File No.	171284	Committee Item No.	2	
·		Board Item No.	7	1

COMMITTEE/BOARD OF SUPERVISORS

AGENDA PACKET CONTENTS LIST

Committee:	Land Use and Transportation C	committee Date _A	April 16, 20)18
	pervisors Meeting	Date _	NMR	3018
Cmte Board	Motion Resolution Ordinance Legislative Digest Budget and Legislative Analy Youth Commission Report Introduction Form Department/Agency Cover L MOU Grant Information Form Grant Budget Subcontract Budget Contract/Agreement Form 126 – Ethics Commiss Award Letter Application Public Correspondence	etter and/or Rep	ort	
OTHER	(Use back side if additional s	space is needed)		
	Referral CEQA 121217 Referral BIC 121217 Referral FYI 121217 CEQA Determination 012218 BIC Response 041218			
Completed Completed			3, 2018 3,748	

AMENDED IN COMMITTE 4/16/2018 ORD., ANCE NO.

FILE NO. 171284

[Building Code - Slope Protection Act]

Ordinance amending the Building Code to revise the City's Slope Protection Act by clarifying the scope of its application to properties exceeding an average slope of 25% grade, updating the map references, mandating review by the Department of Building Inspection's Structural Advisory Committee, and re-enacting and modifying a paragraph in the scope section regarding the type of proposed construction that triggers application of the Act which was omitted inadvertently in the adoption of the 2016 Code; affirming the Planning Department's determination under the California Environmental Quality Act; and directing the Clerk of the Board of Supervisors to forward this ordinance to the California Building Standards Commission upon final passage.

NOTE: Unchanged Code text and uncodified text are in plain Arial font.

Additions to Codes are in single-underline italics Times New Roman font.

Deletions to Codes are in strikethrough italics Times New Roman font.

Board amendment additions are in double-underlined Arial font.

Board amendment deletions are in strikethrough Arial font.

Asterisks (* * * *) indicate the omission of unchanged Code subsections or parts of tables.

Be it ordained by the People of the City and County of San Francisco: Section 1. General Findings.

(a) The Planning Department has determined that the actions contemplated in this ordinance comply with the California Environmental Quality Act (California Public Resources Code Sections 21000 et seq.). Said determination is on file with the Clerk of the Board of Supervisors in File No. 171284 and is incorporated herein by reference. The Board affirms this determination.

(b) On March 21, 2018, the Building Inspection Commission considered this ordinance at a duly noticed public hearing pursuant to Charter Section D3.750-5.

Section 2. California Health and Safety Code Section 17958.7(b). No finding is required under California Health and Safety Code Section 17958.7 because the ordinance does not amend a "building standard" as defined in Section 18909 of that Code.

Section 3. The Building Code is hereby amended by revising Section 106A.4.1.4, to read as follows:

106A.4.1.4 The Slope <u>and Seismic Hazard Zone</u> Protection Act. This Section of the San Francisco Building Code shall be known as the Slope <u>and Seismic Hazard Zone</u> Protection Act.

106A.4.1.4.1 Creation. The Slope <u>and Seismic Hazard Zone</u> Protection Act shall apply to all property within San Francisco that <u>exceeds an average slope of 25% grade or</u> falls within certain mapped areas of the City, except those properties already subject to the Edgehill Mountain Slope Protection Area or the Northwest Mt. Sutro Slope Protection Area. For purposes of this Section "property" shall mean a legal lot of record. Heightened review of certain permit applications, as provided in this section, shall be given to all property subject to this Act.

106A.4.1.4.2 Purpose. Because landslides, earth movement, ground shaking, drainage issues, and subsidence are likely to occur on or near steeply sloped properties and within other defined areas causing severe damage and destruction to public and private improvements, the Board of Supervisors finds that the public health, safety, and welfare is best protected if the Building Official causes permit applications for the construction of new buildings or structures and certain other construction work on property subject to the Slope and Seismic Hazard Zone Protection Act to undergo additional be peer-reviewed for structural

integrity and effect on <u>hillside or</u> slope stability. The requirements for projects subject to the Slope <u>and Seismic Hazard Zone</u> Protection Act are in addition to all other applicable laws and regulations, including any and all requirements for environmental review under the California Environmental Quality Act; compliance with the requirements contained herein does not excuse a project sponsor from compliance with any other applicable laws and regulations.

