project, the geology, the engineering analysis, and the quality and completeness of the reports submitted. At a minimum, the record should:

- 1. Identify the project, pertinent permits, applicant, consultants, reports and plans reviewed,
- 2. Include a clear statement of the requirements to be met by the parties involved, data required, and the plan, phase, project, or report being approved or denied;
- 3. Contain summaries of the reviewer's field observations, associated literature and air photo review, and oral communications with the applicant and the consultant; and,
- 4. Contain copies of any pertinent written correspondence.
- 5. The reviewer's name and license number(s), with any associated expiration dates.

The report, plans, and review record should be kept in perpetuity to document that compliance with local requirements was achieved and for reference during future development, remodeling, or rebuilding. Such records also can be a valuable resource for land-use planning and real-estate disclosure.

#### **Report Filing Requirements**

PRC Section 2697 requires cities and counties to submit one copy of each approved site-investigation report, including mitigation measures, if any, that are to be taken, to the State Geologist within 30 days of report approval. Section 2697 also requires that if a project's approval is not in accordance with the policies and criteria of the State Mining and Geology Board (CCR Title 14, Chapter 2, Division 8, Article 10), the city or county must explain the reasons for the differences in writing to the State Geologist, within 30 days of the project's approval. Reports should be sent to:

California Department of Conservation Division of Mines and Geology Attn: Seismic Hazard Reports 801 K Street, MS 12-31 Sacramento, CA 95814-3531

#### Waivers

PRC Section 2697 and CCR Title 14, Section 3725 outline the process under which lead agencies may determine that information from studies conducted on sites in the immediate vicinity may be used to waive the site-investigation report requirement. CCR Title 14, Section 3725 indicates that when a lead agency determines that "geological and geotechnical conditions at the site are such that public safety is adequately protected and no mitigation is required," it may grant a waiver. CCR Title 14, Section 3725 also requires that such a finding be based on a report presenting evaluations of sites in the immediate vicinity having similar geologic and geotechnical characteristics. Further, Section 3725 stipulates that lead agencies must review waiver requests in the same manner as it reviews site-investigation reports; thus, waiver requests must be reviewed by a licensed engineering geologist and/or civil engineer, competent in the field of seismic hazard evaluation and mitigation. Generally, in addition to the findings of the reports that are presented in support of the waiver request, reviewers should consider:

- 1. The proximity of the project site to sites previously evaluated;
- 2. Whether the project sites previously evaluated adequately "surround" the project site to preclude the presence of stream channel deposits, historically higher water table, stream channels and other types of free faces that may present an opportunity for lateral spread failures; and,
- 3. Whether the supporting reports do, in fact, conclude that no hazard exists.

#### **Waiver Filing Requirements**

CCR Title 14, Section 3725 provides that "All such waivers shall be recorded with the county recorder and a separate copy, together with the report and commentary, filed with the State Geologist within 30 days of the waiver." These materials should be sent to:

California Department of Conservation Division of Mines and Geology Attn: Seismic Hazard Reports 801 K Street, MS 12-31 Sacramento, CA 95814-3531

#### **Appeals**

In cases where the reviewer is not able to approve a site-investigation report, or can accept it only on a conditional basis, the developer may wish to appeal the review decision. However, every effort should be made to resolve problems informally prior to making a formal appeal. Appeal procedures are often specified by a city or county ordinance or similar instrument. An appeal may be handled through existing legal procedures, such as a hearing by a County Board of Supervisors, a City Council, or a specially appointed Technical Appeals and Review Panel. Several administrators note that the Technical Appeals and Review Panel, comprised of geoscientists, engineers, and other appropriate professionals, benefits decision makers by providing additional technical expertise for especially complex and/or controversial cases. Adequate notice should be given to allow time for both sides to prepare their cases. After an appropriate hearing, the appeals decision should be made promptly and in writing as part of the permanent record.

Another way to remedy conflicts between the investigator and the reviewer is by means of a third party review. Such a review can take different paths ranging from the review of existing reports to in-depth field investigations. Third party reviews are usually done by consultants; not normally associated with the reviewing/permitting agency.

# REFERENCES CITED

- Acker, W.L., Jr., 1974, Basic procedures for soil sampling and core drilling: Acker Drill Co., Scranton, PA, 246 p.
- Algermissen, S.T., Perkins, D.M., Thenhaus, P.C., Hanson, S.L., and Bender, B.L., 1982, Probabilistic estimates of maximum acceleration and velocity in rock in the contiguous United States: U.S. Geological Survey Open-File Report 82-1033, 107 p., 6 oversized sheets.
- Ashford, S.A. and Sitar, N., 1994, Seismic response of steep natural slopes: University of California, Berkeley, Earthquake Engineering Research Center, Report No. UCB/EERC 94/05, 207 p.
- ASTM, 1971, Sampling of soil and rock: ASTM Special Technical Publication (STP) 483, American Society for Testing and Materials, Philadelphia, 193 p.
- ASTM, 1997, Soil and rock: American Society for Testing and Materials, v. 04.08 for ASTM test methods D-420 to D-4914, 153 standards, 1,206 p.; and v. 4.09 for ASTM test methods D-4943 to highest #, 161 standards, 1,036 p.
- Bartlett, S.F. and Youd, T.L., 1995, Empirical prediction of liquefaction-induced lateral spread: American Society of Civil Engineers, Journal of Geotechnical Engineering, v. 121, n. 4, p. 316-329.
- Berkland, J.O., 1992, Reviewing the geologic review process at the county level: Association of Engineering Geologists, Proceedings, 35th Annual Meeting, p. 333-336.

- Bromhead, E.N., 1986, The stability of slopes: Chapman and Hall, New York, 373 p.
- California Department of Conservation, Division of Mines and Geology: Guidelines to geologic/seismic reports. DMG Note 42.
- California Department of Conservation, Division of Mines and Geology: Guidelines for preparing engineering geologic reports. DMG Note 44.
- California Department of Conservation, Division of Mines and Geology: Checklists for the review of geologic/seismic reports for California public schools, hospitals, and essential services buildings. DMG Note 48.
- California Department of Conservation, Division of Mines and Geology: Guidelines for evaluating the hazard of surface fault rupture to geologic/seismic reports. DMG Note 49.
- Chowdhury, R.N., 1978, Slope analysis: Elsevier Scientific Publishing Company, Amsterdam, 423 p.
- Cornell, C.A., 1968, Engineering seismic risk analysis: Bulletin of the Seismological Society of America, v. 58, p. 1583-1606.
- Cotecchia, V., 1987, Earthquake-prone environments, in Anderson, M.G. and Richards, K.S., editors, Slope stability, geotechnical engineering and geomorphology: John Wiley & Sons, New York, p. 287-330.

- dePolo, C.M. and Slemmons, D.B., 1990, Estimation of earthquake size for seismic hazards, <u>in</u> Krinitzsky, E.L. and Slemmons, D.B., editors, Neotectonics in earthquake evaluations: Geological Society of America, Reviews in Engineering Geology, v. VIII, chapter 1, p. 1-28.
- Duncan J.M., 1996, Chapter 13, soil slope stability analysis, in Turner, A.K. and Schuster, R.L., editors, Landslides—investigation and mitigation:
  Transportation Research Board, National Research Council, Special Report 247, p. 337-371.
- Evans, M.D. and Fragaszy, R.J., editors, 1995, Static and dynamic properties of gravelly soils: American Society of Civil Engineers, Geotechnical Special Publication No. 56, 155 p.
- Evans, M.D. and Zhou, S., 1995, Liquefaction behavior of sand-gravel composites: American Society of Civil Engineers, Journal of Geotechnical Engineering, v. 121, n. 3, p. 287-298.
- Federal Emergency Management Agency, in press, NEHRP recommended provisions for seismic regulations for new buildings, part 2 commentary, 1997 edition.
- Harder, L.F., 1988, Use of penetration tests to determine the cyclic loading resistance of gravelly soils during earthquake shaking: Ph.D. dissertation, Department of Civil Engineering, University of California, Berkeley.
- Hart, E.W. and Williams, J.W., 1978, Geologic review process: CALIFORNIA GEOLOGY, v. 31, p. 235-236. Hayes, W.W., 1985, Workshop on probabilistic earthquake hazards assessments: U.S. Geological Survey, Proceedings of

- Conference XXXIV, Open-File Report 86-185, 385 p.
- Head, K.H., 1989, Soil technicians handbook: Pentech Press, John Wiley & Sons, London, 158 p.
- Houston, S.L., Houston, W.N., and Padilla, J.M., 1987, Microcomputer-aided evaluation of earthquake-induced permanent slope displacements:

  Microcomputers in Civil Engineering, v. 2, p. 207-222.
- Hryciw, R.D., editor, 1995, Soil improvement for earthquake hazard mitigation: American Society of Civil Engineers, Geotechnical Special Publication No. 49, 141 p.
- Hunt, R.E., 1984a, Geotechnical investigation manual: McGraw-Hill Book Co., New York, 983 p.
- Hunt, R.E., 1984b, Geotechnical engineering techniques and practices: McGraw-Hill Book Co., New York, 729 p. Hvorslev, M. J., 1948, Subsurface exploration and sampling of soils for civil engineering purposes: U.S. Army Corps of Engineers, Waterways Experiment Station, Vicksburg, Mississippi, 465 p.
- Hynes, M.E. and Franklin, A.G., 1984, Rationalizing the seismic coefficient method: U.S. Army Corps of Engineers, Waterways Experiment Station, Vicksburg, Mississippi, Miscellaneous Paper GL-84-13, July 1984.
- Idriss, I.M. and Sun, J.I., 1992, User's manual for SHAKE91, a computer program for conducting equivalent linear seismic response analyses of horizontally layered soil deposits: University of California-Davis, Center for Geotechnical Modeling,

- Department of Civil and Environmental Engineering, August 1992.
- ICBO, 1997, Uniform Building Code: International Conference of Building Officials, Whittier, California, volumes 1 and 2; especially Chapter 16, Structural Forces (earthquake provisions); Chapter 18, Foundations and Retaining Walls; and Chapter A33, Excavation and Grading.
- Ishihara, K., 1985, Stability of natural deposits during earthquakes: Proceedings, 11th International Conference on Soil Mechanics and Foundation Engineering, San Francisco, v. 1, p. 321-376.
- Ishihara, K., 1996, Soil behavior in earthquake geotechnics: Oxford University Press, New York, 350 p.
- Ishihara, K. and Yoshimine, M.,1992, Evaluation of settlements in sand deposits following liquefaction during earthquakes: Soil and Foundations, Japanese Society of Soil Mechanics and Foundation Engineering, v. 32, n. 1, p. 173-188.
- Janbu, N., 1973, Slope stability computations, in Hirschfeld, R.C. and Poulos, S.J., editors, Embankment-dam engineering: John Wiley & Sons, New York, p. 47-86.
- Jibson, R.W., 1993, Predicting earthquakeinduced landslide displacements using Newmark's sliding block analysis: Transportation Research Board, National Research Council, Transportation Research Record 1411, 17 p.
- Jibson, R.W. and Keefer, D.K., 1993, Analysis of the seismic origin of landslides: Examples from the New Madrid seismic zone: Geological Society of America Bulletin, v. 105, p. 521-536.

- Johnson, R.B. and DeGraff, J.V., 1988, Principles of engineering geology: John Wiley & Sons, Inc., New York, 497 p. Keaton, J.R. and DeGraff, J.V., 1996, Chapter 9, Surface observation and geologic mapping, in Turner, A.K. and Schuster, R.L., editors, Landslides—investigation and mitigation, Transportation Research Board, National Research Council, Special Report 247, p. 178-230.
- Keefer, D.K., 1984, Landslides caused by earthquakes: Geological Society of America Bulletin, v. 95, n. 4, p. 406-421.
- Kramer, S.L., 1996, Geotechnical earthquake engineering: Prentice Hall, New Jersey, 653 p.
- Krynine, D.P. and Judd, W.R., 1957, Principles of engineering geology and geotechnics: McGraw-Hill, New York, 730 p. Larson, R.A., 1992, A philosophy of regulatory review: Association of Engineering Geologists, Proceedings, 35th Annual Meeting, p. 224-226.
- Leighton, F.B., 1975, Role of geotechnical consultants and reviewers for the County of San Mateo: CALIFORNIA GEOLOGY, v. 28, n. 8, p. 178-181.
- Makdisi, F.I. and Seed, H.B., 1978, Simplified procedure for estimating dam and embankment earthquake-induced deformations: Proceedings of the American Society of Civil Engineers, Journal of Geotechnical Engineering, v. 104, n. GT7, p. 849-867.
- McGuffey, V.C., Modeer, V.A., Jr., and Turner, A.K., 1996, Chapter 10, Subsurface exploration, in Turner, A.K. and Schuster, R.L., editors, Landslides investigation and mitigation,

- Transportation Research Board, National Research Council, Special Report 247, p. 231-277.
- Mitchell, J.K., Baxter, C.D.P., and Munson, T.C., 1995, Performance of improved ground during earthquakes, in Hryciw, R.D., editor, Soil improvement for earthquake hazard mitigation: American Society of Civil Engineers, Geotechnical Special Publication No. 49, p. 1-36.
- Morgenstern, N.R. and Sangrey, D.A., 1978, Chapter 7, Methods of stability analysis, in Schuster, R.L. and Krizek, R.J., editors, Landslides— analysis and control: National Academy of Sciences, Washington, D.C., p. 155-172.
- Nash, D.F.T., 1987, A comparative review of limit equilibrium methods of stability analysis, in Anderson, M.G. and Richards, K.S., editors, Slope stability—geotechnical engineering and geomorphology: John Wiley & Sons, New York, p. 11-76.
- National Research Council, 1985, Liquefaction of soils during earthquakes: National Academy Press, Washington, D.C., 240 p.
- National Research Council, 1988, Probabilistic seismic hazard analysis: National Research Council, National Academy Press, 97 p.
- Newmark, N.M., 1965, Effects of earthquakes on dams and embankments: Geotechnique, v. 15, n. 2, p. 139-160.
- Okumura, T. and Shinozuka, M., 1990, Seismic hazard analysis for assessment of liquefaction potential: Proceedings of Fourth U.S. National Conference on Earthquake Engineering, v. 1, p. 771-780.

- Olsen, R.S., 1988, Using the CPT for dynamic site response characterization, in Von Thun, J.L., editor, Earthquake engineering and soil dynamics II— recent advances in ground motion evaluation: American Society of Civil Engineers, Geotechnical Special Publication No. 20, p. 374-388.
- Petersen, M.D., Bryant, W.A., Cramer, C.H., Cao, T., Reichle, M.S., Frankel, A.D., Lienkaemper, J.J., McCrory, P.A., and Schwartz, D.P., 1996, Probabilistic seismic hazard assessment for the State of California: California Department of Conservation, Division of Mines and Geology Open-File Report 96-08, 59 p.
- Reiter, L., 1990, Earthquake Hazard Analysis: Columbia University Press, New York, 252 p.
- Robertson, P.K. and Campanella, R.G., 1985, Liquefaction potential of sands using the CPT: American Society of Civil Engineers, Journal of Geotechnical Engineering, v. 111, n. 3, p. 384-403.
- Schnabel, P.B., Lysmer, J., and Seed, H.B., 1972, SHAKE, a computer program for earthquake response analysis of horizontally layered sites: University of California, Berkeley, Earthquake Engineering Research Center, Report No. EERC 72-12, 38 p.
- Scullin, C.M., 1983, Excavation and grading code administration, inspection, and enforcement: Prentice-Hall, Inc., Englewood Cliffs, NJ, 405 p.
- Scullin, C.M., 1994, Subsurface exploration using bucket auger borings and down-hole geologic inspection: Bulletin of the

- Association of Engineering Geologists, v. 31, n. 1, p. 99-105.
- Seed, H.B., 1966, A method for earthquake resistant design of earth dams: Proceedings of the American Society of Civil Engineers, Journal of the Soil Mechanics and Foundations Division, v. 92, n. SM1, p. 13-41.
- Seed, H.B., 1979, Considerations in the earthquake-resistant design of earth and rockfill dams: Geotechnique, v. 29, n. 3, p. 215-263.
- Seed, H.B. and DeAlba, P., 1986, Use of SPT and CPT tests for evaluating the liquefaction resistance of sands, in Clemence, S.P., editor, Use of in situ tests in geotechnical engineering: New York, American Society of Civil Engineers, Geotechnical Special Publication No. 6, p. 281-302.
- Seed, H.B. and Idriss, I.M., 1982, Ground motions and soil liquefaction during earthquakes: Earthquake Engineering Research Institute, Monograph, 134 p.
- Seed, H.B., Idriss, I.M., and Arango, I., 1983, Evaluation of liquefaction potential using field performance data: American Society of Civil Engineers, Journal of Geotechnical Engineering, v. 109, n. 3, p. 458-482.
- Seed, H.B., Tokimatsu, K., Harder, L.F., and Chung, R.M., 1985, Influence of SPT procedures in soil liquefaction resistance evaluations: American Society of Civil Engineers, Journal of Geotechnical Engineering, v. 111, n. 12, p. 1425-1445.
- Seed, R.B. and Harder, L.F., 1990, SPT-based analysis of cyclic pore pressure generation and undrained residual strength:
  Proceedings, H. Bolton Seed Memorial

- Symposium, BiTech Publishers, Ltd., Vancouver, v. 2, p. 351-376.
- Seismological Research Letters, 1997, (special issue on ground-motion attenuation relationships), v. 68, p. 9-222.
- Smith, W.K., 1994a, Characteristics of selected strong-motion records from the October 18, 1989, Loma Prieta, California, earthquake and the November-December 1985 Nahanni, Northwest Territories, Canada, earthquakes: U.S. Geological Survey Open-File Report 94-139, 7 p.
- Smith, W.K., 1994b, Database of Newmark displacements, Arias intensities, and Dobry durations for selected horizontal-component strong-motion records: U.S. Geological Survey Open-File Report 94-248, 14 p.
- Stewart, R.M., Hart, E.W., and Amimoto, P.Y., 1976, The review process and the adequacy of geologic reports: Bulletin of the International Association of Engineering Geology, n 14, p. 83-88. (Reprinted in CALIFORNIA GEOLOGY, 1977, v. 30, n. 10, p. 224-229.)
- Tokimatsu, K. and Seed, H.R., 1987, Evaluation of settlements in sands due to earthquake shaking: Journal of Geotechnical Engineering, v. 113, n. 8, p. 861-878
- U.S. Bureau of Reclamation, 1974, Earth manual, second edition: Water Resources Technical Publication, U.S. Department of Interior, Bureau of Reclamation, U.S. Government Printing Office, Washington, D.C., 810 p.
- U.S. Bureau of Reclamation, 1989, Engineering geology field manual: U.S.

- Department of Interior, Bureau of Reclamation, Denver, Colorado, 599 p.
- U.S. Navy, Department of, 1986, Foundations and earth structures, Design Manual 7.1: Naval Facilities Engineering Command, Alexandria, VA, NAVFAC DM-7.1, May 1986.
- Wells, D.L. and Coppersmith, K.J., 1994, New empirical relationships among magnitude, rupture length, rupture width, rupture area, and surface displacement: Bulletin of the Seismological Society of America, v. 84, p. 974-1002.
- Wilson, R.C., 1993, Relation of Arias intensity to magnitude and distance in California: U.S. Geological Survey Open-File Report 93-556, 42 p.
- Wilson, R.C. and Keefer, D.K., 1983, Dynamic analysis of a slope failure from the 1979 Coyote Lake, California, earthquake: Bulletin of the Seismological Society of America, v. 73, p. 863-877.

- Wilson, R.C. and Keefer, D.K., 1985, Predicting areal limits of earthquakeinduced landsliding, in Ziony, J.I., editor, Evaluating earthquake hazards in the Los Angeles region— an earth-science perspective: U.S. Geological Survey Professional Paper 1360, p. 317-345.
- Working Group on California Earthquake Probabilities, 1990, Probabilities of large earthquakes in the San Francisco Bay region, California: U.S. Geological Survey Circular 1053, 51 p.
- Working Group on California Earthquake Probabilities, 1995, Seismic hazards in Southern California— probable earthquakes, 1994 to 2024: Bulletin of the Seismological Society of America, v. 85, n. 2, p. 379-439.
- Youngs, R.R. and Coppersmith, K.J., 1985, Implications of fault slip rates and earthquake recurrence models to probabilistic seismic hazard estimates: Bulletin of the Seismological Society of America, v. 75, p. 939-964.

# RELATED REFERENCES

- Bishop, A.W., 1955, The use of the slip circle in the stability analysis of earth slopes: Geotechnique, v. 5, n. 1, p. 7-17
- Bloore, D.M., Joyner, W.B., and Fumal, T.E., 1993, Estimation of response spectra and peak accelerations from western North American earthquakes an interim report: U.S. Geological Survey Open-File Report 93-509, 72 p.
- Bloore, D.M., Joyner, W.B., and Fumal, T.E., 1994, Estimation of response spectra and peak accelerations from western North American earthquakes an interim report: U.S. Geological Survey Open-File Report 94-127, 40 p.
- Bloore, D.M., Joyner, W.B., and Fumal, T.E., 1997, Equations for estimating horizontal response spectra and peak acceleration from western North American earthquakes a summary of recent work: Seismological Research Letters, v. 68, n. 1, p. 128-153.
- Carrara, A., 1983, Multivariate models for landslide hazard evaluation: Mathematical Geology, v. 15, n. 3, p. 403-426.
- Carrara, A., Cardinali, M., Detti, R., Guzzetti, F., Pasqui, V., and Reichenbach, P., 1991, GIS techniques and statistical models in evaluation landslide hazards: Earth Surface Processes and Landforms, v. 16, n. 5, p. 427-445.
- Clark, B.R., Leighton, F.B., Cann, L.R., and Gaffey, J.T., 1979, Surficial landslides triggered by seismic shaking, San Fernando earthquake of 1971: Menlo Park, California, Final Technical Report to U.S. Geological Survey under Contract 14-08-001-16810, 42 p.

- Coppersmith, K.J., 1991, Seismic source characterization for engineering seismic hazard analyses: Proceedings, Fourth International Conference on Seismic Zonation, Stanford, California, v. 1, p. 3-60.
- Cotecchia, V., 1978, Systematic reconnaissance mapping and registration of slope movements: International Association of Engineering Geologists Bulletin, n. 17, p. 5-37.
- Evernden, J.F. and Thomson, J.M., 1988, Predictive model for important ground motion parameters associated with large and great earthquakes: U.S. Geological Survey Bulletin 1838, 27 p.
- Fumal, T.E., and Tinsley, J.C., 1985, Mapping shear-wave velocities of nearsurface geologic materials, *in* Ziony, J.I., editor, Evaluating earthquake hazards in the Los Angeles region – an earth-science perspective: U.S. Geological Survey Professional Paper 1360, p. 127-149.
- Goodman, R.E., and Seed, H.B., 1966, Earthquake-induced displacement in sand embankments: Proceedings of the American Society Civil Engineers, Journal of the Soil Mechanics and Foundations Division, v. 92, n. SM2, p. 125-146.
- Harp, E.L., Keefer, D.K., and Wilson, R.C., 1980, A comparison of artificial and natural slope failures, the Santa Barbara earthquake of August 13, 1978: California Geology, v. 33, p. 102-105.
- Harp, E.L., Wilson, R.C., and Wieczorek, G.F., 1981, Landslides from the February

- 4, 1976, Guatemala earthquake: U.S. Geological Survey Professional Paper 1204-A, 35 p.
- Hendron, A.J., Jr., Cording, E.J., and Aiyer, A.K., 1980, Analytical and graphical methods for the analysis of slopes in rock masses: U.S. Army Waterways Experiment Station Tech. Report GL-80-2, Vicksburg, Miss.
- Hoek, E. and Bray, J.W., 1981, Rock slope engineering, revised 3<sup>rd</sup> edition: Institute of Mining and Metallurgy, London, 358 p.
- Kachadoorian, R., 1971, An estimate of the damage, *in* The San Fernando, California, Earthquake of February 9, 1971: U.S. Geological Survey Professional Paper 733, p. 5.
- Kane, W.F. and Tehaney, J.M., editors, 1995,Foundation upgrading and repair for infrastructure improvement: Americal Society of Civil Engineers, Geotechnical Special Publication No. 50, 120 p.
- Keefer, D.K., 1984, Rock avalanches caused by earthquakes – source characteristics: Science, v. 223, n. 4642, p. 1288-1290.
- Keefer, D.K. and Carlton, L.H., editors, 1995, Landslides under static and dynamic conditions – analysis, monitoring, and mitigation: American Society of Civil Engineers, Geotechnical Special Publication No. 52, 128 p.
- Keefer, D.K. and Tannaci, N.E., 1981, Bibliography on landslides, soil liquefaction, and related ground failures in selected historic earthquakes: U.S. Geological Survey Open-File Report 81-572, 39 p.

- Keefer, D.K., Wieczorek, G.F., Harp, E.L., and Tuel, D.H., 1978, Preliminary assessment of seismically induced landslide susceptibility *in* Proceedings, Second International Conference on Microzonation: San Francisco, California, v. 1, p. 279-290.
- Kramer, Stephen and Siddharthan, Raj, editors, 1995, Earthquake-induced movements and seismic remediation of existing foundations and abutments: American Society of Civil Engineers, Geotechnical Special Publication No. 55, 148 p.
- Manson, M.W., Keefer, D.K., and McKittrick, M.A., compilers, 1991, Landslide and other geologic features in the Santa Cruz Mountains, California, resulting from the Loma Prieta Earthquake of October 17, 1989: California Department of Conservation, Division of Mines and Geology Open-File Report 91-05.
- McCrink, T.P., 1995, Ridge-top landslides triggered by the Northridge Earthquake *in* The Northridge, California, Earthquake of 17 January 1994: California Department of Conservation, Division of Mines and Geology Special Publication 116, p. 273-287.
- Morgenstern, N.R. and Price, V.E., 1965, The analysis of the stability of general slip surfaces: Geotechnique, v. 15, n. 1, p. 79-93.
- Morton, D.M., 1971, Seismically triggered landslides in the area above the San Fernando Valley in The San Fernando, California, Earthquake of February 9, 1971: U.S. Geological Survey Professional Paper 733, p. 99-104.

- Morton, D.M., 1975, Seismically triggered landslides in the area above the San Fernando Valley in Oakeshott, G.B., editor, San Fernando, California, earthquake of February 9, 1971: California Department of Conservation, Division of Mines and Geology Bulletin 196, p. 145-154.
- Nelson, C.V. and Christenson, G.E., 1992, Establishing guidelines for surface fault rupture hazard investigations – Salt Lake County, Utah: Association of Engineering Geologists, Proceedings, 35<sup>th</sup> Annual Meeting, p. 242-249.
- Pike, R.J., 1988, The geometric signature: Quantifying landslide-terrain types from digital elevation models: Mathematical Geology, v. 20, n. 5, p. 491-511.
- Rib, H.T. and Liang, T., 1978, Recognition and Identification *in* Schuster, R.L. and Krizek, R.J., editors, Landslides analysis and control: Transportation Research Board, National Academy of Sciences, Special Report 176, p. 34-80.
- Rogers, J.D. and Olshansky, R.B., 1992, Science verses advocacy – the reviewers role to protect the public interest: Association of Engineering Geologists, Proceedings, 35<sup>th</sup> Annual Meeting, p. 371-378.
- Sarna, S.K., 1973, Stability analysis of embankments and slopes: Geotechnique, v. 23, n. 3, p. 423-433.
- Sarna, S.K., 1979, Stability analysis of embankments and slopes: Proceedings of the American Society of Civil Engineers, Journal of the Geotechnical Engineering Division, v. 105, n GT12, p. 1511-1524.

- Sarna, S.K. and Bhave, M.V., 1974, Critical acceleration versus static safety factor in stability analysis of earth dams and embankments: Geotechnique, v. 24, n. 4, p. 661-665.
- Seed, H.B., 1967, Slope stability during earthquakes: Proceedings of the American Society of Civil Engineers, Journal of the Soil Mechanics and Foundation Engineering Division, v. 93, n. SM4, p. 299-323.
- Seed, H.B., 1968, Landslides during earthquakes due to soil liquefaction: Proceedings of the American Society of Civil Engineers, Journal of the Soil Mechanics and Foundation Engineering. Division, v. 94, n. SM5, p. 1053-1122.
- Seed, H.B., 1987, Design problems in soil liquefaction: American Society of Civil Engineers, Journal of Geotechnical Engineering, v. 113, n. 8, p. 827-845.
- Seed, H.B. and Martin, G.R., 1966, The seismic design coefficient in earth dam design: Proceedings of the American Society of Civil Engineers, Journal of the Soil Mechanics and Foundation Engineering. Division, v. 92, n. SM3, p. 25-58.
- Skempton, A.W., 1985, Residual strength of clays in landslides, foliated strata, and the laboratory: Geotechnique, v. 35, n. 1, p. 3-18.
- Sowers, G.F. and Royster, D.L., 1978, Field investigation <u>in</u> Schuster, R.L., and Krizek, R.J., editors, Landslides analysis and control: Transportation Research Board, National Academy of Sciences, Special Report 176, p. 81-111.

- Spencer, E., 1967, A method of analysis of the stability of embankments assuming parallel inter-slice forces: Geotechnique, v. 17, n. 1, p. 11-26.
- Spencer, E., 1981, Slip circles and critical shear planes: Proceedings of the American Society of Civil Engineers, Journal of the Geotechnical Engineering Division, v. 107, n. GT7, p. 929-942.
- Spittler, T.E. and Harp, E.L., 1990,
  Preliminary map of landslide features and coseismic fissures triggered by the Loma Prieta earthquake of October 17, 1989:
  California Department of Conservation,
  Division of Mines and Geology Open-File Report 90-6, map scale 1:48,000.
- Taylor, F. and Brabb, E.E., 1986, Map showing the status of landslide inventory and susceptibility mapping in California: U.S. Geological Survey Open-File Report 86-100.
- Terzaghi, K., 1950, Mechanism of landslides in Paige, S., editor, Application of Geology to Engineering Practice, Berkey Volume: Geological Society of America, p. 83-123.
- Terzaghi, K., 1962, Stability of steep slopes on hard, unweathered rock: Geotechnique, v. 12, n. 12, p. 251-270.
- Terzaghi, K., Peck, R.B., and Mesri, G., 1995, Soil mechanics in engineering practice: John Wiley & Sons, New York, 592 p.
- Turner, A.K. and Schuster, R.L., editors, Landslides – Investigation and mitigation: Transportation Research Board, National Research Council, Special Report 247, 672 p.