106A.4.1.4.3 Scope. Properties are subject to these requirements where any portion of the property either (1) exceeds an average slope of 25% grade or (2) lies within the areas of "Earthquake-Induced Landslide" in the Seismic Hazard Zone Map, released by the California Department of Conservation, Division of Mines and Geology, dated November 17, 2000, or amendments thereto; or within the "Landslide Hazard Areas" mapped as "Landslide Locations" in Figure 4 of the San Francisco Seismic Safety Investigation report prepared by URS/John A. Blume & Associates, Engineers, June 1974, or any successor map thereto.

Proposed construction work that is subject to these requirements includes the construction of new buildings or structures having over 1,000 square feet of new projected roof area and horizontal or vertical additions having over 500 square feet of new projected roof area. In addition, these requirements shall apply to the following activity or activities if, in the opinion of the Building Official, the proposed work may have a substantial impact on the slope stability of any property: shoring, underpinning, excavation, or retaining wall work; grading, including excavation or fill, of over 50 cubic yards of earth materials; or any other construction activity that, in the opinion of the Building Official, may have a substantial impact on the slope stability of any property.

review by the Structural Advisory Committee; review by other City officials. All permit applications submitted to the Department of Building Inspection Central Permit Bureau for construction work on properties subject to the Slope and Seismic Hazard Zone Protection Act shall include report(s) prepared and signed by both a licensed geologist and a licensed geotechnical engineer

identifying areas of potential slope instability, defining potential risks of development due to geological and geotechnical factors, and *drawing conclusions and* making recommendations regarding the proposed development. These reports shall *undergo design review by a licensed geotechnical engineer be submitted to and reviewed by the Structural Advisory Committee, as defined by Building Code Section 105A.6.* Such *design* review *by the Structural Advisory Committee* shall verify that appropriate geological and geotechnical issues have been considered and that appropriate slope instability mitigation strategies, including drainage plans if required, have been proposed.

No permits as specified above for properties subject to the Slope and Seismic Hazard Zone

Protection Act shall be issued unless and until the Building Official has consulted with and received a
written communication from representatives of the Departments of Planning and Public Works, and
the Fire Department, each of whom has made a visit to the site for which the project is proposed, and
the Building Official has received a written report from the Structural Advisory Committee concerning
the safety and integrity of the proposed design and construction. As part of its review, the Structural
Advisory Committee shall consider the effect that construction activity related to the proposed project
will have on the safety and stability of the property subject to the Slope and Seismic Hazard Zone
Protection Act and properties within the vicinity of such property.

Official. After reviewing all submitted information pursuant to Section 106A.4.1.4.4, the Director, in his or her sole discretion, may require that the permit application be subject to review by a Structural Advisory Committee, as defined by Building Code Section 105A.6. When subject to such Structural Advisory Committee review, no permits shall be issued unless and until the Building Official has consulted with and received a written communication from representatives of the Department of Planning, Department of Public Works and Fire Department, each of whom has made a visit to the site for which the project is proposed, and the Building Official has received a written report from the

Structural Advisory Committee concerning the safety and integrity of the proposed design and eonstruction. As part of its review, the Structural Advisory Committee shall consider the effect that construction activity related to the proposed project will have on the safety and stability of the property subject to the Slope and Seismic Hazard Zone Protection Act and properties within the vicinity of such property.

In the event that the *Building Official establishes a* Structural Advisory Committee, *and such Committee* determines that there is a reasonable likelihood that the proposed design and construction would result in unsafe conditions or would increase the likelihood of hillside *or slope* instability, and such unsafe conditions or instability cannot be mitigated to the satisfaction of the Committee, the Building Official shall deny the permit. The Building Official's decision to deny the permit is appealable only to the Board of Appeals.

106A.4.1.4.6 Regulations to implement the Slope <u>and Seismic Hazard Zone</u>

Protection Act. The Building Official is hereby authorized to adopt rules, regulations, administrative bulletins, or other written guidelines to assist the Department in implementing this Section <u>106A.4.1.4</u>, including, but not limited to, requirements for applicants to demonstrate that a project site is not subject to the Slope Protection Act.