- Turner, J.P., editor, 1995, Performance of deep foundations under seismic loading: American Society of Civil Engineers, Geotechnical Special Publication No. 51, 88 p.
- U.S. Army, Office of the Chief Engineers, 1982, Engineering and design stability of earth and rockfill dams: Engineering Manual, EM-1110-2-1902, Washington, D.C.
- Wieczorek, G.F., Wilson, R.C., and Harp, E.L., 1985, Map of slope stability during earthquakes in San Mateo County, California: U.S. Geological Survey Miscellaneous Investigations Map I-1257-E, scale 1:62,500.
- Wilson, R.C. and Keefer, D.K., 1985, Predicting areal limits of earthquakeinduced landsliding <u>in</u> Ziony, J.I., editor, Evaluating earthquake hazards in the Los Angeles region – an earth-science perspective: U.S. Geological Survey Professional Paper 1360, p. 317-345.
- Wolfe, J., 1975, More on registration: California Geology, v. 28, p. 155-156.
- Yeats, R.S., Sieh, K.E., and Allen, C.R., 1997, The geology of earthquakes: Oxford University Press, 568 p.
- Youd, T.L., 1980, Ground failure displacement and earthquake damage to buildings: American Society of Civil Engineers, Proceedings of the Specialty Conference on Civil Engineering and Nuclear Power, v. 2, p. 7-6-1 to 7-6-26.
- Youd, T.L., 1984, Recurrence of liquefaction at the same site: Proceedings, Eighth World Conference on Earthquake Engineering, San Francisco, California, v. 3, p. 231-238.

- Youd, T.L., and Hoose, S.N., 1978, Historic ground failures in northern California triggered by earthquakes: U.S. Geological Survey Professional Paper 993, 177 p., map scale 1:250,000.
- Youd, T.L., 1991, Mapping of earthquakeinduced liquefaction for seismic zonation: Proceedings, Fourth International Conference on Seismic Zonation, Stanford, California, v. 1, p. 111-138.

### **APPENDIX A**

### SEISMIC HAZARDS MAPPING ACT

#### CALIFORNIA PUBLIC RESOURCES CODE

Division 2. Geology, Mines and Mining

#### **CHAPTER 7.8. SEISMIC HAZARDS MAPPING**

- 2690. This chapter shall be known and may be cited as the Seismic Hazards Mapping Act.
- 2691. The Legislature finds and declares all of the following:
  - (a) The effects of strong ground shaking, liquefaction, landslides, or other ground failure account for approximately 95 percent of economic losses caused by an earthquake.
  - (b) Areas subject to these processes during an earthquake have not been identified or mapped statewide, despite the fact that scientific techniques are available to do so.
  - (c) It is necessary to identify and map seismic hazard zones in order for cities and counties to adequately prepare the safety element of their general plans and to encourage land use management policies and regulations to reduce and mitigate those hazards to protect public health and safety.

- (a) It is the intent of the Legislature to provide for a statewide seismic hazard mapping and technical advisory program to assist cities and counties in fulfilling their responsibilities for protecting the public health and safety from the effects of strong ground shaking, liquefaction, landslides, or other ground failure and other seismic hazards caused by earthquakes.
- (b) It is further the intent of the Legislature that maps and accompanying information provided pursuant to this chapter be made available to local governments for planning and development purposes.
- (c) It is further the intent of the Legislature that the Division of Mines and Geology, in implementing this chapter, shall, to the extent possible, coordinate its activities with, and use existing information generated from, the earthquake fault zones mapping program pursuant to Chapter 7.5 (commencing with Section 2621), the landslide hazard identification program pursuant to Chapter 7.7 (commencing with Section 2670), and the inundation maps prepared pursuant to Section 8589.5 of the Government Code.

**2692.1**. The State Geologist may include in maps compiled pursuant to this chapter information on the potential effects of tsunami and seiche when information becomes available from other sources and the State Geologist determines the information is appropriate for use by local government. The State Geologist shall not be required to provide this information unless additional funding is provided both to make the determination and to distribute the tsunami and seiche information.

#### 2693. As used in this chapter:

- (a) "City" and "County" includes the City and County of San Francisco.
- (b) "Geotechnical" report means a report prepared by a certified engineering geologist or a civil engineer practicing within the area of his or her competence, which identifies seismic hazards and recommends mitigation measures to reduce the risk of seismic hazard to acceptable levels.
- (c) "Mitigation" means those measures that are consistent with established practice and that will reduce seismic risk to acceptable levels.
- (d) "Project" has the same meaning as in Chapter 7.5 (commencing with Section 2621), except as follows:
  - A single-family dwelling otherwise qualifying as a project may be exempted by the city or county having jurisdiction of the project.
  - "Project" does not include alterations or additions to any structure within a seismic hazard zone which do not exceed either 50 percent of the value of the structure or 50 percent of the existing floor area of the structure.
- (e) "Commission" means the Seismic Safety Commission.
- (f) "Board" means the State Mining and Geology Board.

- (a) A person who is acting as an agent for a seller of real property that is located within a seismic hazard zone, as designated under this chapter, or the seller, if he or she is acting without an agent, shall disclose to any prospective purchaser the fact that the property is located within a seismic hazard zone, if the maps prepared pursuant to this chapter or the information contained in the maps are reasonably available.
- (b) In all transactions that are subject to Section 1102 of the Civil Code, the disclosure required by subdivision (a) of this section shall be provided by either of the following means:
  - The Local Option Real Estate Transfer Disclosure Statement as provided in Section 1102.6a of the Civil Code.
  - The Natural Hazard Disclosure Statement as provided in Section 1102.6c of the Civil Code.

- (c) Disclosure is required pursuant to this section only when one of the following conditions is met:
  - The seller, or seller's agent, has actual knowledge that the property is within a seismic hazard zone.
  - A map that includes the property has been provided to the city or county pursuant to Section 2622, and a notice has been posted at the offices of the county recorder, county assessor, and county planning agency that identifies the location of the map and any information regarding changes to the map received by the county.
- (d) If the map or accompanying information is not of sufficient accuracy or scale that a reasonable person can determine if the subject real property is included in a seismic hazard zone, the agent shall mark "Yes" on the Natural Hazard Disclosure Statement. The agent may mark "No" on the Natural Hazard Disclosure Statement if he or she attaches a report prepared pursuant to subdivision (c) of Section 1102.4 of the Civil Code that verifies the property is not in the hazard zone. Nothing in this subdivision is intended to limit or abridge any existing duty of the seller or the seller's agents to exercise reasonable care in making a determination under this subdivision.
- (e) For purposes of the disclosures required by this section, the following persons shall not be deemed agents of the seller:
  - (a) Persons specified in Section 1102.11 of the Civil Code.
  - (b) Persons acting under a power of sale regulated by Section 2924 of the Civil Code.
- (f) For purposes of this section, Section 1102.13 of the Civil Code applies.
- (g) The specification of items for disclosure in this section does not limit or abridge any obligation for disclosure created by any other provision of law or that may exist in order to avoid fraud, misrepresentation, or deceit in the transfer transaction.

- (a) On or before January 1, 1992, the board, in consultation with the director and the commission, shall develop all of the following:
  - (1) Guidelines for the preparation of maps of seismic hazard zones in the state.
  - (2) Priorities for mapping of seismic hazard zones. In setting priorities, the board shall take into account the following factors:
    - The population affected by the seismic hazard in the event of an earthquake.
    - The probability that the seismic hazard would threaten public health and safety in the event of an earthquake.
    - The willingness of lead agencies and other public agencies to share the cost of mapping within their jurisdiction.
    - The availability of existing information.

(3) Policies and criteria regarding the responsibilities of cities, counties, and state agencies pursuant to this chapter. The policies and criteria shall address, but not be limited to, the following:

(4)

- Criteria for approval of a project within a seismic hazard zone, including mitigation measures.
- The contents of the geotechnical report.
- Evaluation of the geotechnical report by the lead agency.
- (5) Guidelines for evaluating seismic hazards and recommending mitigation measures.
- (6) Any necessary procedures, including, but not limited to, processing of waivers pursuant to Section 2697, to facilitate the implementation of this chapter.
- (b) In developing the policies and criteria pursuant to subdivision (a), the board shall consult with and consider the recommendations of an advisory committee, appointed by the board in consultation with the commission, composed of the following members:
  - (1) An engineering geologist registered in the state.
  - (2) A seismologist.
  - (3) A civil engineer registered in the state.
  - (4) A structural engineer registered in the state.
  - (5) A representative of city government, selected from a list submitted by the League of California Cities.
  - (6) A representative of county government, selected from a list submitted by the County Supervisors Association of California.
    - A representative of regional government, selected from a list submitted by the Council of Governments.
    - A representative of the insurance industry.
    - The Insurance Commissioner
- (c) All of the members of the advisory committee shall have expertise in the field of seismic hazards or seismic safety.
- (d) At least 90 days prior to adopting measures pursuant to this section, the board shall transmit or cause to be transmitted a draft of those measures to affected cities, counties, and state agencies for review and comment.

- (a) The State Geologist shall compile maps identifying seismic hazard zones, consistent with the requirements of Section 2695. The maps shall be compiled in accordance with a time schedule developed by the director and based upon the provisions of Section 2695 and the level of funding available to implement this chapter.
- (b) The State Geologist shall, upon completion, submit seismic hazard maps compiled pursuant to subdivision (a) to the board and all affected cities, counties, and state agencies for review

and comment. Concerned jurisdictions and agencies shall submit all comments to the board for review and consideration within 90 days. Within 90 days of board review, the State Geologist shall revise the maps, as appropriate, and shall provide copies of the official maps to each state agency, city, or county, including the county recorder, having jurisdiction over lands containing an area of seismic hazard. The county recorder shall record all information transmitted as part of the public record.

(c) In order to ensure that sellers of real property and their agents are adequately informed, any county that receives an official map pursuant to this section shall post a notice within five days of receipt of the map at the office of the county recorder, county assessor, and county planning agency, identifying the location of the map and any information regarding changes to the map and the effective date of the notice.

#### 2697.

- (a) Cities and counties shall require, prior to the approval of a project located in a seismic hazard zone, a geotechnical report defining and delineating any seismic hazard. If the city or county finds that no undue hazard of this kind exists, based on information resulting from studies conducted on sites in the immediate vicinity of the project and of similar soil composition to the project site, the geotechnical report may be waived. After a report has been approved or a waiver granted, subsequent geotechnical reports shall not be required, provided that new geologic datum, or data, warranting further investigation is not recorded. Each city and county shall submit one copy of each approved geotechnical report, including the mitigation measures, if any, that are to be taken, to the State Geologist within 30 days of its approval of the report.
- (b) In meeting the requirements of this section, cities and counties shall consider the policies and criteria established pursuant to this chapter. If a project's approval is not in accordance with the policies and criteria, the city or county shall explain the reasons for the differences in writing to the State Geologist, within 30 days of the project's approval.

#### 2698.

Nothing in this chapter is intended to prevent cities and counties from establishing policies and criteria which are more strict than those established by the board.

#### 2699.

Each city and county, in preparing the safety element to its general plan pursuant to subdivision (g) of Section 65302 of the Government Code, and in adopting or revising land use planning and permitting ordinances, shall take into account the information provided in available seismic hazard maps.

There is hereby created the Seismic Hazards Identification Fund, as a special fund in the State Treasury. Notwithstanding Section 13340 of the Government Code, the moneys in the fund are continuously appropriated to the division for the purposes of this chapter. Notwithstanding Section 5001 of the Insurance Code, one-half of 1 percent of the earthquake surcharge moneys received by the California Residential Earthquake Recovery Fund in any calendar year shall be transferred to the Seismic Hazards Identification Fund for the purposes of carrying out this chapter. This subdivision shall become operative only if Assembly Bill 3913 or Senate Bill 2902 of the 1989-90 Regular Session of the Legislature is enacted and takes effect.

#### 2699.6.

This chapter shall become operative on April 1, 1991.

# APPENDIX B

California Code of Regulations Title 14. Natural Resources Division 2. Department of Conservation Chapter 8. Mining and Geology Article 10. Seismic Hazards Mapping

#### 3720. Purpose

These regulations shall govern the exercise of city, county and state agency responsibilities to identify and map seismic hazard zones and to mitigate seismic hazards to protect public health and safety in accordance with the provisions of Public Resources Code, Section 2690 et seq. (Seismic Hazards Mapping Act).

Authority cited: Public Resources Code Section 2695

Reference: Public Resources Code Section 2695(a)(1)and (3)-(5)

#### 3721. Definitions

- (a) "Acceptable Level" means that level that provides reasonable protection of the public safety, though it does not necessarily ensure continued structural integrity and functionality of the project.
- (b) "Lead Agency" means the city, county or state agency with the authority to approve projects.
- (c) "Registered civil engineer" or "certified engineering geologist" means a civil engineer or engineering geologist who is registered or certified in the State of California.

Authority cited: Public Resources Code Section 2695 Reference: Public Resources Code Sections 2690-2696.6

#### 3722. Requirements for Mapping Seismic Hazard Zones

- (a) The Department of Conservation, Division of Mines and Geology, shall prepare one or more State-wide probabilistic ground shaking maps for a suitably defined reference soil column. One of the maps shall show ground shaking levels which have a 10% probability of being exceeded in 50 years. These maps shall be used with the following criteria to define seismic hazard zones:
  - (1) Amplified shaking hazard zones shall be delineated as areas where historic occurrence of amplified ground shaking, or local geological and geotechnical conditions indicate a potential for ground shaking to be amplified to a level such that mitigation as defined in Public Resources Code Section 2693(c)would be required.

- (2) Liquefaction hazard zones shall be delineated as areas where historic occurrence of liquefaction, or local geological, geotechnical and ground water conditions indicate a potential for permanent ground displacements such that mitigation as defined in Public Resources Code Section 2693(c) would be required.
- (3) Earthquake-induced landslide hazard zones shall be delineated as areas where Holocene occurrence of landslide movement, or local slope of terrain, and geological, geotechnical and ground moisture conditions indicate a potential for permanent ground displacements such that mitigation as defined in Public Resources Code Section 2693(c) would be required.
- (b) Highest priority for mapping seismic hazard zones shall be given to areas facing urbanization or redevelopment in conjunction with the factors listed in Section 2695(a)(2)(A), (B), (C) and (D) of the Public Resources Code.

Authority cited: Public Resources Code Section 2695 Reference: Public Resources Code Section 2695(a)(1)

#### 3723. Review of Preliminary Seismic Hazard Zones Maps

- (a) The Mining and Geology Board shall provide an opportunity for receipt of public comments and recommendations during the 90-day period for review of preliminary seismic hazard zone maps provided by the Public Resources Code Section 2696. At least one public hearing shall be scheduled for that purpose.
- (b) Following the end of the review period, the Board shall forward its comments and recommendations, with supporting data received, to the State Geologist for consideration prior to revision and official issuance of the maps.

Authority cited: Public Resources Code Section 2696 Reference: Public Resources Code Section 2696

#### 3724. Specific Criteria for Project Approval

The following specific criteria for project approval shall apply within seismic hazard zones and shall be used by affected lead agencies in complying with the provisions of the Act:

- (a) A project shall be approved only when the nature and severity of the seismic hazards at the site have been evaluated in a geotechnical report and appropriate mitigation measures have been proposed.
- (b) The geotechnical report shall be prepared by a registered civil engineer or certified engineering geologist, having competence in the field of seismic hazard evaluation and mitigation. The geotechnical report shall contain site-specific evaluations of the seismic hazard affecting the project, and shall identify portions of the project site containing seismic hazards. The report shall also identify any known off-site seismic hazards that

could adversely affect the site in the event of an earthquake. The contents of the geotechnical report shall include, but shall not be limited to, the following:

- (1) Project description.
- (2) A description of the geologic and geotechnical conditions at the site, including an appropriate site location map.
- (3) Evaluation of site-specific seismic hazards based on geological and geotechnical conditions, in accordance with current standards of practice.
- (4) Recommendations for appropriate mitigation measures as required in Section 3724(a), above.
- (5) Name of report preparer(s), and signature(s) of a certified engineering geologist and/or registered civil engineer, having competence in the field of seismic hazard evaluation and mitigation.
- (c) Prior to approving the project, the lead agency shall independently review e geotechnical report to determine the adequacy of the hazard evaluation and proposed mitigation measures and to determine the requirements of Section 3724(a), above, are satisfied. Such reviews shall be conducted by a certified engineering geologist or registered civil engineer, having competence in the field of seismic hazard evaluation and mitigation.