Section 4. Effective Date. This ordinance shall become effective 30 days after enactment. Enactment occurs when the Mayor signs the ordinance, the Mayor returns the ordinance unsigned or does not sign the ordinance within ten days of receiving it, or the Board of Supervisors overrides the Mayor's veto of the ordinance

Section 5. Scope of Ordinance. In enacting this ordinance, the Board of Supervisors intends to amend only those words, phrases, paragraphs, subsections, sections, articles, numbers, punctuation marks, charts, diagrams, or any other constituent parts of the Municipal

Code that are explicitly shown in this ordinance as additions, deletions, Board amendment additions, and Board amendment deletions in accordance with the "Note" that appears under the official title of the ordinance.

Section 6. Directions to the Clerk. The Clerk of the Board of Supervisors is hereby directed to forward a copy of this ordinance to the California Building Standards Commission upon final passage.

APPROVED AS TO FORM:

DENNIS JAHERRERA, City Attorney

By:

UĎITH A. BOYAJIAN

Députy City Attorney

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REVISED LEGISLATIVE DIGEST

(4/16/2018, Amended in Committee)

[Building Code - Slope Protection Act]

Ordinance amending the Building Code to revise the City's Slope Protection Act by clarifying the scope of its application to properties exceeding an average slope of 25% grade, updating the map references, mandating review by the Department of Building Inspection's Structural Advisory Committee, and re-enacting and modifying a paragraph in the scope section regarding the type of proposed construction that triggers application of the Act which was omitted inadvertently in the adoption of the 2016 Code; affirming the Planning Department's determination under the California Environmental Quality Act; and directing the Clerk of the Board of Supervisors to forward this ordinance to the California Building Standards Commission upon final passage.

Existing Law

Building Code Section 106A.4.1.4 establishes the Slope Protection Act (the "Act"). The Act applies to all properties in San Francisco that are within areas of "Earthquake-Induced Landslide" in the Seismic Hazard Zone Map released by the California Department of Conservation, Division of Mines and Geology or are within "Landslide Hazard Areas" in what is known as the Blume Map, but that are not subject to either the Edgehill Mountain Slope Protection Area or the Northwest Mt. Sutro Slope Protection Area.

Permit applications for new construction and other specified construction work on properties subject to the Act receive heightened review, which requires: (1) mandatory submittal of reports prepared and signed by both a licensed geologist and a licensed geotechnical engineer, (2) a review and written report by a Structural Advisory Committee convened at the discretion of the Building Official, and (3) if a Structural Advisory Committee is convened, a written communication from representatives of the Departments of Planning, Public Works, and Fire each of whom has visited the site. If the Building Official requests review by the Structural Advisory Committee and the Committee determines that there is a reasonable likelihood the proposed design and construction would result in unsafe conditions or would increase the likelihood of hillside instability, and the unsafe conditions or instability cannot be mitigated to the Committee's satisfaction, the Building Official must deny the permit.

Amendments to Current Law

The following amendments have been made to the existing law:

The Act has been renamed to more accurately describe its purpose.

- The now outdated Blume Map has been deleted and the language "exceeds an average slope of 25% grade" is added as a separate means for determining whether a project is within the Act's Scope.
- A paragraph has been added to the Scope section specifying the type of construction work that will be subject to heightened review; this paragraph was inadvertently deleted from the Act in the 2016 repeal and re-enactment of the Building Code and is modified in this ordinance.
- Review by the Structural Advisory Committee will be mandatory rather than at the discretion of the Building Official.
- Consultation with and written communication from representatives of the Departments of Planning, Public Works, and Fire who have visited the site will be mandatory.

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City Hall
Dr. Carlton B. Goodlett Place, Room 244
San Francisco 94102-4689
Tel. No. 554-5184
Fax No. 554-5163
TDD/TTY No. 554-5227

December 12, 2017

File No. 171284

Lisa Gibson Acting Environmental Review Officer Planning Department 1650 Mission Street, Ste. 400 San Francisco, CA 94103

Dear Ms. Gibson:

On December 5, 2017, Supervisor Peskin introduced the following proposed legislation:

File No. 171284

Ordinance amending the Building Code to revise the City's Slope Protection Act by clarifying the scope of its application to properties exceeding an average slope of 25% grade, updating the map references, mandating review by the Department of Building Inspection's Structural Advisory Committee, and re-enacting and modifying a paragraph in the scope section regarding the type of proposed construction that triggers application of the Act which was omitted inadvertently in the adoption of the 2016 Code; affirming the Planning Department's determination under the California Environmental Quality Act; and directing the Clerk of the Board of Supervisors to forward this Ordinance to the California Building Standards Commission upon final passage.