Authority cited: Public Resources Code Section 2695

Reference: Public Resources Code Section 2695(a)(3)(A), (B), and (C)

#### 3725. Waivers of Geotechnical Report Requirements

For a specific project, the lead agency may determine that the geological and geotechnical conditions at the site are such that public safety is adequately protected and no mitigation is required. This finding shall be based on a report presenting evaluations of sites in the immediate vicinity having similar geologic and geotechnical characteristics. The report shall be prepared by a certified engineering geologist or register civil engineer, having competence in the field of seismic hazard evaluation and mitigation. The lead agency shall review submitted reports in the same manner as in Section 3724(c) of this article. The shall also provide a written commentary that addresses the report conclusions and the justification for applying the conclusions contains in the report to the project site. When the lead agency makes such a finding, it may waive the requirement of a geotechnical report for the project. All such waivers shall be recorded with the county recorder and a separate copy, together with the report and commentary, filed with the State Geologist within 30 days of the waiver.

Authority cited: Public Resources Code Section 2695 Reference: Public Resources Code Section 2697(a)(5)

# **APPENDIX C**

# TECHNICAL TERMS AND DEFINITIONS

ASTM	American Society for Testing and Materials		
CPT	Cone Penetration Test (ASTM D3441-94).		
CSR	Cyclic stress ratio— a normalized measure of cyclic load severity,		
	expressed as equivalent uniform cyclic deviatoric load divided by some		
	measure of initial effective overburden or confining stress.		
$\mathbf{CSR_{eq}}$	The equivalent uniform cyclic stress ratio representative of the dynamic		
	loading imposed by an earthquake.		
$\mathbf{CSR_{liq}}$	The equivalent uniform cyclic stress ratio required to induce liquefaction		
	within a given number of loading cycles [that number of cycles considered		
	representative of the earthquake under consideration].		
DSHA	Deterministic seismic hazard analysis		
FS	Factor of safety— the ratio of the forces available to resist failure divided		
	by the driving forces.		
Ground Loss	Localized ground subsidence.		
k	Seismic coefficient used in a pseudo-static slope stability analysis		
Liquefaction	Significant loss of soil strength due to pore pressure increase.		
N	Penetration resistance measured in SPT tests (blows/ft).		
$N_1$	Normalized SPT N-value (blows/ft); corrected for overburden stress effects		
	to the N-value which would occur if the effective overburden stress was 1.0		
	tons/ft <sup>2</sup> .		
$(N_1)_{60}$	Standardized, normalized SPT-value; corrected for both overburden stress		
	effects and equipment and procedural effects (blows/ft).		
PI	Plasticity Index; the difference between the Atterberg Liquid Limit (LL)		
	and the Atterberg Plastic Limit (PL) for a cohesive soil. $[PI(\%) = LL(\%) - PL(\%)]$		
DOLLA	PL(%)].		
PSHA	Probabilistic seismic hazard analysis		
$\mathbf{q}_{\mathbf{c}}$	Tip resistance measured by CPT probe (force/length <sup>2</sup> ).		
$\mathbf{q}_{\mathrm{c,1}}$	Normalized CPT tip resistance (force/length <sup>2</sup> ); corrected for overburden		
	stress effects to the qc value which would occur if the effective overburden		
Caral Daile	stress was 1.0 tons/ ft <sup>2</sup> .		
Sand Boiling	Localized ejection of soil and water to relieve excess pore pressure.		
SPPV	Simple prescribed parameter values		
SPT	Standard Penetration Test (ASTM D1586-92).		
UBC	The Uniform Building Code, published by the International Conference of		
	Building Officials (ICBO, 1997), periodically updated.		

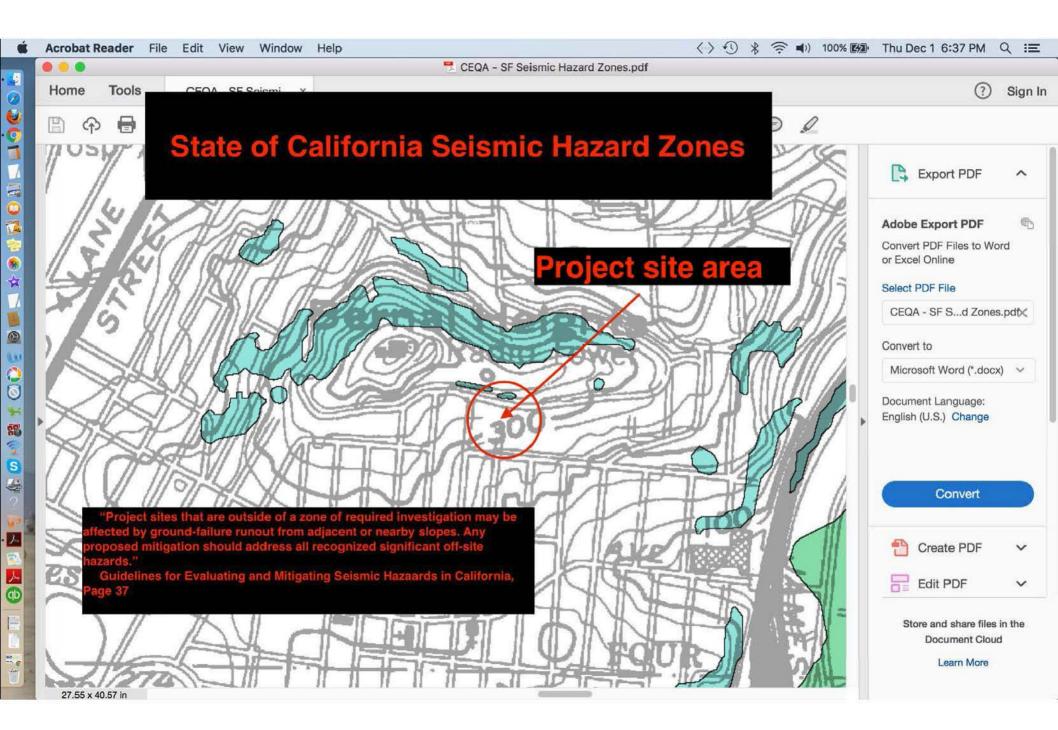
# **APPENDIX D**

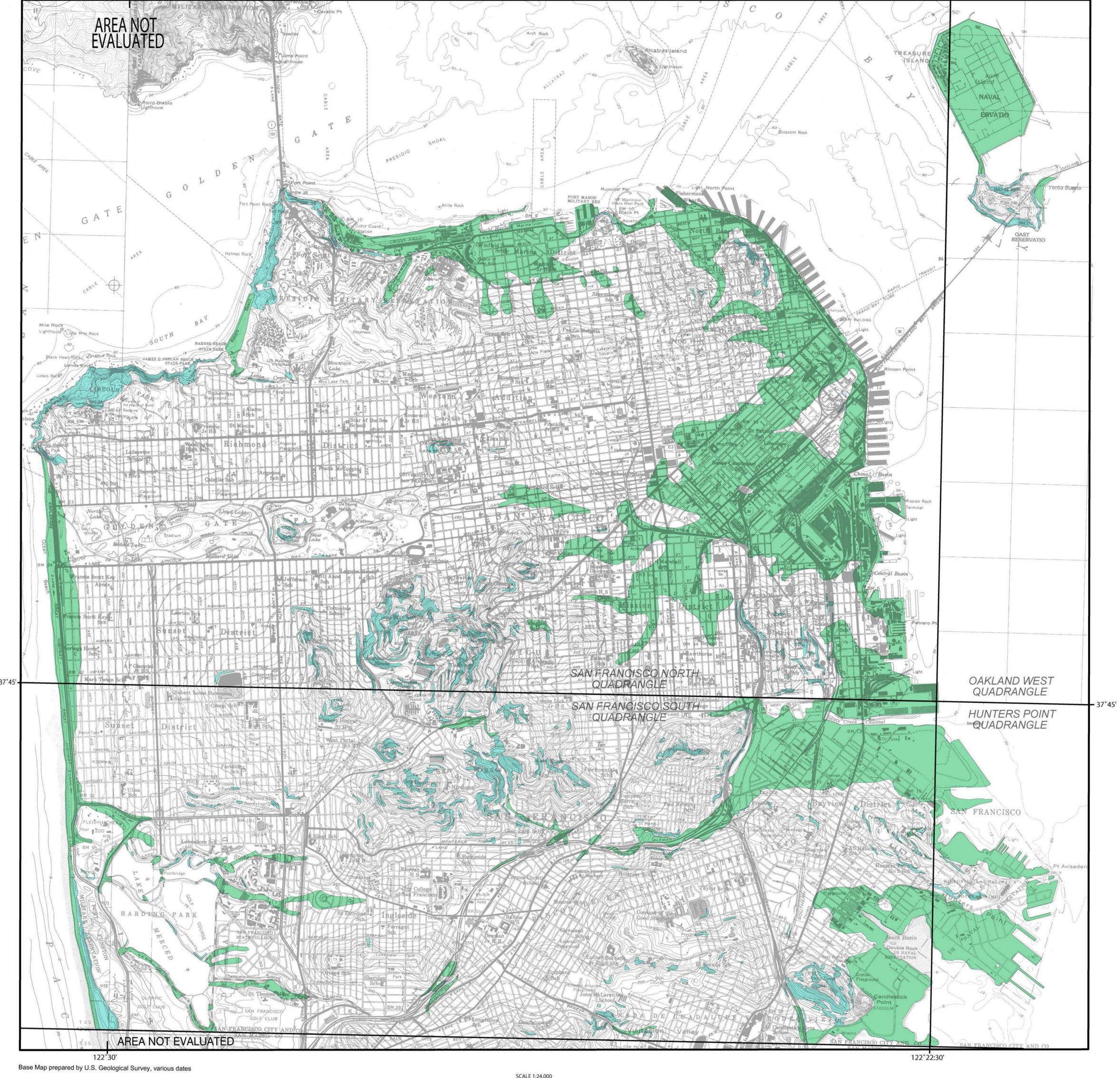
# GEOLOGIC ENVIRONMENTS LIKELY TO PRODUCE EARTHQUAKE-INDUCED LANDSLIDES

Landslide Type	Type of Material	Minimum Slope	Remarks
Rock falls	Rocks weakly cemented, intensely	40°	Particularly common near ridge crests
	fractured, or weathered; contain	1.7:1	and on spurs, ledges, artificially cut
	conspicuous planes of weakness dipping out of slope or contain boulders in a weak		slopes, and slopes undercut by active erosion.
	matrix.		Closion.
Rock slides	Rocks weakly cemented, intensely	35°	Particularly common in hillside flutes
	fractured, or weathered; contain	1.4:1	and channels, on artificially cut slopes,
	conspicuous planes of weakness dipping		and on slopes undercut by active erosion.
	out of slope or contain boulders in a weak		Occasionally reactivate preexisting rock
	matrix.		slide deposits.
Rock	Rocks intensely fractured and exhibiting	25°	Usually restricted to slopes of greater
Avalanches	one of the following properties:	2.1:1	than 500 feet (150 m) relief that have
	significant weathering, planes of		been undercut by erosion. May be
	weakness dipping out of slope, weak		accompanied by a blast of air that can
	cementation, or evidence of previous		knock down trees and structures beyond
D11	landsliding.	15°	the limits of the deposited debris
Rock slumps	Intensely fractured rocks, preexisting rock	3.7:1	
	slump deposits, shale, and other rocks containing layers of weakly cemented or	3.7.1	
	intensely weathered material.		
Rock block	Rocks having conspicuous bedding	15°	
slides	planes or similar planes of weakness	3.7:1	
Silues	dipping out of slopes.	3.7.1	
Soil falls	Granular soils that are slightly cemented	40°	Particularly common on stream-banks,
Son runs	or contain clay binder	1.7:1	terrace faces, coastal bluffs, and
			artificially cut slopes.
Disrupted	Loose, unsaturated sands.	15°	
soil slides		3.7:1	
Soil	Loose, unsaturated sands.	25°	Occasionally reactivate preexisting soil
avalanches		2.1:1	avalanche deposits.
Soil slumps	Loose, partly to completely saturated	10°	Particularly common on embankments
	sand or silt; uncompacted or poorly	11:1	built on soft, saturated foundation
	compacted manmade fill composed of		materials, in hillside cut-and-fill areas,
	sand, silt, or clay, preexisting soil slump		and on river and coastal flood plains.
	deposits.		
Soil block	Loose, partly or completely saturated	5°	Particularly common in areas of
slumps	sand or silt; uncompacted or slightly	11:1	preexisting landslides along river and
	compacted manmade fill composed of		coastal flood plains, and on
	sand or silt, bluffs containing horizontal		embankments built of soft, saturated
	or subhorizontal layers or loose, saturated		foundation materials.
GI 41	sand or silt.	100	
Slow earth	Stiff, partly to completely saturated clay	10°	

Landslide	Type of Material	Minimum	Remarks
Type		Slope	
flows	and preexisting earth-flow deposits.	5.7:1	
Soil lateral	Loose, partly or completely saturated silt	0.3°	Particularly common on river and coastal
spreads	or sand, uncompacted or slightly compacted manmade fill composed of sand.	190:1	flood plains, embankments built on soft, saturated foundation materials, delta margins, sand dunes, sand spits, alluvial fans, lake shores and beaches.
Rapid soil flow	Saturated, uncompacted or slightly compacted manmade fill composed of sand or sandy silt (including hydraulic fill earth dams and tailings dams); loose, saturated granular soils.	2.3° 25:1	Includes debris flows that typically originate in hollows at heads of streams and adjacent hillsides; typically travel at tens of miles per hour or more and may cause damage miles from the source area.
Subaqueous	Loose, saturated granular soils.	0.5°	Particularly common on delta margins.
landslides		110:1	

Modified from Keefer (1984).





**PURPOSE OF MAP** 

This map will assist cities and counties in fulfilling their responsibilities for protecting the public safety from the effects of earthquake-triggered ground failure as required by the Seismic Hazards Mapping Act (Public Resources Code Sections 2690-2699.6). For information regarding the scope and recommended methods to be used in conducting the required site investigations, see DMG Special Publication 117, Guidelines for Evaluating and Mitigating Seismic Hazards in California.

For a general description of the Seismic Hazards Mapping Program, the Seismic Hazards Mapping Act and regulations, and related information, please refer to www.conservation.ca.gov/cgs.

Production of this map was funded by the Federal Emergency Management Agency's Hazard Mitigation Program and the Department of Conservation in cooperation with the Governor's Office of Emergency Services.

**IMPORTANT - PLEASE NOTE** 

1) This map may not show all areas that have the potential for liquefaction, landsliding, strong earthquake ground shaking or other earthquake and geologic hazards. Also, a single earthquake capable of causing liquefaction or triggering landslide failure will not uniformly affect the entire area zoned.

2) Liquefaction zones may also contain areas susceptible to the effects of earthquake-induced landslides. This situation typically exists at or near the toe of existing landslides, downslope from rockfall or debris flow source areas, or adjacent to steep stream banks. 3) This map does not show Alquist-Priolo earthquake fault zones, if any, that may exist in this area. Please refer to the latest official map of earthquake fault zones for disclosures and other actions that are required by the Alquist-Priolo Earthquake Fault Zoning Act. For more information on this subject and an index to available maps, see DMG Special Publication 42.

4) Landslide zones on this map were determined, in part, by adapting methods originally developed by the U.S. Geological Survey (USGS). Landslide hazard maps prepared by the USGS typically use experimental approaches to assess earthquake-induced and other types of landslide hazards. Although aspects of these new methodologies may be incorporated in future CDMG seismic hazard zone maps, USGS maps should not be used as substitutes Official SEISMIC HAZARD ZONES maps.

5) U.S. Geological Survey base map standards provide that 90 percent of cultural features be located within 40 feet (horizontal accuracy) at the scale of this map. The identification and location of liquefaction and earthquake-induced landslide zones are based on available data. However, the quality of data used is varied. The zone boundaries depicted have been drawn as accurately as possible at this scale. Zone boundaries reflect digital topographic data that may differ slightly from the shorelines shown on the base map. 6) Information on this map is not sufficient to serve as a substitute for the geologic and geotechnical site investigations required under Chapters 7.5 and 7.8 of Division 2 of the Public Resources Code.

7) DISCLAIMER: The State of California and the Department of Conservation make no representations or warranties regarding the accuracy of the data from which these maps were derived. Neither the State nor the Department shall be liable under any circumstances for any direct, indirect, special, incidental or consequential damages with respect to any claim by any user or any third party on account of or arising from the use of this map.

SCALE 1:24,000 5 0 1000 0 1000 2000 3000 4000 5000 1 KILOMETER

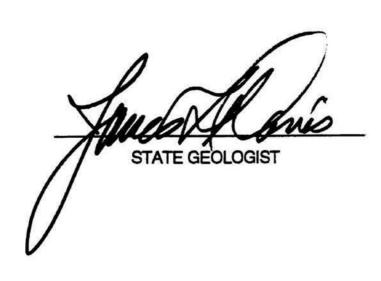
# **STATE OF CALIFORNIA SEISMIC HAZARD ZONES**

Delineated in compliance with Chapter 7.8, Division 2 of the California Public Resources Code (Seismic Hazards Mapping Act)

# **CITY AND COUNTY OF SAN FRANCISCO**

**OFFICIAL MAP** 

Released: November 17, 2000



## MAP EXPLANATION **Zones of Required Investigation:**

Liquefaction

Areas where historic occurrence of liquefaction, or local geological, geotechnical and groundwater conditions indicate a potential for permanent ground displacements such that mitigation as defined in Public Resources Code Section 2693(c) would be required.

Earthquake-Induced Landslides

Areas where previous occurrence of landslide movement, or local topographic, geological, geotechnical and subsurface water conditions indicate a potential for permanent ground displacements such that mitigation as defined in Public Resources Code Section 2693(c) would be required.

DATA AND METHODOLOGY USED TO DEVELOP THIS MAP ARE PRESENTED IN THE FOLLOWING:

Seismic Hazard Evaluation of the City and County of San Francisco, California: California Division of Mines and Geology, Open-File Report 2000-009.

For additional information on seismic hazards in this map area, the rationale used for zoning, and additional references consulted, refer to www.conservation.ca.gov/cgs

Copyright © 2000 by the California Department of Conservation, Division of Mines and Geology. All rights reserved.

#### Carroll, John (BOS)

From: BOS Legislation, (BOS)

Sent: Friday, December 02, 2016 4:51 PM

**To:** ryan@zfplaw.com; Fabien@novadesignsbuilds.com; fabien@bluorange.com; Olson, Charles **Cc:** Givner, Jon (CAT); Stacy, Kate (CAT); Byrne, Marlena (CAT); Rahaim, John (CPC); Sanchez,

Scott (CPC); Gibson, Lisa (CPC); Starr, Aaron (CPC); Rodgers, AnMarie (CPC); Horner, Justin (CPC); Sucre, Richard (CPC); Ionin, Jonas (CPC); Calvillo, Angela (BOS); Somera, Alisa (BOS); Lew, Lisa (BOS); BOS-Supervisors; BOS-Legislative Aides; Smith, Diana; Lee, Carolyn; 'jfogarty@sonic.net'; 'jwallace@jaywallaceassociates.com'; Betzy Lesser; Herb

Felsenfeld; BOS Legislation, (BOS)

Subject: Supplemental Appeal Documents - Appeal of Exemption Determination - Proposed Project at

3516-3526 Folsom Street - Appeal Hearing on December 13, 2016

Categories: 161278

Good afternoon,

Please find linked below appeal responses received by the Office of the Clerk of the Board from the Appellant and Project Sponsor, concerning the Exemption Determination Appeal for the proposed project at 3516-3526 Folsom Street.

Project Sponsor Appeal Response - December 2, 2016

Appellant Supplemental Appeal Letter - December 2, 2016

The appeal hearing for this matter is scheduled for a 3:00 p.m. special order before the Board on December 13, 2016.

I invite you to review the entire matter on our <u>Legislative Research Center</u> by following the link below:

Board of Supervisors File No. 161278

Regards,

John Carroll
Legislative Clerk
Board of Supervisors
San Francisco City Hall, Room 244
San Francisco, CA 94102
(415)554-4445 - Direct | (415)554-5163 - Fax
john.carroll@sfgov.org | bos.legislation@sfgov.org



Click here to complete a Board of Supervisors Customer Service Satisfaction form.

The Legislative Research Center provides 24-hour access to Board of Supervisors legislation and archived matters since August 1998.

Disclosures: Personal information that is provided in communications to the Board of Supervisors is subject to disclosure under the California Public Records Act and the San Francisco Sunshine Ordinance. Personal information provided will not be redacted. Members of the public are not required to provide personal identifying information when they communicate with the Board of Supervisors and its committees. All written or oral communications that members of the public submit to the Clerk's Office regarding pending legislation or hearings will be made available to all members of the public for inspection and copying. The Clerk's Office does not redact any information from these submissions. This means that personal information—including names, phone numbers, addresses and similar information that a member of the public elects to submit to the Board and its committees—may appear on the Board of Supervisors website or in other public documents that members of the public may inspect or copy.

THE TRANSAMERICA PYRAMID
600 MONTGOMERY STREET, 14TH FLOOR SAN FRANCISCO, CALIFORNIA 94111
TEL 415 981 0550 FAX 415 981 4343 WEB lubinolson.com

December 2, 2016

CHARLES R. OLSON Direct Dial: (415) 955-5020 E-mail: colson@lubinolson.com

#### VIA HAND DELIVERY

President London Breed c/o Angela Calvillo, Clerk of the Board San Francisco Board of Supervisors 1 Dr. Carlton B. Goodlett Place City Hall, Room 244 San Francisco, CA 94102

RE: Appeal of CEQA Categorical Exemption Determination

Planning Case No. 2013.1383ENV

Building Permit Application Nos. 2013.12.16.4318 and 2013.12.16.4322

3516-3526 Folsom Street ("Project Site")

Dear President Breed and Honorable Members of the Board of Supervisors:

This firm represents two couples, Fabien Lannoye and Anna Limkin, and James and Patricia Fogarty (collectively, the "Project Sponsors"), who are the owners respectively of two vacant lots zoned for residential use located at 3516 and 3526 Folsom Street, upon which they propose to build two single-family homes and construct the adjacent "paper street" segment of Folsom Street to provide vehicular and pedestrian access to the site (the "Project"). The two lots are located at the Chapman Street terminus of Folsom Street in the Bernal Heights neighborhood. There are four other adjacent vacant lots located on this segment of Folsom Street; the Project Sponsors have no ownership interest in or control over these other lots.

#### I. History of the Project

Seeking to build modest homes for their families, the Project Sponsors purchased the lots in June 2013 after discussing the feasibility of their development with the Planning Department and other City agencies. Satisfied by the responses from the City, the Project Sponsors proceeded to design two residences that comply with the Planning Code, including the Bernal Heights Special Use District provisions, the General Plan, the City's Residential Design Guidelines, and the East Slope Design Review Guidelines. They worked with the Planning Department on the designs and made modifications in response to Planning Department suggestions. They met five times with the East Slope Design Review Board ("ESDRB") and further modified the project designs in response to the ESDRB's suggestions. They attended two Community Board Mediation sessions, and the Project was scrutinized in three Discretionary Review ("DR") hearings before the Planning Commission.

The Project Sponsors also worked with the Department of Public Works ("DPW"), SF Planning "Better Streets" and the Fire Department on an extension of Folsom Street that could serve the two residences and the adjacent vacant lots, if ever developed in the future.

As a PG&E natural gas transmission pipeline runs along the length of Folsom Street on the south slope of Bernal through the proposed Project Site, the Project Sponsors have been working with PG&E and DPW to ensure that the construction and occupation of the two residences will not cause any safety issues for the neighborhood.

Yet despite this thorough and cautious approach to constructing two single family residences, the Planning Department's Section 311 Notice resulted in the filing of nineteen DR applications from neighbors ("DR Requestors"). The Planning Commission first reviewed the DR requests on March 31, 2016, at which time the Commission requested additional information from the Project Sponsors regarding the feasibility of constructing the extension of Folsom Street and continued the hearing until May 5, 2016. Following additional consultation between the Project Sponsors and DPW, the Department of Building Inspection ("DBI"), the Fire Department, the Public Utilities Commission, and PG&E, on May 5, 2016, the Planning Commission unanimously approved the Project by not taking DR and approving the Project as proposed and in accordance with Chapter 31 of the San Francisco Administrative Code. In doing so, the Planning Commission found that there were no extraordinary or exceptional circumstances in the case, no modifications to the Project were necessary, and it encouraged the Project Sponsors to work with the Planning Department staff on refining the design of the north facades of the residences.

#### II. CEQA Challenge

Having failed to stop the Project at the Planning Commission, the DR Requestors then turned their attention to CEQA and challenged the Planning Department's determination that the Project is categorically exempt under CEQA. Specifically, on March 26, 2014, the Environmental Review Officer ("ERO") of the Planning Department issued a Certificate of Determination: Exemption from Environmental Review finding that the Project was categorically exempt from CEQA review under Class 3: New Construction or Conversion of Small Structures (CEQA Guidelines Section 15303(a)) (the "2014 Determination"). In the 2014 Determination, the ERO also concluded that the Project Site was not located in a particularly sensitive or hazardous area and that there were no unusual circumstances involved with the proposed Project that suggested a reasonable possibility that it would cause a significant environmental effect.

Prior to the Board of Supervisor's hearing on the CEQA appeal scheduled for July 19, 2016, the Planning Department determined that the 2014 Determination should be withdrawn and a new Categorical Exemption issued, which it did on July 8, 2016 (the "2016 Determination"). The withdrawal of the 2014 Determination required the Planning Commission to rehear the DR requests, which it did on October 13, 2016, and again the Planning Commission unanimously approved the Project by not taking DR.

The 2016 Determination concluded that the Project qualified for a categorical exemption pursuant to Class 3: New Construction or Conversion of Small Structures (CEQA Guidelines Section 15303). A categorical exemption under Class 3 involves construction and location of a

limited number of new, smaller facilities or structures. Subsection (a) allows the construction of up to three single-family residences in urbanized areas. Subsection (d) allows the construction of water mains, sewage, electrical, gas and other utility extensions, including street improvements, of reasonable length to serve the construction of the small structures. The Planning Department also determined in the 2016 Determination that none of the exceptions to the categorical exemption applies.

Now some of the DR Requestors (the "Appellants") appeal the 2016 Determination based on two arguments: first, that the Project is not eligible for a Class 3 categorical exemption, and second, that one or more exceptions to the categorical exemption exist and preclude reliance on the exemption. Both challenges fail for the reasons stated below.

#### III. Applicability of the Categorical Exemption

The Project qualifies for an exemption from CEQA review under CEQA Guidelines Section 15303(a) and (d) because the Project only involves the construction of two single-family homes, which falls within the criteria of Subsection (a) which specifically exempts up to three single-family homes in urbanized areas, and Subsection (d) which specifically exempts utility extensions and street improvements to service such construction. Appellants' contend without legal support or substantial evidence that the Project does not qualify for a Class 3 categorical exemption because it should include four additional residences that could be developed on the Folsom Street extension (and therefore exceeds the three residence threshold), and because the Folsom Street extension is not the type of "street improvement" contemplated by subsection (d). Appellants are wrong on both accounts. The Project only involves the construction of two single-family residences on two small lots owned by the Project Sponsors that are zoned for residential use. The Project Sponsors have no ownership or control of the four adjacent lots. In San Francisco, a project is not considered reasonably foreseeable for cumulative impact analysis under CEQA until an application has been filed for environmental review. See San Franciscans for Reasonable Growth v. City & Cty. Of San Francisco (1989), 209 Cal. App. 3d 1502, 1526-27. In this case, no applications for development of the other four lots have been filed with the City. There is no question that the Folsom Street extension is a "street improvement" allowed by subsection (d).

Appellants' "piecemealing" argument rings hollow. If the Project Sponsors owned all six underdeveloped lots on the Folsom Street extension and brought forth development applications for two or three lots at a time, that would be piecemealing, but the Project Sponsors do not own or control the other four lots.

Similarly, Appellants' repeated references to the "revised project" find no support in the record. In fact, the footprints of the two residences, the front and rear setbacks, and the proposed driveway locations have remained the same throughout the lengthy project review process. The two residences always covered the width of their lots. The width of the street has been increased by four feet to improve circulation. Design changes implemented by the Project Sponsors have been limited to above-ground refinements to the Project massing and design in response to comments from the Planning Department, the ESDRB and neighbors. And although not required to do so, the Project Sponsors have submitted updated Geotechnical Reports to the Planning Department, in which the geotechnical consultant has confirmed his earlier conclusions about the viability and safety of the construction of the Project's construction.

#### IV. Exceptions to the Categorical Exemption

While categorical exemptions are subject to certain exceptions under CEQA, the Appellants either distort or ignore the plain language of the CEQA Guidelines and the case law interpreting them or rely on speculation and incorrect facts in an attempt to demonstrate that the exceptions apply. The Appellants have a clear burden under CEQA to demonstrate by substantial evidence that the exceptions apply and that the Project will result in significant environmental impacts. They have failed to do so. Under CEQA, "Argument, speculation, unsubstantiated opinion or narrative, evidence which is clearly erroneous or inaccurate, or evidence of social or economic impacts which do not contribute to or are not caused by physical impacts on the environment does not constitute substantial evidence." CEQA Guidelines Section 15384(a) (defining "substantial evidence").

When a lead agency finds that a proposed project is subject to a categorical exemption, it is not required to also determine that none of the exceptions applies. A determination that an activity is categorically exempt constitutes an implied finding that none of the exceptions to the exemptions exists. San Francisco Beautiful v. City and County of San Francisco (2014) 226 Cal.App.4th 1012, 1022. The burden then shifts to the objecting party to produce evidence that one of the exceptions applies. Berkeley Hillside Preservation v. City of Berkeley (2015) 60 Cal.4th 1086, 1105. Although not legally required to do so, in this case, the City's ERO went further and discussed the inapplicability of any of the exceptions in the 2016 Determination.

Appellants argue without any substantial evidence and without any legal authority, that three exceptions apply and preclude reliance on a Class 3 categorical exemption: sensitive environment; cumulative impacts, and unusual circumstances. Each argument fails for the reasons discussed in detail below.

#### A. The Project Site Is Not a Particularly Sensitive Environment Under CEQA.

Appellants argue that the Project will cause a significant environmental impact because the Project Site is a particularly sensitive environment resulting from the presence of a PG&E natural gas pipeline adjacent to Folsom Street, steep terrain, and the proximity of the Bernal Heights Community Garden. Not surprisingly, Appellants cite only the language from CEQA Guidelines section 15300.2(a) that favors their argument and ignore the remaining language in the Guideline that demonstrates why it does not apply. The omitted language clarifies that this exception applies only where a "project may impact on an environmental resource of hazardous or critical concern where designated, precisely mapped, and officially adopted pursuant to law by federal, state or local agencies." CEQA Guidelines Section 15300.2(a) (emphasis added). While the Project Site is mapped in an area subject to the Slope Protection Act as discussed in the 2016 Determination, the enacting ordinance created procedures for additional review of slope stability by DBI and established a Structural Advisory Committee for review of permit applications within the area. As noted by the Planning Department in the 2016 Determination, the existing regulatory program and requirements are sufficient to ensure that the Project would not result in a significant impact to slope stability. The Project Site contains no other environmental resource of hazardous or critical concern that has been designated or precisely mapped. None of the justifications for a "sensitive environment" cited by Appellants qualifies for this exception under CEQA. The PG&E natural gas pipeline, steep terrain, and the proximity of the Bernal Heights Community Garden are not environmental resources of hazardous or

46130002/579488v9

critical concern that have been designated, precisely mapped and officially adopted pursuant to law, as requested by Guidelines Section 15300.2(a).