This legislation is being transmitted to you for environmental review.

Angela Çalvillo, Clerk of the Board

By: Alisa Somera, Legislative Deputy Director Land Use and Transportation Committee

Attachment

Not defined as a project under CEQA Guidelines Sections 15378 and 15060(c)(2) because it does not result in a physical change in the environment.

 Joy Navarrete, Environmental Planning Laura Lynch, Environmental Planning

Joy Digitally signed by Joy Navarrete Dist. con-Joy Navarrete Co-Plannin One-Conference of Conference of Conferenc



BUILDING INSPECTION COMMISSION (BIC)

Department of Building Inspection Voice (415) 558-6164 - Fax (415) 558-6509 1660 Mission Street, San Francisco, California 94103-2414

April 12, 2018

Mark Farrell Mayor

Ms. Angela Calvillo Clerk of the Board

Board of Supervisors, City Hall

1 Dr. Carlton B. Goodlett Place, Room 244

San Francisco, CA 94102-4694

Angus McCarthy President

COMMISSION

Dear Ms. Calvillo:

Debra Walker Vice-President

RE: File No. 171284

Kevin Clinch Gail Gilman John Konstin Frank Lee James Warshell

Sonva Harris Secretary

Shirley Wong Assistant Secretary

Tom C. Hui Director

Ordinance amending the Building Code to revise the City's Slope Protection Act by clarifying the scope of its application to properties exceeding an average slope of 25% grade, updating the map references, mandating review by the Department of Building Inspection's Structural Advisory Committee, and re-enacting and modifying a paragraph in the scope section regarding the type of proposed construction that triggers application of the Act which was omitted inadvertently in the adoption of the 2016 Code; affirming the Planning Department's determination under the California Environmental Quality Act; and directing the Clerk of the Board of Supervisors to forward this Ordinance to the California Building Standards Commission upon final passage.

The Building Inspection Commission met and held a public hearing on March 21, 2018 regarding File No. 171284 on the proposed amendment to the San Francisco Building Code referenced above. In addition, the Commission agreed to meet with Department of Building Inspection staff, and did forward to Supervisor Peskin's office additional language revisions to enable a well-managed implementation of the ordinance by the DBI Director and staff. The Commissioners voted unanimously to support the ordinance.

The Commissioners voted as follows:

President McCarthy Commissioner Clinch Commissioner Konstin Commissioner Warshell

Yes Excused Yes Yes

Vice-President Walker Commissioner Gilman Commissioner Lee

Yes Excused Yes

Should you have any questions, please do not hesitate to call me at 558-6164.

Sincerely,

Dongo Haro

Sonya Harris Commission Secretary

Tom C. Hui, S.E., Director Supervisor Aaron Peskin Board of Supervisors cc:



City Hall
Dr. Carlton B. Goodlett Place, Room 244
San Francisco 94102-4689
Tel. No. 554-5184
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TDD/TTY No. 554-5227

December 12, 2017

File No. 171284

Lisa Gibson Acting Environmental Review Officer Planning Department 1650 Mission Street, Ste. 400 San Francisco, CA 94103

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This legislation is being transmitted to you for environmental review.