#### B. The Cumulative Impacts Exception Does Not Apply.

Next, the Appellants argue that the cumulative impacts exception applies because the Project actually will result in the construction of six residences, but they have provided no evidence that six residences would actually be constructed or that, even if they were, any significant environmental impacts would occur or are reasonably foreseeable. The Project involves the construction of two single-family homes on two small lots zoned for residential use. As discussed above, there are four other vacant lots zoned for residential use on the portion of Folsom Street that would be extended in connection with the Project. The Project Sponsors have no ownership or control of these other lots. The rule in San Francisco has long been that a project is not considered reasonably foreseeable for cumulative impact analysis under CEQA until an application has been filed for environmental review. San Franciscans for Reasonable Growth, 209 Cal.App.3d at 1526-27. In this case, no applications for environmental review other than for the Project have been filed with the City.

Even if other applications had been filed, Appellants have provided no substantial evidence that significant cumulative impacts would occur. See <u>Hines v. California Coastal Commission</u> (2010) 186 Cal.App.4th 830, 857 (speculation that significant cumulative impacts will occur simply because other projects may be approved in the same area is insufficient to trigger this exception).

The 2016 Determination evaluated the cumulative effects of shadow and transportation for the Project in addition to potential development on the four adjacent lots and concluded that the Project would not result in a considerable contribution to any cumulative environmental impacts. First, the Project will not result in a considerable contribution to any cumulative shadow impact that could result from the development of the adjacent lots. Even if those lots were to be developed, they would be required to undergo environmental review in accordance with CEQA and would require a shadow analysis. Second, the Project would generate an estimated nine daily vehicle trips. If the adjacent lots were to be developed, an additional 18 daily vehicle trips would result. The combined daily vehicle trips from the Project in combination with the adjacent lots would not result in a substantial number of trips that could adversely affect the local transportation system. Finally, the 2016 Determination notes that any subsequent development would be required to comply with the same regulations as the Project.

It is ironic that Appellants cite as evidence of cumulative impacts that the Project Sponsors might install utilities for six lots when the Project Sponsors offered to do so only to address the concerns of Appellants and other neighbors. During the course of five neighborhood design review meetings and two Community Board mediation sessions, numerous neighbors expressed concerns that their lives could be disrupted in the future when the Folsom Street extension would need to be dug up to install utilities if and when other property owners sought to build residences on the other four vacant lots. To address this concern, the Project Sponsors offered to stub in utilities for the other four lots.

#### C. The Unusual Circumstances Exception Does Not Apply.

Finally, the Appellants contend that unusual circumstances preclude the reliance on a categorical exemption, again pointing to the presence of the PG&E natural gas pipeline, the steep

terrain and proposed steep street extension, and the proximity of the Bernal Heights Community Garden. In a letter attached as an exhibit to Appellants' earlier appeal, the Sierra Club cites to the risk of strong seismic shaking in the event of an earthquake as evidence of unusual circumstances.

CEQA Guidelines Section 15300.2(c) provides that "a categorical exemption shall not be used for an activity where there is a reasonable possibility that the activity will have a significant effect on the environment due to unusual circumstances." The California Supreme Court recently addressed this exception in the <u>Berkeley Hillside</u> case, and the Court held that the exception only applies when both unusual circumstances and a significant impact as a result of those unusual circumstances are shown. <u>Berkeley Hillside</u>, 60 Cal.4th at 1104. In doing so, the Court concluded that a potentially significant environmental effect is not itself sufficient to constitute unusual circumstances, but the significant impact on the environment must be due to unusual circumstances. Berkeley Hillside, 60 Cal.4th at 1105.

The Court also held that an agency's determination as to whether or not an impact is due to unusual circumstances is governed by the more deferential "substantial evidence" test, meaning an agency's factual determination on the issue of unusual circumstances will be upheld if there is any credible evidence supporting it, even in the face of conflicting evidence. Berkeley Hillside, 60 Cal.4th at 1112, 1115. Without unusual circumstances, the exemption will stand and no additional CEQA analysis is required. If substantial evidence supports a finding of no unusual circumstances, the exemption should stand even if an impact is possible.

#### i. The Presence of a PG&E Pipeline Is Not an Unusual Circumstance

Appellants allege, without providing any substantial evidence, that the presence of PG&E Transmission Pipeline #109 at the Project Site creates unusual circumstances because it creates a "hazardous area" and "a significant threat to public safety." But this pipeline, which runs from the 280 Freeway to Bernal Heights Boulevard and then throughout several residential neighborhoods in the City's southeastern areas, as well as other pipelines, are common in the City and do not create an unusual circumstance. The issue is thoroughly discussed in the 2016 Determination which constitutes substantial evidence to support the Planning Department's conclusions. There are hundreds of thousands of homes and structures in San Francisco that are located in close proximity to PG&E pipelines, and PG&E has strict protocols for construction activities within ten feet of any of its pipelines. This is demonstrated by evidence in the administrative record, including materials known to but ignored by Appellants, such as PG&E's Q&A's, which are attached hereto as **Exhibit A**.

Not only is the presence of the transmission line not unusual in San Francisco, Appellants have not provided any substantial evidence that the Project would cause a significant environmental impact because of the pipeline. Appellants' repeated speculation that the construction of the Project will result in an explosion that will destroy the neighborhood is simply that—speculation. For example, Appellants' reference to a 1989 statement from an unidentified person at DPW, references to the San Bruno explosion, and the assertion that the pipeline operates at reduced pressure due to concerns about its age and integrity are all unsupported by facts and do not constitute substantial evidence.

Appellants' reliance on statements made by Professor Bea also do not constitute substantial evidence that the pipeline creates an unusual circumstance that would cause a significant environmental impact for several reasons. First, he is obviously responding to a set of

questions or information provided by one of the Project opponents, but those questions and information are not contained in the record. Nonetheless, his conclusion that Pipeline #109 poses identical risks as the San Bruno pipeline is contradicted by substantial evidence in the record which Appellants ignore. In fact, Pipeline #109 was constructed in 1981 (not installed in 1956 like the San Bruno pipeline), has been regularly inspected by PG&E, is four inches smaller in diameter and operates at a much lower pressure specifically to reduce risk. See Exhibit A. It is interesting to note that Professor Bea's safety chart, submitted to the Planning Commission by the DR Requestor, Herb Felsenfeld, as Attachment E-6 in his application, begins to assess risk of pipeline catastrophe with a pipeline pressure of 500 pounds per square inch, which is shown on the attached **Exhibit B**. Indeed, in support of the safety chart, Professor Bea states in his email,

I have attached a graph that helps me explain the important concepts associated with determining if a system is safe or unsafe. The vertical scale is the likelihood of a failure. The horizontal scale is the consequences associated with a failure. The diagonal lines separate the graph into two quadrants: safe and not safe. If the potential consequences associated with a failure are low, then the likelihood of the failure can be high. If the potential consequences are very high, then the probability of failure must be very low.

However, Pipeline #109 falls within Professor Bea's "Safe" quadrant, as it operates at 150 pounds per square inch, which is less than 20% of its specified minimum yield strength.

Similarly, Appellants' argument that the Project site is the only High Consequence Area in San Francisco where a PG&E transmission pipeline is unprotected by asphalt and therefore constitutes unusual circumstances is unconvincing. First, all of the City lies within a High Consequence Area. Second, the fact that Pipeline #109 is uncovered for 125 feet at the Project site is hardly dispositive of unusual circumstances. Obviously, when Pipeline #109 was first installed in multiple San Francisco neighborhoods in 1981 and since then, City streets and asphalt were installed over the pipeline and City streets have been repaired above the pipeline. The work at the Project site will be no different than other work that has occurred over miles of Pipeline #109 over the years without incident. Appellants are unable to establish that the location of Pipeline #109 in proximity to the Project Site is an unusual circumstance and that a significant environmental effect may result from the implementation of the Project.

#### ii. Traffic Is Not an Unusual Circumstance

Appellants argue without any evidence that the existing homes' driveways and parking will be functionally eliminated and that the proposed new residences will lack functional parking due to the proposed street's nonconformities. DPW and the Project's civil engineer will ensure that this is not the case. The Project Sponsors have offered to work with the two existing neighbors to ensure that the final design of the Folsom Street extension preserves access to their garages and have offered to improve the existing driveways while paying all costs for design, permitting and construction.

Appellants' contention that the Project will cause a substantial impact on community parking and traffic is pure speculation. The Project includes no on street parking on the proposed Folsom Street extension at the request of the City. The suggestion that the two new residences will not have any off-street parking is simply untrue. Each residence will have a two-car garage that will be fully functional. Access to existing driveways and the Project's driveways will be further ensured with the City's Street Design Advocacy Team's recent approval of a 20' street width and a two-foot increase in curb cut lengths to 12 feet. The fact that

46130002/579488v9

the Folsom Street extension will be steep and will not contain on-street parking does not mean that delivery trucks cannot access the new residences or existing residences. There is no evidence whatsoever that the Project will have an undue effect on Bernal Heights Park's limited public parking or on access for those who need a wheel-chair enabled parking spot. In any event, parking shortages are not deemed to be CEQA impacts in San Francisco.

# V. Other Issues Raised by Appellants Fail for Lack of Substantial Evidence Or Are Outside the Scope of CEQA and this Appeal.

Appellants have presented no evidence that drainage will be significantly affected by the introduction of the proposed street extension or the Project itself. Rather, installation of new storm water collection systems, including permeable planters along the Folsom Street extension, will improve drainage in the vicinity.

Appellants have presented no evidence that garbage, recycling and compost pick up will create a significant public health hazard. The Project Site is no different from many other sites in San Francisco that are adequately serviced by waste management companies.

Nor is there any evidence to support Appellants' argument that the Project will cast a shadow on the Bernal Heights Community Garden, block light to adjacent properties or create a wall blocking significant public views from Bernal Heights Boulevard. Rather, the evidence that has been submitted is to the contrary: shadow studies submitted to the Planning Department demonstrate that the Project will cast minimal shadows on the Bernal Heights Community Garden, but that shadow would be limited to only certain periods in the winter and summer, and the new shadow would only fall on a portion of the southwestern corner of the Bernal Heights Community Garden in the evening after 5:30pm. Similarly, photomontages showing the effect of the Project on views from the Bernal Heights Community Garden and from Bernal Heights Boulevard demonstrate the Project's de minimus impact on views. Appellants' photo montages are taken from farther down the hill to distort the effect of the new residences on views.

Several issues raised by the Appellants are not germane to CEQA and are irrelevant to the 2016 Determination. These include the steepness of the proposed extension of Folsom Street, the speculation that the proposed street will not be "accepted" by the City but rather will require maintenance by existing fronting homeowners, and compliance with the East Slope Design Guidelines. As to the first issue, the Project Sponsors have consulted with the San Francisco Fire Department to ensure the Project meets the requirements of the San Francisco Fire Code. San Francisco Fire Code 503.1.1 provides that a Fire Official may offer an exception for steep streets if they are shorter than 150 feet, which the proposed street would be, and if the residential units along the street are equipped with approved automatic sprinkler systems. The Project will not pose any hazards to public safety because the Project is within 150 feet of approved fire access roads and will include fire suppression systems in accordance with the San Francisco Fire Code. As to the second issue, whether the City will accept the street as a public street, CEQA does not address economic and social issues. Finally, the Planning Department found that the Project was consistent with the East Slope Design Review Guidelines, and in any event, the allegation does not raise aesthetic or land use issues under CEQA.

In addition, the local chapter of the Sierra Club, in a letter attached to Appellants' earlier letter of appeal, also alleges that reliance on a categorical exemption is inappropriate because the Project Site would be subject to strong ground shaking during a seismic event and that the Project involves mitigation which cannot be used to avoid a significant impact when relying on a

categorical exemption. But of course, the entire Bay Area and much of California is subject to strong ground shaking during a seismic event, and there is nothing unusual about the Project Site compared to the rest of earthquake country. DBI's enforcement of the Building Code, which includes provisions to minimize seismic risk, does not constitute an impermissible mitigation measure.

\* \* \* \* \*

The California Supreme Court has held repeatedly that "rules regulating the protection of the environment must not be subverted into an instrument for the oppression and delay of social, economic, or recreational development and advancement." <u>Citizens of Goleta Valley v. Board of Supervisors</u> (1990) 52 Cal.3d 553, 576. As Appellants have utterly failed to meet their legal burden to provide substantial evidence demonstrating that an exception exists or that the Project would cause a significant environment impact, thereby precluding the Planning Department's 2016 Determination that the Project qualifies for a categorical exemption, the Project Sponsors respectfully request that the Board reject this appeal and uphold the Planning Department's 2016 Determination. Three and one-half years after the Project Sponsors purchased these two lots and 39 months after they filed for environmental review, it is past time to allow the Project Sponsors to construct these two single-family homes.

Sincerely,

Charles R. Olson

Charles & Olsom

CRO

cc:

Fabien Lannoye and Anna Limkin James Fogarty and Patricia Fogarty

Enclosures

#### **EXHIBIT A**

[PG&E's Qs&As]

O&A's from PG&E:

Background: Lot 13 and Lot 14, Block 5626; 3516 Folsom St.; 3526 Folsom St. Concerned neighbors require explicit information about Pipeline 109. Thus we are sending the following request for information to the developer and to you as a representative of PG&E. As the owner of the above listed lots, in the vicinity of Pipeline #109 in Bernal Heights, we, concerned neighbors, are asking you to provide the following information:

QUESTION(S) 1: Where exactly is pipeline 109?; identify the longitude and latitude coordinates.

RESPONSE(S) 1: Please see attachment "L109\_Folsom\_Street.pdf" for the location of Line 109 near 3516 and 3526 Folsom Street, San Francisco. PG&E does not provide latitude and longitude of natural gas pipelines to outside parties (other than its regulators) for security reasons. To have PG&E identify the location of the gas lines in your street, please call USA, the Underground Service Alert, at 811.

QUESTION(S) 2: How deeply is #109 buried?

RESPONSE(S) 2: Gas transmission pipelines are typically installed with 36 to 48 inches of cover. However, the depth may vary as cover over the lines may increase or decrease over time due to land leveling and construction. Without digging and exposing the line, it is not possible to determine the exact depth.

QUESTION(S) 3: What is Pipeline #109 composed of?

RESPONSE(S) 3: Line 109 is a steel pipeline. In your neighborhood, this pipeline has a maximum allowable operating pressure (MAOP) of 150 pounds per square inch gage (psig), which is 19.8% of the pipe's specified minimum yield strength (SMYS). This provides a considerable margin of safety, since it would take a pressure of at least 750 psig to cause the steel in the pipe to begin to deform.

QUESTION(S) 4: How old is Pipeline #109?

RESPONSE(S) 4: Line 109 in this area was installed in 1981 and was strength tested at the time of installation.

QUESTION(S) 5: How big in diameter is Pipeline #109? What is the composition of the pipeline?

RESPONSE(S) 5: Line 109 in your vicinity is a 26-inch diameter steel pipeline.

QUESTION(S) 6: How/with what are the pipe seams welded?

RESPONSE(S) 6: Line 109 near 3516 and 3526 Folsom Street is constructed of API 5L-Grade B steel pipe, and has a double submerged arc weld along the longitudinal seam.

QUESTION(S) 7: How much gas runs through Pipeline #109?

RESPONSE(S) 7: Line 109 has a variable flow rate that is dependent on system operations and San Francisco area gas customer consumption. As points of reference, however, Line 109 observed flow rates of 1.55 - 2.375 million standard cubic feet per hour (MMSCFH) through the flow meter at Sullivan Avenue in Daly City on May 27, 2014.

QUESTION(S) 8: When were the last 3 inspections? Would you produce the documentation for these inspections.

RESPONSE(S) 8: PG&E has a comprehensive inspection and monitoring program to ensure the safety of its natural gas transmission pipeline system. PG&E regularly conducts patrols, leak surveys, and cathodic protection (corrosion protection) system inspections for its natural gas pipelines. Any issues identified as a threat to public safety are addressed immediately. PG&E also performs integrity assessments of certain gas transmission pipelines in urban and suburban areas.

Patrols: PG&E patrols its gas transmission pipelines at least quarterly to look for indications of missing pipeline markers, construction activity and other factors that may threaten the pipeline. Line 109 through the neighborhood was last patrolled in May 2014 and everything was found to be normal.

Leak Surveys: PG&E conducts leak surveys at least annually of its natural gas transmission pipelines. Leak surveys are generally conducted by a leak surveyor walking above the pipeline with leak detection instruments. Line 109 was last leak surveyed in April 2014 and no leaks were found.

Cathodic Protection System Inspections: PG&E utilizes an active cathodic protection (CP) system on its gas transmission and steel distribution pipelines to protect them against corrosion. PG&E inspects its CP systems every two months to ensure they are operating correctly. The CP systems on Line 109 in your area were last inspected in May 2014 and were found to be operating correctly.

Integrity Assessments: There are three federally-approved methods to complete a transmission pipeline integrity management baseline assessment: In-Line Inspections (ILI), External Corrosion Direct Assessment (ECDA) and Pressure Testing. An In-Line Inspection involves a tool (commonly known as a "pig") being inserted into the pipeline to identify any areas of concern such as potential metal loss (corrosion) or geometric abnormalities (dents) in the pipeline. An ECDA involves an indirect, above-ground electrical survey to detect coating defects and the level of cathodic protection. Excavations are performed to do a direct examination of the pipe in areas of concern as required by federal regulations. Pressure testing is a strength test normally conducted using water, which is also referred to as a hydrostatic test.

PG&E performed an ECDA on Line 109 in this area in 2009 and no issues were found. PG&E plans to perform the next ECDA on L-109 in this area in 2015. PG&E also performed an ICDA (Internal Corrosion Direct Assessment) on L-109 near 3516 and 3526 Folsom Street in 2012, and no issues were found.

Unfortunately, PG&E cannot provide the documentation from these inspections because they contain confidential information that PG&E only provides to its regulators.

QUESTION(S) 9: Is this pipeline equivalent in type to the exploded pipeline in San Bruno? RESPONSE(S) 9: Line 109 near 3516 and 3526 Folsom Street is not equivalent to the pipe in San Bruno that failed. The pipeline in San Bruno that failed was PG&E natural gas transmission pipeline L-132, which had a diameter of 30 inches, was installed in 1956, and had an MAOP of 400 psig. As described in the responses above, L-109 in your area is a 26-inch diameter pipeline, was installed in 1981, and operates at an MAOP of 150 psig.

Thanks,

Austin

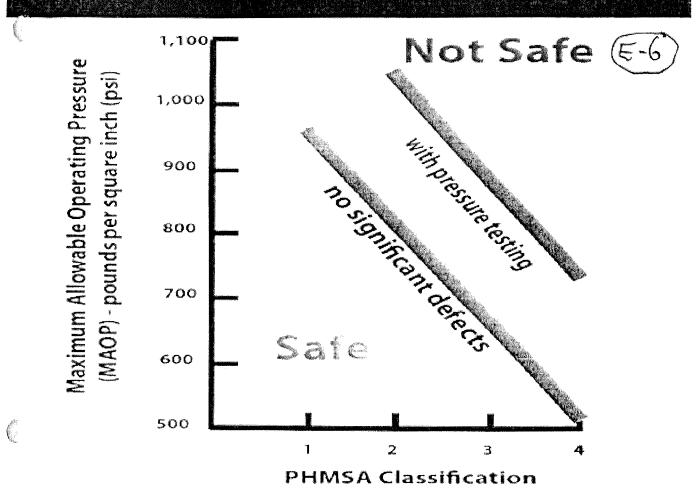
**Austin Sharp** I Expert Customer Impact Specialist Pacific Gas and Electric Company

Phone: 650.598.7321 Cell: 650.730.4168 Email: awsd@pge.com

#### EXHIBIT B

[Exhibit from Professor Bea's Email dated May 5, 2014, which was included as Attachment E-6 in a DR Requestor's Application]

# Pipeline Integrity Management



### **EXHIBIT C**

[Street Design Advisory Team Review re: Case No. 2013.1383E]



## SAN FRANCISCO

#### PLANNING DEPARTMENT

MEMO

1650 Mission St.

CA 94103-2479

415.558.6378

415.558.6409

415.558.6377

Planning Information:

Suite 400 San Francisco,

Reception:

DATE:

6/30/2016

TO:

Justin Horner (Environmental Planning); Don Lewis (Environmental

Planning): Richard Sucre (Current Planning)

CC:

SF Public Works: Simon Bertrang; Chris Buck; Brent Cohen; Lynn Fong;

Kevin Jensen; Suzanne Levine; Kathy Liu; Kelli Rudnick; Rahul Shah;

SFMTA: Damon Curtis; Becca Homa; Charles Rivasplata; Mike

Sallaberry; James Shahamiri; Dustin White; Greg Rissen;

SF Planning: Ben Caldwell; Tina Chang; Paul Chasan; Neil Hrushowy;

Matthew Priest; Maia Small; Lana Russell; David Winslow;

SFPUC: Jessica Arm; Josh Bardet; Joan Ryan; Sam Young;

FROM:

The Street Design Advisory Team (SDAT)

RE:

SDAT Review

Case NO. 2013.1383E

Address: 3500 Folsom Street Neighborhood: Bernal Heights

Zoning: RH-1 (Residential House One Family)

Area Plan: None

Block/Lot: 5626/013 & 5626/014

The Street Design Advisory Team (SDAT) provides design review and guidance to private developments working within the City's public right-of-way. SDAT is composed of representatives from the San Francisco Planning Department (SF Planning) Department of Public Works (SF Public Works), and the San Francisco Municipal Transportation Agency (SFMTA).

The 3500 Folsom Street project came to SDAT on February 28, 2014. The project returned to SDAT on June 20, 2016. Below are the SDAT comments from the 2<sup>nd</sup> SDAT meeting.

The proposed project would construct two single-family homes on unimproved lots in Bernal Heights. The project includes the establishment of a paved road on a current "paper street" extension of Folsom Street. The project would include a new publicly accessible stair path that would connect to Bernal Heights Boulevard/Bernal Hill (along the west side of the Community Garden.

#### SDAT COMMENTS

- 1. SDAT supports the revised design. SDAT applauds the project team for addressing and incorporating our comments into the design.
- 2. Curb Cuts. SDAT recommends that the proposed project's curb cuts be between 10' to 12' wide.

Memo

#### **BOARD of SUPERVISORS**



City Hall
1 Dr. Carlton B. Goodlett Place, Room 244
San Francisco 94102-4689
Tel. No. 554-5184
Fax No. 554-5163
TDD/TTY No. 554-5227

#### NOTICE OF PUBLIC HEARING

#### BOARD OF SUPERVISORS OF THE CITY AND COUNTY OF SAN FRANCISCO

NOTICE IS HEREBY GIVEN THAT the Board of Supervisors of the City and County of San Francisco will hold a public hearing to consider the following appeal and said public hearing will be held as follows, at which time all interested parties may attend and be heard:

Date:

Tuesday, December 43, 2016 CONTINUED to JANUARY 24, 2017

Time:

3:00 p.m.

Location:

Legislative Chamber, City Hall, Room 250

1 Dr. Carlton B. Goodlett, Place, San Francisco, CA

Subject:

File No. 161278. Hearing of persons interested in or objecting to the determination of exemption from environmental review under the California Environmental Quality Act issued as a Categorical Exemption by the Planning Department on July 8, 2016, approved on October 13, 2016, for a proposed project located at 3516-3526 Folsom Street, to allow the construction of two 3,000-square-foot single-family residences on two vacant lots. (District 9) (Appellant: Ryan J. Patterson, on behalf of the Bernal Heights South Slope Organization, Bernal Safe & Livable, Neighbors Against the Upper Folsom Street Extension, Gail Newman, and Marilyn Waterman)

(Filed November 14, 2016).

In accordance with Administrative Code, Section 67.7-1, persons who are unable to attend the hearing on this matter may submit written comments prior to the time the hearing begins. These comments will be made as part of the official public record in this matter and shall be brought to the attention of the Board of Supervisors. Written comments should be addressed to Angela Calvillo, Clerk of the Board, City Hall, 1 Dr. Carlton B. Goodlett Place, Room 244, San Francisco, CA, 94102. Information relating to this matter is available in the Office of the Clerk of the Board and agenda information relating to this matter will be available for public review on Friday, December 9, 2016.

Angela Calvillo Clerk of the Board

#### Jalipa, Brent (BOS)

From:

BOS Legislation, (BOS)

Sent:

Tuesday, November 29, 2016 9:56 AM

To:

BOS Legislation, (BOS); ryan@zfplaw.com; Fabien@novadesignsbuilds.com;

fabien@bluorange.com; Olson, Charles

Cc:

Givner, Jon (CAT); Stacy, Kate (CAT); Byrne, Marlena (CAT); Rahaim, John (CPC); Sanchez, Scott (CPC); Gibson, Lisa (CPC); Starr, Aaron (CPC); Rodgers, AnMarie (CPC); Horner, Justin (CPC); Sucre, Richard (CPC); Ionin, Jonas (CPC); Calvillo, Angela (BOS); Somera,

Alisa (BOS); Lew, Lisa (BOS)

Subject:

HEARING NOTICE: Appeal of Determination of Exemption - Proposed 3516-3526 Folsom

Street - Appeal Hearing on December 13, 2016

Categories:

161278

#### Good morning,

The Office of the Clerk of the Board has scheduled a hearing for Special Order before the Board of Supervisors on **December 13, 2016, at 3:00 p.m.**, to hear an appeal regarding the Determination of Exemption of the proposed project at 3516-3526 Folsom Street.

#### Please find the following link to the hearing notice for the matter.

December 13, 2016 - Board of Supervisors - 3516-3526 Folsom Street Appeal

I invite you to review the entire matter on our Legislative Research Center by following the link below:

Board of Supervisors File No. 161278

Thank you,

#### **Brent Jalipa**

Board of Supervisors - Clerk's Office 1 Dr. Carlton B. Goodlett Place, Room 244 San Francisco, CA 94102 (415) 554-7712 | Fax: (415) 554-5163 brent.jalipa@sfgov.org | www.sfbos.org



Click here to complete a Board of Supervisors Customer Service Satisfaction form

Disclosures: Personal information that is provided in communications to the Board of Supervisors is subject to disclosure under the California Public Records Act and the San Francisco Sunshine Ordinance. Personal information provided will not be redacted. Members of the public are not required to provide personal identifying information when they communicate with the Board of Supervisors and its committees. All written or oral communications that members of the public submit to the Clerk's Office regarding pending legislation or hearings will be made available to all members of the public for inspection and copying. The Clerk's Office does not redact any information from these submissions. This means that personal information—including names, phone numbers, addresses and similar information that a member of the public elects to submit to the Board and its committees—may appear on the Board of Supervisors' website or in other public documents that members of the public may inspect or copy.

#### **BOARD of SUPERVISORS**



City Hall
1 Dr. Carlton B. Goodlett Place, Room 244
San Francisco 94102-4689
Tel. No. 554-5184
Fax No. 554-5163
TDD/TTY No. 554-5227

#### NOTICE OF PUBLIC HEARING

#### BOARD OF SUPERVISORS OF THE CITY AND COUNTY OF SAN FRANCISCO

NOTICE IS HEREBY GIVEN THAT the Board of Supervisors of the City and County of San Francisco will hold a public hearing to consider the following appeal and said public hearing will be held as follows, at which time all interested parties may attend and be heard:

Date:

Tuesday, December 13, 2016

Time:

3:00 p.m.

Location:

Legislative Chamber, City Hall, Room 250

1 Dr. Carlton B. Goodlett, Place, San Francisco, CA

Subject:

File No. 161278. Hearing of persons interested in or objecting to the determination of exemption from environmental review under the California Environmental Quality Act issued as a Categorical Exemption by the Planning Department on July 8, 2016, approved on October 13, 2016, for a proposed project located at 3516-3526 Folsom Street, to allow the construction of two 3,000-square-foot single-family residences on two vacant lots. (District 9) (Appellant: Ryan J. Patterson, on behalf of the Bernal Heights South Slope Organization, Bernal Safe & Livable, Neighbors Against the Upper Folsom Street Extension, Gail Newman, and Marilyn Waterman)

(Filed November 14, 2016).

In accordance with Administrative Code, Section 67.7-1, persons who are unable to attend the hearing on this matter may submit written comments prior to the time the hearing begins. These comments will be made as part of the official public record in this matter and shall be brought to the attention of the Board of Supervisors. Written comments should be addressed to Angela Calvillo, Clerk of the Board, City Hall, 1 Dr. Carlton B. Goodlett Place, Room 244, San Francisco, CA, 94102. Information relating to this matter is available in the Office of the Clerk of the Board and agenda information relating to this matter will be available for public review on Friday, December 9, 2016.

Angela Calvillo Clerk of the Board

DATED/MAILED/POSTED: November 29, 2016 3846

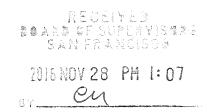
#### **BOARD of SUPERVISORS**



City Hall
1 Dr. Carlton B. Goodlett Place, Room 244
San Francisco 94102-4689
Tel. No. 554-5184
Fax No. 554-5163
TDD/TTY No. 544-5227

#### **PROOF OF MAILING**

Legislative File No.	161278
Description of Items: Categorical Exemption A	Public Hearing Notices - 3516-3526 Folsom Street - CEQA Appeal
I, Brent Jalipa , an employee of the City and County of San Francisco, mailed the above described document(s) by depositing the sealed items with the United States Postal Service (USPS) with the postage fully prepaid as follows:	
Date:	November 29, 2016
Time:	9:25 a.m.
USPS Location:	Repro Pick-up Box in the Clerk of the Board's Office (Rm 244)
Mailbox/Mailslot Pick-Up	Times (if applicable): N/A
Signature:	ffing a. John T



Nov. 25, 2016

Brent Jalipa Jon Carroll Legislative Clerks Board of Supervisors - Clerk's Office 1 Dr. Carlton B. Goodlett Place, Room 244 San Francisco, CA 94102

Dear Clerks of the Board of Supervisors,

Enclosed are the two hard copies of name and addresses of interested parties for the BOS hearing on Dec. 13, 2016 of CEQA Exemption Determination for the proposed project at 3516-3526 Folsom Street.

Thank you, Marilyn Waterman

#### **BOARD of SUPERVISORS**



City Hall
1 Dr. Carlton B. Goodlett Place, Room 244
San Francisco 94102-4689
Tel. No. 554-5184
Fax No. 554-5163
TDD/TTY No. 544-5227

November 23, 2016

File Nos. 161278 Planning Case No. 2013.1383ENV

Received from the Board of Supervisors Clerk's Office one check, in the amount of Five Hundred Seventy Eight Dollars (\$578) representing the filing fee paid by Ryan J. Patterson, on behalf of the Bernal Heights South Slope Organization, Bernal Safe & Livable, Neighbors Against the Upper Folsom Street Extension, Gail Newman, and Marilyn Waterman, for the appeals of the CEQA Exemption Determination for the proposed project at 3516-3526 Folsom Street.