Angela Çalvillo, Clerk of the Board

By: Alisa Somera, Legislative Deputy Director Land Use and Transportation Committee

Attachment

c: Joy Navarrete, Environmental Planning Laura Lynch, Environmental Planning



City Hall
1 Dr. Carlton B. Goodlett Place, Room 244
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MEMORANDUM

TO:

Tom Hui, Director, Department of Building Inspection

Sonya Harris, Secretary, Building Inspection Commission

FROM:

Alisa Somera, Legislative Deputy Director

Land Use and Transportation Committee

DATE:

December 12, 2017

SUBJECT:

LEGISLATION INTRODUCED

The Board of Supervisors' Land Use and Transportation Committee has received the following legislation, introduced by Supervisor Peskin on December 5, 2017:

File No. 171284

Ordinance amending the Building Code to revise the City's Slope Protection Act by clarifying the scope of its application to properties exceeding an average slope of 25% grade, updating the map references, mandating review by the Department of Building Inspection's Structural Advisory Committee, and re-enacting and modifying a paragraph in the scope section regarding the type of proposed construction that triggers application of the Act which was omitted inadvertently in the adoption of the 2016 Code; affirming the Planning Department's determination under the California Environmental Quality Act; and directing the Clerk of the Board of Supervisors to forward this Ordinance to the California Building Standards Commission upon final passage.

The proposed ordinance is being transmitted pursuant to Charter, Section D3.750-5, for public hearing and recommendation. It is pending before the Land Use and Transportation Committee and will be scheduled for hearing upon receipt of your response.

Please forward me the Commission's recommendation and reports at the Board of Supervisors, City Hall, Room 244, 1 Dr. Carlton B. Goodlett Place, San Francisco, CA 94102 or by email at: alisa.somera@sfgov.org.

c: William Strawn, Department of Building Inspection Carolyn Jayin, Department of Building Inspection



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

MEMORANDUM

TO:

John Rahaim, Director, Planning Department Mohammed Nuru, Director, Public Works Joanne Hayes-White, Chief, Fire Department

Alisa Somera, Legislative Deputy Director Land Use and Transportation Committee

DATE:

December 12, 2017

SUBJECT:

LEGISLATION INTRODUCED

The Board of Supervisors' Land Use and Transportation Committee has received the following proposed legislation, introduced by Supervisor Peskin on December 5, 2017:

File No. 171284

Ordinance amending the Building Code to revise the City's Slope Protection Act by clarifying the scope of its application to properties exceeding an average slope of 25% grade, updating the map references, mandating review by the Department of Building Inspection's Structural Advisory Committee, and re-enacting and modifying a paragraph in the scope section regarding the type of proposed construction that triggers application of the Act which was omitted inadvertently in the adoption of the 2016 Code; affirming the Planning Department's determination under the California Environmental Quality Act; and directing the Clerk of the Board of Supervisors to forward this Ordinance to the California Building Standards Commission upon final passage.

If you have comments or reports to be included with the file, please forward them to me at the Board of Supervisors, City Hall, Room 244, 1 Dr. Carlton B. Goodlett Place, San Francisco, CA 94102 or by email at: alisa.somera@sfgov.org.

Scott Sanchez, Planning Department C: Lisa Gibson, Planning Department AnMarie Rodgers, Planning Department Aaron Starr, Planning Department

Joy Navarrete, Planning Department Laura Lynch, Planning Department David Steinberg, Public Works Jeremy Spitz, Public Works Jennifer Blot, Public Works John Thomas, Public Works Lena Liu, Public Works Kelly Alves, Fire Department ...Print Form

Introduction Form

By a Member of the Board of Supervisors or Mayor

BOARD OF SUPERVISORS
2017 DEC -5 PM 4: 47

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. 4. Request for letter beginning: "Supervisor inquiries" 5. City Attorney Request. 6. Call File No. from Committee. 7. Budget Analyst request (attached written motion). 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 Building Inspection Commission Planning Commission Note: For the Imperative Agenda (a resolution not on the printed agenda), use the Imperative Form. Sponsor(s): Peskin Subject: [Building Code - Slope Protection Act] The text is listed: Ordinance amending the Building Code to revise the City's Slope Protection Act by clarifying the scope of its application to properties exceeding an average slope of 25% grade, updating the map references, mandating review by the Department of Building Inspection's Structural Advisory Committee, and re-enacting and modifying a paragraph in the scope section regarding the type of proposed construction that triggers application of the Act which was omitted inadvertently in the adoption of the 2016 Code; affirming the Planning Department's determination under the California Environmental Quality Act; and directing the Clerk of the Board of Supervisors to forward this ordinance to the California Building Standards Commission upon final passage. Signature of Sponsoring Supervisor:

For Clerk's Use Only