Planning Department By:

Print Name

Signature and Date

#### Jalipa, Brent (BOS)

From:

BOS Legislation, (BOS)

Sent:

Tuesday, November 22, 2016 3:47 PM

To:

ryan@zfplaw.com; Fabien@novadesignsbuilds.com; fabien@bluorange.com

Cc:

Givner, Jon (CAT); Stacy, Kate (CAT); Byrne, Marlena (CAT); Rahaim, John (CPC); Sanchez, Scott (CPC); Gibson, Lisa (CPC); Starr, Aaron (CPC); Rodgers, AnMarie (CPC); Horner, Justin (CPC); Sucre, Richard (CPC); Ionin, Jonas (CPC); Calvillo, Angela (BOS); Somera,

Alisa (BOS); Lew, Lisa (BOS); BOS Legislation, (BOS)

Subject:

Appeal of Determination of Exemption - Proposed 3516-3526 Folsom Street - Appeal Hearing

on December 13, 2016

Categories:

161278

Good afternoon,

The Office of the Clerk of the Board has scheduled a hearing for Special Order before the Board of Supervisors on **December 13, 2016, at 3:00 p.m**. Please find linked below a letter of appeal filed against the proposed project at 3516-3526 Folsom Street, as well as direct links to the Planning Department's determination of timeliness for the appeal, and an informational letter from the Clerk of the Board.

Determination of Exemption Appeal Letter - November 14, 2016

Planning Department Memo - November 18, 2016

Clerk of the Board Letter - November 22, 2016

I invite you to review the entire matter on our Legislative Research Center by following the links below:

Board of Supervisors File No. 161278

Please note that the hearing date is swiftly approaching. Our office must notice this appeal hearing on Tuesday, November 29, 2016. If you have any special recipients for the hearing notice, kindly provide a list of addresses for interested parties to us in Excel spreadsheet format as soon as possible.

Thank you,

## Brent Jalipa

**Legislative Clerk** 

Board of Supervisors - Clerk's Office 1 Dr. Carlton B. Goodlett Place, Room 244 San Francisco, CA 94102

(415) 554-7712 | Fax: (415) 554-5163 brent.jalipa@sfgov.org | www.sfbos.org



Click here to complete a Board of Supervisors Customer Service Satisfaction form

Disclosures: Personal information that is provided in communications to the Board of Supervisors is subject to disclosure under the California Public Records Act and the San Francisco Sunshine Ordinance. Personal information provided will not be redacted. Members of the public are not required to provide personal identifying information when they communicate with the Board of Supervisors and its committees. All written or oral communications that members of the public submit to the Clerk's Office regarding pending legislation or hearings will be made available to all members of the public for inspection and copying. The Clerk's Office does not redact any information from these submissions. This means that personal information—including names, phone numbers, addresses and similar information that a member of the public elects to submit to the Board and its committees—may appear on the Board of Supervisors' website or in other public documents that members of the public may inspect or copy.

#### BOARD of SUPERVISORS



City Hall 1 Dr. Carlton B. Goodlett Place, Room 244 San Francisco 94102-4689 Tel. No. 554-5184 Fax No. 554-5163 TDD/TTY No. 544-5227

November 22, 2016

Ryan J. Patterson Zacks, Freedman & Patterson 235 Montgomery Street, Suite 400 San Francisco, CA 94104

Subject: Appeals of CEQA Exemption Determination 3516-3526 Folsom Street

**Project** 

Dear Mr. Patterson:

On November 21, 2016, the Office of the Clerk of the Board received a memorandum from the Planning Department regarding their determination on the timely filing of appeal of the CEQA Exemption Determination for the proposed project at 3516-3526 Folsom Street.

The Planning Department has determined that the appeal was filed in a timely manner.

Pursuant to Administrative Code, Section 31.16, and Planning Code, Section 308.1, a hearing date has been scheduled for **Tuesday, December 13, 2016, at 3:00 p.m.**, at the Board of Supervisors meeting to be held in City Hall, 1 Dr. Carlton B. Goodlett Place, Legislative Chamber, Room 250, San Francisco, CA 94102.

3516-3526 Folsom Street Project Appeals - Determination of Exemption December 13, 2016 Page 2

Please provide to the Clerk's Office by noon:

20 days prior to the hearing:

names and addresses of interested parties to be notified of the hearing, in spreadsheet format; and

11 days prior to the hearing:

any documentation which you may want available to

the Board members prior to the hearing.

For the above, the Clerk's office requests one electronic file (sent to <a href="mailto:bos.legislation@sfgov.org">bos.legislation@sfgov.org</a>) and two copies of the documentation for distribution.

NOTE: If electronic versions of the documentation are not available, please submit 18 hard copies of the materials to the Clerk's Office for distribution. If you are unable to make the deadlines prescribed above, it is your responsibility to ensure that all parties receive copies of the materials.

If you have any questions, please feel free to contact Legislative Clerks John Carroll at (415) 554-4445, or Brent Jalipa at (415) 554-7712.

Very truly yours,

Angela Calvillo
Clerk of the Board

c: Fabien Lannoye, Bluorange Designs, Project Sponsor
Anna Limkin, Project Sponsor
Jon Givner, Deputy City Attorney
Kate Stacy, Deputy City Attorney
Mariena Byrne, Deputy City Attorney
John Rahaim, Planning Director
Scott Sanchez, Zoning Administrator, Planning Department
Lisa Gibson, Environmental Review Officer, Planning Department
Aaron Starr, Manager of Legislative Affairs, Planning Department
AnMarie Rodgers, Senior Policy Advisor, Planning Department
Justin Horner, Staff Contact, Planning Department

#### Jalipa, Brent (BOS)

From:

Gibson, Lisa (CPC)

Sent:

Monday, November 21, 2016 4:36 PM

To:

Jalipa, Brent (BOS)

Cc:

Givner, Jon (CAT); Stacy, Kate (CAT); Byrne, Marlena (CAT); Sanchez, Scott (CPC); Rodgers, AnMarie (CPC); Starr, Aaron (CPC); Ionin, Jonas (CPC); BOS-Supervisors; BOS-Legislative Aides; Calvillo, Angela (BOS); Somera, Alisa (BOS); Lew, Lisa (BOS); Horner, Justin (CPC); Sucre, Richard (CPC); BOS Legislation, (BOS); Rahaim, John (CPC); Range,

Jessica (CPC); Navarrete, Joy (CPC)

Subject:

RE: Appeal of CEQA Exemption Determination - Proposed Project at 3516-3526 Folsom

Street - Timeliness Determination Request

**Attachments:** 

3516-3526 Folsom Timeliness Determination 11-18-16.pdf

Categories:

161278

Dear Brent,

Attached please find the CEQA exemption appeal timeliness determination for the above project. Please let me know if I can be of further assistance. Thank you.

#### Lisa Gibson

Acting Environmental Review Officer/ Director of Environmental Planning

Planning Department | City and County of San Francisco 1650 Mission Street, Suite 400, San Francisco, CA 94103

Direct: 415-575-9032 Fax: 415-558-6409

Email: <u>lisa.gibson@sfgov.org</u>
Web: <u>www.sfplanning.org</u>











From: BOS Legislation, (BOS)

**Sent:** Friday, November 18, 2016 12:04 PM

To: Rahaim, John (CPC)

**Cc:** Givner, Jon (CAT); Stacy, Kate (CAT); Byrne, Marlena (CAT); Sanchez, Scott (CPC); Rodgers, AnMarie (CPC); Starr, Aaron (CPC); Ionin, Jonas (CPC); BOS-Supervisors; BOS-Legislative Aides; Calvillo, Angela (BOS); Somera, Alisa (BOS);

Gibson, Lisa (CPC); BOS Legislation, (BOS); Lew, Lisa (BOS); Horner, Justin (CPC); Sucre, Richard (CPC)

Subject: Appeal of CEQA Exemption Determination - Proposed Project at 3516-3526 Folsom Street - Timeliness

Determination Request

Good morning, Director Rahaim:

The Office of the Clerk of the Board is in receipt of an appeal of the CEQA Determination of Exemption from Environmental Review for the proposed project at 3516-3526 Folsom Street. The appeal was filed by Ryan J. Patterson, on behalf of the Bernal Heights South Slope Organization, Bernal Safe & Livable, Neighbors Against the Upper Folsom Street Extension, Gail Newman, and Marilyn

Waterman, on November 14, 2016.

Please find the attached letter of appeal and timely filing determination request letter from the Clerk of the Board.

Kindly review for timely filing determination.

Regards,

**Brent Jalipa** 



# SAN FRANCISCO PLANNING DEPARTMENT

MEMO

1650 Mission St.

CA 94103-2479

Suite 400 San Francisco,

Reception: 415.558.6378

Fax:

DATE:

November 18, 2016

TO:

Angela Calvillo, Clerk of the Board of Supervisors

FROM:

Lisa Gibson, Acting Environmental Review Officer

RE:

Appeal Timeliness Determination - 3516 and 3526 Folsom Street,

Planning Department Case No. 2013.1383E

and 3526 Folsom

Fifice of the Clerk
al Heights South

An appeal of the categorical exemption for the proposed project at 3516 and 3526 Folsom Street (Planning Department Case No. 2013.1383E) was filed with the Office of the Clerk of the Board on November 14, 2016 by Ryan Patterson, on behalf of Bernal Heights South Slope Organization, Bernal Safe & Livable, Neighbors Against the Upper Folsom Street Extension, Gail Newman, and Marilyn Waterman.

**Timeline:** The Categorical Exemption was issued on July 8, 2016. The exemption identified the Approval Action for the project as the Discretionary Review Hearing by the Planning Commission, as provided for in Planning Code Section 311, which occurred on October 13, 2016 (Date of the Approval Action).

Timeliness Determination: Section 31.16(a) and (e) of the San Francisco Administrative Code states that any person or entity may appeal an exemption determination to the Board of Supervisors during the time period beginning with the date of the exemption determination and ending 30 days after the Date of the Approval Action.

The 30th day after the Date of the Approval Action was Saturday, November 12, 2016. The next date when the Office of the Clerk of the Board was open was Monday, November 14. The appeal of the exemption determination was filed on November 14, 2016. As the appeal could not have been filed on November 12, the appeal was timely filed during the specified window of time after the Date of the Approval Action.

#### Jalipa, Brent (BOS)

From:

BOS Legislation, (BOS)

Sent:

Friday, November 18, 2016 12:04 PM

To:

Rahaim, John (CPC)

Cc:

Givner, Jon (CAT); Stacy, Kate (CAT); Byrne, Marlena (CAT); Sanchez, Scott (CPC); Rodgers, AnMarie (CPC); Starr, Aaron (CPC); Ionin, Jonas (CPC); BOS-Supervisors; BOS-Legislative Aides; Calvillo, Angela (BOS); Somera, Alisa (BOS); Gibson, Lisa (CPC); BOS

Legislation, (BOS); Lew, Lisa (BOS); Horner, Justin (CPC); Sucre, Richard (CPC)

Subject:

Appeal of CEQA Exemption Determination - Proposed Project at 3516-3526 Folsom Street -

Timeliness Determination Request

Attachments:

Appeal Ltr 111416.pdf; COB Ltr 111616.pdf

Categories:

161278

Good morning, Director Rahaim:

The Office of the Clerk of the Board is in receipt of an appeal of the CEQA Determination of Exemption from Environmental Review for the proposed project at 3516-3526 Folsom Street. The appeal was filed by Ryan J. Patterson, on behalf of the Bernal Heights South Slope Organization, Bernal Safe & Livable, Neighbors Against the Upper Folsom Street Extension, Gail Newman, and Marilyn Waterman, on November 14, 2016.

Please find the attached letter of appeal and timely filing determination request letter from the Clerk of the Board.

Kindly review for timely filing determination.

Regards,

Brent Jalipa

Legislative Clerk

Board of Supervisors - Clerk's Office 1 Dr. Carlton B. Goodlett Place, Room 244 San Francisco, CA 94102 (415) 554-7712 | Fax: (415) 554-5163 brent.jalipa@sfgov.org | www.sfbos.org

#### **BOARD of SUPERVISORS**



City Hall
1 Dr. Carlton B. Goodlett Place, Room 244
San Francisco 94102-4689
Tel. No. 554-5184
Fax No. 554-5163
TDD/TTY No. 544-5227

November 16, 2016

To:

John Rahaim Planning Director

From:

Angela Calvillo

Clerk of the Board of Supervisors

Subject:

Appeal of California Environmental Quality Act (CEQA) Determination of

Exemption from Environmental Review - 3516-3526 Folsom Street

An appeal of the CEQA Determination of Exemption from Environmental Review for the proposed project at 3516-3526 Folsom Street was filed with the Office of the Clerk of the Board by Ryan J. Patterson, on behalf of the Bernal Heights South Slope Organization, Bernal Safe & Livable, Neighbors Against the Upper Folsom Street Extension, Gail Newman, and Marilyn Waterman, on November 14, 2016.

Pursuant to Administrative Code, Chapter 31.16, I am forwarding this appeal, with attached documents, to the Planning Department to determine if the appeal has been filed in a timely manner. The Planning Department's determination should be made within three (3) working days of receipt of this request.

If you have any questions, please feel free to contact Legislative Clerks John Carroll at (415) 554-4445 or Brent Jalipa at (415) 554-7712.

c: Jon Givner, Deputy City Attorney
Kate Stacy, Deputy City Attorney
Marlena Byrne, Deputy City Attorney
Scott Sanchez, Zoning Administrator, Planning Department
Lisa Gibson, Environmental Review Officer, Planning Department
AnMarie Rodgers, Senior Policy Advisor, Planning Department
Aaron Starr, Manager of Legislative Affairs, Planning Department
Justin Horner, Staff Contact, Planning Department
Richard Sucre, Staff Contact, Planning Department
Jonas Ionin, Planning Commission Secretary, Planning Department

Print Form

## **Introduction Form**

By a Member of the Board of Supervisors or the Mayor

Time stamp or meeting date I hereby submit the following item for introduction (select only one): 1. For reference to Committee. (An Ordinance, Resolution, Motion, or Charter Amendment) 2. Request for next printed agenda Without Reference to Committee. 3. Request for hearing on a subject matter at Committee.  $\boxtimes$ inquires" 4. Request for letter beginning "Supervisor 5. City Attorney request. 6. Call File No. from Committee. 7. Budget Analyst request (attach written motion). П 8. Substitute Legislation File No. 9. Reactivate File No. 10. Question(s) submitted for Mayoral Appearance before the BOS on Please check the appropriate boxes. The proposed legislation should be forwarded to the following: **Small Business Commission** ☐ Youth Commission ☐ Ethics Commission ☐ Planning Commission ☐ Building Inspection Commission Note: For the Imperative Agenda (a resolution not on the printed agenda), use a Imperative Form. Sponsor(s): Clerk of the Board Subject: Hearing - Appeal of Categorical Exemption from Environmental Review - 3516-3526 Folsom Street The text is listed below or attached: Hearing of persons interested in or objecting to the determination of exemption from environmental review under the California Environmental Quality Act issued as a Categorical Exemption by the Planning Department on July 8, 2016, approved on October 13, 2016, for a proposed project located at 3516-3526 Folsom Street, to allow the construction of two 3,000-square-foot single-family residences on two vacant lots. (District 9) (Appellant: Ryan J. Patterson, on behalf of the Bernal Heights South Slope Organization, Bernal Safe & Livable, Neighbors Against the

Upper Folsom Street Extension, Gail Newman, and Marilyn Waterman) (Filed November 14, 2016).

Signature of Sponsoring Supervisor: Alisa Tomera

For Clerk's Use Only: