File No. <u>111183</u>

Committee Item No.\_\_\_\_\_ Board Item No.\_\_\_\_\_\_

**COMMITTEE/BOARD OF SUPERVISORS** 

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Committee\_\_\_\_

Date\_\_\_\_

Board of Supervisors Meeting

Date December 6, 2011

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	Legislative Digest
	Budget Analyst Report
	Legislative Analyst Report
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$\exists$	MOU
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<u></u>	

Completed by: <u>Joy Lamug</u> Completed by:\_\_\_\_\_ Date <u>December 1, 2011</u> Date\_\_\_\_\_

An asterisked item represents the cover sheet to a document that exceeds 20 pages. The complete document is in the file.

C - Pages BOS-11-Dre File # 111183



# Wireless Infrastructure

Sent by: Renee Craig

John Avalos, David Campos, David Board of Supervisors to: Chiu, Carmen Chu, Malia Cohen, Sean Elsbernd, Mark Farrell, Jane Kim, Eric L

11/30/2011 01:32 PM

Board of Supervisors 1 Dr. Cariton B. Goodlett Place, Room 244 San Francisco, CA 94102 (415) 554-5184 (415) 554-5163 fax Board.of.Supervisors@sfgov.org

Complete a Board of Supervisors Customer Service Satisfaction form by clicking http://www.sfbos.org/index.aspx?page=104 - Forwarded by Renee Craig/BOS/SFGOV on 11/30/2011 01:33 PM -----

Working mobile

Ldangelo to: Board.of.Supervisors@sfgov.org

11/30/2011 01:08 PM

November 30, 2011 Clerk of the Board Angela Calvillo City Hall 1 Dr. Carlton B. Goodlett Place, Room 244 San Francisco, CA 94102-4689

Dear Angela Calvillo,

Mobile phones and tablets are the new tools of productivity, but they're only as useful as they are connected. Commuters use their mobile devices for everything from business to connecting with friends and family. But this can be difficult when there are dropped calls or unreliable connections. So I am writing to urge you to support AT&T's efforts to improve wireless infrastructure along the 101/Van Ness corridor, specifically the site located at 2041 Larkin St.

Sincerely,

Η 390 Elizabeth street San Francisco, CA 94114-3336 ----- Forwarded by Renee Craig/BOS/SFGOV on 11/30/2011 01:33 PM ---

# Connectivity is Productivity

sgaretano to: Board.of.Supervisors@sfgov.org

11/30/2011 01:18 PM

November 30, 2011 Clerk of the Board Angela Calvillo City Hall 1 Dr. Carlton B. Goodlett Place, Room 244 San Francisco, CA 94102-4689

Dear Angela Calvillo,

Residents of San Francisco expect better cell phone coverage to keep pace with the latest developments of the tech sector and stay connected during their daily routine. If the Board of Supervisors decides against the construction of the cell site at 2041 Larkin Street, it will hurt productivity and quality of life for San Francisco, impacting both local communities and businesses. I hope you will support improving wireless coverage in San Francisco and approve the new site.

Sincerely,

Sam Garetano 2985 Clay Street San Francisco, CA 94115-1712

C- Pages BOS-11-Done File # 111183



John Avalos/BOS/SFGOV@SFGOV, David Campos/BOS/SFGOV@SFGOV, David Chiu/BOS/SFGOV@SFGOV, Carmen Chu/BOS/SFGOV@SFGOV, Malia Cohen/BOS/SFGOV@SFGOV, Sean Elsbernd/BOS/SFGOV@SFGOV, Mark

Subject: Fw: Connectivity is Productivity

Board of Supervisors 1 Dr. Carlton B. Goodlett Place, Room 244 San Francisco, CA 94102 (415) 554-5184 (415) 554-5163 fax Board.of.Supervisors@sfgov.org

Complete a Board of Supervisors Customer Service Satisfaction form by clicking http://www.sfbos.org/index.aspx?page=104 ---- Forwarded by Renee Craig/BOS/SFGOV on 11/30/2011 01:36 PM -----

Connectivity is Productivity

sgaretano to: Board.of.Supervisors@sfgov.org

11/30/2011 01:18 PM

November 30, 2011 Clerk of the Board Angela Calvillo City Hall 1 Dr. Carlton B. Goodlett Place, Room 244 San Francisco, CA 94102-4689

Dear Angela Calvillo,

Residents of San Francisco expect better cell phone coverage to keep pace with the latest developments of the tech sector and stay connected during their daily routine. If the Board of Supervisors decides against the construction of the cell site at 2041 Larkin Street, it will hurt productivity and quality of life for San Francisco, impacting both local communities and businesses. I hope you will support improving wireless coverage in San Francisco and approve the new site.

Sincerely,

Sam Garetano 2985 Clay Street San Francisco, CA 94115-1712

C Pages BOS-11-Done -File # 111183



John Avalos/BOS/SFGOV@SFGOV, David Campos/BOS/SFGOV@SFGOV, Carmen Chu/BOS/SFGOV@SFGOV, David Chiu/BOS/SFGOV@SFGOV, Malia Cohen/BOS/SFGOV@SFGOV, Sean Elsbernd/BOS/SFGOV@SFGOV, Mark

Board of Supervisors 1 Dr. Carlton B. Goodlett Place, Room 244 San Francisco, CA 94102 (415) 554-5184 (415) 554-5163 fax Board of Supervisors@sfgov.org

Complete a Board of Supervisors Customer Service Satisfaction form by clicking http://www.sfbos.org/index.aspx?page=104 ----- Forwarded by Renee Craig/BOS/SFGOV on 12/01/2011 08:08 AM -----

I expect wireless to work in SF, so please support new cell sites

gz94131 to: Board.of.Supervisors@sfgov.org

11/30/2011 03:37 PM

November 30, 2011 Clerk of the Board Angela Calvillo City Hall 1 Dr. Carlton B. Goodlett Place, Room 244 San Francisco, CA 94102-4689

Dear Angela Calvillo,

As San Francisco prides itself on being a technological hub, San Franciscans have come to love and rely on wireless devices. Whether using a smartphone, laptop or tablet, high-speed, real-time interaction has quickly become the standard. Wireless service in the city, however, is too often hindered by signal drop offs and slowdowns that hinder the potential of today's devices. I think anything that can improve my current mobile experience is common sense, and in that spirit, I hope you will support the site at 2041 Larkin Street.

Sincerely,

George Zemitis 145 Gardenside Dr. Apt 10

# San Francisco, CA 94131-3311 ----- Forwarded by Renee Craig/BOS/SFGOV on 12/01/2011 08:08 AM ----

Connectivity is Productivity

Duckles1 to: Board.of.Supervisors@sfgov.org

11/30/2011 03:58 PM

November 30, 2011 Clerk of the Board Angela Calvillo City Hall 1 Dr. Carlton B. Goodlett Place, Room 244 San Francisco, CA 94102-4689

Dear Angela Calvillo,

Residents of San Francisco expect better cell phone coverage to keep pace with the latest developments of the tech sector and stay connected during their daily routine. If the Board of Supervisors decides against the construction of the cell site at 2041 Larkin Street, it will hurt productivity and quality of life for San Francisco, impacting both local communities and businesses. I hope you will support improving wireless coverage in San Francisco and approve the new site.

Sincerely,

Douglas Frantz 43 Santa ynez ave San Francisco, CA 94112-2515 ----- Forwarded by Renee Craig/BOS/SFGOV on 12/01/2011 08:08 AM ----

Improving cell coverage is good for the local economy

amnathan to: Board.of.Supervisors@sfgov.org

11/30/2011 04:32 PM

November 30, 2011 Clerk of the Board Angela Calvillo City Hall 1 Dr. Carlton B. Goodlett Place, Room 244 San Francisco, CA 94102-4689

Dear Angela Calvillo,

Patrons of Polk Street restaurants, shops, and other businesses are big users of the mobile web. Customers use mobile apps to get directions, make reservations, or do research. But it's annoying and inconvenient for both businesses and their patrons when signals fade and calls get disconnected. Therefore, I urge you to approve the cell site at 2041 Larkin that will improve wireless coverage for Russian Hill and the Van Ness/101 area.

Sincerely,

MARVIN & ANITA NATHAN 66 YERBA BUENA AVE. SAN FRANCISCO, CA 94127-1544

C-4ages BOS-19-Doner Fik# 11183

# Wireless Connectivity

Sent by: Renee Craig

John Avalos, David Campos, David Board of Supervisors to: Chiu, Carmen Chu, Malia Cohen, Sean Elsbernd, Mark Farrell, Jane Kim, Eric L

11/30/2011 03:23 PM

Board of Supervisors 1 Dr. Carlton B. Goodlett Place, Room 244 San Francisco, CA 94102 (415) 554-5184 (415) 554-5163 fax Board.of.Supervisors@sfgov.org

Complete a Board of Supervisors Customer Service Satisfaction form by clicking http://www.sfbos.org/index.aspx?page=104 ----- Forwarded by Renee Craig/BOS/SFGOV on 11/30/2011 03:26 PM -----

Improving cell coverage is good for the local economy

aabeltran to: Board.of.Supervisors@sfgov.org

11/30/2011 02:33 PM

November 30, 2011 Clerk of the Board Angela Calvillo City Hall 1 Dr. Carlton B. Goodlett Place, Room 244 San Francisco, CA 94102-4689

Dear Angela Calvillo,

Patrons of Polk Street restaurants, shops, and other businesses are big users of the mobile web. Customers use mobile apps to get directions, make reservations, or do research. But it's annoying and inconvenient for both businesses and their patrons when signals fade and calls get disconnected. Therefore, I urge you to approve the cell site at 2041 Larkin that will improve wireless coverage for Russian Hill and the Van Ness/101 area.

Sincerely,

Allyn Beltran 430 Fillmore Street Apt. B San Francisco, CA 94117-3465 ----- Forwarded by Renee Craig/BOS/SFGOV on 11/30/2011 03:26 PM - I support wireless infrastructure improvements

vfdiva to: Board.of.Supervisors@sfgov.org

11/30/2011 02:40 PM

November 30, 2011 Clerk of the Board Angela Calvillo City Hall 1 Dr. Carlton B. Goodlett Place, Room 244 San Francisco, CA 94102-4689

Dear Angela Calvillo,

I'm writing to express my support for the wireless site planned for 2041 Larkin at the Church of the Fellowship. Its location seems ideal for improving wireless coverage in the 101/Van Ness corridor, which is both an important area for commuters as well as for businesses and restaurants along Polk Street and Van Ness.

Sincerely,

Veronika Fimbres 554 Monterey Boulevard #2 San Francisco, CA 94127-2418 ----- Forwarded by Renee Craig/BOS/SFGOV on 11/30/2011 03:26 PM -----

Connectivity is Productivity

mwanders1 to: Board.of.Supervisors@sfgov.org

11/30/2011 02:41 PM

November 30, 2011 Clerk of the Board Angela Calvillo City Hall 1 Dr. Carlton B. Goodlett Place, Room 244 San Francisco, CA 94102-4689

Dear Angela Calvillo,

Residents of San Francisco expect better cell phone coverage to keep pace with the latest developments of the tech sector and stay connected during their daily routine. If the Board of Supervisors decides against the construction of the cell site at 2041 Larkin Street, it will hurt productivity and quality of life for San Francisco, impacting both local communities and

businesses. I hope you will support improving wireless coverage in San Francisco and approve the new site.

Sincerely,

Michael Anderson 679 Pine St #10 679 Pine St #10 San Francisco, CA 94108-3217 ---- Forwarded by Renee Craig/BOS/SFGOV on 11/30/2011 03:26 PM --

Working mobile

Ibunim to: Board.of.Supervisors@sfgov.org 11/30/2011 03:20 PM

November 30, 2011 Clerk of the Board Angela Calvillo City Hall 1 Dr. Carlton B. Goodlett Place, Room 244 San Francisco, CA 94102-4689

Dear Angela Calvillo,

Mobile phones and tablets are the new tools of productivity, but they're only as useful as they are connected. Commuters use their mobile devices for everything from business to connecting with friends and family. But this can be difficult when there are dropped calls or unreliable connections. So I am writing to urge you to support AT&T's efforts to improve wireless infrastructure along the 101/Van Ness corridor, specifically the site located at 2041 Larkin St.

Sincerely,

Lynn B. Bunim 2017 Lyon Street San Francisco, CA 94115-1609

2 Pages Bos 11-Done File # 111183

### Wireless Infrastructure

John Avalos, David Campos, David Board of Supervisors to: Chiu, Carmen Chu, Malia Cohen, Sean Elsbernd, Mark Farrell, Jane Kim, Eric L Sent by: Renee Craig

11/30/2011 01:03 PM

Board of Supervisors 1 Dr. Carlton B. Goodlett Place, Room 244 San Francisco, CA 94102 (415) 554-5184 (415) 554-5163 fax Board.of.Supervisors@sfgov.org

Complete a Board of Supervisors Customer Service Satisfaction form by clicking http://www.sfbos.org/index.aspx?page=104 ----- Forwarded by Renee Craig/BOS/SFGOV on 11/30/2011 01:05 PM -----

I support wireless infrastructure improvements

Sfart to: Board.of.Supervisors@sfgov.org

11/30/2011 12:05 PM

November 30, 2011 Clerk of the Board Angela Calvillo City Hall 1 Dr. Carlton B. Goodlett Place, Room 244 San Francisco, CA 94102-4689

Dear Angela Calvillo,

I'm writing to express my support for the wireless site planned for 2041 Larkin at the Church of the Fellowship. Its location seems ideal for improving wireless coverage in the 101/Van Ness corridor, which is both an important area for commuters as well as for businesses and restaurants along Polk Street and Van Ness.

Sincerely,

ź

Arthur Wehl 355 Buena Vista Ave., East 204w San Francisco, CA 94117-4171 ----- Forwarded by Renee Craig/BOS/SFGOV on 11/30/2011 01:05 PM ---

# Connectivity is Productivity

bevigil to: Board.of.Supervisors@sfgov.org

11/30/2011 12:40 PM

November 30, 2011 Clerk of the Board Angela Calvillo City Hall 1 Dr. Carlton B. Goodlett Place, Room 244 San Francisco, CA 94102-4689

Dear Angela Calvillo,

Residents of San Francisco expect better cell phone coverage to keep pace with the latest developments of the tech sector and stay connected during their daily routine. If the Board of Supervisors decides against the construction of the cell site at 2041 Larkin Street, it will hurt productivity and quality of life for San Francisco, impacting both local communities and businesses. I hope you will support improving wireless coverage in San Francisco and approve the new site.

Sincerely,

Brian Vigil 66 Linda Street San Francisco, CA 94110-1616

C- Pages Bos-11 Done File#111183

Support Wireless Infrastructure

John Avalos, David Campos, David Board of Supervisors to: Chiu, Carmen Chu, Malia Cohen, Sean Elsbernd, Mark Farrell, Jane Kim, Eric L Sent by: Renee Craig

11/30/2011 11:58 AM

Board of Supervisors 1 Dr. Carlton B. Goodlett Place, Room 244 San Francisco, CA 94102 (415) 554-5184 (415) 554-5163 fax Board.of.Supervisors@sfgov.org

Complete a Board of Supervisors Customer Service Satisfaction form by clicking http://www.sfbos.org/index.aspx?page=104 \_\_\_\_\_ Forwarded by Renee Craig/BOS/SFGOV on 11/30/2011 11:59 AM \_\_\_\_\_

I support wireless infrastructure improvements

'jeffreyallenbaer to: Board.of.Supervisors@sfgov.org

11/30/2011 10:27 AM

November 30, 2011 Clerk of the Board Angela Calvillo City Hall 1 Dr. Carlton B. Goodlett Place, Room 244 San Francisco, CA 94102-4689

Dear Angela Calvillo,

I'm writing to express my support for the wireless site planned for 2041 Larkin at the Church of the Fellowship. Its location seems ideal for improving wireless coverage in the 101/Van Ness corridor, which is both an important area for commuters as well as for businesses and restaurants along Polk Street and Van Ness.

Sincerely,

Jeffrey Baer 780 Dartmouth St. San Francisco, CA 94134-1810 ----- Forwarded by Renee Craig/BOS/SFGOV on 11/30/2011 11:59 AM ----

Don't Let San Francisco fall behind in Wireless

youngsam\_sf to: Board.of.Supervisors@sfgov.org

November 30, 2011 Clerk of the Board Angela Calvillo City Hall 1 Dr. Carlton B. Goodlett Place, Room 244 San Francisco, CA 94102-4689

Dear Angela Calvillo,

If San Francisco wants to be a tech leader, then wireless service in San Francisco needs to be able to support new devices and apps. San Franciscans are early adopters of new mobile technologies and expect a strong, reliable wireless network that provides a cornerstone for innovation. By approving the new cell site at 2041 Larkin Street the Board of Supervisors would take a step in the right direction, making sure the city's network doesn't fall behind fast-paced growth in tech.

Sincerely,

Samantha Young 3416 Divisadero Street S F, CA 94123-1908 ----- Forwarded by Renee Craig/BOS/SFGOV on 11/30/2011 11:59 AM -----

I support wireless infrastructure improvements

prahmer to: Board.of.Supervisors@sfgov.org

11/30/2011 10:30 AM

November 30, 2011 Clerk of the Board Angela Calvillo City Hall 1 Dr. Carlton B. Goodlett Place, Room 244 San Francisco, CA 94102-4689

Dear Angela Calvillo,

I'm writing to express my support for the wireless site planned for 2041 Larkin at the Church of the Fellowship. Its location seems ideal for improving wireless coverage in the 101/Van Ness corridor, which is both an important area for commuters as well as for businesses and restaurants along Polk Street and Van Ness.

Sincerely,

Peter Rahmer 1310 Fulton St. Apt 208 San Francisco, CA 94117-5401 ---- Forwarded by Renee Craig/BOS/SFGOV on 11/30/2011 11:59 AM ----

Approve the site that will serve SF commuters and residents alike

vivaschumacher to: Board.of.Supervisors@sfgov.org

11/30/2011 10:31 AM

November 30, 2011 Clerk of the Board Angela Calvillo City Hall 1 Dr. Carlton B. Goodlett Place, Room 244 San Francisco, CA 94102-4689

Dear Angela Calvillo,

The new cell site at 2041 Larkin Street would serve a major commuting corridor and provide better service to residents in neighborhoods off of Van Ness. More reliable coverage will support residents and commuters who stay connected at home and on the go. In the interest of our economic well-being, I hope you will approve the new cell site.

Sincerely,

Scott Shadiow 861 Sutter St. APT 209 San Francisco, CA 94109-6146 ----- Forwarded by Renee Craig/BOS/SFGOV on 11/30/2011 11:59 AM -----

Improving cell coverage is good for the local economy

plbocci to: Board.of.Supervisors@sfgov.org

11/30/2011 10:33 AM

November 30, 2011 Clerk of the Board Angela Calvillo City Hall 1 Dr. Carlton B. Goodlett Place, Room 244 San Francisco, CA 94102-4689 Dear Angela Calvillo,

Patrons of Polk Street restaurants, shops, and other businesses are big users of the mobile web. Customers use mobile apps to get directions, make reservations, or do research. But it's annoying and inconvenient for both businesses and their patrons when signals fade and calls get disconnected. Therefore, I urge you to approve the cell site at 2041 Larkin that will improve wireless coverage for Russian Hill and the Van Ness/101 area.

Sincerely,

Pamela Bocci 1249 16th Ave #5 Apt #5 San Francisco, CA 94122-2046 ---- Forwarded by Renee Craig/BOS/SFGOV on 11/30/2011 11:59 AM ----

Connectivity is Productivity

operaryans to: Board.of.Supervisors@sfgov.org

11/30/2011 10:34 AM

November 30, 2011 Clerk of the Board Angela Calvillo City Hall 1 Dr. Carlton B. Goodlett Place, Room 244 San Francisco, CA 94102-4689

Dear Angela Calvillo,

Residents of San Francisco expect better cell phone coverage to keep pace with the latest developments of the tech sector and stay connected during their daily routine. If the Board of Supervisors decides against the construction of the cell site at 2041 Larkin Street, it will hurt productivity and quality of life for San Francisco, impacting both local communities and businesses. I hope you will support improving wireless coverage in San Francisco and approve the new site.

Sincerely,

Bob Ryan 1168-C Eddy Street San Francisco, CA 94109-7632 — Forwarded by Renee Craig/BOS/SFGOV on 11/30/2011 11:59 AM —

Connectivity is Productivity

david.horton to: Board.of.Supervisors@sfgov.org

11/30/2011 10:39 AM

November 30, 2011 Clerk of the Board Angela Calvillo City Hall 1 Dr. Carlton B. Goodlett Place, Room 244 San Francisco, CA 94102-4689

# Dear Angela Calvillo,

Residents of San Francisco expect better cell phone coverage to keep pace with the latest developments of the tech sector and stay connected during their daily routine. If the Board of Supervisors decides against the construction of the cell site at 2041 Larkin Street, it will hurt productivity and quality of life for San Francisco, impacting both local communities and businesses. I hope you will support improving wireless coverage in San Francisco and approve the new site.

We need more ATT cell towers in North Central SF. Thanks for your consideration!

· Sincerely,

David Horton 2139 North Point St San Francisco, CA 94123-1412 ---- Forwarded by Renee Craig/BOS/SFGOV on 11/30/2011 11:59 AM -----

Improving cell coverage is good for the local economy

dczell to: Board.of.Supervisors@sfgov.org

11/30/2011 10:45 AM

November 30, 2011 Clerk of the Board Angela Calvillo City Hall 1 Dr. Carlton B. Goodlett Place, Room 244 San Francisco, CA 94102-4689

Dear Angela Calvillo,

Patrons of Polk Street restaurants, shops, and other businesses are big users of the mobile web. Customers use mobile apps to get directions, make reservations, or do research. But it's annoying and inconvenient for both businesses and their patrons when signals fade and calls get disconnected. Therefore, I urge you to approve the cell site at 2041 Larkin that will improve wireless coverage for Russian Hill and the Van Ness/101 area.

Sincerely,

Deborah Zell 11 Coleridge St San Francisco, CA 94110-5110 ----- Forwarded by Renee Craig/BOS/SFGOV on 11/30/2011 11:59 AM -----

Connectivity is Productivity

silvia.sandoval to: Board.of.Supervisors@sfgov.org

11/30/2011 10:46 AM

November 30, 2011 Clerk of the Board Angela Calvillo City Hall 1 Dr. Carlton B. Goodlett Place, Room 244 San Francisco, CA 94102-4689

Dear Angela Calvillo,

Residents of San Francisco expect better cell phone coverage to keep pace with the latest developments of the tech sector and stay connected during their daily routine. If the Board of Supervisors decides against the construction of the cell site at 2041 Larkin Street, it will hurt productivity and quality of life for San Francisco, impacting both local communities and businesses. I hope you will support improving wireless coverage in San Francisco and approve the new site.

Sincerely,

Silvia Sandoval 1390 Mission Street Apt 1214 San Francisco, CA 94103-2668

C Pages BOS-11-Doner File#111183



Fw: Don't Let San Francisco fall behind in Wireless John Avalos, David Campos, David Board of Supervisors to: Chiu, Carmen Chu, Malia Cohen, Sean Elsbernd, Mark Farrell, Jane Kim, Eric L Sent by: Renee Craig

11/30/2011 11:56 AM

Board of Supervisors 1 Dr. Carlton B. Goodlett Place, Room 244 San Francisco, CA 94102 (415) 554-5184 (415) 554-5163 fax Board.of.Supervisors@sfgov.org

Complete a Board of Supervisors Customer Service Satisfaction form by clicking http://www.sfbos.org/index.aspx?page=104 ----- Forwarded by Renee Craig/BOS/SFGOV on 11/30/2011 11:58 AM -----

Don't Let San Francisco fall behind in Wireless

lacharona to: Board.of.Supervisors@sfgov.org

11/30/2011 10:58 AM

November 30, 2011 Clerk of the Board Angela Calvillo City Hall 1 Dr. Carlton B. Goodlett Place, Room 244 San Francisco, CA 94102-4689

Dear Angela Calvillo,

If San Francisco wants to be a tech leader, then wireless service in San Francisco needs to be able to support new devices and apps. San Franciscans are early adopters of new mobile technologies and expect a strong, reliable wireless network that provides a cornerstone for innovation. By approving the new cell site at 2041 Larkin Street the Board of Supervisors would take a step in the right direction, making sure the city's network doesn't fall behind fast-paced growth in tech.

Sincerely

Sharon McGill 1477 Kansas St San Francisco, CA 94107-3243

BOS-11- Dover Chages . File# 1111 82



Fw: I expect wireless to work in SF, so please support new cell sites John Avalos, David Campos, David Board of Supervisors to: Chiu, Carmen Chu, Malia Cohen, Sean Elsbernd, Mark Farrell, Jane Kim, Eric L Sent by: Renee Craig

11/30/2011 11:55 AM

Board of Supervisors 1 Dr. Carlton B. Goodlett Place, Room 244 San Francisco, CA 94102 (415) 554-5184 (415) 554-5163 fax Board.of.Supervisors@sfgov.org

Complete a Board of Supervisors Customer Service Satisfaction form by clicking http://www.sfbos.org/index.aspx?page=104 \_\_\_\_\_ Forwarded by Renee Craig/BOS/SFGOV on 11/30/2011 11:57 AM -----

I expect wireless to work in SF, so please support new cell sites

jballou to: Board.of.Supervisors@sfgov.org

11/30/2011 11:27 AM

November 30, 2011 Clerk of the Board Angela Calvillo City Hall 1 Dr. Carlton B. Goodlett Place, Room 244 San Francisco, CA 94102-4689

Dear Angela Calvillo,

As San Francisco prides itself on being a technological hub, San Franciscans have come to love and rely on wireless devices. Whether using a smartphone, laptop or tablet, high-speed, real-time interaction has quickly become the standard. Wireless service in the city, however, is too often hindered by signal drop offs and slowdowns that hinder the potential of today's devices. I think anything that can improve my current mobile experience is common sense, and in that spirit, I hope you will support the site at 2041 Larkin Street.

Sincerely,

Jarrod Ballou 770 Oak St. Apt 8 San Francisco, CA 94117-2546

C Pages BOS-11-Doner File# 111183



Fw: Approve the site that will serve SF commuters and residents alike<br/>John Avalos, David Campos, DavidBoard of Supervisors to: Chiu, Carmen Chu, Malia Cohen, Sean<br/>Elsbernd, Mark Farrell, Jane Kim, Eric L11/30/2011 11:55 AMSent by: Renee Craig11/30/2011 11:55 AM

Board of Supervisors 1 Dr. Carlton B. Goodlett Place, Room 244 San Francisco, CA 94102 (415) 554-5184 (415) 554-5163 fax Board of Supervisors@sfgov.org

Complete a Board of Supervisors Customer Service Satisfaction form by clicking http://www.sfbos.org/index.aspx?page=104 ----- Forwarded by Renee Craig/BOS/SFGOV on 11/30/2011 11:57 AM -----

Approve the site that will serve SF commuters and residents alike

amit\_narayanan to: Board.of.Supervisors@sfgov.org

11/30/2011 11:23 AM

November 30, 2011 Clerk of the Board Angela Calvillo City Hall 1 Dr. Carlton B. Goodlett Place, Room 244 San Francisco, CA 94102-4689

Dear Angela Calvillo,

The new cell site at 2041 Larkin Street would serve a major commuting corridor and provide better service to residents in neighborhoods off of Van Ness.

AT&T's current wireless service (and customer service) is abysmal. And given that there is no competition in the wireless oligopoly, the alternatives to AT&T are just as bad if not worse.

In the interest of proper wireless connectivity, I want to see this cell site approved.

Sincerely,

Amit Narayanan 155 Haight St, 201 San Francisco, CA 94102-5734

C-Pages BOSH-Done File#111183



# Fw: Connectivity is Productivity

John Avalos, David Campos, David Board of Supervisors to: Chiu, Carmen Chu, Malia Cohen, Sean Elsbernd, Mark Farrell, Jane Kim, Eric L Sent by: Renee Craig

11/30/2011 11:55 AM

Board of Supervisors 1 Dr. Carlton B. Goodlett Place, Room 244 San Francisco, CA 94102 (415) 554-5184 (415) 554-5163 fax Board.of.Supervisors@sfgov.org

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Connectivity is Productivity

thomaspettersson to: Board.of.Supervisors@sfgov.org

11/30/2011 10:59 AM

November 30, 2011 Clerk of the Board Angela Calvillo City Hall 1 Dr. Carlton B. Goodlett Place, Room 244 San Francisco, CA 94102-4689

Dear Angela Calvillo,

Residents of San Francisco expect better cell phone coverage to keep pace with the latest developments of the tech sector and stay connected during their daily routine. If the Board of Supervisors decides against the construction of the cell site at 2041 Larkin Street, it will hurt productivity and quality of life for San Francisco, impacting both local communities and businesses. I hope you will support improving wireless coverage in San Francisco and approve the new site.

Sincerely,

Thomas Pettersson 30 Temescal Terrace San Francisco, CA 94118-4325

C Pages BOS 11-Dener File # 111/83

·.	

Fw: I expect wireless to work in SF, so please support new cell sites<br/>John Avalos, David Campos, DavidBoard of Supervisors to: Chiu, Carmen Chu, Malia Cohen, Sean<br/>Elsbernd, Mark Farrell, Jane Kim, Eric L11/30/2011 11:55 AM<br/>Elsbernd, Mark Farrell, Jane Kim, Eric L

Board of Supervisors 1 Dr. Carlton B. Goodlett Place, Room 244 San Francisco, CA 94102 (415) 554-5184 (415) 554-5163 fax Board.of.Supervisors@sfgov.org

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dick to: Board.of.Supervisors@sfgov.org

11/30/2011 10:59 AM

November 30, 2011 Clerk of the Board Angela Calvillo City Hall 1 Dr. Carlton B. Goodlett Place, Room 244 San Francisco, CA 94102-4689

Dear Angela Calvillo,

As San Francisco prides itself on being a technological hub, San Franciscans have come to love and rely on wireless devices. Whether using a smartphone, laptop or tablet, high-speed, real-time interaction has quickly become the standard. Wireless service in the city, however, is too often hindered by signal drop offs and slowdowns that hinder the potential of today's devices. I think anything that can improve my current mobile experience is common sense, and in that spirit, I hope you will support the site at 2041 Larkin Street.

Sincerely,

DIck Hardt 735 Clementina St San Francisco, CA 94103-3812

Bas H-Daner Chages File #-1111 B2



Fw: I expect wireless to work in SF, so please support new cell sites John Avalos, David Campos, David Board of Supervisors to: Chiu, Carmen Chu, Malia Cohen, Sean Elsbernd, Mark Farrell, Jane Kim, Eric L Sent by: Renee Craig

11/30/2011 11:54 AM

Board of Supervisors 1 Dr. Carlton B. Goodlett Place, Room 244 San Francisco, CA 94102 (415) 554-5184 (415) 554-5163 fax Board.of.Supervisors@sfgov.org

Complete a Board of Supervisors Customer Service Satisfaction form by clicking http://www.sfbos.org/index.aspx?page=104 ----- Forwarded by Renee Craig/BOS/SFGOV on 11/30/2011 11:57 AM -----

I expect wireless to work in SF, so please support new cell sites

maidelba to: Board.of.Supervisors@sfgov.org

11/30/2011 11:28 AM

November 30, 2011 Clerk of the Board Angela Calvillo City Hall 1 Dr. Carlton B. Goodlett Place, Room 244 San Francisco, CA 94102-4689

Dear Angela Calvillo,

As San Francisco prides itself on being a technological hub, San Franciscans have come to love and rely on wireless devices. Whether using a smartphone, laptop or tablet, high-speed, real-time interaction has quickly become the standard. Wireless service in the city, however, is too often hindered by signal drop offs and slowdowns that hinder the potential of today's devices. I think anything that can improve my current mobile experience is common sense, and in that spirit, I hope you will support the site at 2041 Larkin Street.

Sincerely,

Mitchell Aidelbaum 2412 HARRISON ST APT 202 San Francisco SAN FRANCISCO, CA 94110-2772

C Pages BOS-11-Doner File # 111183



# Fw: Working mobile

John Avalos, David Campos, David Board of Supervisors to: Chiu, Carmen Chu, Malia Cohen, Sean Elsbernd, Mark Farrell, Jane Kim, Eric L

11/30/2011 11:54 AM

Sent by: Renee Craig

**Board of Supervisors** 1 Dr. Carlton B. Goodlett Place, Room 244 San Francisco, CA 94102 (415) 554-5184 (415) 554-5163 fax Board.of.Supervisors@sfgov.org

Complete a Board of Supervisors Customer Service Satisfaction form by clicking http://www.sfbos.org/index.aspx?page=104 ----- Forwarded by Renee Craig/BOS/SFGOV on 11/30/2011 11:56 AM -----

Working mobile

wickland to: Board.of.Supervisors@sfgov.org

11/30/2011 11:38 AM

November 30, 2011 Clerk of the Board Angela Calvillo City Hall 1 Dr. Carlton B. Goodlett Place, Room 244 San Francisco, CA 94102-4689

Dear Angela Calvillo,

Mobile phones and tablets are the new tools of productivity, but they're only as useful as they are connected. Commuters use their mobile devices for everything from business to connecting with friends and family. But this can be difficult when there are dropped calls or unreliable connections. So I am writing to urge you to support AT&T's efforts to improve wireless infrastructure along the 101/Van Ness corridor, specifically the site located at 2041 Larkin St.

Sincerely,

Timothy Wickland 1299 Bush St #601 San Francisco, CA 94109-5795

C Pages BOS- 11-Dec File # 111/83



Fw: I expect wireless to work in SF, so please support new cell sitesJohn Avalos, David Campos, DavidBoard of Supervisors to: Chiu, Carmen Chu, Malia Cohen, SeanElsbernd, Mark Farrell, Jane Kim, Eric LSent by: Renee Craig

11/30/2011 11:54 AM

Board of Supervisors 1 Dr. Carlton B. Goodlett Place, Room 244 San Francisco, CA 94102 (415) 554-5184 (415) 554-5163 fax Board.of.Supervisors@sfgov.org

Complete a Board of Supervisors Customer Service Satisfaction form by clicking http://www.sfbos.org/index.aspx?page=104 ----- Forwarded by Renee Craig/BOS/SFGOV on 11/30/2011 11:56 AM -----

I expect wireless to work in SF, so please support new cell sites

mmdillo to: Board.of.Supervisors@sfgov.org

11/30/2011 11:46 AM

November 30, 2011 Clerk of the Board Angela Calvillo City Hall 1 Dr. Carlton B. Goodlett Place, Room 244 San Francisco, CA 94102-4689

Dear Angela Calvillo,

As San Francisco prides itself on being a technological hub, San Franciscans have come to love and rely on wireless devices. Whether using a smartphone, laptop or tablet, high-speed, real-time interaction has quickly become the standard. Wireless service in the city, however, is too often hindered by signal drop offs and slowdowns that hinder the potential of today's devices. I think anything that can improve my current mobile experience is common sense, and in that spirit, I hope you will support the site at 2041 Larkin Street.

Sincerely,

Margaret Dillon 2111 44th Ave San Francisco, CA 94116-1532

(' Pages Bos 11- Done File # 111183

|--|

Fw: I support wireless infrastructure improvements John Avalos, David Campos, David Board of Supervisors to: Chiu, Carmen Chu, Malia Cohen, Sean Elsbernd, Mark Farrell, Jane Kim, Eric L Sent by: Renee Craig

11/30/2011 10:36 AM

Board of Supervisors 1 Dr. Carlton B. Goodlett Place, Room 244 San Francisco, CA 94102 (415) 554-5184 (415) 554-5163 fax Board.of.Supervisors@sfgov.org

Complete a Board of Supervisors Customer Service Satisfaction form by clicking http://www.sfbos.org/index.aspx?page=104 \_\_\_\_\_ Forwarded by Renee Craig/BOS/SFGOV on 11/30/2011 10:37 AM \_\_\_\_\_

I support wireless infrastructure improvements

jeffreyallenbaer to: Board.of.Supervisors@sfgov.org

11/30/2011 10:27 AM

November 30, 2011 Clerk of the Board Angela Calvillo City Hall 1 Dr. Carlton B. Goodlett Place, Room 244 San Francisco, CA 94102-4689

Dear Angela Calvillo,

I'm writing to express my support for the wireless site planned for 2041 Larkin at the Church of the Fellowship. Its location seems ideal for improving wireless coverage in the 101/Van Ness corridor, which is both an important area for commuters as well as for businesses and restaurants along Polk Street and Van Ness.

Sincerely,

Jeffrey Baer 780 Dartmouth St. San Francisco, CA 94134-1810

# **Russian Hill Community Association**

1134 Green St. San Francisco, CA 94109 415-776-2014 rhcasf.com

November 28, 2011

Ms. Angela Calvillo Clerk of the Board of Supervisors City & County of San Francisco City Hall 1 Dr. Carlton B. Goodlett Place, Room 244 San Francisco, CA 94102-4689



Re: File #111183 Case #: 2010.1083C - 2041 Larkin (Cell Tower)

Dear Ms. Cavillo:

The Russian Hill Community Association 2041 Larkin (Cell Tower) Project Team submits today one copy of its appeal documents for the above referenced file. Under separate cover, we will submit electronic copies of all documents.

Thank you for your cooperation and assistance.

Sincerely,

Laura Albert Co-Chair 2041 Larkin Project Team

# **Russian Hill Community Association**

1134 Green St. San Francisco, CA 94109 415-776-2014 rhcasf.com

# Appeal of Conditional Use for AT&T Wireless System at 2041 Larking Street File # 111183 Planning Case #: 2010.1083C -

# **INTRODUCTION & SUMMARY:**

The Russian Hill Community Association (RHCA) is appealing the Planning Commission's approval of AT&T Mobility's application for Conditional Use Authorization to install a macrocellular wireless communication service (WTS) facility in the steeple and internal room of the church located at 2041 Larkin Street.

Pursuant to Planning Code Section 303, "A Conditional Use is a use that is not principally permitted in a particular Zoning District. Conditional Uses require a Planning Commission hearing in order to determine if the proposed use is <u>necessary or desirable for, and compatible with, the neighborhood and whether it may potentially have a negative impact on the surrounding neighborhood</u>, and whether the use complies with the San Francisco General Plan." (emphasis added)

The Planning Commission approved AT&T's Conditional Use application on September 22, 2011. It is that decision that is the subject of this appeal.

## Neither necessary, nor desirable, nor compatible.

Both AT&T and the Planning Commission have chosen to attack a strawman by alleging that the RHCA appeal is based on health concerns; that is *not* true. It might be easier to dispose of the neighbors' concerns in such an instance, because federal regulation precludes such an attack – but that is not the basis of the RHCA appeal. Nor is the RHCA appeal based on aesthetics.

The appeal is based on the fact that AT&T has not demonstrated that the proposed installation is either necessary or desirable for or is the compatible with the community.

# Siting: Preference 1 structure in Preference 7 area

It is worth noting is that a structure exists to evaluate the siting of such antennae, which ranks various preference categories as 1 to 7 (with 1 being the most desirable and 7 being the least). Residential neighborhoods are, for good reason, a Preference Category 7 location. However, AT&T has found a loophole in the system. It merely selects a "public" building, such as a church in this instance, and claims a Preference Category 1, even though the surrounding buildings are 100% residential, and the equipment will be located less than 15 feet from residential properties on all sides.<sup>1</sup>

The flaw inherent in such a tortured view of the system is best demonstrated by the fact that under applicable regulations AT&T is required to post signs indicating that occasional exposure to workmen within 23 feet may be

Certainly, this was not the intended purpose of the siting system. Equally, it is clear that this interpretation does not comply with the intent of the siting preference system. How can an installation go from the least favored site (a category 7) to the most favored site (a category 1) simply by being placed in an outlier building in a residential community? Further, does this make sense when one and a half blocks away, at 2242 Polk Street, a new cell tower has been proposed by AT&T for a true commercial neighborhood? (Exhibit E)

The Planning Commission refused to even consider this perversion of the siting preference system or the proposed Polk Street tower, simply saying that such site had not yet been built.

# The Burden of Proof is on AT&T and it was not met.

The Planning Commissioners abrogated their role in reviewing this application by not holding AT&T to its burden of proof. This was hardly surprising, since two of the Commissioners explicitly stated that they did not understand why they should have to deal with these issues at all; that these were really issues that should be dealt with by the federal government – even though the ones most impacted by the determination are the residents of our neighborhood.

In connection with its application for a Conditional Use Permit, it was AT&T's obligation to prove that the new facility is either necessary or desirable, and is not against the community interest. AT&T did none of these, but the Planning Commission again abdicated their responsibility – merely indicating that they felt it was necessary to rely on AT&T's own self-serving statements to determine the necessity for the new tower.

Contrary to the maps submitted to the Planning Commission, which purported to show coverage gaps throughout the neighborhood at all times, AT&T's own marketing materials, posted on their web site, shows that this area has "excellent" service for both cellular voice and data. Further, a neighborhood survey conducted by residents and presented to the Planning Commission showed that virtually every location within the site at issue had 4 or 5 bars of service.<sup>12</sup>

#### No independent verification

Of greater importance, there is no way to independently test or verify AT&T's findings, because AT&T does not release the detailed metrics of its testing. One does not know what number of calls were dropped, at what point of the day, in what location. One does not know what AT&T is alleging concerning the ability of a data user to establish a connection, or the speed of the connection vs. rated speed, or lost connections.<sup>3</sup> In short, all that AT&T says is, 'Trust us." There is

Page 2 of 9

hazardous, but has no qualms about locating this equipment on a permanent basis two-thirds of that distance from fulltime residents.

Again, as a further example of AT&T's willingness to say one thing to the Planning Commission and something else in their marketing, it should be noted that while AT&T continues to promote the quality of their service as providing "more bars, in more places," before the Planning Commission their represented disavowed such ratings as passé and no longer having any meaning.

The importance of such underlying details is perhaps best illustrated by an article written by an AT&T senior executive, in which he notes that "speed" of a connection is an amorphous concept that needs definition in order to be properly evaluated. In that article, AT&T points out that there are several different ways of measuring speed on a wireless connection.

no opportunity to examine their engineers as to such data, and the Planning Commission has neither the staff nor the inclination to challenge those conclusions. In fact, one of the Commissioners dismissed this issue by simply noting that there would be greater demand in the future and, presumably, as a result, the current indicia of necessity were irrelevant.

AT&T also made no adjustment to reflect other towers already in process, in more desirable areas, which would supplement existing capacity and therefore can render the instant tower unnecessary. Again, the attitude of the Commissioners were most telling, as one dismissed that fact by simply pointing out that the tower had not yet been built – totally ignoring the effect that it would have once it was built.

The simple fact is that the burden is on AT&T to prove its case. The Russian Hill neighborhood has neither the resources nor the access to ascertain independently or prove the obverse – that is why it is AT&T's burden. Yet AT&T was permitted to evade that burden by not being required to adduce underlying information and methodologies that could be tested, simply because the Planning Commission did not feel that it was their duty to undertake such an evaluation. California communities such as Berkeley, Belmont, Corte Madera and others engage independent experts to review similar proposals. San Francisco does not.

AT&T did not meet that burden and it would speak volumes on behalf of the residents of San Francisco for this Board to make it clear that they must do so before simply imposing their will on the neighborhoods of this City.

#### Not Compatible with Neighborhood

Further, in evaluating whether to grant the Conditional Use Permit, AT&T had the obligation of demonstrating that it was not contrary to the interests of the neighborhood. Three hundred and forty individuals residing, working or using playgrounds within 500 feet of the proposed installation signed a petition asking for the permit to be denied. 70.4% of the residences in that 300-ft. zone had at least one signature on the Petition. Yet AT&T did nothing – other than hold a pro forma public-outreach meeting that was a complete and total mockery of the statutory requirement. It has yet to do anything to ameliorate the neighborhood's concerns.

#### Structural Integrity and Safety Questioned

Finally, regardless of anything else, the Russian Hill Community Association strongly request that the Building Department be directed to evaluate the structural integrity of the centuryold wooden structure, instead of relying on AT&T's self-serving engineering reports. The structural integrity of the building is questionable. There is a long history of permits requested, but work not completed. (Exhibit D) Relying on AT&T's engineers to judge the structural adequacy is insufficient, given the building's obvious condition. <sup>4</sup>

<sup>4</sup> RHCA did request an opportunity to have its own structural engineers examine the Church, but that request was simply ignored. (Exhibit F)

Also to be evaluated is the safety of housing flammable materials in a structure which is vacant for all but four hours a week for church services.

From our understanding of DBI's position in these situations, the City will not necessarily do a review of the building prior to 2,000 pounds of wireless equipment being installed in the steeple and second floor. Since this is a 97% residential neighborhood with heavy jogger, commuter, and day-care pedestrian traffic, and with Helen Willis Park less than a block away from the structure, ensuring the safety and security of the structure is paramount. The church is occupied approximately four hours a week for services; it is vacant the remainder of the time. With no on-site monitors, the risk of disaster with San Francisco's earthquake tremors needs to be addressed.

#### Request to Deny Conditional Use

For the reasons summarized above and the detail provided below, the Russian Hill Community Association requests that the San Francisco Board of Supervisors find that AT&T Mobility has not met its burden of proof to demonstrate that the proposed WTS facility is necessary or desirable or compatible with the neighborhood and deny the Conditional Use application.

## <u>OVERVIEW</u>

The August 15, 1996 WTS Guidelines states "Based on anticipated sales of these licenses, San Francisco can reasonably anticipate about eight providers of cell phone and PCS services. Based on information currently available to the Department, each provider can be expected to require approximately 40 to 45 cell sites (individual antennae locations) throughout the City. As such, San Francisco can reasonably expect about 175 additional applications for the installations of mobile telephone facilities. Based on the anticipated numbers of applications by six providers, San Francisco can expect around 360 cell sites over the next 10 years."

Today, "Major carriers already have at least 3,325 wireless antennas in San Francisco...some 294 new cell sites are planned for the city over the next five years (MissionLocal 9/14/11)

The San Francisco Planning Department has not developed a wireless communication strategy nor plan despite requests from the San Francisco Planning Commission and the Board of Supervisors. (Exhibits A & B) California communities such as Berkeley, Belmont, Corte Madera and others engage independent experts to review similar proposals. San Francisco does not. Given the exponential growth of WTS proposals, a review of the benefits of a revised/updated WTS strategy by the Planning Department which addresses the inconsistencies and omissions of the current protocol is desirable.

# **DETAILS & SUPPORTING STATEMENTS**

APPEAL TO BOARD OF SUPERVISORS – RATIONALE: As an applicant for this conditional-use permit, AT&T has the burden of proof to demonstrate that this proposed antenna is necessary or desirable for or not incompatible with the neighborhood. ATT has failed to

**meet this burden of proof.** The Russian Hill Community Association and the surrounding neighborhood ask the Board of Supervisors to deny AT&T's application for Conditional Use because AT&T has failed to prove or demonstrate that the proposed project is necessary or desirable and is compatible with the neighborhood. This appeal is not based on health issues. Nor is it based on aesthetic issues.

This appeal is based on the fact that the proposed project is neither necessary nor desirable in the neighborhood, is not compatible with the neighborhood and will have a negative impact on the surrounding neighborhood.

THE PROPOSED PROJECT IS NOT NECESSARY. AT&T has failed to meet the burden of proof that the proposed project is necessary. The proposal lacks any independent objective review of necessity, does not appear consistent with AT&T's own 5-year plan, and appears as just an opportunistic way for AT&T to proliferate its cell sites without regard for the neighborhood well being or the desires of its residents.

- No independent verification: Service coverage gaps are determined by AT&T's in-house staff and reviewed by AT&T's paid consultants. AT&T sets its service standards. The Planning Department does not have resources to perform any in-depth review of the data presented and relies on AT&T's assessment which is accepted without independent, third party review. California communities such as Berkeley, Belmont, Corte Madera and others engage their own independent experts. San Francisco does not.
- 2) No mention of need or coverage gap in area in AT&T's five year plan of October, 2011. AT&T's five year plan updated in October, 2011 makes no mention of a need for additional coverage in the area within 500' of 2041 Larkin. This omission points to the speculative nature of the conditional use request. There was a church steeple in the area and AT&T took advantage of the opportunity, perhaps as a preemptive strike before other providers tied up the site.
- 3) AT&T failed to prove their claimed "coverage gap" for the area. AT&T's "coverage gap" claim lacks supporting raw data to permit independent verification of AT&T's claims and appears to be no more than a marketing claim aimed at the Planning Commission contradicting their marketing claims for same area aimed at their customers and prospects.
- 4) No presentation of true solution: AT&T's Report actually makes a case that the design of AT&T's own wireless network in San Francisco is causing the problems it discusses. Instead of identifying the sources of interference to its network and abating them, AT&T is proposing to compound the problem by adding yet another base station and potential source of interference instead of actively managing its network.
- 5) **Proliferation as Strategy**: The excuse/explanation that "Due to the steep topography and built environment of the Russian Hill neighborhood unique coverage issues arise because the hills and buildings break-up coverage causing wireless carriers to install smaller and more frequent WTS sites that would be typically found in an area that features flatter typography and more

regular built environment." is contradicted by AT&T's much promoted technological capabilities. And its marketing materials touting excellent coverage. This strategy then is one of proliferation of sites.

- 6) Another proposed site in area: AT&T has submitted a Conditional Use request for 2242 Polk Street – one and a half blocks from the proposed site. (Exhibit E)This is in a primarily commercial district. Submission of multiple requests within a contained geographic area raises questions about AT&T's planning process and the necessity of this particular proposed site at 2041 Larkin.
- 7) No serious effort to identify alternatives. AT&T defined its service coverage gap to meet the availability of the proposed site. The extent of AT&T's efforts to identify alternative sites were limited to two with one being contacted via two voicemails and a letter and the other with a voicemail and one in-person visit. This was the extent of investigation of alternative sites per AT&T's statement. AT&T provided no meaningful data to demonstrate that the proposed location is preferable to alternatives, including upgrading one or all of their 3 existing microsites in the immediate area. Of equal importance, there is no indication that AT&T considered the alternative of reconfiguring or supplementing one or more of its existing sites, rather than impose a totally new site on the Russian Hill neighborhood.
- 8) Emergency Service Alternatives Available: San Francisco's Emergency Response Plan (ESF #2- Communication Annex) details 8 communication capabilities for an emergency or disaster. The directive notes "Cellular services in general are prone to disruptions due to user overload, system failures at times of disasters, emergencies and large public events and therefore may not typically be fully reliable/dependable at such time."

THE PROPOSED SITE IS NOT DESIRABLE: AT&T has failed to meet its burden of proof that the proposed antenna placement is desirable for the neighborhood. AT&T has exploited a loophole in the WTS guidelines inserted at the behest of the wireless industry lobby – a loophole that bypasses the WTS original intent to preventing placements of such commercial installations in the midst of purely residential areas. The proposed site raises questions of structural integrity and safety.

- 1) *"The proposed project is located in the Russian Hill neighborhood* of San Francisco. The immediate area surrounding the project site is characterized by three to four story residential buildings that contain apartments or two to three flats." (Planning Department Executive Summary.)
- 2) **97% Residential area**: Of the 67 structures totally within a 300' radius of the proposed site, 65 are solely residential. (97%). This is a Category 7 area.
- 3) *Exploiting a Loophole:* The San Francisco Planning Commission's August 15, 1996 Wireless Telecommunications Services (WTS) Guidelines contains a specific loophole added at the behest of the telecommunications industry that makes a mockery of the Guidelines' protection of residential areas, i.e., "7. Disfavored Sites: Buildings located in the following zoning districts

Page 6 of 9

are disfavored sites: RH-1, RH-1 (D), RH-2, RH-3, RM-1, RM-2, RM-3, RC-1 and RC-2. The Planning Commission will not approve applications for such sites... provided, however, that facilities placed on publicly-used structures, as defined in Paragraph 1 ... in these zoning districts shall not be disfavored sites and may be approved for a WTS installation by the Planning Commission." It strains credibility that the intent of this latter sentence was to permit such a single, stand-alone structure to be utilized to place such equipment within 15' of the bedrooms of neighborhood residents.

- 4) The Church is vacant but for four hours a week on Sundays. Section 7 of the WTS Guidelines dealing with Health and Safety states "HS4 The Applicant should insure that the WTS facilities are sited in such a way as to comply with any FCC-adopted safety standards governing controlled and uncontrolled access to the facility. Facilities should have barriers to prevent unauthorized access ." Security is a concern of the neighbors currently and that concern and the potential for difficulties will only increase with the installation of commercial grade equipment in a structure with minimal security.
- 5) *Middlemen benefit at the expense of the neighborhood.* In a May 27, 1996 *New York Times* article, the reporter notes "The race is on for the high ground: buildings, trees, water towers, church steeples, any place with a clear view and a sturdy spot to anchor an antenna... The new demand for antennas, however, coincides with a chorus of complaints by groups rebelling against the proliferating towers. battles promise to be nothing but profitable for a small but growing industry of companies...which serves as a middleman between antenna-hungry communications giants and antenna-phobic localities."
- 6) *Middlemen match church to telecommunication giants.* In a September 25, 2011 article, the *San Francisco Examiner* reports "In recent years, several cities, including San Francisco, have debated putting antennas on church property. The popularity of steeples stems partly from municipal zoning ordinances that require cellphone towers to be some distance from homes. Money also is a factor. 'The nonprofits are the ones who are most open because, as you can imagine, they can use the revenue.'... In the case of churches, it has given rise to a new industry. SteepleCom, a company that brings telecommunications companies and churches together, says it has negotiated 800 antenna sites. 'We can get you sites where no one else can get them," the company claims. "We have been able to cut through much red tape due to the simple fact that **if the mayor is in the choir, zoning is never a problem.'"** (emphasis added)
- 7) The structural integrity of the Church is a question and its ability to contain 2,000 lbs of equipment particularly given San Francisco's tremors. Neighbors' experiences with transients in the doorways of the church when it is unoccupied during the week translate in to concerns about building security with the electronic and complex wireless systems in place. The current maintenance history of the building and its structural soundness adds to concerns about safety. (Exhibit C)
- 8) *The Church is unable to maintain a safe secure, structure*. There is a history of building permits applied for and work not completed. (Exhibit D

THE PROPOSED SITE IS NOT COMPATIBLE WITH THE NEIGHBORHOOD AND MAY, IN FACT, HAVE A NEGATIVE IMPACT ON THE NEIGHBORHOOD. AT&T has failed to meet its burden of proof to demonstrate that the proposed antenna placement in compatible with the (residential nature) of the neighborhood. In fact, there is overwhelming neighborhood opposition to this proposed commercial installation. How can such placement take place when the neighborhood whose need this installation is proposing server overwhelmingly rejects the need for this installation and finds it harmful to the neighborhood?

- 1) The proposed project is a commercial installation in an area that is 97% residential.
- 2) **AT&T** is exploiting an obvious loophole in the City's WTS Guidelines, which were originally intended to protect purely residential neighborhoods from commercial installations, however they are camouflaged.
- 3) The proposed installation is a commercial installation which raises safety concerns
  - a) The Lead Acid Batteries used in AT&T's base stations have met requirements for exception as hazardous material classification. However, the internal material "...may be hazardous to your health" in case of extreme heat or fire. (North Star Battery Company Fact Sheet). Fires during routine maintenance, while not frequent, are not unusual and would be devastating to the wooden Church structure built in 1907 and the surrounding neighborhood built around the same time.
  - b) Monthly maintenance requirements stipulate that operators must remain 25 feet from direct contact with the base unit while residents are in even closer proximity. The Consulting Engineers' analysis does not address this issue.
- 4) Community opposition: 340 property owners, residents, merchants and playground and daycare users within a 500-ft.Radius of the proposed project have signed a petition stating," We, the undersigned San Francisco residents and property owners strongly urge the Planning Commission to deny the Conditional Use Permit SF 1754 for the installation of a wireless communication facility at 204l Larkin, San Francisco." (Exhibit G1 & G2)
- 5) *The petition signers represent 70.3% of the residences within a 300-ft. radius* of the proposed project and 4.8% of the residences within 500 feet. (Exhibit H)

## IN SUMMARY

The Russian Hill Community Association requests that the Board of Supervisors: 1) Deny this AT&T proposal, because it is not necessary nor desirable for and not compatible with the residential nature of the neighborhood, and because AT&T has failed to meet the

burden of proof to convince otherwise.

2) Instruct AT&T to pursue a more suitable commercial location that would be compatible with such an installation or to upgrade or modify one of its existing or currently pending sites.
#### **EXHIBIT LIST FOLLOWS**

• •

## **EXHIBITS**

App A – Planning Commission 2-17-11 Caption Notes App B – SFEX 5-1-11 App C – Photos of 2041 Larkin App D – Permit History App E – 2242 Polk Site App F – Ltr to Pastor App G1 – Petitions App G2 – Petition Summary App H – Petition Radius Map

Appendix A

RHCA: Case #: 2010.1083C - 2041 Larkin 2041 Larkin Appendix A - Caption Notes. February 17, 2011 Planning Commission Hearing on 1653 Grant/501 Greenwich

Commissioner Moore:

I am not against creating the

coverage and connectivity and all of that.

I am totally in favor for it.

What we said at earlier on, I am repeating.

I am looking for a comprehensive pushed by the city of san francisco to solve this in a manner that does not look at these things in a scattered, one by one way...

the time frame starts today by trying to be comprehensive.

This city can be the leader next to silicon valley.

I do not believe that the city

should be doing an experiment against better knowledge of how to do it.

i repeat the word comprehensively.

Do one thing I it would like to

I am going to vote against this

particular application in front

of us, not because I do not support connectivity and all of

those things available to lot but I am going to not support it

based on my eighth request that we do it differently and get different guidance on how to do it.

Commissioner Miguel:

My problem is that we are being piecemeal

ed to death.

This commission'

s here master plan on educational

institutions, on hospitals, all of the time.

There are times when because we

have them from various numbers of institutions that we are able

to compare the impact that will be coming to the various areas

of the city because of those master plans.

If we had in front of us the master plan of the various

carriers, we could understand

what is happening to the city.

Without that and without a comprehensive plan, I cannot support this.

Commissioner Antonini:

fifth we take a reasonable study to study a comprehensive

solution over a period of time, that is a good idea.

This sends a message to people that we

are maybe not in favor

of electronic indications and other things that people will

look at and make decisions and business decisions based upon our position.

I think we have to take the middle ground, which is to

RHCA: Case #: 2010.1083C - 2041 Larkin 2041 Larkin

Appendix A - Caption Notes. February 17, 2011 Planning Commission Hearing on 1653 Grant/501 Greenwich

approve the reasonable and compliant installations during the time this is being studied.

Commissioner Sugaya:

A long time ago, another one of

these antenna things, I asked for staff to try to work with

the companies to get whatever their master planning efforts

are at this point or were back then, what ever it was.

I cannot believe that the companies do not know where their weaknesses are and where their strengths are and what their next move is going to be

with respect to building antennas or whatever else the next form of technology is going to be.

Commissioner Borden:

I would agree

with commissioner sugaya's comments. It would be great if we could

look at the master plans or the

five-year plans of the cell phone cos.

I sense the frustration among my

colleagues for a master plan.

There is a letter to the mayor's

office, how do we get the master plan in front of us?

i would vote no for a long

period of time if there was a large amount of time in front of us. i can simply say that what I

will do is I will go back and I

will talk to the supervisors. I know that the supervisor chi

u

is very interested in this topic.

I do not know where that is heading.

why do we not in the end to run again back to you in a memo describing what we can and

cannot do describing the information that is available to us. I do not know where that is heading.

why do we not in the end to run again back to you in a memo describing what we can and

cannot do describing the information that is available to us.

Perhaps, if weekend, an initial

scope of what our master -- we

can. an

initial scope of what our master plan might be.

>> we are going to be doing the same thing here for the next six years. Thank you.

>> we are addressing some sort

of comprehensive master plan and

would take some sort of department told collaboration.

There are several different agencies.

We tend to do it with the

anesthetic, the fire department, the clearance around the facilities.

RHCA: Case #: 2010.1083C - 2041 Larkin 2041 Larkin

Appendix A - Caption Notes. February 17, 2011 Planning Commission Hearing on 1653 Grant/501 Greenwich

It would be a larger department will review.

>> we have commented on this earlier.

We are in a very frustrating

position for lack of a better word. We

are very limited in one criteria.

Even though I might want a comprehensive master plan, that is not the tools that the city

is currently providing the west

to confirm or deny this type of project.

- me with to confirm or deny this type of project.

This is very nuanced.

This affirmed and disaffirmed some of the concerns that the public had about this type of abuse. We have been clamoring for this for several years.

I have been here for four or five years and have asked the city to do this.

There is no moratorium on this.

We vote a certain way based on our criteria.

We appeal to the board of

supervisors, they will use a

broader group of criteria to overturn a positions.

It is a ping-pong effort that goes on here. It is really exploiting the public sid

s time and project sponsor's time. It is

not healthy, for lack of a better term.

We are just going around in circles with this.

I hope that we can work with the commission secretary avery to

draft a letter to the land use

chair, whether that means another task force, I do not

know if that will get us anywhere.

He mentioned all of the different groups that have to be

at the table to figure out something that is going to work.

Commissioner Sugaya:

i would like to go on record as supporting everybody's thoughts as far as looking at it more comprehensively and having the

staff take a look around as far

as what iraq -- of best practices might be out there.

They would have some information on what they might be looking at.

Some resolutions would be for the city to talk to the federal government.

in fact, I would rather spend our time looking at what is

possible in the city rather than trying

to lobby the feds at this point.

Maybe some other cities have a more comprehensive way to look at this.

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SUNDAY, MAY 1, 2011 - Sf= OCAL NEW

# lew signal report stirs local wireless war

Cellular networks expanding rapidly in San Francisco

By Kamala Kelkar Examiner Staff Writer

izon's top network in The City, while it takes It takes on average eight seconds to download an MP3 onto an Android phone through Ver-42 seconds with AT&T's, according to a recent "eport,

un in eight hot spots testing four providers After taking the Android out for a trial



the Verizon 4G network was "head ' and shoulders" ahead of the rest, startup website OpenSignalMaps coverage, published its report Wednesday. - Verizon, AT&T, Sprint reported. The site, which charts real-time carrier T-Mobile and

But the report did not detail how the wireless antenna systems that maintain those networks are proliferating, and there are close to 400 antennas awaiting The City's approval for installation. And 725 have Supervisor David Chiu said it's time to ake a step hack and create a general plan for already been built throughout The City.



wireless systems.

"The proposals that are made are not made in the context of an overall citywide plan," Chiu said.

The project could take months and will come at a high cost, but Chiu said The City needs to understand how all the providers connect with each other. An overall management

the most popular ooth can operate /erizon and AT&T Droid are two of cellphones, and Apple's iPhone and Motorola's Competitors: on the nation's top networks,

(aminer.com

Buwo.18

the

say

Cellphone carriers

ernissions in 1996.

5

mobile-device users across the country means progress for businesses, especially timely as

"Progress for the massive majority

America's economy works to expand opportunity for all," T-Mobile spokesman Rod De la

Rosa wrote in an email.

AT&T officials questioned the menits of the In response to the OpenSignalMaps study,

publications still vouch for them as the top startup's tests and said several esteemed

networks are good for consumers and

businesses.

The City cannot deny an antenna based on health concerns, but only due to aesthetics and community effects. The Federal Comand safety guidelines in regards to radiation

look outside your window, see one and think

'Gee, I wonder who benefits from that one?"

munications Commission established health

THE EXAMINER

Company spokesman John Britton said AT&T is investing \$200 million in The City in 2011 alone to maintain customer satisfaction. onds to download an MP3, and it advised The report found that Sprint took 58 sec-T-Mobile users to "switch networks" because orovider: plan could help providers dodge unexpected run-ins with neighborhood groups and help streamline a long, bureaucratic process.

Some residents are wondering whether highspeed Androids are worth all the antennas.

"We've got these things all over the place," said Ray Holland, president of the Planning

Association for the Richmond district. "You

De La Rosa also suid other such studies had shown better test results for T-Mobile. of a "laggy Web-browsing experience."

kkelkar@sfexaminer.com

Appendix B







AppendixD

Edwin Lee, Mayor Barbara A. Garcia MPA. Director of Health

Rajiv Bhatia M. D., Director of Occupational and Environmental Health

# NOTICE OF VIOLATION

Property Owner of Record: CHURCH FOR FELLOWSHIP OF AL 2041 LARKIN ST SAN FRANCISCO CA 94109

Date: July 27, 2011

Block: 0572

Lot: 003

Other Responsible Person(s):

Regarding Site: 2041 Larkin St

The premises owned, controlled, or occupied by you, located at the above address are in violation of the <u>San Francisco Health Code</u>, <u>Article 11</u> and you are directed to make the following corrections:

Remove pigeon droppings in between 2037-2039 Larkin & 2055-2059 Larkin alleyways

Sec. 581 (b) (5) <u>Any matter or material which constitutes</u>, or is contaminated by, animal or human excrement, urine or other biological fluids;

• Eliminate flies and odors.

City and County of San Francisco

DEPARTMENT OF PUBLIC HEALTH

ENVIRONMENTAL HEALTH SECTION

Code Enforcement Program

• Dog waste must be removed at least every other day.

• Remove and dispose of waste, and maintain the following areas clean at all times:

• **Pigeon roosting**, resting and/or nesting on walkways, stairways and window ledges results in the **accumulation of pigeon droppings**, **feathers and mites**, and such conditions constitute a hazard to human health, a source of food for rats, a public nuisance and an unsanitary condition. Clean and maintain your premises in a nuisance-free manner at all times. Specifically:

Post the attached signs regarding feeding pigeons

Sec. 581(b) (7) Any pest harborage or infestation including but not limited to pigeons, skunks...,

- Remove accumulated bird waste using water and disinfectant as often as necessary.
- Prevent pigeons from roosting/nesting on the structure by excluding them from ledges.
- A professional service is recommended for bird exclusion work.
- Remove bird feeder, pet food, other pest attractants.
- See attached guidelines

# Corrections must be made by: Aug 7, 2011

PUBLIC SERVICES Voice mail (415) 252-3805 1390 Market Street, Suite 210 San Francisco, CA 94102 Phone (415) 252-3800 Fax (415) 252-3875

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	<b>MBER:</b> 201062374
City and County of San Francisco 1660 Mission St. San Francisco, CA 94103	DATE: 18-AUG-10
ADDRESS: 2041 LARKIN ST	
BLOCK: 0572	LOT: 003
If checked, this information is based upons site-observation only. Further research may indicate that legal use is differen will be issued.	t. If so, a revised Notice of Violation
WNER/AGENT: CHURCH FOR FELLOWSHIP OF ALL PHONE #: - AAILING CHURCH FOR FELLOWSHIP OF AL DDRESS 2041 LARKIN ST SAN FRANCISCO CA 94109	
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ADDITIONAL WORK-PERMIT REQUIRED	106.4.7
EXPIRED OR CANCELLED PERMIT PA#:	106.4.4
UNSAFE BUILDING SEE ATTACHMENTS	102.1
A #200312222801 for seismic retrofit expired without final inspection approval. SFBC Section 106A.4.4	N Contraction of the second seco
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NOTICE OF VIOLATION

of the San Francisco Municipal Codes Regarding Unsafe, Substandard or Noncomplying Structure or Land or Occupancy



## COMPLAINT DATA SHEET

City and County of San Francisco Department of Building Inspection 1660 Mission Street San Francisco, CA 94103

• OCCUPANCY CODE

## COMPLAINT NUMBER: 201036308

2041 LARKIN ST

LOT: 003

RECEIVED BY: Czarina Moreno DIVISION: BID

Ed DONNElly - 558-6010

**COMPLAINT SOURCE: TELEPHONE** 

ASSIGNED TO DIVISION: BID #15

DATE FILED: 11-MAR-10

LOCATION:

BLOCK: 0572

SITE:

**RATING:** 

OWNER/AGENT: CHURCH FOR FELLOWSHIP OF ALL P CHURCH FOR FELLOWSHIP OF AL 2041 LARKIN ST SAN FRANCISCO CA

94109

OWNER'S PHONE --CONTACT NAME CONTACT PHONE --

COMPLAINANT: Alauro

SAN FRANCISCO

COMPLAINANT'S PHONE 415-775-2572

**DESCRIPTION:** Construction on the roof & on the stairs without permit. **INSTRUCTIONS:** 

INSPECTOR INFORMATION DIVISION INSPECTOR ID DISTRICT PRIORITY

BID HINCHION 1125

REFFERAL INFORMATION DATE REFERRED BY

TO COMMENT

COMPLAINT STATUS AND COMMENTS

 DATE
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## Appendix E Lix L NOTICE OF NEIGHBORHOOD MEETING To: Neighborhood Groups, Neighbors & Owners within 500' radius of 2242 Polk Street

#### **Meeting Information**

Wednesday May 18, 2011 Date: Time: 7:00 p.m. Where: Helen Wills Park Garden Room 1965 Larkin Street San Francisco, CA 94109

#### Site Information

2242 Polk Street Address: Block/Lot 0549 / 015 Zoning: Polk Street NCD

Applicant AT&T Mobility

**Contact Information** AT&T Mobility Hotline

(415) 646-0972

AT&T Mobility is proposing to install a wireless communication facility at 2242 Polk Street, needed by AT&T Mobility as part of its San Francisco wireless network. The proposed AT&T Mobility site is an unmanned facility consisting of the installation of nine (9) panel antennas, roof-mounted on the building. The equipment will also be located on the roof of the building. Plans and photo simulations will be available for your review at the meeting. You are invited to attend an informational community meeting located at the Helen Wills Park-Garden Room, 1965 Larkin Street, on Wednesday May 18, 2011 at 7:00 p.m. to learn more about the project.

If you have any questions regarding the proposal and are unable to attend the meeting, please contact the AT&T Mobility Hotline at (415) 646-0972 and an AT&T Mobility specialist will return your call. Please contact Rick Crawford, project planner with the San Francisco Department of City Planning at (415) 558-6358 if you have any questions regarding the planning process.

NOTE: If you require an interpreter to be present at the meeting, please contact our office at (415) 646-0972 no later than 5:00pm on Monday May 16, 2011 and we will make every effort to provide you with an interpreter.

## NOTIFICACIÓN DE REUNIÓN DE VECINDARIO Para: Grupos del vecindario, vecinos y propietarios dentro de un radio de 500' de

#### 2242 Polk Street

Información de la reunión Miércoles 18 de mayo de 2011 Fecha: 7:00 p.m. Hora: Helen Wills Park Dónde: Garden Room-1965 Larkin Street San Francisco, CA 94109

Información del lugar

Dirección: 2242 Polk Street Cuadra/Lote 0549 / 015 AT&T Mobility propone instalar una instalación de comunicaciones inalámbricas en 2242 Polk Street necesaria para AT&T Mobility como parte de su red inalámbrica en San Francisco. La ubicación propuesta de AT&T Mobility es una instalación sin personal que consiste en la instalación de nueve (9) antenas panel que se montarán en el techo del edificio. Los equipos también se colocarán en el techo del edificio. Habrá planos y fotos disponibles para que usted los revise en la reunión. Se lo invita a asistir a una reunión informativa de la comunidad que se realizará en Helen Wills Park, Garden Room, 1965 Larkin Street el miércoles 18 de mayo de 2011 a las 7:00 p.m. para tener más información sobre el proyecto.

Si tiene preguntas relacionadas con la propuesta y no puede asistir a la reunión, por favor, llame a la Línea Directa de AT&T Mobility, (415) 646-0972, y un especialista

# **Russian Hill Community Association**

1134 Green St. San Francisco, CA 94109 415-776-2014 rhcasf.com

September 9, 2011

Exhib. 4-T

Rev. Dr. Dorsey Blake, Pastor Rev. Dr. Kathryn Benton, Co-Minister Members of the Board Church for the Fellowship of All People 2041 Larking Street San Francisco, CA 94109

Dear Drs. Blake, Benton and Members of the Board:

As you are aware, as neighbors of the Church we are tremendously concerned about AT&T's current proposal to install nearly 2,000 lbs of highly sophisticated electronic equipment in and attached to the steeple of the Church.

One of our major areas of concern is the structural integrity and ability of the tower to support such additional weight under normal and high-stress conditions, such as the earthquake tremors that regularly occur in San Francisco. While other documentation may be available, we have therefore arranged for an independent engineer to make an inspection of the steeple and its supporting structures.

I am sure that you will agree that an independent assessment will go a long way to addressing our concerns.

Therefore, we would greatly appreciate it if you could advise us of some possible times over the next five (5) days when it would be convenient for such an inspection to take place. You can notify me at 1-415-686-5339 or <u>40.laura@gmail.com</u> of available dates and times and I will coordinate with our engineer.

Thank you for your cooperation.

Sincerely;

Laura Albert

Co-Chair, 2041 Larkin (Cell Tower) Project Team

Cc: Ms. Clara Allen, Mr. Courtney Brown, Mr. Michael Brown, Mr. Bryan Caston, Mr. Shashi Dalal, Dr. Aubrey Dent, Mr. Glenn Nance, Ms. Gayle Orr-Smith, Mr. Al Yates

We, the undersigned San Francisco residents and property owners, strongly urge the Planning Commission to deny the Conditional Use Permit SF 1754 for the installation of a wireless communication facility at 2041 Larkin Street, San Francisco.

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We, the undersigned San Francisco residents and property owners, strongly urge the Planning Commission to deny the Conditional Use Permit SF 1754 for the installation of a wireless communication facility at 2041 Larkin Street, San Francisco.

Signature Print Name Address Apt Date 9/7/1 1. ήÅ 16-12-23 17 2. 17. 17.1 Hia. 3. 1390 Valleja DANACADIN 7/7/1 ina 1371 obi 5. 2. 11 A. 09/07 Őļ 6. MSG 1450 Vallep St 306 9/7 Jeannielee 7. AW 1950 Vallejo 307 9/7/ 8, Jenny Kosenbaum enno laum 2004 LAAKIN 1/2/11 A 9. Mari el Margin MA 10. Petition Circulated by:

We, the undersigned San Francisco residents and property owners, strongly urge the Planning Commission to deny the Conditional Use Permit SF 1754 for the installation of a wireless communication facility at 2041 Larkin Street, San Francisco.

Date Address Apt Signature Print Name 2354 POIKS 681 Michelle Homme/ SF (A94100 2255 Polkst 618 2. Josun VAN ARSVALE SF CA 94109 2534 POLKE 3. CAROLAACK 2120 Larkin 4. LISA SORNOKER 6/9/11 Ap+204,SFA 2253 Pole 941-39 Jeremy Armstrong 94109 Jamy Hust 5. A SFCA 94109 2259 Polk 94109 Jonathan Beriter Omatha 6. SF. CA 94/09 2059 PSUL 8F CA 99109 2355 POLK Zou 7. Jun 1 6/9 8. BURI 3F, 64 94109 AN 1400 Polle 6/9 SF (1 94109 Andy MONACO 2150 / 04/2/6 6/9 10. MC TUBELL LEME 4. LA 9415

Petition Circulated by: Joszin Van ARSpitce

We, the undersigned San Francisco residents and property owners, strongly urge the Planning Commission to deny the Conditional Use Permit SF 1754 for the installation of a wireless communication facility at 2041 Larkin Street, San Francisco.

Address Apt Date Signature Print Name 6/4 2150 Pa 12 46 GHI. 2. Carol ('denay 22061064 Airi rusin 6/8/1 3. ZZOGPAK lorde Kicho NELa 6811 4. 2223 Polk YUNG 69/1 2300 R.1K 5. *illips* erek 1911 6. 1203 Union and 914/11 1001 Kansus 97. tim Pha 8. 6/17/10 1835 VULLEIUST MIC <u>9</u>. 10.

Petition Circulated by: Johlin Van Avgdale

We, the undersigned San Francisco residents and property owners, strongly urge the Planning Commission to deny the Conditional Use Permit SF 1754 for the installation of a wireless communication facility at 2041 Larkin Street, San Francisco.

	Print Name	Signature	Address	Apt	Date
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1.	Mike Rivby	Mille	210 yuarich St		7/2-1/11
2.	Sarah Murray	Xan hur	2101 (avtin st. 7		7/24/1
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Petition Circulated by: BIENN FING CARLON

We, the undersigned San Francisco residents and property owners, strongly urge the Planning Commission to deny the Conditional Use Permit SF 1754 for the installation of a wireless communication facility at 2041 Larkin Street, San Francisco.

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	Print Name	Signature	Address	Apt	Date
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1.	Elelyn Chee	Mr. C. Ru	115 Konto Alt. St. (1) (141)		
2.	Contraction (1)				
3.	Mullick Dinston	June Oi	15 MOURE PI SECA 94159		7/23/1
4.	CATHERINA GAOHNO	Cetim Partie	2335 LESVERWEIGH		7/23/j
5.	MARCH Frank	Much Lingt		3	
	MartheVinCalde		1250 Vallyst SF 94109		7/33/11
7.			2018 (24) Sp - 2123		
8.	Totianina -	JOH MINNH GUDNADUITIR	2145 62, 60 11 10 25 34109		1/2-1/11
9.		Y Ronna Beally	2201 Larlun SF 94104		7/24/
10.	Ria LeDon	122	2104 Lann (5,94,37		7/24/

Petition Circulated by: EVELID FUNE URION

We, the undersigned San Francisco residents and property owners, strongly urge the Planning Commission to deny the Conditional Use Permit SF 1754 for the installation of a wireless communication facility at 2041 Larkin Street, San Francisco.

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FUNT-CHRLON Petition Circulated by: <u>EVEN</u> LEE

We, the undersigned San Francisco residents and property owners, strongly urge the Planning Commission to deny the Conditional Use Permit SF 1754 for the installation of a wireless communication facility at 2041 Larkin Street, San Francisco.

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	Print Name	Signature	Address	Apt	Date
1.	Steven Steve	is the she	1375 Parita	н	7/19/1
	HAREUD TARG		1368 PACIFIC		7/.9/11
3.	Alison Casey		1360 Lomixond St # C47404		JAIN
4.	Kattle: Campenter	Wagen !!	1250 indiege Fli	-	1/4/11
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7.	John Mitchiel	11 A	1644 Taylor St. 57/14		7/2/
8.	Correspondentiello	est file	- 10		- ×!
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Petition Circulated by: LUEINN MARE CARLEN

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.1.	Marsha Mayovern	Whist N	laon	1398 Pacific		7-8-11
2.	Diane Ghiglieri	$-\Lambda^*$	highiri			7-11-11
3.	Louis Chiglieri	Louist	hyla	Nr50 LARKIN		7-11-11
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- UTKLAN Petition Circulated by:

We, the undersigned San Francisco residents and property owners, strongly urge the Planning Commission to deny the Conditional Use Permit SF 1754 for the installation of a wireless communication facility at 2041 Larkin Street, San Francisco.

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Petition Circulated by:

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We, the undersigned San Francisco residents and property owners, strongly urge the Planning Commission to deny the Conditional Use Permit SF 1754 for the installation of a wireless communication facility at 2041 Larkin Street, San Francisco.

	Print Name	Signature	Address	Apt	Date
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1.	L-inda Lingven	hich from	1445 Union	#1	7/2/11
2.	JACK BEELER	ABRER	1400 VAILED 94107	·,	7/2/11
3.	Sclomorevy	Salapon E. Slerry	2440 LARKIN St		7/2/11
	GRACE SEVY	Macorci	2440/alsi	18-	7/z/1
5.	timrian	A2	1734 Vellero		73
6.	ANJAMENT PONG	Az	280 Detorio		7/5/1
7.	KATHLEEN CONRAD	The	139 PARKERAIE		2/4/11
8.	Johnny Wong	Ilm Wy	468-20Th Atle +3		873U/,,
	Mee Syon Worg	40 Je Jegan Dong.	1821 Hyde st. #3		7/c/201
10.	Debbie Taylon	Nebbu aglon	3446 Jenning St		7/6/11
·	·/	- 0	EUEXN FUNG-	ORI	ON

We, the undersigned San Francisco residents and property owners, strongly urge the Planning Commission to deny the Conditional Use Permit SF 1754 for the installation of a wireless communication facility at 2041 Larkin Street, San Francisco.

Address Date **Print Name** Signature Apt 212 FRank Portst. DC. CA QudRo 1. mhodzha 1828 Hud #3 M 2. 6/23 FAJUS 1 Birth 51 3. 6/24 prope. 3. 100 6/24 0B 1. C. A. Attena D.e. 4. DRUMUSE 51.11 ٠. مرا 576121541+6-21 5. 429 6. 211SA LARKIN 6/21 1100 Union it 7. Richard Servicino 8. 9. 10.

Petition Circulated by: EVENN FUNC-CAREN

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We, the undersigned San Francisco residents and property owners, strongly urge the Planning Commission to deny the Conditional Use Permit SF 1754 for the installation of a wireless communication facility at 2041 Larkin Street, San Francisco.

Date Address Signature Apt Print Name 1393 VHUEJI ST ANTHONY MERCHIN 124 L 1. blokin 1393 VALLESO VEANNIE MELCHIN 2. 3. Dily Alt M 4. 5, (OC) 11 6. đ١ Ke Nea a Meria 7. 8. 6[77/1] 244 610 94107 9. #6 HONIAD 3 10.

Petition Circulated by: EVELYN FUNG CARLON

We, the undersigned San Francisco residents and property owners, strongly urge the Planning Commission to deny the Conditional Use Permit SF 1754 for the installation of a wireless communication facility at 2041 Larkin Street, San Francisco.

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Petition Circulated by: HENN FUNE C

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	Print Name	Signature	Address	Apt	Date
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1.	Enilis Cristion	E.	21086924		6/12
2.	Nancy Troqma	many Iraqua	2363 # Nartin	32	6/12
	Nekon Ascenso	Allanter	1347 Vallejs Sheet		6/13/
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Petition Circulated by: EVELUN IUN DNM

We, the undersigned San Francisco residents and property owners, strongly urge the Planning Commission to deny the Conditional Use Permit SF 1754 for the installation of a wireless communication facility at 2041 Larkin Street, San Francisco.

Apt Date Address Signature Print Name Lartin nus 6/12 14 Amy Lightner 1. SF CH 9410 2266 Larkin 14 12 0 2. Mar < Ć 2165 CARKIN 103 6 ROBERT LPOTRIM 3. 5 3107 Laston 6/12/11 4. SREFE KWONG 1250 VALLEND ST 6/12/11 2 CATHY LOVICH 5. ul 2073 (ARKIN 6. WONG 1 KOTTILLER 6/4/4 7. RICIE 50 8. 22 Flias 1200 TAUCKNER 9. 10. Petition Circulated by: EVELYA Fung Carlon

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	Print Name	Signature	Address	Apt	Date
I.	JIM FLYNN	J: 74-	1363 400000 56 94570		6/191
2.	Jamie DeFazio	Jumbe Desh	1169Unicest SF 94/09		6/10,
3.	Porter Mills		2127 Larkin		6/19
4.	Boone	1 500ne	2145 Larkin		6/11
5.	JulieCurry	gentin Cf	1232 Green		6/11/1
6.	Du. pht Denn	Kitta-	1317 Velles		6/11/11
7.	TIM Ng	F-2/	1224 Valleyo		6/11/11
8.	Kathlan Ralstyn	K Ralstm	1348 Vallego		611/4
9.	REBEICA DAVIS	Mun	2145 LANCIN		6/11/4
0.	Kovin Howard	12 Thursd	1350 VAL/EJO ST		6/11/
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		Petition Circulated by:	VEYN FUNT	UHL.	N

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	Print Name	Signature	Address A	pt Date
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1.	atherine Wise	- Cityli-	1342 Avoalute	y yoy
2.	Mott Berube	Motthen Benke	2100 Louking	6/8/11
3.	N. Pormen.	ybo/	1281 Softs Fundy Ville	48/1
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5.	Agion Ziden	50, Clanon Ja	2413 Carlon Bill Richmond	. 48
6.	Suzpan ViaiL	Sugar Vigel	21.20 Lauba 3 Eg 4109	4/8
7.	SATY TACKION	A	2121 LARKAN SFCA 94109	6/8
8.	LAMPIE BROWN	VAN	2265 Larkin 87 #21 SF 02 94109	6/9/11
9.	REAL WESSELS	Pron	1241B Greinst 5F, GA 94109	6/9/11
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	J	Petition Circulated by: _	ALIANN FINE (	ARIAN
		Petition Circulated by: _	LUL- ININO	~ / <b>h</b>

We, the undersigned San Francisco residents and property owners, strongly urge the Planning Commission to deny the Conditional Use Permit SF 1754 for the installation of a wireless communication facility at 2041 Larkin Street, San Francisco.

Apt Address Date **Print Name** Signature 223 With St 6.F.11 Welen Fung Below ELEYN FUNG CARLON 1. 1487 DACIFICANE 6 2. hman ( header charto 3. attos 2100 LARKI 4. Arkin 5. 10 LARION 18/11 1326 Villy H Ŷ. 6. Toro Walden 1243 GREEN ST. 6-8-11 7. RSAC 3316 Laguna St. 6-8-11 ath MÐ A AL 8. Jove. 6.8.1) 40 WHITE ST 1) SNKIN ANDY 9. 18/11 1322 VIXLES 10.

Petition Circulated by: BUENN FUNG CARON

We, the undersigned San Francisco residents and property owners, strongly urge the Planning Commission to deny the Conditional Use Permit SF 1754 for the installation of a wireless communication facility at 2041 Larkin Street, San Francisco.

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Print Name	Signature	Address	Apt	Date
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1. Travis Burns	Tip	CA 94109	28	6/9
2. Jara K. Malone		590 2nd ave 87, (A 9418	7	610
3. KRISTIN DALEY	Halen	24400 Polle SF 94109		6/16
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Petition Circulated by:

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We, the undersigned San Francisco residents and property owners, strongly urge the Planning Commission to deny the Conditional Use Permit SF 1754 for the installation of a wireless communication facility at 2041 Larkin Street, San Francisco.

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	Print Name	Signature	Address	Apt	Date	
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Petition Circulated by: AURA AUBER

APPROVED BY THE RUSSIAN HILL COMMUNITY ASSOCIATION

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We, the undersigned San Francisco residents and property owners, strongly urge the Planning Commission to deny the Conditional Use Permit SF 1754 for the installation of a wireless communication facility at 2041 Larkin Street, San Francisco.

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<b>2.</b> C	Kamerine Barnard	Laun Burd	5 F, Ct 947109		91.1-A.
			2216 Larting		
3.	Alan wing	am	57 CA 111109		6 -15.
4.	5,211/		FLUST PartisST	:	6-15-1
4.	Zrjk Juhl	70	54, (4, 34109		0 15 4
5	Julie Wong	Julio, arma	2055 BLARKN	<del>7</del>	6/22/1
	Juine worg	9	SF, Ct 94109		
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7.	LAURA ALKERT	AAA	SF CA GALI	5	6 22/1
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Petition Circulated by: 1AUNA AUBERT

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We, the undersigned San Francisco residents and property owners, strongly urge the Planning Commission to deny the Conditional Use Permit SF 1754 for the installation of a wireless communication facility at 2041 Larkin Street, San Francisco.

Apt | Date Address Signature Print Name 6/4 1267 Granst Marshall Eryn 1. 1-61 2. Tern 254  $\sim$ 21901 14 46 3. 1268 GREEN IT 15 FRISE 69 Rule 1 St 4. time on Nagnington 6.15 G9 Rousd 5. Z9 Russell (i/10 τí Curtie 6. 15 S3 puggell pfon 32 FUSSEL 8. 115 [15].[[ 9. 10. ALBEDT Petition Circulated by: \_\_\_\_\_\_

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	Print Name	Signature	Address	Apt	Date
Ι.	Stere Melino	My Mele	1373 Broadway St SF		6/13/
2.	CORA YVEN	Corz.	1390 Broadma St St CA 94		6/3/11
3.	Sordan Cohen	Juin	2034 Lavin, MS SFCA 94/126		6/17411
4.	Rob Lowis	Run Li	1362 Valleju		6/13/11
1	Audrea Lanis	Lei	1362_ VALLE JC		6/03/1
6.	De Swendun		41 White	1	6/14/
, <b>7</b> .	ziner Ustin	J. Schol	185T Hyde		611
	Jeanne Schoch	H SCHOL	1861 Hyde	<u> </u>	6/14/11
9.	GENAUZELU MANTE	Sugar	1231 GREEN S	7	6.14.11
10.	THOMAS POTHE SE	Mallyon	1203 GAR. (+ 2		6.14.11

Petition Circulated by: LAUNA ACBENI

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We, the undersigned San Francisco residents and property owners, strongly urge the Planning Commission to deny the Conditional Use Permit SF 1754 for the installation of a wireless communication facility at 2041 Larkin Street, San Francisco.

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Print Name	Signature	Address	Apt	Date
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1. Uwe Gabel	1. Mille	2057 Lar 4 51. San Fron Usic, (A, 34/07	/	6-13 11
2. HELENLIU	Hely Fri	1371 Vallejust S. F. CA 9444		6-13-1/
3. DAY I KAGAK	A	1331 UG/012		6-13-1
+. Heescok KIM	h	1773 Hyde		6-13-1
5. JENNIFER PAR	ES Kurton	1739 Hydes	- 	6-13-
6. Thery Jow	Vuice Jow	17131428	Å	6-1311
7. Ed Pawey	Est any	170 3 Hyde		6/13/
8. 1 oren Bennard	miZIB15	1324 Broud we	14	13
9. Dow Fritzona	62	1336 BALAPW.	4 5 ·	6/13
10. LOUIS GWERVER	02HL	3827 18TH		6/13

Petition Circulated by: <u>LAUNA HCBERL</u>

We, the undersigned San Francisco residents and property owners, strongly urge the Planning Commission to deny the Conditional Use Permit SF 1754 for the installation of a wireless communication facility at 2041 Larkin Street, San Francisco.

	Print Name	Signature	Address	Apt	Date
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1.	Della Young	Della young	1530 Vallejo St		7/6/15
2.	Della Young Cora Young	Della Young Cora young	1530 Vallejo St.		7/6/11
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Petition Circulated by: Valerie Brot

We, the undersigned San Francisco residents and property owners, strongly urge the Planning Commission to deny the Conditional Use Permit SF 1754 for the installation of a wireless communication facility at 2041 Larkin Street, San Francisco.

Apt Address Date Signature Print Name 1465 VALLEJO 3 1/23/1 RICHARD A KNEE trada trul 1. 1270 VAILEJORT ROTWEY Tim 2. 1048 Hyde st 6/30/11 Chris McHigh 3. E SI 1907 lindest VINH FLUE 5. 6-30 3 6-30 1165 Val wo. NEC 6.3( Vilacon Wh SCARILI ZEMEDU 8. . 9. 10. Petition Circulated by: <u>All Tallan</u>

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We, the undersigned San Francisco residents and property owners, strongly urge the Planning Commission to deny the Conditional Use Permit SF 1754 for the installation of a wireless communication facility at 2041 Larkin Street, San Francisco.

Apt Date Address Signature **Print Name** 1188 California 4 1. 4 APP) 1457 VoMyost ST 2. nowe 1807 Hydest 7 3. NOLAN Hnd 1656 74.10 4. Norts 6 So Le Illin 5. avi 162595ean 37. 6/15 Guya 6. 1139 Grea ; 7. 6/15 8. 05 7,165 NCK lorre SUSAN M. SMITH 380 9. n M 807 Columbus th 201 10. IALL RUDERTSOF Petition Circulated by:

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We, the undersigned San Francisco residents and property owners, strongly urge the Planning Commission to deny the Conditional Use Permit SF 1754 for the installation of a wireless communication facility at 2041 Larkin Street, San Francisco.

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Print Name	Signature	Address	Apt	Date
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1. Angelattom -		7215 Grany Bive 94121		6/20/1
2. JORASCH	Rollor	1250 Vallejo		Л
3. Jean Belibroux	- In Bu	1534 Valley Staulus		6/2411
+ GIANG SITU	alt	1286 Pacifiel 87, CA 94109		6/27
5. STEATEN GLE	A game labo	1190 Velle 57. Ch. 97	0 X	6/2
6. DANTE MARIANC		1462 HEDE 5		6/21
7. Piane Sciarrette	the	1285 (men St	. 4	ki
8. Heather Cogswell	Hehred Gwell	29 Russell ST		6/21
9. KellyWillings-	P.	1655 Tores St		6/21
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We, the undersigned San Francisco residents and property owners, strongly urge the Planning Commission to deny the Conditional Use Permit SF 1754 for the installation of a wireless communication facility at 2041 Larkin Street, San Francisco.

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Apt Address Date Signature **Print Name** 1752 Leavenworth 1. landier isz leavenue th 6/15/2011 iailliad a i HILLAIN UI 2. SIF de JAILIANDIEIL 1315 6/07/1 bar 3. Ruel St 78 Peolto St (o N SCN 4. 475 Pope ST 5. 7. Ca . 94112 475 POPEDT. 6. 3FCA 94112 40 GREEN 7. C A AHOA **JIJVH** S.F. 5 8. Dar 6/19/11 9. 1201 worschinton 6/19/11. 10. Frank sude 2 1l Petition Circulated by:

## APPROVED BY THE RUSSIAN HILL COMMUNITY ASSOCIATION

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We, the undersigned San Francisco residents and property owners, strongly urge the Planning Commission to deny the Conditional Use Permit SF 1754 for the installation of a wireless communication facility at 2041 Larkin Street, San Francisco.

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	Print Name	Signature	Address	Apt	Date
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1.	U110A 62, 2705170	Mm	HUIGS Brongtway		b/(0
2.	Caron airing	Car?	No34 Jones		6/
	Torcesil D'Bruch	Jour AFizza	537 Vallejo St		6/10
4.	Tonces Malens	Karbler	1077 Vallejo		6/10
5.	ting Kantmin	Ch -	1633 Nichingt	2	6/10
	Huan, celly	ind that >	1 300 Streng		2.15
7.	Karen Low instan	1/ 1.	3531 VANWESS AVENUE	-	6112
8.	al fife file	EDixie Mot	1450 Bruck	Aliro	M .«
	Stan Mahu	to Mahn	) (1	10/20	
	Deg Fin	Joy Smi)	2028 LARKI	vsr	6/15

Petition Circulated by:

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We, the undersigned San Francisco residents and property owners, strongly urge the Planning Commission to deny the Conditional Use Permit SF 1754 for the installation of a wireless communication facility at 2041 Larkin Street, San Francisco.

**Print Name** Signature Address Apt | Date 1919 LARKIN 6-12 PHYLLis Louis 1. Jone <u>\_S.F. (A.</u> 1958 LAPEKINST. 2. Mon 6-12 MaggieTau SF. CA 94109 1958CARKINS 3. TRAN S. F. C. A9410 1962 Larkin St. 07 4. Lisa Ruan S.F. CA. 94109 -12-1,371 Brodway 1.010 Indu Worrin 12,201 Urancisa 2028 Carkin 6. S.F. CA 94109 6/12/11 2028 Larkan St 4/12/11 7. Stefanic Lim 56,04 94109 2055-3 Larkinsz 8. Zoe Genter 5F, (A 94104 Zozi CANKM /1z\_/ 9. 6/12/11 SF, 14 94109 2057 Larkin 6/30/ 10. -tulidd SF. (4 94109 Petition Circulated by: \_\_\_\_\_

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We, the undersigned San Francisco residents and property owners, strongly urge the Planning Commission to deny the Conditional Use Permit SF 1754 for the installation of a wireless communication facility at 2041 Larkin Street, San Francisco.

1. Michele Brussenn Mindelan 55, ch 94109	Apt Date
"Michele Brussenn Min Man SF, CA 34109	6/14/
1. Michele Brussean Min Man SF, CA 34109	6/14/
	$-10^{\circ}$
2. Justine madara Madana 1300 Bradwar #102 SF CA 94109	6/14
3. NOEL MULICIAN las Multi S.F. CH. GUIDE	6/14/1
4. MARKELSIE Plut J. 1929 LANDUS S.F. CH. Sking	6/14/1
5. Elizabet Curroran C III63 PINEUT SIF. CH 94108	41/11
6. Efren Saidoval Efren Jardine S.F. CK 34/129	6/14/201
7. Mauricio Pages 20 1770 Parific 201 SFCAGY/	18 414/2
8. DECLER FLUINN SF 94133	6/14/1
9. WILLEY LUM-Work Killer N Lungh SF CA GHIDS	6/14/
10. Dopotty Willing Dowedy hun Non 27 94109	6/14/1
Petition Circulated by:	
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We, the undersigned San Francisco residents and property owners, strongly urge the Planning Commission to deny the Conditional Use Permit SF 1754 for the installation of a wireless communication facility at 2041 Larkin Street, San Francisco.

Address Apt Date Signature Print Name 1451 Vallejo St Barman ANN Bowman 1. ST- 94109 64 LarkinSt 2. SE 1963 3. Larth- St Larkin St 1919 .] 6/17/ Vicki Louie 4. ilor 6 5. THOM 45 6. U 404 ROSPWS 1410 Broadway 3 17/1 8. Gregory Korn. SŦ CA 2844 Larkin St Italiars. STCA John Mayo U 10, Petition Circulated by: \_\_\_\_\_

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We, the undersigned San Francisco residents and property owners, strongly urge the Planning Commission to deny the Conditional Use Permit SF 1754 for the installation of a wireless communication facility at 2041 Larkin Street, San Francisco.

Apt Date Address Signature Print Name 1378 6/10/x Welus Steve Mielino Providence y 14 Conner Call Inter The al 10/ 2. 1348 BROADWAY 6/10/11 3. CHRISTINATIERNEY Tienn 2032 Larkin 6/10/11 Cartlyn 4. St Connelle 1402 BRODDWAY and 1 SF 5. hlet 94105 WAITHEMA JAKSON 1445 Vallejo \$/20/11 Greg Wilson 57.54 6. 1390 SROHOWAY 6.23.1 Jeff Scaleson SF, CA 7. 1390 prosty 8. arrun 6/23/11 Chris Mittelstared DI 1356 Broadery 9. 10. Pia Hundele 6/23, 1358 Brodway Petition Circulated by: \_\_\_\_\_

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We, the undersigned San Francisco residents and property owners, strongly urge the Planning Commission to deny the Conditional Use Permit SF 1754 for the installation of a wireless communication facility at 2041 Larkin Street, San Francisco.

Address Apt Date Signature Print Name 1405 VAN NESSAVE 700 DIDR WIENER 6/23/11 ۱. 4/23/4 100 BHOADhay LINDSAY Moton 2. 1935 Franklin 6/231 Anna Ghozah 3. 737f DIIVIA Andream 4. 1510 Jackson Guo Ming (me 2/24 5. <u>le/24</u> 1960 LArkin scinela MaryFrances an 6/24/11 1054 Cheinutet. MARIA CONTRERAS when Thatten 6-28-11 130 LACOND ST Ciclia Thaxton 5-74-11 1559 Sacrayaet 9. 4 Bustamart 50 6-24.11 1960 Larkin 10. Tare Lamus

Petition Circulated by: \_\_\_\_\_\_

We, the undersigned San Francisco residents and property owners, strongly urge the Planning Commission to deny the Conditional Use Permit SF 1754 for the installation of a wireless communication facility at 2041 Larkin Street, San Francisco.

		1		<u> </u>	<b></b>
	Print Name	Signature	Address	Apt	Date
					£
1.	VINCENT LOUIE	Ju	1917A-LARKIN		6-20-11
2.	DOTA G. Louie	April -	1917 A7 61/CM		6-20-11
3.	Clayton Couie	Cloyle	1919 Larkinst.		6/20/11
4.	Karen Sasso	Karlen Sasso	1416 Broadway		6/20/n
5.	John Stanley	+ 1 C 1	14/6 Broadway		ElZoli
6.	Aune Woxy	JUNE WONG			6/2 6/3
7.			/		
8.					
9.					
10.				а. 	

Petition Circulated by: \_\_\_\_\_

We, the undersigned San Francisco residents and property owners, strongly urge the Planning Commission to deny the Conditional Use Permit SF 1754 for the installation of a wireless communication facility at 2041 Larkin Street, San Francisco.

			1	i
Print Name	Signature	Address	Apt	Date
				·
Christy Baker	chan	2036 Lerkin		6/22
2. JASON RICKARD	9-12·1	2063 LARKIN	· · ·	6/22
3. Michan from	Meghan Faith	2042 Larker	>	6/25
4.				
5.				
6.				
7.	ŝ			
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Petition Circulated by: \_\_\_\_\_

We, the undersigned San Francisco residents and property owners, strongly urge the Planning Commission to deny the Conditional Use Permit SF 1754 for the installation of a wireless communication facility at 2041 Larkin Street, San Francisco.

	····-	· · · · · · · · · · · · · · · · · · ·		
	Print Name	Signature	Address	Apt Date
۱.	Kava Burrell	Larei Muny	2246 domes	(0.)7.
2.	CLIDRENCE LIN	Ale a	, try JRONOWA	db-17-1
3.	GEORGE LEE	Sing. De	2029 LARKIN	6/19/
4.	FRANK LEG	- Shanh der	2027 LARKIA	) 6/24
5.	LILY LEE	Lity La.	2027 dachin	6 kx/
6.				
7.				
8.				
<b>9.</b>				
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Petition Circulated by: \_\_\_\_

We, the undersigned San Francisco residents and property owners, strongly urge the Planning Commission to deny the Conditional Use Permit SF 1754 for the installation of a wireless communication facility at 2041 Larkin Street, San Francisco.

i		· · · · · · · · · · · · · · · · · · ·		·····
Print Name	Signature	Address	Apt	Date
				, 
. Felix Litman	Alla	1425 Vallejo St # 252	202	7/28/
2. Surfee Son	Su	125 Vallezo St	202	H28/11
3. WARS HIGUEROS	A	1425 VALLETU 57	253	7/28/11
1. Lisa Lalanne	SEO .	1425 Vallejo St	205	7/28/11
5. CORINILIE SEMONA	Cainme Ser -	1425 VALLEDS	100	47/2011
6. THOMAS Chive	ha	1425VAllept	505	7-28.
" JASON FEIEY	xan	1425 VALLER	> 101	-7/28
8. Allson Barny	A.B.	1425 Valleyo	106	7/28/11
9. FICTAEL JENNING	M. Cr	1425 VALLES,	102	
10. Getty Brombager	4 Alerta	1425 Valleyo	50	7/25/11
		Falix Liter		 

We, the undersigned San Francisco residents and property owners, strongly urge the Planning Commission to deny the Conditional Use Permit SF 1754 for the installation of a wireless communication facility at 2041 Larkin Street, San Francisco.

Date Apt Address Signature **Print Name** 14.25 NULLO (0 Kentin ł. 509 74/27 2. MILLEA OSEMARC ValleioSt 1425 301 3. 701 UCKER 9110 ÛŔ in 18,0 304 4. иG 4 Ź 5 MARTA SOLO TAP 103 5. Vallejo 1425 handos 206 #206 6. 7. : 8. 9. 10. Felix Litmon

Petition Circulated by:

	N PROJECT (Updated 9.11.11) ADDRESS	SIGNATURE	CIRCULATOR
	212 Frank Fort St (Daly City)	Qudrat Rahimhodzhayev	efc
	1281 - 30th (Emeryville)	Michelle Palmer	efc
	2413 Carlson Blvd (Richmond)	Aaron Zidenberg	efc
	1363 Hubbard (94579)	Jim Flynn	efc
6.30.11		Ben bacya	id
6.30.11		Alex Stein	ld
	Franklin St.	Ruth Hernandez	ld
	3827 - 18th	Louis Gwerder	la
	590 - 2nd Ave. #7	Sara K. Malone	Crave
	468 - 20th Ave. #3	Johnny Wong	efc
	P.O. Box 320333, SF, CA 94132	Joanne Chi	efc
	571 Birch St. #A (94102)	Maykel Verdecia	efc
	24 Bonita	Julie Pret	efc & II
	24 Bonita	Melissa Patrice	efc & II
	48 Bonita	Erik Petersen	efc & II
	<u> </u>	Lindsay Njotch	1
	100 Broadway St.	Evan Meagher	efc
6.25.11	1260 Broadway St.	Rebecca Meagher	efc
·	1260 Broadway St.	Daniel Kalakano	efc
6.14.11	1318 Broadway St.		la
6.15.11	1321 Broadway St.	A. Molloy Loreen Bernardini	la
6.13.11	1324 Broadway St.		
6.14.11	1324 Broadway St.	Jen Piumarta	ia
6.14.11	1324 Broadway St.	J. Bender	la
6.14.11	1324 Broadway St.	Lia Burnadin	
6.15.11	1324 Broadway St.	Brian Knox	la -f-
8.8.11	1324 Broadway St. #1	Tracy Waldron	efc
6.13.11	1336 Broadway St.	Don Friedman	la
6.8.11	1342 Broadway St.	Catherine Wise	efc
6.10.11	1348 Broadway St.	Christina Tierney	
6.23.11	1356 Broadway St.	Chris Mittelstaedt	
6.23.11	1358 Broadway St.	Pia Hinckle	<u>    </u>
6.12.11	1371 Broadway St.	Cindy Morrin Conner Callahan	
6.10.11	1372 Broadway St.		
6.10, 13.11	1378 Broadway St.	Steve Melino	la
6.13.11	1390 Broadway St.	Cora Yuen Jeff Jackson	
6.23.11	1390 Broadway St. #2		<u>                                      </u>
6.23.11	1390 Broadway St. #6	Carran Gong Waithena Jackson	
6.10.11	1402 Broadway St.	Lena Lin	
6.17.11	1404 Broadway St.	Clarence Lin	
6.17.11	1404 Broadway St.	Gregory Korn	
6.17.11	1410 Broadway St.	Karen Sasso	
6.20.11	1416 Broadway St.	John Stanley	
6.20.11	1416 Broadway St. 1440 Broadway St.	Tyron Hooper	efc
6.14.11		Dixie Mahy	
6.10.11	1450 Broadway St.	Stan Mahy	
6.10.11	1450 Broadway St.	Tom Flynn	efc
6.27.11 6.24.11	1450 Broadway St. #6 1465 Broadway St.	June Wong	

#### 2041 LARKIN PROJECT (Updated 9.11.11)

	ADDRESS	SIGNATURE	CIRCULATOR
6.14.11	1800 Broadway St. #102	Justine Madara	
6.10.11	1998 Broadway St.	Unoa Esposito	
6.20.11	580 Bush St.	Mark Gould	ld
6.14.11	1688 California St.	Holly Turner	ld
6.24.11	1054 Chestnut St.	Maria Contreras	- 11
6.16.11	807 Columbus Ave. #201	Paul Robertson	ld
7.5.11	1280 Dolores	Anjanette Pong	efc
7.7.11	1280 Dolores	David Parker	efc
6.14.11	2446 Leavenworth	Decker Flynn	+1
6.12.11	1101 Filbert St.	B. Cristie	efc
8.13.11	1175 Filbert St.	C. Refo	ll/la
6.27.11	1274 Filbert St.	Annette Lust	efc
6.23.11	1935 Franklin	Anna Ghozali	11
6.20.11	7815 Geary Blvd.	Angela Hom	ld
6.27.11	344 Grafton Ave.	Cathy Chow	efc
6.15.11	1025 Green St.	Shelly Guyer	ld
6.15.11	1139 Green St.	Christy Hurlburt	ld
6.19.11	1160 Green St.	Claire Blume	ld
8.13.11	1209 Green St.	George Lucas	ll/la
6.14.11	1209 Green St.	Thomas Rothgiessen	la
8.13.11	1209 Green St. #12	Thomas Rothgiessen	ll/la
6.14.11	1231 Green St.	Genauzeau Maxile	la
6.9.11	1241 Green St.	Rena Wessels	efc
6.15, 25.11	1242 Green St.	Douglas Dietrich	la/efc
6.8.11	1243 Green St.	Nik DeVrsal (Sophie-dog)	efc
6.27.11	1257 Green St.	Lisa Raymond	efc
6.14.11	1267 Green St.	Eryn Marshall	la .
6.15.11	1268 Green St.	Elise Hefano	la
6.11.11	1282 Green St.	Julie Curry	efc
6.21.11	1285 Green St.	Diane Sciarretta	ld
6.22.11	1439 Green St.	Gabriella Daker	efc
6.16.11	1380 Greenwich St.	Susan M. Smith	ld
6.27.11	535 Hayes St.	Patricia Smith	efc
6.10.11	101 Hyde St.	Dave Bower	efc
6.24.11	737 Hyde St.	Olivia Andreau	
6.30.11	1048 Hyde St.	Chris McHugh	, Id
6.21.11	1462 Hyde St.	Dante Mariano	ld
6.13.11	1703 Hyde St.	Ed Pang	la
6.13.11	1713 Hyde St.	Cheryl Jow	la
6.13.11	1739 Hyde St.	Jennifer Parkes	la
7.22.11	1769 Hyde St.	Jerry Jung	efc & II
7.22.11	1769 Hyde St.	Veronica Jung	efc & il
6.13.11	1773 Hyde St.	Heesook Kim	la
6.15.11	1807 Hyde St.	Andrew Nolan	lđ
7.6.11	1821 Hyde St. #3	Mee Syan Wong	efc
6.23.11	1828 Hyde St. #3	Tim Hamilton	efc
6.14.11	1855 Hyde St.	Soner Ustin	la
6.14.11	1861 Hyde St.	Jeanne Schoch	la
6.15,30.11		Vinh Luc	la/ld
6.24.11	1510 Jackson St.	Guo Ming	11

DATE	ADDRESS	SIGNATURE	CIRCULATOR
7.6.11	3446 Jennings St.	Debbie Taylor	efc
7.22.11	1650 Jones St.	Daniel Detorie	efc & ll
5.21.11	1655 Jones St.	Kelly Wilkinson	ld
.10.11	2030 Jones St.	Carol Zhay	H
5.17.11	2266 Jones St.	Kara Burrell	
.14.11	1001 Kansas St.	Jennifer McAlister	jva
5.24.11	130 Laguna St.	Lidia Thaxton	11
5.8.11	3316 Laguna St.	Morgan Moore	efc
5.17.11	1903 Larkin St.	Zac Sagay	11
3.13.11	1903 Larkin St.	Colin Henyal	ll/la
5.20.11	1917A Larkin St.	Vincent Louie	11
5.20.11	1917A Larkin St.	Dora Louie	11
5.12.11	1919 Larkin St.	Phyllis Louie	11
5.17.11	1919 Larkin St.	Vicki Louie	- Ha
5.20.11	1919 Larkin St.	Clayton Louie	11
5.14.11	1919 Larkin St.	Noel Mulligan	11
5.14.11	1929 Larkin St.	Mark Elsie	
5.17.11	1931 Larkin St.	Thomas Szeto	
5.12.11	1958 Larkin St.	Maggie Tao	
5.12.11	1958 Larkin St.	Huong Tran	
5.24.11	1960 Larkin St.	Mary Frances Lemus	
5.24.11 5.24.11	1960 Larkin St.	Jose Lemus	
5.12.11	1960 Larkin St.	Lisa Ruan	- 11
6.17.11	1964 Larkin St.	Robert Dodd	11
· · · · ·	2010 Larkin St.	Wiley Lum-Wong	11
6.14.11	2010 Larkin St.	Dorothy Lum Wong	<u> </u>
6.14.11	2010 Larkin St.	Steven Wong	
6.14.11	2021 Larkin St	Henry Wong	efc
6.12.11		Daniel Harrington	
9.7.11	2024 Larkin St.	Frank Lee	
6.24.11	2027 Larkin St.		
6.24.11	2027 Larkin St.	Lily Lee Cindy Lim	
6.12.11	2028 Larkin St.	Stefanie Lim	
6.12.11	2028 Larkin St.	Joey Lim	
6.15.11	2028 Larkin St.	George Lee	
6.19.11	2029 Larkin St.	Shannon Kopp	la
6.23.11	2031 Larkin St.	Caitlyn Connolly	
6.10.11	2032 Larkin St.	Jordan Cohen	la
6.13.11	2034 Larkin St.		
6.22.11	2036 Larkin St.	Christy Baker Jason Pulido	
6.30.11	2037 Larkin St.		
6.22.11	2042 Larkin St.	Meghan Faith	
6.17.11	2044 Larkin St.	Rob Mattaliano	
6.17.11		John Mayo	
6.14.11	2055B Larkin St.	Zoe Genlen	
6.22.11	2055B Larkin St.	Julie Wong	la la
6.22.11		Laura Albert	la
6.13.11		Uwe Gabel	la
6.15.11	2059 Larkin St.	Erik Juhl	la
6.13.11	2061 Larkin St.	Laura Diaz	efc
6.13.11	2061 Larkin St.	Andrew Swallow	efc

DATE	IN PROJECT (Updated 9,11.11) ADDRESS	SIGNATURE	CIRCULATOR
	2063 Larkin St.	Jason Richard	
	2100 Larkin St.	Matt Berube	efc
.10.11	2100 Larkin St.	Barry Chantt	efc
5.8.11	2100 Larkin St.	Ana DeMattos	efc
5.8.11	2100 Larkin St.	Dave Puccinelli	efc
7.24.11	2104 Larkin St.	Ryan LeDay	efc
7.24.11	2104 Larkin St.	Mike Darby	efc
7.24.11	2104 Larkin St.	Sarah Murray	efc
5.12.11	2107 Larkin St.	Jeff Kwong	efc
5.12.11	2108 Larkin St.	Emilio Crifton	efc
	2108 Larkin St.	Pam Dubier	efc
6.12.11	2108 Larkin St.	Evelyn Chee	efc
7.23.11	2115 Larkin St.	Matt Marshall	efc
7.23.11	2115 Larkin St.	Jennifer Tan	efc
6.10.11	2115A Larkin St.	Heather Housestead	efc
6.29.11	2113A Larkin St.	Suzanne Vigil	efc
6.8.11	2120 Larkin St. #209	Lisa Soroker	jva
6.9.11	2120 Larkin St. #209	Lisa Soroker	efc
8.8.11		Jaclyn Calderon	la
6.14.11	2120 Larkin St. #304	Satu Jackson	efc
6.8.11	2121 Larkin St.	Evelyn Fung Carlon	efc
6.7.11	2123 Larkin St.	Shiu Ying Che Fung	efc
6.9.11	2125 Larkin St.	Porter Mills	efc
6.10.11	2127 Larkin St.	Renata Gruman	efc
6.7.11	2129 Larkin St.	Marc Wilson	efc
7.24.11	2137A Larkin St.	Georgette Boone	efc
6.11.11	2145 Larkin St.	Rebecca Davis	efc
6.11.11	2145 Larkin St.	Rose Wong	efc
6.9.11	2145 Larkin St.	Raymond Lussier	efc &
7.22.11	2145 Larkin St. #12	Johanna Gudnadottir	efc
7.24.11	2145 Larkin St. #10	Luke Ogridzian	efc
7.24.11	2148 Larkin St.	Robert Poirier	efc
6.12.11	2165 Larkin St. #103	Patrick Torre	ld
6.15.11	2165 Larkin St. #205	Malin Pearce	efc &
7.22.11	2165 Larkin St. #307	Charles Faulkner	efc
6.12.11	2200 Larkin St. #8	Donna Beatty	efc
7.24.11	2201 Larkin St.	Alan Wong	la
6.15.11	2216 Larkin St.	Diane Ghiglieri	efc
7.11.11	2250 Larkin St.	Louis Ghiglieri	efc
7.11.11	2250 Larkin St.		efc
6.9.11	2265 Larkin St.	Laura Brown	efc
7.21.11	2265 Larkin St. #22	Greg Sanders	efc
6.12.11		Amy Lightner	efc
6.12.11	2265 Larkin St. #14	Mark Lightner	efc
6.12.11		Nancy Trogman (Priscilla-dog)	efc
7.2.11	2440 Larkin St.	Grace Sevy	efc
7.2.11	2440 Larkin St.	Solomon Sevy	. Crav
6.9.11	1301 Leavenworth St. #28	Travis Burns	ld
6.30.11		Sarah Zembu	ld
6.15.11		Leslie Detaillandier	Id Id
6.15.11		Ghielain Detaillandier	10

#### 2041 LARKIN PROJECT (Updated 9.11.11)

DATE	ADDRESS	SIGNATURE	CIRCULATOR
8.8.11	2150 Leavenworth St.	Jack Hickey	efc
7.23.11	2335 Leavenworth St.	Catherina Paolino	efc
5.12.11	2446 Leavenworth St.	Decker Flynn	B
7.19.11	1360 Lombard St. #404	Alison Casey	efc
8.13.11	62 Lynch St.	Rosemarie Ovian	ll/la
8.13.11	70 Lynch St.	M. Aspesi	ll/la
5.24.11	183 Middlefield Dr. (94132)	Attyna Dee	efc
7.23.11	18 Moore Pi.	Frederidk Winston	efc
8.13.11	1250 Pacific Ave.	N. Cho	li/la
7.19.11	1368 Pacific Ave.	Harold Tang	efc
7.19.11	1378 Pacific Ave.	Steven Stevens	efc
5.21.11	1286 Pacific Ave.	Gang Situ	ld
7.8.11	1398 Pacific Ave.	Marsha McGovern	efc
8.17.11	1420 Pacific Ave.	Theresa Lau	efc
6.7.11	1457 Pacific Ave.	Lehman Chan	efc
5.22.11	1510 Pacific Ave.	Andrew Wong	efc
5.14.11	1770 Pacific Ave. #201	Mauicio Page	
7.6.11	139 Parker Ave.	Kathleen Conrad	efc
5.17.11	78 Peralta St.	Sudi Scull	ld
5.14.11	1163 Pine St. #4	Elizabeth Corcoran	
5.14.11	1163 Pine St. #4	Efren Sandoval	
5.10.11	1800 Pine St.	Huang Kelly	11
5.9.11	1400 Polk St.	Andy Monaco	jva
5.8.11	2150 Polk St.	Amy Bearg	jva
5.9.11	2150 Polk St.	Mitchell Bearg	jva
5.10.11	2150 Polk St.	Állan White	efc
5.8.11	2206 Polk St.	Carol Coleman	jva
6.8.11	2206 Polk St.	Richard Sepulveda	jva
6.8.11	2223 Polk St.	Craig Zaretsky	
6.9.11	2253 Polk St.	Jeremy Armstrong	jva
6.8.11	2354 Polk St.	Michellé Homme	jva
6.8.11	2255 Polk St.	Joslin Van Arsdale	jva
6.9.11	2259 Polk St.	Jonathan Beniter	jva
6.9.11	2259 Polk St.	Emily Wright	jva
6.9.11	2300 Polk St.	Erik Phillips	jva
6.8.11	2354 Polk St.	Michelle Homme	jva
6.9.11	2355 Polk St.	Dan Kowalski	jva
6.14.11	2355 Polk St. #303	Michele Brussenn	
6.16.11	2440 Polk St.	Kristin Daley	Crave
6.8.11	2534 Polk St.	Carol Hacker	jva
6.19.11	475 Pope St	Jeannie Yee	ld
6.19.11	475 Pope St	Wellen Yee	ld
6.17.11	1815 Powell St.	Gary Jue	Id
6.21.11	29 Russell St.	Heather Cogswell	ld
6.15.11	32 Russell St.	Roberto Reyes	la
6.15.11	32 Russell St.	Michelle Louny	la
6.15.11	53 Russell St.	Molly Thompson	la
6.15.11	59 Russell St.	Rubley Curtice	la
6.15.11	69 Russell St.	Cameron Washington	la la
0.73.77	US NUSSEN SL.	Cameron washington	10

2041 LARKIN PROJECT (Updated 9.11.
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DATE	ADDRESS	SIGNATURE	CIRCULATOR
5.24.11	1559 Sacramento St.	Sully Bustmanti	
6.17.11	1425 Taylor St.	Susan Manett	
5.21.11	1644 Taylor St.	Marc Rasmussa	· Id
7.21.11	1644 Taylor St.	John Mitchell	efc
7.21.11	1644 Taylor St.	Veronika Mikhalash	efc
6.15.11	1656 Taylor St.	Nick Edwards	ld
6.15.11	30 Union St.	Birgetta Durnera	ld
6.29.11	1100 Union St.	Richard Serrano	efc
8.13.11	1150 Union St.	T. A. Ame	ll/la
8.13.11	1150 Union St.	I. Ame	ll/la
6.10.11	1169 Union St.	Jamie DeFazio	efc
6.9.11	1203 Union St.	Rachel Stanich	jva
6.12.11	1221 Union St.	Y. Elias	efc
6.15.11	1233 Union St.	Katherine Barnard	la
8.13.11	1272 Union St.	Kelly James	ll/la
7.22.11	1274 Union St.	Vivian Chan	efc & II
6.25.11	1298 Union St.	David Wong	efc
7.2.11	1445 Union St. #1	Linda Lingren	efc
6.10.11	537 Vallejo St.	Teresa O'Brien	ll
6.10.11	766 Vallejo St.	Val Kirwan	efc
6.10.11	1077 Vallejo St.	Frances Malehs	11
6.21.11	1190 Vallejo St.	Stephen Glenn	ld
6.11.11	1224 Vallejo St.	Tim Ng	efc
6.20.11	1250 Vallejo St.	R. Jorasch	ld
6.12.11	1250 Vallejo St. #2	Cathy Karlovich (Sassy-dog)	efc
7.20.11	1250 Vallejo St. #4	Kathleen Carpenter	efc
6.23.11	1270 Vallejo St.	Rodney Tam	ld
7.23.11	1280 Vallejo St.	Martha Van Golder	efc
6.11.11	1317 Vallejo St.	Dwight Donovan	efc
6.8.11	1317 Vallejo St.	Heather Donovan	efc
6.8.11	1322 Vallejo St.	Jermey Hanson	efc
6.8.11	1326 Vallejo St.	Tedo Wendell	efc
6.13.11	1331 Vallejo St.	Jay Yengay	la
9.7.11	1340 Vallejo St.	Danai April	l
9.7.11	1375 Vallejo St.	Tim Yu	11
9.7.11	1379 Vallejo St.	Tim Yu	11 :
6.13.11	1347 Vallejo St.	Nelson Ascenso	efc
6.11.11	1348 Vallejo St.	Kathleen Ralston	efc
6.11.11	1350 Vallejo St.	Kevin Howard	efc
6.13.11	1362 Vallejo St.	Rob Lewis	la
6.13.11	1362 Vallejo St.	Andrea Lewis	la
6.13.11	1371 Vallejo St.	Helen Liu	la
6.9.11	1376 Vallejo St.	Barbara Din	efc
6.9.11	1376 Vallejo St.	William Din	efc
	1378 Vallejo St.	Catherine Becker	efc
6.9.11	1380 Vallejo St.	Richard Bender	efc
6.22.11		Angel Carmillo-Bender	efc
6.22.11		Jeannie Melchin	efc
6.24.11	1393 Vallejo St.	Tony Melchin	efc
6.24.11 6.14.11		Valerie Brot	efc

DATE	IN PROJECT (Updated 9.11.11 ADDRESS	SIGNATURE	CIRCULATOR
6.14.11	1397 Vallejo St.	Cyril Lemerle	efc
7.2.11	1400 Vallejo St.	Jack Beeler	efc
6.10.11	1410 Vallejo St.	Maria Vella	efc
7.21.11	1419 Vallejo St.	Megan Paulsen	efc
7.23.11	1419 Vallejo St.	Michelle Fanst	efc
7.28.11	1425 Vallejo St. #102	Michael Jennings	fl
<u>9.1.11</u>	1425 Vallejo St. #103	Marta Solotal	fl
7.28.11	1425 Vallejo St. #104	Corinne Semonan	fl
7.28.11	1425 Vallejo St. #105	Thomas Chinn	fi
7.28.11	1425 Vallejo St. #106	Allison Barney	fl
7.28.11	1425 Vallejo St. #107	Jason Forney	fl
	1425 Vallejo St. #202	Felix Litman	fl
7.28.11	1425 Vallejo St. #202	SunLee Sou	fl
7.28.11		Juan Higueros	fl
7.28.11	1425 Vallejo St. #203	Lisa Lalanne	fl
7.28.11	1425 Vallejo St. #205	Rubin Chandok	fl
9.2.11	1425 Vallejo St. #206	Rosemary Miller	fl
7.30.11	1425 Vallejo St. #207	Tucker Taylor	fl
7.30.11	1425 Vallejo St. #301		fl
7.28.11	1425 Vallejo St. #303	Seith Bromberger	
8.18.11	1425 Vallejo St. #304	Brian Heisel	fi
7.28.11	1425 Vallejo St. #308	Kendy Morgan	efc
7.9.11	1426 Vallejo St.	Vince Barsocchini	efc
7.3.11	1434 Vallejo St.	Tim Ryan	efc
7.24.11	1440 Vallejo St.	Daniel S. Ford	
7.31.11	1444 Vallejo St.	Lesley Vella	efc
9.7.11	1444 Vallejo St.	Priscilla Regan	
6.20.11	1445 Vallejo St.	Greg Wilson	
9.7.11	1450 Vallejo St. #306	Jeannie Lee	
9.7.11	1450 Vallejo St. #307	Jenny Rosenbaum	
6.9.11	1451 Vallejo St.	Ann Bowman	
6.14.11	1457 Vallejo St.	Craig Rowe	ld
6.23.11	1465 Vallejo St. #3	Richard Knee	ld
6.30.11	1465 Vallejo St. #3	Carolyn Knee	ld
6.22.11	1485 Vallejo St.	Nick Franklin	efc
7.6.11	1530 Vallejo St.	Della Young	vb
7.6.11	1530 Vallejo St.	Cora Young	vb
6.20.11	1534 Vallejo St.	Jean Belibreve	ld
6.14.11	1835 Vallejo St.	Laura Phayre	jva
6.23.11	1405 Van Ness Ave.	Dior Wiener	11
6.20.11	2240 Van Ness Ave.	Anna Ong	efc
6.10.11	2521 Van Ness Ave.	Karen Loewenstern	
6.19.11	1201 Washington St.	A. Raquel	ld
6.10.11	1633 Washington St.	Amy Kaufman	li
7.22.11	35 White St.	Cassandra O'Gara	efc & II
	40 White St.	Andy Donkin	efc
6.8.11	140 Wince De.	J.G. Swenden	la

#### Legend:

efc = Evelyn Fung Carlon fl=Feilix Litman jva = Joslin Van Arsdale la = Laura Alberts ld = Leslie Detaillandier II = Lily Lee vb = Valerie Brot Crave Restaurant

Exhibit H



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appeal of CUP No. 2010.1083C (2041 Larkin St.) Emerson, Andrew C.

to: angela.calvillo 11/28/2011 02:13 PM Cc: Joy.Lamug, victor.young, aaron.hollister Show Details

#### 1 Attachment

BoS\_ltr\_\_for\_2041\_Larkin.pdf

Hi Angela. I am outside counsel for AT&T Mobility. Per your office's instructions, here is a letter that we would like distributed to the Board of Supervisors and included in the record for the appeal of CUP No. 2010.1083C (2041 Larkin St.). If you have any questions, please contact me. Thank you. - Andy

#### Andrew C. Emerson

#### porterwright

Porter Wright Morris & Arthur LLP 41 South High Street | Columbus, OH 43215 Telephone: (614) 227-2104 | Facsimile: (614) 227-2100

aemerson@porterwright.com

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1.

JOHN DI BENE General Attorney Legal Department AT&T Services, Inc. 2600 Camino Ramon Room 2W901 San Ramon, CA 94583

925.543.1548 Phone 925.867.3869 Fax idb@att.com

#### November 28, 2011

Via E-mail [angela.calvillo@sfgov.org]

Angela Calvillo Clerk of Board San Francisco Board of Supervisors 1 Dr. Carlton B. Goodlett Place, Room 244 San Francisco, CA 94102-4689

#### Re: New Cingular Wireless PCS, LLC, CUP No. 2010.1083C 2041 Larkin Street

Dear President Chiu, Board Supervisors Mar, Farrell, Chu, Mirkarimi, Kim, Elsbernd, Wiener, Campos, Cohen, and Avalos:

I write in support of the Planning Commission's September 22, 2011 decision granting New Cingular Wireless PCS, LLC d/b/a AT&T Mobility ("AT&T") a conditional use permit to place a wireless facility at 2041 Larkin Street in San Francisco (the "Site"). Specifically, the purpose of this letter is to (1) respond to Appellant's general concerns regarding whether the Site is necessary, (2) provide a copy of AT&T's September 20, 2011 letter to the Planning Commission, which summarizes the relevant legal requirements and record support underlying the Planning Commission's decision (Attachment A), and (3) provide additional information regarding the type of back-up batteries AT&T intends to use at the Site (Attachment B).

The Site is necessary to close a significant service coverage gap

Appellant contends that the Site is not necessary because AT&T wireless customers in the area surrounding the Site have "four bars" of signal strength. Signal losses and service problems, however, occur for customers even at times when certain other customers in the same vicinity may be able to initiate and complete calls on AT&T's network (or other networks) on their wireless phones. These problems can and do occur even when certain customers' wireless phones indicate "all bars" of signal strength on the handset. The bars of signal strength that individual customers can see on their wireless phones are an imprecise and slow-to-update estimate of service quality. In other words, a customer's wireless phone can show "four bars" of signal strength, but that customer can still, at times, be unable to initiate voice calls, complete calls, or download data reliably and without service interruptions. This is especially the case during times of high demand on the network.

The reason that raw signal strength numbers can be an inadequate measurement of wireless service quality (and thus not be reflective of actual "gaps" in wireless service quality) is that these measurements do not reflect the degradation in the quality of the signal as determined by the Signal-to-Noise ratio in the area at various times of day (during periods of greater usage). AT&T's radio frequency expert, Mr. Gordon Spencer, explains in his statement (which is Attachment A to AT&T's September 20, 2011 letter to the Planning Commission) that while signal strength is an important factor, so is noise, and the more noise that is present in a given vicinity at a particular time of day, the more likely the connections will be unreliable. Signal-to-Noise is a key quality parameter used to determine where service gaps are likely to appear. The maps attached to Mr. Gordon's statement incorporate signal and noise information that, in turn, depict existing service coverage and service coverage gaps in the area around the Site. Thus, despite Appellant's anecdotal statements regarding good signal strength in the area, AT&T's expert explains that there is a significant service coverage gap in the area for which the Site is necessary to close the gap.

## 2. Structural concerns regarding the Site

There were a number of comments at the Planning Commission hearing concerning whether the Site is structurally able to house the proposed wireless antennas and associated equipment. As the Planning Commissioners noted in response to these concerns, once the CUP is approved, construction of the proposed facility requires issuance of a building permit from the San Francisco Department of Building Inspection. That building permit will require that the facility be constructed in a manner consistent with the California Building Code, which incorporates standards for structural safety. As AT&T indicated at the Planning Commission hearing, it is committed to working with the city to make sure any necessary structural safety issues are addressed as part of the building permit process.

#### 3. Attachments

Please find attached a copy of AT&T's September 20, 2011 letter to the Planning Commission (Attachment A). The letter provides clarification regarding supporting record evidence and outlines the relevant legal requirements of the Telecommunications Act of 1996. Importantly, the letter includes AT&T's RF expert's statement explaining how the extraordinary growth of data and voice usage on AT&T's wireless network in this area has adversely affected the reliability and accessibility of the network around the Site, and how the Site is the least intrusive means by which to fill this gap.
Also attached is a letter from Paula Doublin, Assistant Vice President of Construction and Engineering, concerning the back-up batteries AT&T intends to use at the Site (Attachment B). As Ms. Doublin explains, these batteries are used industry wide to provide safe battery back-up service.

### Conclusion

AT&T is diligently trying to upgrade its network to meet the exploding wireless telecommunications demand within San Francisco. It is doing so in a manner that takes prudent and careful consideration of the aesthetic impacts of its facilities and the values the City seeks to promote. AT&T's application is fully consistent with City land use regulations and the WTS guidelines, and upgrading the proposed site would be the least intrusive means by which AT&T could fill the significant wireless service coverage gap in the area. I urge the Board to affirm the Planning Commission's decision approving Conditional Use Permit No. 2010.1083C.

Very truly yours,

John di Bern

John di Bene

cc: Aaron Hollister, SF Planner

Attachment A: AT&T's September 20, 2011 letter to the Planning Commission Attachment B: Letter by Ms. Doublin regarding back-up batteries to be used at Site

### Attachment A



JOHN DI BENE General Attorney Legal Department

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925.543.1548 Phone 925.867.3869 Fax jdb@att.com

September 20, 2011

### Via E-mail [linda.avery@sfgov.org]

Linda Avery Commission Secretary San Francisco Planning Commission 1650 Mission Street, Suite 400 San Francisco, CA 94103

### Re: New Cingular Wireless PCS, LLC, CUP No. 2010.1083C 2041 Larkin Street

Dear President Olague, Vice President Miguel and Commissioners Antonini, Borden, Moore, Sugaya, and Fong:

I write to provide further explanation and illustration of the evidence already in the record in CUP case number 2010.1083C, an application filed by New Cingular Wireless PCS, LLC d/b/a AT&T Mobility ("AT&T") to place a new wireless facility at 2041 Larkin Street in San Francisco (the "Site"). Specifically, the purpose of this letter is to (1) respond to concerns raised in the Russian Hill Community Association's letter and petition opposing the site, (2) provide the Commission with additional clarification of the record evidence concerning the extent of the significant service coverage gap in the area around the Site, (3) provide a supplemental alternative site analysis, and (4) outline the governing legal requirements of the Telecommunications Act of 1996 that require granting the application. This information is consistent with the complete and accurate information that your Staff relied upon in its September 15, 2011 recommendation to approve the permit with conditions and is being provided to the Commission as additional clarification before a final decision.

This application seeks authority for AT&T to install a macro cellular facility at the Site, which is commonly know as the Church of the Fellowship of All Peoples. As described in the application, up to six antennas will be placed inside an existing church steeple. The screens covering the existing steeple openings will be removed and replaced with radio frequency-transparent screens, which will screen the antennas from public view. Necessary equipment will be located outside of public view in an internal room on the second floor of the church. Under the WTS Facility Siting Guidelines, the Site is a Location Preference 1 Site (Preferred Location – Public Structure Site), located in the RH-3 Zoning District.

This Site is necessary for AT&T to close a significant service coverage gap in its wireless network as explained in more detail below. The gap is caused, in part, by the significant demand from AT&T's customers for mobile data usage in the area. This increase is consistent with the 8,000% increase in mobile data demand AT&T experienced network-wide over the past four years. AT&T expects total mobile data volume to grow 8-10 times over the next five years. To put this estimate in perspective, all of AT&T's mobile traffic volume during 2010 would be equal to the mobile traffic volume for a mere six or seven weeks of 2015.

This increased service volume tasks AT&T's network and adversely affects service coverage. High demand for voice and mobile data services cause increased noise on each radio frequency channel — much as it is more difficult to hear when there are many people talking in a crowded room. This noise can degrade the quality of both voice and data wireless services, making it hard to get dial tone, causing dropped calls, or significantly slowing the speed of data services. This type of service degradation is currently being experienced in the area around the Site. The Site is necessary to help address the significant increase in demand, close the resulting service coverage gap, and improve AT&T's service quality in the surrounding area.

This letter provides a general survey of the key federal legal standards governing this application, and it turns to the main substantive issues – that the health concerns regarding radio frequency (RF) emissions raised in this record are preempted by federal law, that granting this application is supported by substantial evidence in the record, and that a denial of the application would be an unlawful prohibition of wireless service. But before doing that, let me begin by offering additional clarification to explain how the growth in wireless service demand has created the significant service coverage gap around the Site.

### The Significant Service Coverage Gap

I.

Attachment A is a statement by Gordon Spencer, an AT&T radio frequency expert. Mr. Spencer's statement explains that during periods of high data usage the AT&T network experiences a significant service coverage gap in the area roughly bordered by Van Ness and Pacific avenues, Hyde and Union streets (the "Significant Gap"). Mr. Spencer's statement provides expert testimony explaining how the extraordinary growth of data and voice usage on AT&T's wireless network in this area has adversely affected the reliability and accessibility of the network around the Site.

Mr. Spencer explains how AT&T's existing facilities in the area cannot adequately serve its customers during these periods of increased usage today, and they do not have the capacity required to handle forecasted usage. He also explains that this gap exists even though there may be reasonable outdoor signal strength in the area (several bars signal strength on a phone, for instance) — the user-generated interference

overwhelms the frequency, which causes the service coverage indoors to be weak and the overall quality of service to be unacceptable. AT&T uses service quality information to indentify the areas in its network where these capacity restraints limit service. Exhibit 2 to Mr. Spencer's statement contains a map that uses service quality information to depict a service coverage gap near the Site, with the yellow shaded cross-hatched areas and the pink shaded areas of the map showing the areas of the service coverage gap.

The service coverage gap identified by Mr. Spencer is significant because it covers a densely populated area and the service quality issues occur during all periods of the day, except late in the evenings. Thus, when AT&T's customers most require use of their mobile devices in the area, and when most users want to use their mobile phones, service coverage is unacceptable. Exhibit 3 to Mr. Spencer's Statement provides a current 24-hour traffic profile for the location, which shows that on a typical workday commercial and residential users in the area currently experience unacceptable service quality — including the inability to access the network to place data and voice calls. The gap area is also significant because it covers not only high-density residential dwelling units but also Broadway and Van Ness Avenue, which are busy thoroughfares that also contain commercial storefronts.

### **II.** Key Legal Requirements

As a FCC-licensed wireless telecommunications services provider, AT&T's placement of its wireless antenna facilities is subject to the federal Telecommunications Act. That statute reconciles any potential conflicts between the need for deployment of a new wireless communications facility ("WCF") and local land use authority "by placing certain limitations on localities' control over the construction and modification of WCFs." *Sprint PCS Assets, LLC v. City of Palos Verdes Estates,* 583 F.3d 716, 721 (9th Cir. 2009). Specifically, as relevant here, the Telecommunications Act preserves local control over land use decisions, subject to the following explicit statutory restrictions:

- The local government must act on a permit application within a reasonable period of time (47 U.S.C. §332(c)(7)(B)(ii)).
- The local government may not regulate the placement, construction, or modification of WCFs on the basis of the environmental effects of radio frequency emissions to the extent such facilities comply with the FCC's regulations concerning such emissions (47 U.S.C. §332(c)(7)(B)(iv));
- Any local government decision to deny a siting request must be in writing and supported by substantial evidence contained in a written record (47 U.S.C. §332(c)(7)(B)(iii));
- The local government may not unreasonably discriminate among providers of functionally equivalent services (47 U.S.C. §332(c)(7)(B)(i)(I)); and
- The local government's decision must not "prohibit or have the effect of prohibiting the provision of personal wireless services" (47 U.S.C. §332(c)(7)(B)(i)(II)).

With this legal framework in mind, I address below certain specific issues that have been raised in the record regarding this application.

# III. Federal Law Preempts Regulation Based on Environmental Effects of Radio Frequency Emissions.

Specific concerns have been raised regarding RF emissions from the Site. As noted above, local governments are specifically precluded from considering any alleged health or environmental effects of RF emissions in making decisions as to the siting of WCFs "to the extent such facilities comply with the FCC's regulations concerning such emissions." See 47 U.S.C. 332(c)(7)(B)(iv). Here, it is beyond dispute that the proposed equipment will operate well below applicable FCC limits.

A RF engineering analysis provided by Hammett & Edison, Inc., Consulting Engineers confirms that the proposed equipment will operate well within (and actually far below) all applicable FCC public exposure limits. A copy of this report is included in the record for this application. Given the compliance with the FCC standards, this application cannot be rejected based on such health concerns of RF emissions. This is true whether those concerns are raised explicitly or indirectly through some proxy such as "property values" or even, in some instances, aesthetics. A federal district court in California has held that in light of the federal preemption of RF regulation, "concern over the decrease in property values may not be considered as substantial evidence if the fear of property value depreciation is based on concern over the health effects caused by RF emissions." AT&T Wireless Services of California LLC v. City of Carlsbad, 308 F.Supp.2d 1148, 1159 (S.D. Cal. 2003).

To the extent that objections to this application are animated by concerns over RF frequency radiation, the Commission cannot consider them.

# IV. The Record Contains Substantial Evidence In Favor Of This Application

As noted above in Part II, the "substantial evidence" requirement means that a local government's decision must be "authorized by applicable local regulations and supported by a reasonable amount of evidence." See *Metro PCS, Inc. v. City and County of San Francisco,* 400 F3d 715, 725 (9th Cir. 2005); *see also Sprint PCS,* 583 F.3d at 726 (a local government decision must be valid under local law and supported by "such relevant evidence as a reasonable mind might accept as adequate to support a conclusion"). In other words, a local government must have specific reasons that are both consistent with the local regulations and supported by substantial evidence in the record to deny a permit. Generalized concerns or opinions about aesthetics are insufficient to constitute substantial evidence upon which a local government could deny a permit. *City of Rancho Palos Verdes v. Abrams,* 101 Cal.App.4th 367, 381 (2002).

Here, the proposed equipment complies with the standards for review (Sections 209.6 and 303 of the San Francisco Planning Code) and the City's WTS Facilities Siting Guidelines. The proposed equipment is also consistent with San Francisco's General Plan, which supports development of technologically advanced communications infrastructure and growth of emerging telecommunications industries. Construction of the proposed facility

requires issuance of a building permit from the San Francisco Department of Building Inspection, which requires that the facility be constructed in a manner consistent with the California Building Code; thus, the applicable building codes incorporate standards for structural safety.

## IV. This Application Must Be Approved Under The Federal "Prohibition" Preemption

As noted above, a municipality cannot act in such a manner so to create an "effective prohibition" of wireless services. Courts have found an "effective prohibition" exists where a wireless carrier demonstrates (1) a "significant gap" in wireless service coverage; and (2) that the proposed facility would provide the "least intrusive means," in relation to the land use values embodied in local regulations, to provide the service coverage necessary to fill that gap. *See e.g., Metro PCS,* 400 F.3d at 734-35; *Sprint PCS,* 583 F.3d at 726. If a wireless carrier satisfies both of these requirements, state and local standards that would otherwise be sufficient to permit denial of the facility are preempted and the municipality must approve the wireless facility. *See T-Mobile USA, Inc. v. City of Anacortes,* 572 F.3d 987, 999 (9th Cir. 2009). When a wireless provider presents evidence of a significant gap and the absence of a less intrusive alternative, the burden shifts to the local government to prove that a less intrusive alternative exists. In order to meet this burden (and overcome the presumption in favor of federal preemption), the local government must show that another alternative is available that fills the significant gap in coverage, that it is technologically feasible, and that it is "less intrusive" than the proposed facility. *Id.,* 572 F.3d at 998-999.

Here, AT&T has met both of these standards. First, AT&T has shown a significant service coverage gap. The evidence submitted in the application and in Mr. Spencer's statement in Attachment A show undisputable evidence of a wireless service coverage gap. As Mr. Spencer's statement explains, this gap is significant: the service degradation is most acute in this residential area both before and after work hours on a typical workday, at which time the coverage and reliability of the network is compromised (dropped calls) and the network becomes inaccessible (inability to connect, slow or no downloads) to users within the Significant Gap. Further, as Mr. Spencer explains, during high usage periods the geographic service coverage of the site contracts and causes gaps in service coverage (depicted by the yellow shaded cross hatched areas in Exhibit 2). Also, there are areas that do not have sufficient signal strength to provide reliable indoor coverage.

AT&T RF engineers have determined that building this site will close this gap and enable AT&T to provide acceptable quality service at times most critical to wireless customers in the area; that is, when they return to their homes on a typical weekday when the need for communication is high and may be critical, particularly in times of crisis.

AT&T has also proven that the Site would be the least intrusive means by which to fill the significant service coverage gap. In San Francisco, the intrusiveness of an application must be determined in reference to the preferences contained in Section 8.1 of the WTS Facilities Siting Guidelines. The Site is a Preference 1 Site (Preferred Location – Public Structure Site) location, which is the preferred location under the Guidelines. Although not

required by the Guidelines, AT&T provided an Alternative Site Analysis in its CUP application and it supplements that analysis with the Alternative Site Analysis attached as Attachment B. AT&T has also complied with each section of the Planning Department's Application Checklist for Conditional Use Applications for Wireless Telecommunications Facilities.

Thus, AT&T has established both a significant wireless service coverage gap and that upgrading the wireless facilities at the Site would be the least intrusive means by which to close the gap. Under federal law, if these two criteria are shown, the facility must be approved.

### **Conclusion**

AT&T is diligently trying to upgrade its network to meet the exploding wireless telecommunications demand within San Francisco. It is doing so in a manner that takes prudent and careful consideration of the aesthetic impacts of its facilities and the values the City seeks to promote. This application is fully consistent with City land use regulations and the WTS guidelines, and upgrading the proposed site would be the least intrusive means by which AT&T could fill the significant wireless service coverage gap in the area. I urge the Planning Commission to approve Conditional Use Permit No. 2010.1083C.

Very truly yours,

John di Bene John di Bene

Aaron Hollister, SF Planner cc:

Attachment A: Statement of Gordon Spencer Attachment B: Alternative Site Analysis

<sup>1</sup> 47 USC §332(c)(7)(B)(i)(II).

### Attachment A

# AT&T MOBILITY CONDITIONAL USE PERMIT APPLICATION 2041 LARKIN STREET

### STATEMENT OF GORDON SPENCER

I served as AT&T's radio frequency engineer with respect to the proposed wireless communications facility at 2041 Larkin Street (the "Property"). Based on my personal knowledge of the Property and with AT&T's wireless network, as well as my review of AT&T's records with respect to the Property and its wireless telecommunications facilities in the surrounding area, I have concluded that the work associated with this permit request is needed to close a significant service coverage gap in the area roughly bordered by Van Ness and Pacific Avenues, Hyde and Union Streets. As explained below, the service coverage gap is caused by obsolete and inadequate infrastructure along with increased use of wireless broadband services (3G Smartphone) in the area.

AT&T installed the existing wireless equipment years ago as an accessory use to the nearby Property at 1515 Broadway. This site was never designed to provide service coverage for the surrounding area, and the coverage provided beyond the Property is not sufficient. AT&T seeks to replace the existing infrastructure because the following limitations cause quality of service issues, which are exacerbated with increased usage. First, the existing antennas cannot be down-tilted and, as a result, tend to over propagate along intersecting streets. This causes downlink interference to mobile devices that are connected to other sites. The new antennas may be down-tilted and remedy this problem.

Second, the existing equipment does not have uplink diversity, which causes mobile devices connected to this site to transmit at a higher level. The higher level transmission causes increased noise that saturates the uplink for both this site and on surrounding sites. This, in turn, leads to mobile devices connected to other sites increasing their power to overcome the high uplink noise level, which cause the same noise issues described below as sites that experience service coverage gaps during high demand periods. The new equipment addresses this problem because it has uplink diversity.

Third, the existing antennas are too low to the ground and, as a result, do not provide acceptable in-building coverage beyond the buildings they are near and do not provide acceptable coverage on adjacent streets. The new antennas are higher and, combined with the ability to be down-tilted, will provide broader service coverage, especially in-building coverage. As explained further in Exhibit 1, AT&T's existing facilities cannot adequately serve its customers in the desired area of coverage, let alone address rapidly increasing data usage. Although there is reasonable outdoor signal strength in the area, coverage indoors is weak and the quality of service overall is unacceptable.

AT&T uses Signal-to-Noise information to indentify the areas in its network where capacity restraints limit service quality. This information is developed from many sources including terrain and clutter databases, which simulate the environment, and propagation models that simulate signal propagation in the presence of terrain and clutter variation. Signal-to-Noise information measures the difference between the signal strength and the noise floor within a radio frequency channel, which, in turn, provides a measurement of service quality in an area. Although the signal level may be adequate by itself, the noise level fluctuates with usage due to the nature of the 3G technology and at certain levels of usage the noise level rises to a point where the signal-to-noise ratio is not adequate to maintain a good level of service. In other words, while the signal itself fluctuates as a function of distance of the user from the base station, the noise level fluctuates with the level of usage on the network on all mobiles and base stations in the vicinity. Signal-to-Noise information identifies where the radio frequency channel is usable; as noise increases during high usage periods, the range of the radio frequency channel is usable; such that the service coverage area for the cell restricts.

Exhibit 2 to this Statement is a map of existing service coverage (without the proposed installation at the Property) in the area at issue. It includes service coverage provided by existing AT&T sites. The green shaded areas depict areas within a Signal-to-Noise range that provide acceptable service coverage even during high demand periods. Thus, based upon current usage, customers are able to initiate and complete voice or data calls either outdoors or most indoor areas at any time of the day, independent of the number of users on the network. The yellow

shaded cross-hatched areas depict areas within a Signal-to-Noise range that results in a service coverage gap during high demand periods. In this area, severe service interruptions occur during periods of high usage, but reliable and uninterrupted service may be available during low demand periods. The pink shaded areas depict areas within a Signal-to-Noise range where there is a service coverage gap at all times, especially indoors. The availability of reliable and uninterrupted voice and data service in all three of these areas can depend greatly upon whether a particular user is indoors, outdoors, stationary, or in transit. Under AT&T's wireless customer service standards, any area in the pink or yellow cross-hatched category is considered inadequate service coverage and constitutes a service coverage gap.

Exhibit 3 to this Statement depicts the current actual voice and data usage in the immediate area. In actuality, the service coverage footprint is constantly changing; wireless engineers call it "cell breathing" and during high usage periods, as depicted in the chart, the service coverage gap increases substantially. The time periods for which service is not available under highest usage conditions (as depicted in the yellow shaded cross-hatched area in Exhibit 2) is significant. Based upon my review of the maps and the usage data, it is my opinion that the service coverage gap is significant.

Exhibit 4 to this Statement is a map that predicts service coverage based on Signal-to-Noise information in the vicinity of the Property if antennas are placed as proposed in the application. As shown by this map, placement of the equipment at the Property closes the significant service coverage gap.

I have a Masters Degree in Electrical Engineering from the University of California (UCLA) and have worked as an engineering expert in the Wireless Communications Industry for over 25 years.

3

Gordon Spencer

September 16, 2011

# **EXHIBIT 1**

# AT&T MOBILITY CONDITIONAL USE PERMIT APPLICATION

### <u>EXHIBIT 1</u> Prepared by AT&T Mobility

AT&T's digital wireless technology converts voice or data signals into a stream of digits to allow a single radio channel to carry multiple simultaneous signal transmissions. This technology allows AT&T to offer services such as secured transmissions and enhanced voice, high-speed data, texting, video conferencing, paging and imaging capabilities, as well as voicemail, visual voicemail, call forwarding and call waiting that are unavailable in analog-based systems. With consumers' strong adoption of smart phones, customers now have access to more than 240,000 wireless broadband applications; a number that surely will keep growing as, according to FCC Chairman Julius Genachowski, consumers spent over \$6.2 billion in mobile broadband applications stores in 2010.

AT&T customers are using these applications in a manner that has caused an 8,000%increase in mobile data usage on AT&T's network over the past four years. AT&T expects total mobile data volume to grow 8x-10x over the next five years. To put this estimate in perspective, all of AT&T Mobility's mobile traffic during 2010 would be equal to only six or seven weeks of mobile traffic volume in 2015.

Mobile devices using AT&T's technology transmit a radio signal to antennas mounted on a tower, pole, building, or other structure. The antenna feeds the signal to electronic devices housed in a small equipment cabinet, or base station. The base station is connected by microwave, fiber optic cable, or ordinary copper telephone wire to the Radio Network Controller, subsequently routing the calls and data throughout the world. The operation of AT&T's wireless network depends upon a network of wireless communications facilities. The range between wireless facilities varies based on a number of factors. The range between AT&T mobile telephones and the antennas in San Francisco, for example, is particularly limited as a result of topographical challenges, blockage from buildings, trees, and other obstructions as well as the limited capacity of existing facilities.

To provide effective, reliable, and uninterrupted service to AT&T customers in their cars, public transportation, home, and office, without interruption or lack of access, coverage must overlap in a grid pattern resembling a honeycomb.

In the event that AT&T is unable to construct or upgrade a wireless communications facility within a specific geographic area, so that each site's coverage reliably overlaps with at least one adjacent facility, AT&T will not be able to provide service consistent with its obligations under its FCC license to the consumers within that area. Some consumers will experience an abrupt loss of service. Others will be unable to obtain reliable service, particularly during periods of high usage.

Consumers may also experience service coverage gaps in situations where coverage overlaps and AT&T's outdoor signal strength is strong. Even in these areas AT&T can experience significant service coverage gaps, especially in its 3G network due to high "noise" level and for vehicular traffic or indoors where more and more users are finding cellular service a necessity. The following paragraphs provide a simplified explanation of why these service coverage gaps exist even though signal strength may appear strong.

AT&T operates a 3G network within the City of San Francisco. 3G means that the mobile telecommunications network can achieve specific benchmark data rates. In AT&T's 3G

network, every mobile transmitter shares the same frequency with other mobile transmitters; likewise, every base transmitter shares the same frequency with other base transmitters. Under normal circumstances, this means mobile transmitters would interfere with each other and base transmitters would interfere with other base transmitters. CDMA (code division multiple access) technology used in AT&T's 3G network, however, gives individual receivers the ability to' distinguish each transmitter from every other transmitter. Put differently, CDMA is analogous to people speaking the same language being able to communicate and understand each other, but other languages are perceived as noise and rejected. This ability to discriminate based upon different "codes" breaks down, and where it breaks down it create gaps in service coverage, even when the network has been perfectly optimized and signal strength may otherwise appear strong. This problem generally occurs in the following three general scenarios:

Scenario 1: There is a gap in coverage when several transmitters can be received at roughly equal signal levels. This might occur when the receiver is equidistant from multiple transmitters and no one transmitter predominates; this is much more likely to occur, based upon geometry, when the receiver is relatively far from all of the transmitters.

Scenario 2: There is a gap in coverage when many users are utilizing the same cell site transmitter. In this scenario each user generates interference to every other user on the shared channel. In order to minimize this self-generated interference, the users that are furthest from the site are prevented from using the channel. In essence, the coverage from this particular cell shrinks as usage increases.

Scenario 3: No signals can reach the receiver at sufficient strength to be decoded. This is the classical signal coverage scenario that plagues all forms of communication and is generally what is indicated when your phone shows zero bars.

Service problems caused by any of the scenarios above can and do occur for customers even in locations where the coverage maps on AT&T's "Coverage Viewer" website appear to indicate that coverage is available. As the legend to the Coverage Viewer maps indicates, these maps depict an *approximation* of coverage; *actual* coverage in an area may differ substantially from map graphics, and may be affected by such things as terrain, foliage, buildings and other construction, motion, customer equipment, and network traffic.

It is also important to note that the signal losses and service problems described above can and do occur for customers even at times when certain other customers in the same vicinity may be able to initiate and complete calls on AT&T's network (or other networks) on their wireless phones. These problems also can and do occur even when certain customers' wireless phones indicate "all bars" of signal strength on the handset.

The bars of signal strength that individual customers can see on their wireless phones are an imprecise and slow-to-update estimate of service quality. In other words, a customer's wireless phone can show "four bars" of signal strength, but that customer can still, at times, be unable to initiate voice calls, complete calls, or download data reliably and without service interruptions. Scenarios 1 and 2 above cause this result.

The reason that raw outdoor signal strength numbers can be an inadequate measurement of wireless service quality (and thus not be reflective of actual "gaps" in wireless service quality) is that these measurements do not reflect the degradation in the quality of the signal as determined by the Signal-to-Noise ratio in the area at various times of day (during periods of greater usage, like in scenario 2 above). While signal strength is an important factor, so is noise, and the more noise that is present in a given vicinity at a particular time of day, the more likely the connections will be unreliable. Signal-to-Noise is a key quality parameter used to determine where service gaps are likely to appear.

To determine where new or upgraded telecommunications facilities need to be located for the provision of reliable service in any area, AT&T's radio frequency engineers rely on far more complete tools and data sources than just signal strength from individual phones. AT&T creates maps incorporating signal <u>and</u> noise information that, in turn, depict existing service coverage and service coverage gaps in a given area.

The service coverage gap is caused in part by a high demand for voice and data service being requested in the coverage area, similar to scenario 2 above, and the insufficient resources to handle the requests; this may be defined as a capacity constraint. The high demand for services causes increased "noise" on each frequency, much like having more individuals all talking at the same time in a room causes more "noise" that makes it harder to hear. In the case of the room full of people analogy, picture a void being created as people crowd closer and closer to each other in order to be able to hear. This natural contraction of crowds of people results in open spaces in the room; if these spaces are partitioned off, then people will have new defined spaces within which they can hold conversations.

During peak usage times, this capacity constraint can degrade the quality of both voice and data services provided to customers in this area, and can reduce services in the pink and yellow shaded cross-hatched areas as shown on the attached map in Exhibit 2.

The restriction of the site's service coverage area occurs during high usage periods because, during those times, many users are utilizing the same existing cell site transmitter. In this scenario each user generates interference to every other user on the shared channel. In order to minimize this self-generated interference, the users that are furthest from the existing site are prevented from using the channel. In essence, the coverage from this particular site shrinks as usage increases. As set forth in Exhibit 2, this has caused a significant service coverage gap in AT&T's network.

To rectify this significant gap in its service coverage, AT&T needs to locate a wireless facility in the immediate vicinity of the Property. To continue the analogy above, AT&T must utilize the voids or "gaps" that occur in the crowded room to create new spaces and redistribute the people in the room so that more people can carry on intelligible conversations.

Exhibit 2

Proposed Site at 2041 Larkin St (CC2348) Service Area BEFORE site is constructed



Exhibit 3





Current 24-Hour Traffic Profile for the Location of CC2348



Exhibit 4

# Proposed Site at 2041 Larkin St (CC2348) Service Area AFTER site is constructed



### Attachment B

AT&T real estate and construction experts work through Section 8.1 of the WTS Facilities Siting Guidelines, which state the "Preferred Locations Within A Particular Service Area." The team examines preferred locations (most desirable to least desirable under Section 8.1) until a location is found to close the significant service coverage gap.

Once a location is identified, the team confirms that the site is (1) serviceable (it has sufficient electrical power and telephone service as well as adequate space for equipment cabinets, antennas, construction, and maintenance) and (2) meets necessary structural and architectural requirements (the existing structure is not only sturdy enough to handle the equipment without excessive modification but also that the antennas may be mounted in such a way that they can meet the dual objective of not being obstructed while also being visually obscured or aesthetically unobtrusive).

The following represents the results of this investigation, and the team's analysis of each alternative location. The attached map shows the location of each of the alternatives that AT&T investigated.

### **Location Preference**

Pursuant to the WTS Guidelines, the proposed installation located at 2041 Larkin Street (the Subject Location) is a Preference 1 Location, the most preferred under the WTS Guidelines.

Preference 1 Locations are defined as follows: Publicly-used structures. Public facilities such as police or fire stations, libraries, community centers, utility structures, water towers, elevated roadways, bridges, flag poles, smokestacks, telephone switching facilities, or other public structures. Where the installation complies with all FCC regulations and standards, schools, hospitals, health centers, places of worship, or other institutional structures should also be considered.

### Site Justification

The Subject Location is a church (place of worship) located within the RH-3 (Residential-House, Three Family) zoning district. The proposed antennas would be located within the church steeple, entirely screened from view. The associated equipment cabinets would be located within an equipment room on the second floor of the Subject Location, not visible to the public. As the only Preference 1 Preferred Location within the defined search area, and where the proposed facility is entirely screened from view, the Subject Location is the least intrusive means by which AT&T Mobility can close the existing significant service coverage gap.

The area within the search ring is primarily comprised of multi-family residential buildings within the RH-3, RM-1 and RM-2 districts. Just outside of the search area to the west and south are the Polk Street Neighborhood Commercial and Pacific Avenue Neighborhood Commercial District respectively. Residential buildings located within the RH and RM districts are considered Preference 7 Disfavored Locations under the WTS Guidelines; therefore, the defined search area provides little opportunity for the construction of a WTS facility. The below list of alternative site locations evaluated by AT&T demonstrates that there is no less intrusive site than the Proposed Location to fill the significant service coverage gap.

- 1. <u>Publicly-used structures</u>: Other than the Subject Location at 2041 Larkin Street, there were no other Preference 1 Locations identified within the search area.
- 2. <u>Co-Location Sites:</u> There are no Preference 2 Locations identified within the search area
- 3. <u>Industrial or Commercial Structures</u>: There are no Preference 3 Locations identified within the search area
- 4. <u>Industrial or Commercial Structures:</u> There are no Preference 4 Locations identified within the search area
- 5. Mixed-Use Buildings: There are no Preference 5 Locations identified within the search area
- 6. Limited Preference Sites: There are no Preference 6 Locations identified within the search area
- 7. Disfavored Sites:



Alternative A- 2061 Larkin Street 0572/083-085

The building located at 2061 Larkin Street is a wholly residential building located within the RH-3 zoning district, a Preference 7 Location under the WTS Guidelines. The Subject Location is a Preference 1 Location, the most preferred under the WTS Guidelines, and therefore the least intrusive means by which AT&T Mobility can close the existing significant service coverage gap. As a result, it was determined that this alternative was not the most suitable candidate within the defined search area.



Alternative B – 2055 Larkin Street 0572/002

The building located at 2055 Larkin Street is a wholly residential building located within the RH-3 zoning district and is considered to be a Preference 7 Location under the WTS Guidelines. The Subject Location is a Preference 1 Location, the most preferred under the WTS Guidelines, and therefore the least intrusive means by which AT&T Mobility can close the existing significant service coverage gap. As a result, it was determined that this alternative was not the most suitable candidate within the defined search area.



Alternative C- 2037-39 Street 0572/004

The building located at 2037-39 Larkin Street is a wholly residential building located within the RH-3 zoning district and is considered to be a Preference 7 Location under the WTS Guidelines. The Subject Location is a Preference 1 Location, the most preferred under the WTS Guidelines, and therefore the least intrusive means by which AT&T Mobility can close the existing significant service coverage gap. As a result, it was determined that this alternative was not the most suitable candidate within the defined search area.



Alternative D-2031-35 Larkin Street 0572/005

The building located at 2031-35 Larkin Street is a wholly residential building located within the RH-3 zoning district and is considered to be a Preference 7 Location under the WTS Guidelines. The Subject Location is a Preference 1 Location, the most preferred under the WTS Guidelines, and therefore the least intrusive means by which AT&T Mobility can close the existing significant service coverage gap. As a result, it was determined that this alternative was not the most suitable candidate within the defined search area.



Alternative E – 2025-29 Larkin Street 0572/006

The building located at 2025-29 Larkin Street is a wholly residential building located within the RH-3 zoning district and is considered to be a Preference 7 Location under the WTS Guidelines. The Subject Location is a Preference 1 Location, the most preferred under the WTS Guidelines, and therefore the least intrusive means by which AT&T Mobility can close the existing significant service coverage gap. As a result, it was determined that this alternative was not the most suitable candidate within the defined search area.



Alternative F-2019-23 Larkin Street 0572/007

The building located at 2019-23 Larkin Street is a wholly residential building located within the RH-3 zoning district and is considered to be a Preference 7 Location under the WTS Guidelines. The Subject Location is a Preference 1 Location, the most preferred under the WTS Guidelines, and therefore the least intrusive means by which AT&T Mobility can close the existing significant service coverage gap. As a result, it was determined that this alternative was not the most suitable candidate within the defined search area.



Alternative G- 1400-04 Broadway 0572/008

The building located at 1400-04 Broadway is a wholly residential building located within the RH-3 zoning. district and is considered to be a Preference 7 Location under the WTS Guidelines. The Subject Location is a Preference 1 Location, the most preferred under the WTS Guidelines, and therefore the least intrusive means by which AT&T Mobility can close the existing significant service coverage gap. As a result, it was determined that this alternative was not the most suitable candidate within the defined search area.



Alternative H- 1390 Broadway 0153/021

The building located at 1390 Broadway is a wholly residential building located within the RH-3 zoning district and is considered to be a Preference 7 Location under the WTS Guidelines. The Subject Location is a Preference 1 Location, the most preferred under the WTS Guidelines, and therefore the least intrusive means by which AT&T Mobility can close the existing significant service coverage gap. As a result, it was determined that this alternative was not the most suitable candidate within the defined search area.



Alternative I- 2006 Larkin Street 0153/044-046

The building located at 2006 Larkin Street is a wholly residential building located within the RH-3 zoning district and is considered to be a Preference 7 Location under the WTS Guidelines. The Subject Location is a Preference 1 Location, the most preferred under the WTS Guidelines, and therefore the least intrusive means by which AT&T Mobility can close the existing significant service coverage gap. As a result, it was determined that this alternative was not the most suitable candidate within the defined search area.



Alternative J – 2008-10 Larkin Street 0153/022A

The building located at 2008-10 Larkin Street is a wholly residential building located within the RH-3 zoning district and is considered to be a Preference 7 Location under the WTS Guidelines. The Subject Location is a Preference 1 Location, the most preferred under the WTS Guidelines, and therefore the least intrusive means by which AT&T Mobility can close the existing significant service coverage gap. As a result, it was determined that this alternative was not the most suitable candidate within the defined search area.



Alternative K -2020-24 Larkin Street 0153/023

The building located at 2020-24 Larkin Street is a wholly residential building located within the RH-3 zoning district and is considered to be a Preference 7 Location under the WTS Guidelines The Subject Location is a Preference 1 Location, the most preferred under the WTS Guidelines, and therefore the least intrusive means by which AT&T Mobility can close the existing significant service coverage gap. As a result, it was determined that this alternative was not the most suitable candidate within the defined search area.



Alternative L -2028-30 Larkin Street 0153/024

The building located at 2028-30 Larkin Street is a wholly residential building located within the RH-3 zoning district and is considered to be a Preference 7 Location under the WTS Guidelines. The Subject Location is a Preference 1 Location, the most preferred under the WTS Guidelines, and therefore the least intrusive means by which AT&T Mobility can close the existing significant service coverage gap. As a result, it was determined that this alternative was not the most suitable candidate within the defined search area.



Alterative M – 2032-36 Larkin Street 0153/025

The building located at 2032-36 Larkin Street is a wholly residential building located within the RH-3 zoning district and is considered to be a Preference 7 Location under the WTS Guidelines The Subject Location is a Preference 1 Location, the most preferred under the WTS Guidelines, and therefore the least intrusive means by which AT&T Mobility can close the existing significant service coverage gap. As a result, it was determined that this alternative was not the most suitable candidate within the defined search area.



Alternative N- 2040-44 Larkin Street 0153/026

The building located at 2040-44 Larkin Street is a wholly residential building located within the RH-3 zoning district and is considered to be a Preference 7 Location under the WTS Guidelines. The Subject Location is a Preference 1 Location, the most preferred under the WTS Guidelines, and therefore the least intrusive means by which AT&T Mobility can close the existing significant service coverage gap. As a result, it was determined that this alternative was not the most suitable candidate within the defined search area.



Alternative O – 2048 Larkin Street 0153/027

The building located at 2048 Larkin Street is a wholly residential building located within the RH-3 zoning district and is considered to be a Preference 7 Location under the WTS Guidelines. The Subject Location is a Preference 1 Location, the most preferred under the WTS Guidelines, and therefore the least intrusive means by which AT&T Mobility can close the existing significant service coverage gap. As a result, it was determined that this alternative was not the most suitable candidate within the defined search area.


Alternative P – 1417-19 Vallejo Street 0572/025

The building located at 1417-19 Vallejo Street is a wholly residential building located within the RH-3 zoning district and is considered to be a Preference 7 Location under the WTS Guidelines. The Subject Location is a Preference 1 Location, the most preferred under the WTS Guidelines, and therefore the least intrusive means by which AT&T Mobility can close the existing significant service coverage gap. As a result, it was determined that this alternative was not the most suitable candidate within the defined search area.



Alternative Q- 1425 Vallejo Street 0572/062-082

The building located at 1425 Vallejo Street is a wholly residential building located within the RH-2 zoning district and is considered to be a Preference 7 Location under the WTS Guidelines. The Subject Location is a Preference 1 Location, the most preferred under the WTS Guidelines, and therefore the least intrusive means by which AT&T Mobility can close the existing significant service coverage gap. As a result, it was determined that this alternative was not the most suitable candidate within the defined search area.



Alternative R- 2101 Larkin Street 0549/007

The building located at 2101 Larkin Street is a wholly commercial building located within the RH-3 zoning district and is considered to be a Preference 7 Location under the WTS Guidelines. The Subject Location is a Preference 1 Location, the most preferred under the WTS Guidelines, and therefore the least intrusive means by which AT&T Mobility can close the existing significant service coverage gap. As a result, it was determined that this alternative was not the most suitable candidate within the defined search area.



Alternative S – 1424 Vallejo Street 0549/008

The building located at 1424 Vallejo Street is a wholly residential building located within the RH-3 zoning district and is considered to be a Preference 7 Location under the WTS Guidelines. The Subject Location is a Preference 1 Location, the most preferred under the WTS Guidelines, and therefore the least intrusive means by which AT&T Mobility can close the existing significant service coverage gap. As a result, it was determined that this alternative was not the most suitable candidate within the defined search area.



Alternative T – 1430-34 Vallejo Street 0549/007

The building located at 1430-34 Vallejo Street is a wholly residential building located within the RH-3 zoning district and is considered to be a Preference 7 Location under the WTS Guidelines. The Subject Location is a Preference 1 Location, the most preferred under the WTS Guidelines, and therefore the least intrusive means by which AT&T Mobility can close the existing significant service coverage gap. As a result, it was determined that this alternative was not the most suitable candidate within the defined search area.



Alternative U -1436-40 Vallejo Street 0549/030

The building located at 1436-40 Vallejo Street is a wholly residential building located within the RH-3 zoning district and is considered to be a Preference 7 Location under the WTS Guidelines. The Subject Location is a Preference 1 Location, the most preferred under the WTS Guidelines, and therefore the least intrusive means by which AT&T Mobility can close the existing significant service coverage gap. As a result, it was determined that this alternative



Alternative V – 2107 Larkin Street 0549/006

The building located at 2107 Vallejo Street is a wholly residential building located within the RH-3 zoning district and is considered to be a Preference 7 Location under the WTS Guidelines. The Subject Location is a Preference 1 Location, the most preferred under the WTS Guidelines, and therefore the least intrusive means by which AT&T Mobility can close the existing significant service coverage gap. As a result, it was determined that this alternative was not the most suitable candidate within the defined search area.



Alternative W- 2100 Larkin Street 0124/028

The building located at 2100 Larkin Street is a mixed use residential above commercial building located within the RH-3 zoning district and is considered to be a Preference 7 Location under the WTS Guidelines. The Subject Location is a Preference 1 Location, the most preferred under the WTS Guidelines, and therefore the least intrusive means by which AT&T Mobility can close the existing significant service coverage gap. As a result, it was determined that this alternative was not the most suitable candidate within the defined search area.

	Location	Block/Lot	Zoning District	Building Type	WTS Pref.
	2061 Larkin	0572/083-	RH-3	Wholly Residential	7
	Street	085			
		0572/002	RH-3	Wholly Residential	7
	2055 Larkin Street	0572/002			
	Street		·		7
	2037-39	0572/004	RH-3	Wholly Residential	
	Larkin Street	- `			
	2031-35	0572/005	RH-3	Wholly Residential	7
	Larkin Street	1. J.			
		0572/006	RH-3	Wholly Residential	7
	2025-29	0572/008			
	Larkin Street				7
	2019-23	0572/007	RH-3	Wholly Residential	
	Larkin Street				
 5	1400-04	0572/008	RH-3	Wholly Residential	7
•	Broadway				
		0452/024	RH-3	Wholly Residential	7
<b>-</b>  ∙ .	1390	0153/021	KH-3		
	Broadway				
	2006 Larkin	0153/044-	RH-3	Wholly Residential	7
	Street	046			
1	2008-10	0153/022A	RH-3	Wholly Residential	7
	Larkin Street				
• .				Wholly Residential	7
К	2020-24	0153/023	RH-3	vviiony nesidentiat	
	Larkin Street				
L	2028-30	0153/024	RH-3	Wholiy Residential	7
	Larkin Street				
	2032-36	0153/025		Wholly Residential	7
Μ	Larkin Street				
				Wholly Residential	7
N	2040-44	0153/026	RH-3	WHORY RESIDENCE	
	Larkin Street				· · · · · · · · · · · · · · · · · · ·
0	2048 Larkin	0153/027	RH-3	Wholly Residential	7
_	Street				9
		0572/025	5 RH-3	Wholly Residential	7
Р	1417-19 Vallejo Stree	· ·			
l	vanejo su ee				

Q	1425 Vallejo	0572/062-	RH-2	Wholly Residential	. 7
	Street	082	1 1 1		
R	2101 Larkin	0549/007	RH-3	 Wholly Commercial	7
	Street				
S	1424 Vallejo	0549/008	RH-3	Wholly Residential	7
	Street				
Т	1430-34	0549/009	RH-3	 Wholly Residential	7.
- -	Vallejo Street				
U	1436-40	0549/030	RH-3	 Wholly Residential	7
	Vallejo Street				
V	2107 Vallejo	0549/006	RH-3	Wholly Residential	7
	Street				
Ŵ	2100 Larkin	0124/028	RH-3	Mixed Use – Residential and	7
	Street			 Commercial	



Alternative Site Locations Map with Zoning District Overlay

Approximate Service Coverage Objective

## Attachment B



P. L. Doublin AVP – Construction & Engineering Antenna Solutions Group Network Advanced Technologies AT&T Services, Inc. 1801 Valley View Lane Suite ASG026 Farmers Branch, TX 75234 T: 972.706.3717 F: 972.706.3707 paula.doublin@att.com <u>www.att.com</u>

November 15, 2011

To Whom It May Concern:

## AT&T Cell Site Safety

A cell site is a location that houses antennas and radio equipment. The site is usually in the form of a tower or monopole, but can also be on a rooftop, on the side of a building, on a water tower, or even inside of a building like an airport terminal.

Through the use of cell sites, AT&T provides mobile telephone and data services across the world for over 300 million people. In the United States, there are over sixty thousand cell sites with AT&T equipment.

The equipment AT&T uses in cell sites typically consists of a combination of antennas, Base Transceiver Stations (BTS) which provides 2G service, NodeBs - which provides 3G/HSPA+ service, or eNodeBs - which provides 4G service. Cell sites communicate via two way radio signals (i.e. radio spectrum) from a wireless device, such as a cell phone, to a cell site's antennas. The antennas, in turn, transmit the radio spectrum to the BTS', NodeBs, and/or eNodeBs which transport the signal to a wireless switch for routing.

Equipment at AT&T cell sites require power. AT&T depends on electric power for continued delivery of service, particularly as active electronics equipment in the network becomes less centralized and more distributed. Emergency battery back-up is often mandated by governmental regulations. In each cell site, it is AT&T's standard to deploy a valve regulated lead acid (VRLA) battery for use as emergency backup. VRLA batteries have a history of safe, reliable use by AT&T, other telecommunications providers and wireless service providers.

Batteries allow AT&T cellular services to continue to function when commercial power fails. They serve the same function in backup applications for traffic signaling, air traffic control, and utilities around the world by municipalities, such as the City and County of San Francisco. In active cell sites, AT&T maintains a minimum of 2 hours battery back-up in facilities where generators exist and from 4 to 8 hours of battery back-up for sites without an emergency generator. Duration of required backup and the number of batteries required go hand-in-hand. Longer durations require more batteries.

AT&T requires its cell sites to be built to the specifications of Telecommunications Standards to ensure safety. The Telecommunications Standards generally exceed the standards of the National Electrical Code (NEC). AT&T strictly adheres to federal, state, and local regulations to insure that materials such as batteries are properly installed and maintained by qualified personnel.

AT&T also requires that equipment meet certain criteria before approving it for deployment within the AT&T network and has stringent guidelines for the installation of such equipment. Technical publications regarding AT&T's equipment and installation requirements are available to the public at:

https://ebiznet.sbc.com/sbcnebs/index.htm



P. L. Doublin AVP – Construction & Engineering Antenna Solutions Group Network Advanced Technologies AT&T Services, Inc. 1801 Valley View Lane Suite ASG026 Farmers Branch, TX 75234 T: 972.706.3717 F: 972.706.3707 paula.doublin@att.com www.stt.com

Technical publication ATT-TP-76300 specifically outlines installation requirements for power and equipment at AT&T facilities and ATT-TP-76200 describes the physical design requirements and evaluation process for approved AT&T network equipment. AT&T takes safety seriously and enforces it through its Environmental, Health & Safety department.

Sincerely,

Doublin

Paula Doublin



SAN FRANCISCO PLANNING DEPARTMENTECEIVED

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COB

1650 Mission St. Suite 400

San Francisco, CA 94103-2479

Reception:

Planning

Information: **415.558.6377** 

Fax:

415.558.6378

415.558.6409

November 22, 2011

Ms. Angela Calvillo, Clerk Board of Supervisors City and County of San Francisco City Hall, Room 244 1 Dr. Carlton B. Goodlett Place San Francisco, CA 94102

Re:

File No. 111183, Planning Case No. 2010.1083C - Appeal of the approval of Conditional Use Authorization for 2041 Larkin Street

## Dear Ms. Calvillo,

This memorandum and the attached documents are a response to the letter of appeal to the Board of Supervisors (the "Board") regarding the Planning Commission's ("Commission") approval of the application for Conditional Use Authorization under Planning Code Sections 303 (Conditional Use Authorization) and 209.6 (Wireless Telecommunications Service Facility), to allow the installation of a wireless telecommunications service ("WTS") facility in an existing church structure in an RH-3 (Residential, House, Three-Family ) Zoning District and a 40-X Height and Bulk District ("the Project").

This response addresses the appeal ("Appeal Letter") to the Board filed on October 24, 2011, by the Russian Hill Community Association. The Appeal Letter referenced the proposed project in Case No. 2010.1083C.

The decision before the Board is whether to uphold or overturn the Planning Commission's approval of Conditional Use Authorization to allow the installation of a WTS facility on 2041 Larkin Street.

Please find attached documents relating to the Planning Department's response to the Appeal Letter. If you have any questions or require further information please do not hesitate to contact me.

Sinterely John Rahaim

Director of Planning

<u>cc:</u> Supervisor David Chiu Attachments (one copy of the following):

Planning Department's Conditional Use Authorization Appeal Response Memo Planning Commission Packet (including final motion no. 18448)



# SAN FRANCISCO PLANNING DEPARTMENT

# **Conditional Use Authorization Appeal** 2041 Larkin Street

1650 Mission St.

Suite 400 San Francisco, CA 94103-2479

Reception: 415.558.6378

November 14, 2011 Fax: DATE: 415.558.6409 Angela Calvillo, Clerk of the Board of Supervisors TO: Planning Information: John Rahaim, Planning Director – Planning Department (415) 558-6411 415.558.6377 FROM: Aaron Hollister, Case Planner – Planning Department (415) 575-9078 File No. 111183, Planning Case No. 2010.1083C - Appeal of the approval of RE: Conditional Use Authorization for 2041 Larkin Street November 22, 2011 proposed for continuance to December 6, 2011 HEARING DATE: ATTACHMENTS: A. Commission Packet (including final motion No. 18448) Amy Million of KDI Planning for AT&T Mobility, 430 Bush Street, 5th Floor, San **PROJECT SPONSOR:** Francisco, CA 94108 Russian Hill Community Association c/o Laura Albert, 1134 Green Street, San APPELLANT: Francisco, CA 94109

### INTRODUCTION

This memorandum and the attached documents are a response to the letter of appeal to the Board of Supervisors (the "Board") regarding the Planning Commission's ("Commission") approval of the application for Conditional Use Authorization under Planning Code Sections 303 (Conditional Use Authorization) and 209.6 (Wireless Telecommunications Service Facility), to allow the installation of a wireless telecommunications service ("WTS") facility in an existing church structure in an RH-3 (Residential, House, Three-Family) Zoning District and a 40-X Height and Bulk District ("the Project").

This response addresses the appeal ("Appeal Letter") to the Board filed on October 24, 2011, by the Russian Hill Community Association. The Appeal Letter referenced the proposed project in Case No. 2010.1083C.

The decision before the Board is whether to uphold or overturn the Planning Commission's approval of Conditional Use Authorization to allow the installation of a WTS facility on 2041 Larkin Street.

#### SITE DESCRIPTION & PRESENT USE

The subject property is located on the west side of Larkin Street between Vallejo Street and Broadway within the RH-3 Zoning District and a 40-X Height and Bulk District. The project site is entirely occupied by a church structure, which was constructed in 1907 and is currently occupied by the Church for the Fellowship of All Peoples.

## SURROUNDING PROPERTIES AND NEIGHBORHOOD

The subject property is located in the Russian Hill neighborhood of San Francisco. The immediate area surrounding the project site is characterized by three to four-story residential buildings that contain apartments or two to three-unit flats. Commercial centers of the area include the Polk Street Neighborhood Commercial District, which is located one block to west of the project site, and the Hyde Street corridor, which is located one block to the east of the project site.

#### **PROJECT DESCRIPTION**

The proposal is to install a macro-cellular wireless telecommunications service ("WTS") facility operated by AT&T Mobility. The proposed WTS facility would consist of up to six antennas located inside an existing church steeple along with equipment located in an internal room. The proposed antennas would be located in six church steeple openings located at the north, south, and west elevations at approximate maximum heights of 52 feet and 59.25 feet respectively. Existing screens covering the steeple openings would be removed and replaced with radio frequency-transparent screens that would replicate the existing screens. All six antennas would measure approximately 51.5 inches high by 11.9 inches wide by 7.1 inches thick and would be screened from public view as would the equipment cabinets located in an internal room located at the second floor of the church.

#### BACKGROUND

## 2010 - Conditional Use Authorization Application filed

The project sponsor submitted a Conditional Use Authorization application on December 8, 2010.

The Project was determined by the Planning Department to be categorically exempt from the environmental review process pursuant to Class 3 exemptions (Section 15303 of the California Environmental Quality Act) of Title 14 of the California Administrative Code

The Department of Public Health ("DPH") reviewed the Project and found that it will comply with the current Federal Communication Commission safety standards for radiofrequency radiation exposure and with the Planning Department's Wireless Guidelines as outlined in DPH's report to the Department dated November 29, 2010.

The subject property is considered a Location Preference 1 since it is located within a place of worship. Further discussion of the siting preferences is provided below.

## 2010 - Conditional Use Authorization hearing

On September 22, 2011, the Commission adopted Motion No. 18448, approving Conditional Use Authorization allowing AT&T Mobility to locate up to six panel antennas in the steeple of the church per

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Planning Code Sections 303 and 209.6(b) at a duly noticed public hearing at a regularly scheduled meeting on Conditional Use Application No. 2010.1083C.

## CONDITIONAL USE AUTHORIZATION REQUIREMENTS

The Planning Commission established guidelines for the installation of wireless telecommunications facilities in 1996 ("Guidelines").1 These Guidelines set forth the land use policies and practices that guide the installation and approval of wireless facilities throughout San Francisco. A large portion of the Guidelines was dedicated to establishing location preferences for these installations. The Board of Supervisors, in Resolution No. 635-96, provided input as to where wireless facilities should be located within San Francisco.2 The Guidelines were updated by the Commission in 2003, requiring community outreach, notification, and detailed information about the facilities to be installed.

Section 8.1 of the Guidelines outlines Location Preferences for wireless facilities. There are five primary areas were the installation of wireless facilities should be located:

- 1. **Publicly-used Structures:** such facilities as fire stations, utility structures, community facilities, places of worship, institutional structures and other public structures;
- 2. **Co-Location Site:** encourages installation of facilities on buildings that already have these installations;
- 3. Industrial or Commercial Structures: warehouses, factories, garages, service stations;
- 4. Industrial or Commercial Structures: supermarkets, retail stores, banks; and
- 5. Mixed Use Buildings in High Density Districts: housing above commercial or other non-residential space.

Before the Planning Commission can review an application to install a wireless facility, the project sponsor must submit a five-year facilities plan, which must be updated biannually, an emissions report and approval by the Department of Public Health, and details about the facilities to be installed.

In addition to the criteria outlined for the installation of a wireless facility, the Commission must also refer to the criteria outlined in Section 303 (Conditional Uses) of the Planning Code. Section 303 states that the following must be met in order for the Commission to grant approval of an application:

- 1. That the proposed use or feature, at the size and intensity contemplated and at the proposed location, will provide a development that is necessary or desirable for, and compatible with, the neighborhood or the community; and
- 2. That such use or feature as proposed will not be detrimental to the health, safety, convenience or general welfare of persons residing or working in the vicinity, or injurious to property, improvements or potential development in the vicinity, with respect to aspects including but not limited to the following:

<sup>1</sup> Wireless Telecommunications Services (WTS) Facilities Siting Guidelines, August 15, 1996.

<sup>2</sup> BOS File No. 189-92-2, Resolution 635-96, dated July 12, 1996.

- The nature of the proposed site, including its size and shape, and the proposed size, a. shape and arrangement of structures;
- The accessibility and traffic patterns for persons and vehicles, the type and volume of such traffic, and the adequacy of proposed off-street parking and loading and of b. proposed alternatives to off-street parking, including provisions of car-share parking spaces, as defined in Section 166 of this Code.
- The safeguards afforded to prevent noxious or offensive emissions such as noise, glare, c. dust and odor;
- d. Treatment given, as appropriate, to such aspects as landscaping, screening, open spaces, parking and loading areas, service areas, lighting and signs; and
- e. That such use or feature as proposed will comply with the applicable provisions of this
- Code and will not adversely affect the General Plan.

If a proposed wireless telecommunications facility meets the criteria outlined in the Guidelines and the criteria outlined in Section 303 of the Code, then the Commission may approve Conditional Use Authorization.

# APPELLANT ISSUES AND PLANNING DEPARTMENT RESPONSES

The Appellant has referenced a letter dated September 14th, 2011 to summarize appeal issues. The September 14<sup>th</sup> letter was not included with the appeal application; however, the appeal application is likely referencing a letter that was submitted to the Planning Commission for consideration at the Planning Commission's September 22<sup>nd</sup> hearing. The concerns raised in the September 14<sup>th</sup> letter to the Planning Commission are cited in a summary below and are followed by the Department's response:

Issue 1: Questions about Citywide Policy Guidance for Wireless Antennas. The Appellant contends that a City-wide wireless system general plan needs to be developed to prevent redundancy in network coverage, especially in light of a proposed AT&T and T-Mobile merger.

Response 1: The City reviews applications for wireless antennas through a process developed by the Commission and reviewed by the Board of Supervisors. The proposed project was reviewed pursuant to the Planning Code, CEQA and policy document that governs the location of wireless antenna facilities titled "the Wireless Telecommunications Services Facilities Siting Guidelines<sup>3</sup> ("Wireless Guidelines"). The Wireless Guideless is a citywide document that reviews relevant policies from the General Plan; indentifies quality of life issues specific to wireless antennae facilities; and establishes City policy specific to siting of wireless telecommunication service (WTS) facilities.

Prior to the adoption of the Wireless Guidelines by the Planning Commission, the Board of Supervisors provided input as to where wireless facilities should be located within San Francisco in Resolution No. 635-964. The Wireless Guidelines were updated by the Commission in 2003, requiring community outreach,

- <sup>3</sup> Wireless Telecommunications Services (WTS) Facilities Siting Guidelines, August 15, 1996.
- <sup>4</sup> BOS File No. 189-92-2, Resolution Number 635-96, dated July 12, 1996.

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notification, and detailed information about the facilities to be installed. Before the Department can approve an application to install a wireless facility, the project sponsor must submit a five-year facilities plan, which must be updated biannually; submit an emissions report; receive approval by the Department of Public Health; complete Section 106 (of the National Historic Preservation Act of 1966) review; and provide details about the facilities to be installed. Staff found that the proposed project complied with these regulations.

The Wireless Siting Guidelines mandate that carriers must demonstrate a need for coverage and capacity upgrades in a defined service area to prevent redundant and unnecessary installations by wireless carriers. Furthermore, the Guidelines require all wireless carriers to submit bi-annual updates to their Five-Year Plans that inventory all existing and proposed wireless site installations in the City. The proposed merger of AT&T and T-Mobile has not yet been finalized and is currently under investigation by the Department of Justice. Therefore, the Department continues to analyze the aforementioned carriers' proposals separately.

Issue 2: Alleged safety concerns are requested to be addressed as part of the Conditional Use authorization. The Appellant contends that the safety and structural integrity of the subject site is in question, and suggests that more structurally sound sites exist to provide AT&T coverage in the area.

Response 2: All structural and life/safety considerations regarding the soundness of the church steeple to support the weight of the antennas will be reviewed by the Department of Building Inspection ("DBI") during Building Permit Application review of the project. If DBI finds that the church steeple is not able to support the antenna installations, then the project will not be able to proceed as proposed.

Issue 3: Questions about the Wireless Siting Guidelines policies for areas zoned as "residential" districts. The Appellant contends that the Wireless Siting Guidelines contain a loophole that allows a proposed wireless site in a residential neighborhood to obtain a higher rating based solely on the site's use rather than taking into account the prevailing land uses in the service area.

Response 3: The Wireless Siting Guidelines allow for the placement of WTS facilities on certain properties in residential districts and "public structures" such as this site are the City's most preferred location. Sites such as this church are the single highest preference location for WTS as identified in the Wireless Siting Guidelines, regardless of zoning district. The City's adopted policy document prescribes that these public structures are the most preferred locations in the City of San Francisco and the project sponsor has accordingly applied to locate the WTS facility where City policy recommends such facilities be placed.

The Wireless Siting Guidelines establish sites such as utility structures, community facilities, places of worship, institutional structures and other public structures as the most preferential locations for WTS facilities largely based on the these structures' abilities to discretely hide WTS facilities from public view independent of zoning and predominant land uses in the area. These structures tend to be larger-than-typical buildings found in neighborhood commercial, mixed-use, and residential areas of the City. Often,

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these contain architectural features such as large penthouses, steeples, and large roof areas that offer more opportunities to strategically place WTS facilities on a building in a matter that would not be visually intrusive. Typically, neighborhood commercial, mixed-use and residential areas of the City tend to contain small-scale buildings that do not offer such opportunities to install a WTS facility.

The Guidelines also ensure that a proposed site will be compatible with surrounding land uses by mandating compliance of the site with the Federal Communications Commission's guidelines for radio frequency exposure. A site is not allowed to proceed for approval until the Department of Public Health has verified that the site's radio frequency emissions have been found to be in compliance with FCC standards. In sum, the Guidelines ensure that a proposed WTS site will not result in any potential health, safety, urban design or neighborhood character issues regardless of a site's location in an industrial, commercial or residential area to ensure harmony with the surrounding land uses.

Issue 4: Request for verification of AT&T findings. The Appellant contends that there needs to be an independent verification of AT&T findings that the proposed WTS site at 2041 Larkin Street is necessary to meet coverage and capacity goals of the proposed service area.

Response 4: The Commission reviewed the coverage and capacity maps under good faith at public hearing; reviewed to all presented materials; listened to public comment; and then used the Commission's discretionary authority to approve the permit. AT&T submitted coverage maps that indicate additional AT&T wireless service is needed in the geographic service area. The demand for data required to operate smart devices such as phones, pads and other mobile equipment is anticipated to continue to grow exponentially.

#### CONCLUSION

In the Commission's authorization of the Conditional Use, the project was found to be necessary and desirable to augment AT&T's existing coverage and capacity for its voice and data services. In the Commission's authorization of the Conditional Use, the project was found to be visually compatible with the neighborhood as the WTS site would not be visible from public rights-of-way and public places.

For the reasons stated above, the Planning Department recommends that the Board uphold the Planning -Commission's decision in approving the Conditional Use authorization for 2041 Larkin Street and deny the Appellant's request for appeal.



# SAN FRANCISCO PLANNING DEPARTMENT

## Executive Summary Conditional Use Authorization HEARING DATE: SEPTEMBER 22, 2011

Date: Case No.: Project Address: Current Zoning:

Block/Lot: Project Sponsor: 2041 Larkin Street RH-3 (Residential, House, Three-Family) District 40-X Height and Bulk District 0192/041 Amy Million of KDI Planning for AT&T Mobility 430 Bush Street, 5<sup>th</sup> Floor San Francisco, CA 94108 Aaron Hollister – (415) 575-9078 <u>aaron.hollister@sfgov.org</u> Approval with Conditions

September 15, 2011

2010.1083C

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

Reception: 415.558.6378

Fax: 415.558.6409

Planning Information: 415.558.6377

Staff Contact:

Recommendation:

#### **PROJECT DESCRIPTION**

The proposal is to install a macro-cellular wireless telecommunications service ("WTS") facility operated by AT&T Mobility. The proposed WTS facility would consist of up to six antennas located inside an existing church steeple along with equipment located in an internal room of a building commonly known as the Church of the Fellowship of All Peoples. The WTS site is proposed on a Location Preference 1 Site (Preferred Location – Public Structure Site) according to the WTS Siting Guidelines.<sup>1</sup> Macro WTS installations such as the proposed installation require Conditional Use authorization in the RH-3 Zoning District.

The proposed antennas would be located in six church steeple openings located at the north, south, and west elevations at approximate maximum heights of 52 feet and 59.25 feet respectively. Existing screens covering the steeple openings would be removed and replaced with radio frequency-transparent screens that would replicate the existing screens. All six antennas would measure approximately 51.5 inches high by 11.9 inches wide by 7.1 inches thick and would be screened from public view as would the equipment cabinets located in an internal room located at the second floor of the church.

<sup>1</sup> PC Resolution No. 14182, adopted August 15, 1996, establishing the Wireless Telecommunications Services (WTS) Facilities Siting Guidelines.

## Executive Summary Hearing Date: September 15, 2011

# SITE DESCRIPTION AND PRESENT USE

The project is located on the west side of Larkin Street between Vallejo Street and Broadway, Lot 003 in Assessor's Block 0572. This site is within the RH-3 Zoning District and a 40-X Height and Bulk District. The project site is entirely occupied by the subject church structure, which was constructed in 1907. The church structure has not been part of a historical survey, but is considered a potential historic resource as the church is greater than 45 years old in age.

# SURROUNDING PROPERTIES AND NEIGHBORHOOD

The subject property is located in the Russian Hill neighborhood of San Francisco. The immediate area surrounding the project site is characterized by three to four-story residential buildings that contain apartments or two to three-unit flats. Commercial centers of the area include the Polk Street Neighborhood Commercial District, which is located one block to west of the project site, and the Hyde Street corridor, which is located one block to the east of the project site.

## ENVIRONMENTAL REVIEW

The proposed project was determined to be categorically exempt from the environmental review process pursuant to Class 3 exemptions (Section 15303 of the California Environmental Quality Act) of Title 14 of the California Administrative Code.

### HEARING NOTIFICATION

ТҮРЕ	REQUIRED	REQUIRED	ACTUAL NOTICE DATE	ACTUAL PERIOD
	20 days	September 2, 2011	August 31, 2011	22 days
Classified News Ad		September 2, 2011	September 2, 2011	20 days
Posted Notice	20 days	September 12, 2011	August 29, 2011	24days
Mailed Notice	10 days	September 12, 2011		

#### PUBLIC COMMENT

 The Russian Hill Community Association has voiced several concerns regarding the project including: radio frequency exposure; the stability of the church steeple; and the proliferation of WTS facilities in the project area. Additionally, the Russian Hill Community Association has submitted a petition with approximately 340 signatures in opposition of the project.

# ISSUES AND OTHER CONSIDERATIONS

- The Department of Public Health ("DPH") has found that proposed radio frequency output of the site is within the Federal Communication Commission's standards for radio frequency ("RF") exposure. DPH's review of the RF exposure report has been included as an attachment.
  - All structural and life/safety considerations regarding the soundness of the church steeple will be reviewed by the Department of Building Inspection during Building Permit review.

## Executive Summary Hearing Date: September 15, 2011

## CASE NO. 2010.1083C 2041 Larkin Street

Executive Summary	Project sponsor submittal
Draft Motion	Drawings: Existing Conditions
Environmental Determination	Check for legibility
Zoning District Map	Drawings: Proposed Project
Height & Bulk Map	Check for legibility
Parcel Map	Health Dept. review of RF levels
Sanborn Map	RF Report
Aerial Photo	Community Meeting Notice
Context Photos	Public Correspondence
Site Photos	

Exhibits above marked with an "X" are included in this packet

<u>AJH</u> Planner's Initials

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SAN FRANCISCO

Executive Summary Hearing Date: September 15, 2011

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 Due to the steep topography and built environment of the Russian Hill neighborhood, unique coverage issues arise because the hills and buildings break-up coverage causing wireless carriers to install smaller and more frequent WTS sites than would be typically found in an area that features flatter topography and a more regular built environment.

## **REQUIRED COMMISSION ACTION**

Pursuant to Section 209.6(b) of the Planning Code, Conditional Use authorization is required to
install a macro wireless telecommunications service facility in the RH-3 Zoning District.

## BASIS FOR RECOMMENDATION

- The project complies with the applicable requirements of the Planning Code.
- The project is consistent with the objectives and policies of the General Plan.
- The Project is consistent with the 1996 WTS Facilities Siting Guidelines, Planning Commission Resolution No. 14182.
- The project site is a Location Preference 1, the most preferential location for a WTS facility,
   according to the Wireless Telecommunications Services Siting Guidelines.
- Based on propagation maps provided by AT&T Mobility, the project will provide coverage in an area that currently experiences several gaps in coverage.
- The proposed WTS facilities would not be visible when viewed from adjacent rights-of-way and points further away so as to avoid intrusion into public vistas and insure harmony with neighborhood character.

<b>RECOMMENDATION:</b>	Approval with Conditions
RECOMMENDED FILLOR	- · · · · · · · · · · · · · · · · · · ·

Attachments:
Block Book Map
Sanborn Map
Public Correspondence
Aerial Photographs
Photographs
Photo Simulations
Propagation Maps
WTS Siting Preference Information
RF Report
DPH Approval
Community Outreach Meeting Information
Reduced Plans



# SAN FRANCISCO PLANNING DEPARTMENT

Subject to: (Select only if applicable)

- □ Affordable Housing (Sec. 415)
- Jobs Housing Linkage Program (Sec. 413)
- Downtown Park Fee (Sec. 412)
- □ First Source Hiring (Admin. Code)
- □ Child Care Requirement (Sec. 414)
- D Other

# **Planning Commission Motion No. 18448**

HEARING DATE: SEPTEMBER 22, 2011

September 15, 2011 Date: 2010.1083C Case No.: 2041 Larkin Street Project Address: RH-3 (Residential, House, Three-Family) District Current Zoning: 40-X Height and Bulk District Block/Lot: 0572/003 Amy Million of KDI Planning for Project Sponsor: AT&T Mobility 430 Bush Street, 5th Floor San Francisco, CA 94108 Aaron Hollister - (415) 575-9078 Staff Contact: aaron.hollister@sfgov.org

ADOPTING FINDINGS RELATING TO THE APPROVAL OF A CONDITIONAL USE AUTHORIZATION UNDER PLANNING CODE SECTION 209.6(b) TO INSTALL A WIRELESS TELECOMMUNICATIONS SERVICE FACILITY CONSISTING OF UP TO SIX PANEL ANTENNAS AND RELATED EQUIPMENT IN AN EXISTING CHURCH AS PART OF AT&T'S WIRELESS TELECOMMUNICATIONS NETWORK WITHIN THE RH-3 (RESIDENTIAL, HOUSE, THREE-FAMILY) DISTRICT AND A 40-X HEIGHT AND BULK DISTRICT.

### PREAMBLE

On December 8, 2010, AT&T Mobility (hereinafter "Project Sponsor"), made an application (hereinafter "application"), for Conditional Use Authorization on the property at 2041 Larkin Street, Lot 003 in Assessor's Block 0572, (hereinafter "project site") to install a wireless telecommunications service facility consisting of up to six panel antennas and related equipment in an existing church as part of AT&T's wireless telecommunications network within the RH-3 (Residential, House, Three-Family) District and the 40-X Height and Bulk District.

The project is exempt from the California Environmental Quality Act ("CEQA") as a Class 3 categorical exemption (Section 15303 of the California Environmental Quality Act). The Commission has reviewed and concurs with said determination. The categorical exemption and all pertinent documents may be found in the files of the Planning Department (hereinafter "Department"), as the custodian of records, at 1650 Mission Street, San Francisco.

### 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** 

On September 22, 2011, the San Francisco Planning Commission (hereinafter "Commission") conducted a duly noticed public hearing at a regularly scheduled meeting on the application for a Conditional Use Authorization.

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.

**MOVED**, that the Commission hereby authorizes the Conditional Use in Application No. 2010.1083C, subject to the conditions contained in "EXHIBIT A" of this motion, based on the following findings:

#### FINDINGS

Having reviewed the materials identified in the preamble above, and having heard all testimony and arguments, this Commission finds, concludes, and determines as follows:

- 1. The above recitals are accurate and constitute findings of this Commission.
- 2. Site Description and Present Use. The project is located on the west side of Larkin Street between Vallejo Street and Broadway, Lot 003 in Assessor's Block 0572. This site is within the RH-3 Zoning District and a 40-X Height and Bulk District. The project site is entirely occupied by the subject church structure, which was constructed in 1907.
- 3. Surrounding Properties and Neighborhood. The subject property is located in the Russian Hill neighborhood of San Francisco. The immediate area surrounding the project site is characterized by three to four-story residential buildings that contain apartments or two to three-unit flats. Commercial centers of the area include the Polk Street Neighborhood Commercial District, which is located one block to west of the project site, and the Hyde Street corridor, which is located one block to the east of the project site.
- 4. **Project Description.** The proposal is to install a macro-cellular wireless telecommunications service ("WTS") facility operated by AT&T Mobility. The proposed WTS facility would consist of up to six antennas located inside an existing church steeple along with equipment located in an internal room of a building commonly known as the Church of the Fellowship of All Peoples. The WTS site is proposed on a Location Preference 1 Site (Preferred Location Public Structure Site) according to the WTS Siting Guidelines. The proposed antennas would be located in six church steeple openings located at the north, south, and west elevations at approximate maximum heights of 52 feet and 59.25 feet respectively. Existing screens covering the steeple openings would be removed and replaced with radio frequency-transparent screens that would replicate the existing screens. All six antennas would measure approximately 51.5 inches high by 11.9

inches wide by 7.1 inches thick and would be screened from public view as would the equipment cabinets located in an internal room located at the second floor of the church.

5. Past History and Actions. The Planning Commission established guidelines for the installation of wireless telecommunications facilities in 1996 ("Guidelines"). These Guidelines set forth the land use policies and practices that guide the installation and approval of wireless facilities throughout San Francisco. A large portion of the Guidelines was dedicated to establishing location preferences for these installations. The Board of Supervisors, in Resolution No. 635-96, provided input as to where wireless facilities should be located within San Francisco. The Guidelines were updated by the Commission in 2003, requiring community outreach, notification, and detailed information about the facilities to be installed.<sup>1</sup>

Section 8.1 of the Guidelines outlines Location Preferences for wireless facilities. There are five primary areas were the installation of wireless facilities should be located:

- 1. Publicly-used Structures: such facilities as fire stations, utility structures, community facilities, and other public structures;
- 2. Co-Location Site: encourages installation of facilities on buildings that already have wireless installations;
- 3. Industrial or Commercial Structures: buildings such as warehouses, factories, garages, service stations;
- 4. Industrial or Commercial Structures: buildings such as supermarkets, retail stores, banks; and
- 5. Mixed Use Buildings in High Density Districts: buildings such as housing above commercial or other non-residential space.

Before the Planning Commission can review an application to install a wireless facility, the project sponsor must submit a five-year facilities plan, which must be updated biannually, an emissions report and approval by the Department of Public Health, Section 106 Declaration of Intent, a submittal checklist and details about the facilities to be installed.

Under Section 704(B)(iv) of the 1996 Federal Telecommunications Act, local jurisdictions cannot deny wireless facilities based on Radio Frequency (RF) radiation emissions so long as such facilities comply with the FCC's regulations concerning such emissions.

On September 22, 2011, the Commission conducted a duly noticed public hearing at a regularly scheduled meeting on the application for a Conditional Use Authorization pursuant to Planning Code Section 209.6(b) to install a wireless telecommunications facility consisting of up to six panel antennas and related equipment in an existing church steeple as part of AT&T's wireless telecommunications network.

<sup>1</sup> PC Resolution 16539, passed March 13, 2003.

- 6. Location Preference. The WTS Facilities Siting Guidelines identify different types of buildings for the siting of wireless telecommunications facilities. Under the Guidelines, the Project is a Location Preference Number 1, as it is a preferred location for an industrial or commercial structure.
- 7. **Radio Waves Range.** The Project Sponsor has stated that the proposed wireless network will transmit calls by radio waves operating in the 1710 2170 Megahertz (MHZ) bands, which is regulated by the Federal Communications Commission (FCC) and which must comply with the FCC-adopted health and safety standards for electromagnetic radiation and radio frequency radiation.
- 8. Radiofrequency (RF) Emissions: The project sponsor retained Hammett & Edison, Inc., a radio engineering consulting firm, to prepare a report describing the expected RF emissions from the proposed facility. Pursuant to the *Guidelines*, the Department of Public Health reviewed the report and determined that the proposed facility complies with the standards set forth in the Guidelines.
- 9. Department of Public Health Review and Approval. The proposed project was referred to the Department of Public Health (DPH) for emissions exposure analysis. Existing RF levels at ground level were around 1% of the FCC public exposure limit. There were no other antennas observed within 100 feet of this site. AT&T Mobility proposes to install six new antennas. The antennas will be mounted at a height of 50 and 57 feet above the ground. The estimated ambient RF field from the proposed AT&T Mobility transmitters at ground level is calculated to be 0.02 mW/sq cm., which is 2.9% of the FCC public exposure limit. The three dimensional perimeter of RF levels equal to the public exposure limit extends 60 feet and does not reach any publicly accessible areas. Warning signs must be posted at the antennas and roof access points in English, Spanish, and Chinese. Workers should not have access to within 25 feet of the front of the antennas while in operation.
- 10. Maintenance Schedule. The proposed facility would operate without on-site staff but with a two-person maintenance crew visiting the property approximately once a month and on an as-needed basis to service and monitor the facility.
- 11. Community Outreach. Per the *Guidelines*, the project sponsor held a Community Outreach Meeting for the proposed project. The meeting was held at 7:00 p.m. on April 27, 2011 at the Helen Wills Park (Garden Room), located at 1965 Larkin Street.
- 12. Five-year plan: Per the *Guidelines*, the project sponsor submitted its latest five-year plan, as required, in April 2011.
- 13. Public Comment. The Russian Hill Community Association has voiced several concerns regarding the project including: radio frequency exposure; the stability of the church steeple; and the proliferation of WTS facilities in the project area. Additionally, the

Russian Hill Community Association has submitted a petition with approximately 340 signatures in opposition of the project.

- 14. **Planning Code Compliance.** The Commission finds that the Project is consistent with the relevant provisions of the Planning Code in the following manner:
  - A. Use. Per Planning Code Section 209.6(b), a Conditional Use authorization is required for the installation of other uses such as wireless transmission facilities.
- 15. **Planning Code Section 303** establishes criteria for the Planning Commission to consider when reviewing applications for Conditional Use approval. On balance, the project does comply with said criteria in that:
  - A. The proposed new uses and building, at the size and intensity contemplated and at the proposed location, will provide a development that is necessary or desirable, and compatible with, the neighborhood or the community.
    - Desirable: San Francisco is a leader of the technological economy; it is important and desirable to the vitality of the city to have and maintain adequate telecommunications coverage and data capacity. This includes the installation and upgrading of systems to keep up with changing technology and increases in usage. It is desirable for the City to allow wireless facilities to be installed.
      - The proposed project at 2041 Larkin Street will be generally desirable and compatible with the surrounding neighborhood because the project will not conflict with the existing uses of the property and will be of such size and nature to be compatible with the surrounding nature of the vicinity. The approval of this authorization has been found, first and foremost, to insure public safety, and insure that the placement of antennas and related support and protection features are so located, designed, and treated architecturally to minimize their visibility from public places, to avoid intrusion into public vistas, avoid disruption of the architectural design integrity of building and insure harmony with neighborhood character. The project has been reviewed and determined to not cause the removal or alteration of any significant architectural features on the subject building.
    - *ii* Necessary: In the case of wireless installations, there are two criteria that the Commission reviews: coverage and capacity.

Coverage: San Francisco does have sufficient overall wireless coverage (note that this is separate from carrier service). It is necessary for San Francisco to have as much coverage as possible in terms of wireless facilities. Due to the topography and tall buildings in San Francisco, unique coverage issues arise because the hills and building break up coverage. Thus, telecommunication carriers often install additional installations to make sure coverage is sufficient.

Capacity: While a carrier may have adequate coverage in a certain area, the capacity may not be sufficient. With the continuous innovations in wireless data technology and demand placed on existing infrastructure, individual telecommunications carriers must upgrade and in some instances expand their facilities network to be able to have proper data distribution. It is necessary for San Francisco, as a leader in technology, to have adequate capacity.

The proposed project at 2041 Larkin Street is necessary in order to achieve sufficient street and in-building mobile phone coverage. Recent drive tests in the subject area conducted by the AT&T Mobility Radio Frequency Engineering Team provide conclusive evidence that the subject property is the most viable location, based on factors including quality of coverage, population density, land use compatibility, zoning and aesthetics. The proposed coverage area will serve the vicinity bounded by Vallejo Street, Pacific Avenue, Hyde Street, and Polk Street, as indicated in the coverage maps. This facility will fill in the gaps to improve coverage in the project area, as well as to provide necessary facilities for emergency transmission and improved communication for the neighborhood, community and the region.

B. The proposed project will not be detrimental to the health, safety, convenience or general welfare of persons residing or working in the vicinity. There are no features of the project that could be detrimental to the health, safety or convenience of those residing or working the area, in that:

Nature of proposed site, including its size and shape, and the proposed size, shape and arrangement of structures;

The proposed project must comply with all applicable Federal and State regulations to safeguard the health, safety and to ensure that persons residing or working in the vicinity will not be affected, and prevent harm to other personal property.

The Department of Public Health conducted an evaluation of potential health effects from Radio Frequency radiation, and has concluded that the proposed wireless transmission facilities will have no adverse health effects if operated in compliance with the FCCadopted health and safety standards. The Department has received information that the proposed wireless system must be operated so as not to interfere with radio or television reception in order to comply with the provisions of its license under the FCC.

The Department is developing a database of all such wireless communications facilities operating or proposed for operation in the City and County of San Francisco. All applicants are now required to submit information on the location and nature of all existing and approved wireless transmission facilities operated by the Project Sponsor. The goal of this effort is to foster public information as to the location of these facilities.

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ii The accessibility and traffic patterns for persons and vehicles, the type and volume of such traffic, and the adequacy of proposed off-street parking and loading;

No increase in traffic volume is anticipated with the facilities operating unmanned, with a single maintenance crew visiting the site once a month or on an as-needed basis.

iii The safeguards afforded to prevent noxious or offensive emissions such as noise, glare, dust and odor;

While some noise and dust may result from the erection of the antennas and transceiver equipment, noise or noxious emissions from continued use are not likely to be significantly greater than ambient conditions due to the operation of the wireless communication network.

iv Treatment given, as appropriate, to such aspects as landscaping, screening, open spaces, parking and loading areas, service areas, lighting and signs;

The proposed antennas would be located in six church steeple openings located at the north, south, and west elevations at approximate maximum heights of 52 feet and 59.25 feet respectively. Existing screens covering the steeple openings would be removed and replaced with radio frequency-transparent screens that would replicate the existing screens. Due to the screening of the antennas and the internal location of the equipment cabinets, the proposed WTS facility would not be visible when viewed from adjacent rights-of-way and points further away so as to avoid intrusion into public vistas and insure harmony with neighborhood character. The project will not affect the existing landscaping.

C. That the use as proposed will comply with the applicable provisions of the Planning Code and will not adversely affect the General Plan.

The Project complies with all relevant requirements and standards of the Planning Code and is consistent with objectives and policies of the General Plan as detailed below.

16. General Plan Compliance. The Project is, on balance, consistent with the following Objectives and Policies of the General Plan

### HOUSING ELEMENT

BALANCE HOUSING CONSTRUCTION AND COMMUNITY INFRASTRUCTURE OBJECTIVE 12 – BALANCE HOUSING GROWTH WITH ADEQUATE INFRASTRUCTURE THAT SERVES THE CITY'S GROWING POPULATION.

POLICY 12.2 - Consider the proximity of quality of life elements, such as open space, child care, and neighborhood services, when developing new housing units.

POLICY 12.3 - Ensure new housing is sustainable supported by the City's public infrastructure systems.

The project will improve AT&T Mobility coverage in residential, commercial and recreational areas along primary transportation routes in San Francisco.

## **URBAN DESIGN**

#### HUMAN NEEDS

# **OBJECTIVE 4 - IMPROVEMENT OF THE NEIGHBORHOOD ENVIRONMENT TO** INCREASE PERSONAL SAFETY, COMFORT, PRIDE AND OPPORTUNITY.

POLICY 4.14 - Remove and obscure distracting and cluttering elements.

The proposed antennas are proposed to be installed in an existing church steeple and the equipment cabinets would be located in an internal room. Existing screens covering the steeple openings would be removed and replaced with radio frequency-transparent screens that would replicate the existing screens. Due to the screening of the antennas and the internal location of the equipment cabinets, the proposed WTS facilities would not be visible when viewed from adjacent rights-of-way and points further away so as to avoid intrusion into public vistas and insure harmony with neighborhood character

# COMMERCE AND INDUSTRY ELEMENT

**Objectives and Policies** 

#### **OBJECTIVE 1:**

MANAGE ECONOMIC GROWTH AND CHANGE TO ENSURE ENHANCEMENT OF THE TOTAL CITY LIVING AND WORKING ENVIRONMENT.

### Policy 1:

Encourage development, which provides substantial net benefits and minimizes undesirable consequences. Discourage development, which has substantial undesirable consequences that cannot be mitigated.

#### Policy 2:

Assure that all commercial and industrial uses meet minimum, reasonable performance standards.

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The project would enhance the total city living and working environment by providing communication services for residents and workers within the City. Additionally, the project would comply with Federal, State and Local performance standards.

#### **OBJECTIVE 2:**

MAINTAIN AND ENHANCE A SOUND AND DIVERSE ECONOMIC BASE AND FISCAL STRUCTURE FOR THE CITY.

#### Policy 1:

Seek to retain existing commercial and industrial activity and to attract new such activity to the city.

#### Policy 3:

Maintain a favorable social and cultural climate in the city in order to enhance its attractiveness as a firm location.

The site is an integral part of a new wireless communications network that will enhance the City's diverse economic base.

#### **OBJECTIVE 4:**

IMPROVE THE VIABILITY OF EXISTING INDUSTRY IN THE CITY AND THE ATTRACTIVENESS OF THE CITY AS A LOCATION FOR NEW INDUSTRY.

#### Policy 1:

Maintain and enhance a favorable business climate in the City.

#### Policy 2:

Promote and attract those economic activities with potential benefit to the City.

The project would benefit the City by enhancing the business climate through improved communication services for residents and workers.

#### VISITOR TRADE

OBJECTIVE 8 - ENHANCE SAN FRANCISCO'S POSITION AS A NATIONAL CENTER FOR CONVENTIONS AND VISITOR TRADE.

**POLICY 8.3** - Assure that areas of particular visitor attraction are provided with adequate public services for both residents and visitors.

The Project will ensure that residents and visitors have adequate public service in the form of AT&T Mobility mobile telecommunications.

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## COMMUNITY SAFETY ELEMENT

## **Objectives and Policies**

#### **OBJECTIVE 3:**

ENSURE THE PROTECTION OF LIFE AND PROPERTY FROM THE EFFECTS OF FIRE OR NATURAL DISASTER THROUGH ADEQUATE EMERGENCY OPERATIONS PREPARATION.

### Policy 1:

Maintain a local agency for the provision of emergency services to meet the needs of San Francisco.

#### Policy 2:

Develop and maintain viable, up-to-date in-house emergency operations plans, with necessary equipment, for operational capability of all emergency service agencies and departments.

Policy 3:

Maintain and expand agreements for emergency assistance from other jurisdictions to ensure adequate aid in time of need.

#### Policy 4:

Establish and maintain an adequate Emergency Operations Center.

Policy 5:

Maintain and expand the city's fire prevention and fire-fighting capability.

### Policy 6:

Establish a system of emergency access routes for both emergency operations and evacuation.

The project would enhance the ability of the City to protect both life and property from the effects of a fire or natural disaster by providing communication services.

- 17. Planning Code Section 101.1(b) establishes eight priority-planning policies and requires review of permits for consistency with said policies. On balance, the project does comply with said policies in that:
  - A. That existing neighborhood-serving retail uses be preserved and enhanced and future opportunities for resident employment in and ownership of such businesses be enhanced.

No neighborhood-serving retail use would be displaced and the wireless communications network will enhance personal communication services.

B. That existing housing and neighborhood character be conserved and protected in order to preserve the cultural and economic diversity of our neighborhoods.

No residential uses would be displaced or altered in any way by the granting of this authorization.

C. That the City's supply of affordable housing be preserved and enhanced.

The project would have no adverse impact on housing in the vicinity.

D. That commuter traffic not impede MUNI transit service or overburden our streets or neighborhood parking.

Due to the nature of the project and minimal maintenance or repair, municipal transit service would not be impeded and neighborhood parking would not be overburdened.

E. That a diverse economic base be maintained by protecting our industrial and service sectors from displacement due to commercial office development, and that future opportunities for resident employment and ownership in these sectors be enhanced.

The Project would cause no displacement of industrial and service sector activity.

F. That the City achieve the greatest possible preparedness to protect against injury and loss of life in an earthquake.

Compliance with applicable structural safety and seismic safety requirements would be considered during the building permit application review process.

G. That landmarks and historic buildings be preserved.

Pursuant to Preservation Bulletin No. 16, the subject building is considered a potential historic resource as the building is outside any City-adopted survey areas and is greater than 45 years in age. By locating all portions of the WTS facility in the interior of the church steeple and the inside of the building, the project would not significantly alter any character-defining features of the potential historic resource as the proposed WTS facility would not be visible from nearby public places and rights-of-way. The existing screens that would be removed and replaced with radio frequency-transparent screens would be replaced with exact replications of the existing screens.

H. That our parks and open space and their access to sunlight and vistas be protected from development.
SAN FRANCISCO

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The Project will have no adverse impact on parks or open space, or their access to sunlight or vistas.

- 18. The Project is consistent with and would promote the general and specific purposes of the Code provided under Section 101.1(b) in that, as designed, the Project would contribute to the character and stability of the neighborhood and would constitute a beneficial development.
- 19. The Commission hereby finds that approval of the Determination of Compliance authorization would promote the health, safety and welfare of the City.

## DECISION

The Commission, after carefully balancing the competing public and private interests, and based upon the Recitals and Findings set forth above, in accordance with the standards specified in the Code, hereby approves the Conditional Use authorization under Planning Code Sections 209.6(b) and 303 to install up to six panel antennas and associated equipment cabinets at the Project Site and as part of a wireless transmission network operated by AT&T Mobility on a Location Preference 1 (Preferred Location – Public Structure Site) according to the Wireless Telecommunications Services (WTS) Siting Guidelines, within the RH-3 Zoning District and a 40-X Height and Bulk District and subject to the conditions of approval attached hereto as Exhibit A.

APPEAL AND EFFECTIVE DATE OF MOTION: Any aggrieved person may appeal this conditional use authorization to the Board of Supervisors within thirty (30) days after the date of this Motion No. 18448. The effective date of this Motion shall be the date of this Motion if not appealed (after the 30-day period has expired) OR the date of the decision of the Board of Supervisors if appealed to the Board of Supervisors. For further information, please contact the Board of Supervisors at (415) 554-5184, City Hall, Room 244, 1 Dr. Carlton B. Goodlett Place, San Francisco, CA 94102.

I hereby certify that the foregoing Motion was adopted by the Planning Commission on September 22, 2011.

Linda Avery Commission Secretary

AYES: Olague, Miguel, Antonini, Borden, Fong, Sugaya

NAYS:

ABSENT: Moore

ADOPTED: September 22, 2011

Motion No. 18448 Hearing Date: September 22, 2011

# EXHIBIT A

# AUTHORIZATION

This authorization is for a Conditional Use Authorization under Planning Code Sections 209.6(b) and 303 to install a wireless telecommunications service facility consisting of up to six panel antennas with related equipment, a Location Preference 1 (Preferred Location – Public Structure Site) according to the Wireless Telecommunications Services (WTS) Siting Guidelines, as part of AT&T's wireless telecommunications network within the RH-3 (Residential, House, Three-Family) Zoning District and a 40-X Height and Bulk District.

# **RECORDATION OF CONDITIONS OF APPROVAL**

Prior to the issuance of the building permit or commencement of use for the Project the Zoning Administrator shall approve and order the recordation of a Notice in the Official Records of the Recorder of the City and County of San Francisco for the subject property. This Notice shall state that the project is subject to the conditions of approval contained herein and reviewed and approved by the Planning Commission on September 22, 2011 under Motion No.18448.

# PRINTING OF CONDITIONS OF APPROVAL ON PLANS

The conditions of approval under the 'Exhibit A' of this Planning Commission Motion No. 18448 shall be reproduced on the Index Sheet of construction plans submitted with the Site or Building permit application for the Project. The Index Sheet of the construction plans shall reference to the Conditional Use authorization and any subsequent amendments or modifications.

## SEVERABILITY

The Project shall comply with all applicable City codes and requirements. If any clause, sentence, section or any part of these conditions of approval is for any reason held to be invalid, such invalidity shall not affect or impair other remaining clauses, sentences, or sections of these conditions. This decision conveys no right to construct, or to receive a building permit. "Project Sponsor" shall include any subsequent responsible party.

# CHANGES AND MODIFICATIONS

Changes to the approved plans may be approved administratively by the Zoning Administrator. Significant changes and modifications of conditions shall require Planning Commission approval of a new Conditional Use authorization. Motion No. 18448 Hearing Date: September 22, 2011

# Conditions of Approval, Compliance, Monitoring, and Reporting PERFORMANCE

1. Validity and Expiration. The authorization and right vested by virtue of this action is valid for three years from the effective date of the Motion. A building permit from the Department of Building Inspection to construct the project and/or commence the approved use must be issued as this Conditional Use authorization is only an approval of the proposed project and conveys no independent right to construct the project or to commence the approved use. The Planning Commission may, in a public hearing, consider the revocation of the approvals granted if a site or building permit has not been obtained within three (3) years of the date of the Motion approving the Project. Once a site or building permit has been issued, construction must commence within the timeframe required by the Department of Building Inspection and be continued diligently to completion. The Commission may also consider revoking the approvals if a permit for the Project has been issued but is allowed to expire and more than three (3) years have passed since the Motion was approved.

For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, <u>www.sf-planning.org</u>.

2. Extension. This authorization may be extended at the discretion of the Zoning Administrator only where failure to issue a permit by the Department of Building Inspection to perform said tenant improvements is caused by a delay by a local, State or Federal agency or by any appeal of the issuance of such permit(s).

For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, www.sf-planning.org

#### DESIGN – COMPLIANCE AT PLAN STAGE

- 3. Plan Drawings WTS. Prior to the issuance of any building or electrical permits for the installation of the facilities, the Project Sponsor shall submit final scaled drawings for review and approval by the Planning Department ("Plan Drawings"). The Plan Drawings shall describe:
  - a. Structure and Siting. Identify all facility related support and protection measures to be installed. This includes, but is not limited to, the location(s) and method(s) of placement, support, protection, screening, paint and/or other treatments of the antennas and other appurtenances to insure public safety, insure compatibility with urban design, architectural and historic preservation principles, and harmony with neighborhood character.
  - b. For the Project Site, regardless of the ownership of the existing facilities. Identify the location of all existing antennas and facilities; and identify the location of all approved (but not installed) antennas and facilities.
  - c. Emissions. Provide a report, subject to approval of the Zoning Administrator, that operation of the facilities in addition to ambient RF emission levels will not exceed adopted FCC standards with regard to human exposure in uncontrolled areas.

For information about compliance, contact the Case Planner, Planning Department at 415-575-9078, www.sf-planning.org.

4. Screening - WTS. To the extent necessary to ensure compliance with adopted FCC regulations regarding human exposure to RF emissions, and upon the recommendation of the Zoning Administrator, the Project Sponsor shall:

- a. Modify the placement of the facilities;
- b. Install fencing, barriers or other appropriate structures or devices to restrict access to the facilities;
- c. Install multi-lingual signage, including the RF radiation hazard warning symbol identified in ANSI C95.2 1982, to notify persons that the facility could cause exposure to RF emissions;
- d. Implement any other practice reasonably necessary to ensure that the facility is operated in compliance with adopted FCC RF emission standards.
- e. To the extent necessary to minimize visual obtrusion and clutter, installations shall conform to the following standards:
- f. Antennas and back up equipment shall be painted, fenced, landscaped or otherwise treated architecturally so as to minimize visual effects;
  - g. Rooftop installations shall be setback such that back up facilities are not viewed from the street;
  - h. Antennae attached to building facades shall be so placed, screened or otherwise treated to minimize any negative visual impact; and
  - i. Although co location of various companies' facilities may be desirable, a maximum number of antennas and back up facilities on the Project Site shall be established, on a case by case basis, such that "antennae farms" or similar visual intrusions for the site and area is not created.

For information about compliance, contact the Case Planner, Planning Department at 415-575-9078, www.sf-planning.org

# **MONITORING - AFTER ENTITLÉMENT**

5. Enforcement. Violation of any of the Planning Department conditions of approval contained in this Motion or of any other provisions of Planning Code applicable to this Project shall be subject to the enforcement procedures and administrative penalties set forth under Planning Code Section 176 or Section 176.1. The Planning Department may also refer the violation complaints to other city departments and agencies for appropriate enforcement action under their jurisdiction.

For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, www.sf-planning.org

6. **Monitoring.** The Project requires monitoring of the conditions of approval in this Motion. The Project Sponsor or the subsequent responsible parties for the Project shall pay fees as established under Planning Code Section 351(e) (1) and work with the Planning Department for information about compliance.

For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, <u>www.sf-planning.org</u>

7. **Revocation due to Violation of Conditions.** Should implementation of this Project result in complaints from interested property owners, residents, or commercial lessees which are not resolved by the Project Sponsor and found to be in violation of the Planning Code and/or the specific Conditions of Approval for the Project as set forth in Exhibit A of this Motion, the Zoning Administrator shall refer such complaints to the Commission, after which it may hold a public hearing on the matter to consider revocation of this authorization.

For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, *www.sf-planning.org*.

#### 8. Implementation Costs - WTS.

- a. The Project Sponsor, on an equitable basis with other WTS providers, shall pay the cost of preparing and adopting appropriate General Plan policies related to the placement of WTS facilities. Should future legislation be enacted to provide for cost recovery for planning, the Project Sponsor shall be bound by such legislation.
- b. The Project Sponsor or its successors shall be responsible for the payment of all reasonable costs associated with implementation of the conditions of approval contained in this authorization, including costs incurred by this Department, the Department of Public Health, the Department of Technology, Office of the City Attorney, or any other appropriate City Department or agency. The Planning Department shall collect such costs on behalf of the City.
- c. The Project Sponsor shall be responsible for the payment of all fees associated with the installation of the subject facility, which are assessed by the City pursuant to all applicable law.

For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863,

www.sf-planning.org

**Implementation and Monitoring - WTS.** In the event that the Project implementation report includes a finding that RF emissions for the site exceed FCC Standards in any uncontrolled location, the Zoning Administrator may require the Applicant to immediately cease and desist operation of the facility until such time that the violation is corrected to the satisfaction of the Zoning Administrator.

For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, <u>www.sf-planning.org</u>

- 10. **Project Implementation Report WTS.** The Project Sponsor shall prepare and submit to the Zoning Administrator a Project Implementation Report. The Project Implementation Report shall:
  - a. Identify the three dimensional perimeter closest to the facility at which adopted FCC standards for human exposure to RF emissions in uncontrolled areas are satisfied;

- b. Document testing that demonstrates that the facility will not cause any potential exposure to RF emissions that exceed adopted FCC emission standards for human exposure in uncontrolled areas.
- c. The Project Implementation Report shall compare test results for each test point with applicable FCC standards. Testing shall be conducted in compliance with FCC regulations governing the measurement of RF emissions and shall be conducted during normal business hours on a non holiday weekday with the subject equipment measured while operating at maximum power.
- d. Testing, Monitoring, and Preparation. The Project Implementation Report shall be prepared by a certified professional engineer or other technical expert approved by the Department. At the sole option of the Department, the Department (or its agents) may monitor the performance of testing required for preparation of the Project Implementation Report. The cost of such monitoring shall be borne by the Project Sponsor pursuant to the condition related to the payment of the City's reasonable costs.
  - i. Notification and Testing. The Project Implementation Report shall set forth the testing and measurements undertaken pursuant to Conditions 2 and 4.
  - ii. Approval. The Zoning Administrator shall request that the Certification of Final Completion for operation of the facility not be issued by the Department of Building Inspection until such time that the Project Implementation Report is approved by the Department for compliance with these conditions.

For information about compliance, contact the Environmental Health Section, Department of Public Health at (415) 252-3800, <u>www.sfdph.org</u>.

- 11. Notification prior to Project Implementation Report WTS. The Project Sponsor shall undertake to inform and perform appropriate tests for residents of any dwelling units located within 25 feet of the transmitting antenna at the time of testing for the Project Implementation Report.
  - a. At least twenty calendar days prior to conducting the testing required for preparation of the Project Implementation Report, the Project Sponsor shall mail notice to the Department, as well as to the resident of any legal dwelling unit within 25 feet of a transmitting antenna of the date on which testing will be conducted. The Applicant will submit a written affidavit attesting to this mail notice along with the mailing list.
  - b. When requested in advance by a resident notified of testing pursuant to subsection (a), the Project Sponsor shall conduct testing of total power density of RF emissions within the residence of that resident on the date on which the testing is conducted for the Project Implementation Report.

For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, <u>www.sf-planning.org</u>

12. Installation - WTS. Within 10 days of the installation and operation of the facilities, the Project Sponsor shall confirm in writing to the Zoning Administrator that the facilities are being maintained and operated in compliance with applicable Building, Electrical and other Code requirements, as well as applicable FCC emissions standards.

For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, <u>www.sf-planning.org</u>

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13. Periodic Safety Monitoring - WTS. The Project Sponsor shall submit to the Zoning Administrator 10 days after installation of the facilities, and every two years thereafter, a certification attested to by a licensed engineer expert in the field of EMR/RF emissions, that the facilities are and have been operated within the then current applicable FCC standards for RF/EMF emissions.

For information about compliance, contact the Environmental Health Section, Department of Public Health at (415) 252-3800, <u>www.sfdph.org</u>.

## OPERATION

- 14. Community Liaison. Prior to issuance of a building permit application to construct the project and implement the approved use, the Project Sponsor shall appoint a community liaison officer to deal with the issues of concern to owners and occupants of nearby properties. The Project Sponsor shall provide the Zoning Administrator written notice of the name, business address, and telephone number of the community liaison. Should the contact information change, the Zoning Administrator shall be made aware of such change. The community liaison shall report to the Zoning Administrator what issues, if any, are of concern to the community and what issues have not been resolved by the Project Sponsor. *For information about compliance, contact Code Enforcement, Planning Department at* 415-575-6863, <u>www.sf-planning.org</u>
- 15. Out of Service WTS. The Project Sponsor or Property Owner shall remove antennae and equipment that has been out of service or otherwise abandoned for a continuous period of six months.

For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, <u>www.sf-planning.org</u>

16. Emissions Conditions – WTS. It is a continuing condition of this authorization that the facilities be operated in such a manner so as not to contribute to ambient RF/EMF emissions in excess of then current FCC adopted RF/EMF emission standards; violation of this condition shall be grounds for revocation.

For information about compliance, contact the Environmental Health Section, Department of Public Health at (415) 252-3800, <u>www.sfdph.org</u>.

17. Noise and Heat – WTS. The WTS facility, including power source and cooling facility, shall be operated at all times within the limits of the San Francisco Noise Control Ordinance. The WTS facility, including power source and any heating/cooling facility, shall not be operated so as to cause the generation of heat that adversely affects a building occupant. For information about compliance, contact the Environmental Health Section, Department of Public Health at (415) 252-3800, <u>www.sfdph.org</u>.

18. Transfer of Operation – WTS. Any carrier/provider authorized by the Zoning Administrator or by the Planning Commission to operate a specific WTS installation may assign the operation of the facility to another carrier licensed by the FCC for that radio frequency

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provided that such transfer is made known to the Zoning Administrator in advance of such operation, and all conditions of approval for the subject installation are carried out by the new carrier/provider.

For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, www.sf-planning.org

19. Compatibility with City Emergency Services – WTS. The facility shall not be operated or caused to transmit on or adjacent to any radio frequencies licensed to the City for emergency telecommunication services such that the City's emergency telecommunications system experiences interference, unless prior approval for such has been granted in writing by the City.

For information about compliance, contact the Department of Technology, 415-581-4000, <u>http://sfgov3.org/index.aspx?page=1421</u>

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# **Parcel Map**



SUBJECT PROPERTY

Case Number 2010.1083C AT&T Mobility WTS Facility 2041 Larkin Street Conceptions of

SAN FRANCISCO PLANNING DEPARTMENT

Sanborn Map\*



\*The Sanborn Maps in San Francisco have not been updated since 1998, and this map may not accurately reflect existing conditions.

**Case Number 2010.1083C** AT&T Mobility WTS Facility 2041 Larkin Street

North-Facing





**Case Number 2010.1083C** AT&T Mobility WTS Facility 2041 Larkin Street

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SAN FRANCISCO PLANNING DEPARTMENT

**East-Facing** 



SUBJECT PROPERTY

SAN FRANCISEO PLANNING DEPARTMENT **Case Number 2010.1083C** AT&T Mobility WTS Facility 2041 Larkin Street

# South-Facing



SUBJECT PROPERTY



SAN FRANCISCO PLANNING DEPARTMENT **Case Number 2010.1083C** AT&T Mobility WTS Facility 2041 Larkin Street

West-Facing



SUBJECT PROPERTY



**Case Number 2010.1083C** AT&T Mobility WTS Facility 2041 Larkin Street

# Zoning Map



SUBJECT PROPERTY

**Case Number 2010.1083C** AT&T Mobility WTS Facility 2041 Larkin Street

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# **Russian Hill Community Association**

1134 Green St. San Francisco, CA 94109 415-776-2014 rhcasf.com

June 10, 2011

Supervisor David Chiu President, Board of Supervisors City & County of San Francisco City Hall 1 Dr. Carlton B. Goodlett Place #256 San Francisco, CA 94102

## Re: Status of General Plan for Wireless Systems

Dear President Chiu:

As owners and residents of District 3 who are concerned about the proliferation of wireless systems in our City and now in our own neighborhood, we were pleased to hear you call on the Planning Department to create a general plan for wireless systems.

We're interested in tracking the progress of your request.

The one planner we talked with indicated that the study was not yet in the Planning Department's queue. As was noted in the San Francisco Examiner's article of May 1, 2011, the "project could take months and will come at a high cost, but Chiu said the City needs to understand how all the providers connect with each other." We agree with you and want to ensure that the study begins as soon as possible.

We're recently been notified that AT&T wants to install a wireless system in the tower of the church at 2041 Larkin and two weeks ago attended another AT&T informational meeting regarding a proposed installation at Cole Hardware at 2242 Polk less than three blocks away.

The need for an overall citywide plan is evident and we appreciate your leadership role in making this happen. Please let us know what if anything we can do to support your request for a general plan.

Please let us know as soon as possible the status of your request at the Planning. Department and when the Department anticipates completing the study.

Thank you for your assistance.

Sincerely,

lason Pulido Chair, 2041 Larkin (Cell Tower) Project Team Jasonrfed@yahoo.com

Case # SF 1754

Solomon Sevy, M.D. 2440 Larkin Street San Francisco, CA 94109 (415) 673-4394

Aaron Hollister San Francisco Planning Depatment (case # 2010.1083C) 1650 Mission Street, #400 San Francisco, CA 94103

June 12, 2011

Dear Mr. Hollister:

I am a physician, a pediatric cardiologist with a long-term interest in environmental causes of human disease. I am very concerned about the effects of radio-frequency radiation (RF) pollution produced by cell tower antennas, smart meters and the proposed increase in the number and power of these antennas to accommodate new communication technologies. You should know that when you are walking in the street passing a cell phone user or a smart meter, sitting in an internet cafe or next to your wi-fi, etc., you are being exposed to second-hand RF pollution which is cumulative. FCC standards are flawed, because, basically, they only test for thermal effects.

The expansion of RF antennas in San Francisco is out of control. Caution dictates that we need to stop what we are doing and reevaluate it before we do more harm. I strongly urge the city to invoke the precautionary principle in this matter. The precautionary principle protects people when there are serious concerns that new products, chemicals and technological innovations could be injurious to their health. The precautionary principle presumes guilt until proven innocent when there is not yet conclusive scientific evidence.

If the precautionary principle had been followed untold numbers of people would not have suffered and died as a result of exposure to asbestos, x-rays in early pregnancies, the use of thalidomide in Europe, lead in gasoline and paint, PCBs, benzene, diethylstilbesterol, radium-dial-brush tipping, hormone disrupters, live-stock hormones, and the most egregious substance of all, tobacco--to mention a few. And the cost to the medical system would have been reduced significantly.

For detailed research and explanation dealing with the precautionary principle, I recommend the BioInitiative Working Group, Section 16, at BioInitiative.org. It is one of the most formidable articles assembled regarding RFs. The World Health Organization recently published a warning about RF health effects. The agency now lists cell phone use in the same "carcinogenic hazard" category as lead, engine exhaust and chloroform.

In short, we need a moratorium on any further deployment of RF technology until the health and safety of the citizens of San Francisco can be guaranteed. At the very least, citizens should be allowed to decide for themselves whether further expansion of RFs are indicated.

Thank you very much. I look forward to your response,

Solomon Sevy, M.D.





View of eastern blockface of Larkin Street looking south from Vallejn Street

view of the western blockface of Larkin Street looking notth from

Brnadway



2041 Larkin Street - 2010.1083C

View of the eastern blockface of Larkin Siteel looking north from Vallejo Street



view of the western blockface of Larkin Street looking north from Vallejo Street



Photosimulation of the proposed telecommunication facility as seen looking north along Larkin Street



# **C. Location Preference**

## **Location Preference**

According to the City and County of San Francisco's Wireless Telecommunications Services Facilities Siting Guidelines, dated August 15, 1996 the subject facility is considered to be a Preference 1 location.

Preference Level 1 locations are defined as follows: Publicly-used structures. Public facilities such as police or fire stations, libraries, community centers, utility structures, water towers, elevated roadways, bridges, flag poles, smokestacks, telephone switching facilities, or other public structures. Where the installation complies with all FCC regulations and standards, schools, hospitals, health centers, places of worship, or other institutional structures should also be considered.

#### Site Justification

The subject property is a church (place of worship) within the RH-3 (Residential-House, Three Family) zoning district. The proposed antennas would be located within the church steeple so that they are completely screened from view. The equipment cabinets would be located within an equipment room on the second floor of the building. Please refer to the attached photo simulations. As a Preference I location, the subject site is the best available site within the search area.

## **Alternative Site Locations**

In order to achieve the service goals as previously defined, at&t network engineers considered site locations in the area defined by the search ring in the previously attached Service Map. The area within the search ring is primarily comprised of multi-family residential buildings within the RH-3, RM-1 and RM-2. Just outside the search area to the west and south are the Polk Street Neighborhood Commercial District and the Pacific Avenue Neighborhood Commercial District respectively. Residential buildings located within the RH and RM districts are considered Preference 7 Locations and Disfavored Sites under the WTS guidelines; therefore, the defined area provides little opportunity for the construction of a wireless telecommunication facility. Below is a list of the alternative site locations evaluated by the at&t network engineers and site acquisition team.

December 8, 2010 2041 Larkin Street

## Alternative Site Location #1 2055-2065 Polk Street



The building at 2055-2065 Polk Street is a mixed residential and commercial building located within the Polk Street Neighborhood Commercial District. The search area is established in locations where the proposed facilities would incorporate the network. This building is located outside of the search area to the west and has limited line-of-site to the east which is required in order to meet at&t mobility's service need.

It is at&t's understanding that the property owner is not interested in leasing space for an at&t wireless telecommunication facility. At&t's site acquisition team has been unable to contact the property owner after leaving two voicemails and a letter of interest was mailed and faxed. No response was received.

December 8, 2010 2041 Larkin Street

## Alternative Site Location #2 2120 Polk Street



The building at 2032-2064 Polk Street is a wholly commercial building with ground-floor retail and a hotel on the upper floors. The building is located within in the Polk Street Neighborhood Commercial District. The search area is established in locations where the proposed facilities would incorporate the network. This building is located outside of the search area to the west and provides a limited line-of-site to the east which is required in order to meet at&t mobility's service need.

It is at&t's understanding that the property owner is not interested in leasing space for an at&t wireless telecommunication facility. at&t's site acquisition team was unable to contact the property owner after a phone call and in-person visit. No response was received.

December 8, 2010 2041 Larkin Street

at&t Mobility SF1754 Service Improvement Objective (SF1754)



Proposed Site at 2041 Larkin St (CC2348)



Proposed Site at 2041 Larkin St (CC2348) Service Area AFTER site is constructed



# AT&T Mobility • Proposed Base Station (Site No. SF1754) 2041 Larkin Street • San Francisco, California

# Statement of Hammett & Edison, Inc., Consulting Engineers

The firm of Hammett & Edison, Inc., Consulting Engineers, has been retained on behalf of AT&T Mobility, a personal wireless telecommunications carrier, to evaluate the base station (Site No. SF1754) proposed to be located at 2041 Larkin Street in San Francisco, California, for compliance with appropriate guidelines limiting human exposure to radio frequency ("RF") electromagnetic fields.

#### Background

The San Francisco Department of Public Health has adopted a 10-point checklist for determining compliance of proposed WTS facilities or proposed modifications to such facilities with prevailing safety standards. The acceptable limits set by the FCC for exposures of unlimited duration are:

Wireless Service	Frequency Band	Occupational Limit	Public Limit
Microwave (Point-to-Point)	5-80,000 MHz	5.00 mW/cm <sup>2</sup>	1.00 mW/cm <sup>2</sup>
BRS (Broadband Radio)	2,600	5.00	1.00
AWS (Advanced Wireless)	2,100	5.00	1.00
PCS (Personal Communication)	1,950	5.00	1.00
Cellular	870	2.90	0.58
SMR (Specialized Mobile Radio)	855	2.85	0.57
700 MHz	700	2.35	0.47
[most restrictive frequency range]	30300	1.00	0.20

The site was visited by Mr. George Sablan, a qualified field technician employed by Hammett & Edison. Inc., during normal business hours on November 4, 2010, a non-holiday weekday, and reference has been made to information provided by AT&T, including zoning drawings by Streamline Engineering and Design, Inc., dated October 19, 2010.

#### Checklist

1. The location of all existing antennas and facilities at site. Existing RF levels.

There were observed no wireless base stations installed at the site. Existing RF levels for a person at ground near the site were less than 1% of the most restrictive public exposure limit.

2. The location of all approved (but not installed) antennas and facilities. Expected RF levels from approved antennas.

No other WTS facilities are reported to be approved for this site but not installed.

3. The number and types of WTS within 100 feet of proposed site and estimates of additive EMR emissions at proposed site.

There were no other WTS facilities observed within 100 feet of the site.

HAMMETT & EDISON, INC. CONSULTING INGINEERS

# AT&T Mobility • Proposed Base Station (Site No. SF1754) 2041 Larkin Street • San Francisco, California

# 4. Location (and mamber) of Applicant's antennas and back-up facilities per building and location (and number) of other WTS at site.

AT&T proposes to install six Andrew directional panel antennas – three Model QBXLH-6565A-R2M and three Model DBXNH-6565A-R2M – within the existing steeple above the roof of the three-story Church for the Fellowship of All Peoples, located at 2041 Larkin Street. The antennas would be stack-mounted at effective heights of about 50 and 57 feet above ground, 5 and 12 feet above the roof, respectively, and would be oriented with 4° downtilt in pairs (one of each) toward 10°T, 150°T, and 260°T.

# 5. <u>Power rating (maximum and expected operating power) for all existing an proposed backup</u> equipment subject to application.

The expected operating power of the AT&T transmitters is reflected in the resulting effective radiated power given in Item 6 below; the transmitters may operate at a power below their maximum rating.

# 6. Total number of watts per installation and total number of watts for all installations at site.

The maximum effective radiated power proposed by AT&T in any direction is 7,570 watts, representing simultaneous operation at 1,820 watts for AWS, 3,120 watts for PCS, 1,850 watts for cellular, and 780 watts for 700 MHz service.

7. <u>Plot or roof plan showing method of attachment of antennas, directionality of antennas, and height above roof level. Discuss nearby inhabited buildings.</u>

The drawings show the proposed antennas to be installed as described in Item 4 above. There were noted no buildings of similar height nearby.

# 8. Estimated ambient RF levels for proposed site and identify three-dimensional perimeter where exposure standards are exceeded.

For a person anywhere at ground, the maximum ambient RF exposure level due to the proposed AT&T operation is calculated to be 0.020 mW/cm<sup>2</sup>, which is 2.9% of the applicable public exposure limit. Ambient RF levels at the site are therefore estimated to be below 3% of the limit. The maximum calculated level at any nearby building<sup>\*</sup> is 19% of the public limit. The three-dimensional perimeter of RF levels equal to the public exposure limit is calculated to extend up to 60 feet out from the antenna faces and to much lesser distances above, below, and to the sides; this includes areas of the roof of the building, but does not reach any publicly accessible areas.

# 9. Describe proposed signage at site.

Due to their mounting locations, the AT&T antennas would not be accessible to the general public, and so no mitigation measures are necessary to comply with the FCC public exposure guidelines. To

HAMMETT & EDISON, INC. CONSULTING FAGINEERS SAN BRANCISCO AT1754599 Page 2 of 3

Including the surrounding three-story residences.

## AT&T Mobility • Proposed Base Station (Site No. SF1754) 2041 Larkin Street • San Francisco, California

prevent occupational exposures in excess of the FCC guidelines, no access within 23 feet directly in front of the antennas themselves, such as might occur during maintenance work on the roof, should be allowed while the base station is in operation, unless other measures can be demonstrated to ensure that occupational protection requirements are met. Posting explanatory warning signs<sup>†</sup> on the steeple in front of or below the antennas, such that the signs would be readily visible from any angle of approach to persons who might need to work within that distance, would be sufficient to meet FCC-adopted guidelines.

#### 10. Statement of authorship.

The undersigned author of this statement is a qualified Professional Engineer, holding California Registration Nos. E-13026 and M-20676, which expire on June 30, 2011. This work has been carried out under his direction, and all statements are true and correct of his own knowledge except. where noted, when data has been supplied by others, which data he believes to be correct.

#### Conclusion

Based on the information and analysis above, it is the undersigned's professional opinion that operation of the base station proposed by AT&T Mobility at 2041 Larkin Street in San Francisco, California, will comply with the prevailing standards for limiting public exposure to radio frequency energy and, therefore, will not for this reason cause a significant impact on the environment. The highest calculated level in publicly accessible areas is much less than the prevailing standards allow for exposures of unlimited duration. This finding is consistent with measurements of actual exposure conditions taken at other operating base stations. Posting explanatory signs is recommended to establish compliance with occupational exposure limitations.

E-13026 ÷ M-20676 William F. Hammett, P.E. 707/996-5200 Exp. 6-30-2011

November 15, 2010

Warning signs should comply with OET-55 color, symbol, and content recommendations. Contact information should be provided (e.g., a telephone musicor) to arrange for access to restricted areas. The estocution of language(s) is not an angineering matter; the San Francisco Department of Public Health recommends that all signs be written by English. Spanich, and Chinese.

HAMMETT & EDISON, INC. CONJUTING INCLINESS SAN RESERVED

AT1754599 Page 3 of 3



# City and County of San Francisco DEPARTMENT OF PUBLIC HEALTH ENVIRONMENTAL HEALTH SECTION

Gavin Newsom, Mayor Mitchell H. Katz, MD. Director of Health

Rajiv Bhatia, MD, MPH, Director of EH

## Review of Cellular Antenna Site Proposals

Project Sponsor : RF Engineer Consu Project Address/Lo Site ID: 1356	onser: AT&T	Vireless	Planner:	Jonas Ionin	
• •		Hammett and Edison		Phone Number:	(707) 996-5200
- Project A	ddress/Location:	2041 Larkin St		n - Sana an	-
Site ID:	1356	SiteNo.: SF17	754		<b></b>

The following information is required to be provided before approval of this project can be made. These information requirements are established in the San Francisco Planning Department Wireless Telecommunications Services Facility Siting Guidelines dated August 1996.

In order to facilitate quicker approval of this project, it is recommended that the project sponsor review this document before submitting the proposal to ensure that all requirements are included.

X 1. The location of all existing antennas and facilities. Existing RF levels. (WTS-FSG, Section 11, 2b)

No Existing Antennas: Existing Antennas

2. The location of all approved (but not installed) antennas and facilities. Expected RF levels from the X approved antennas. (WTS-FSG Section 11, 2b)

🗘 Yes 🛞 No

3. The number and types of WTS within 100 feet of the proposed site and provide estimates of cumulative EMR emissions at the proposed site. (WTS-FSG, Section 10.5.2)

🔿 Yes 👘 🕥 No

4. Location (and number) of the Applicant's antennas and back-up facilities per building and number and location of other telecommunication facilities on the property (WTS-FSG, Section 10.4.1a) X

5. Power rating (maximum and expected operating power) for all existing and proposed backup X equipment subject to the application (WTS-FSG, Section 10.4.1c)

Maximum Power Rating: 7570 watts.

**X** 6. The total number of watts per installation and the total number of watts for all installations on the building (roof or eide) (WTS BEC Section 10.5.1) building (roof or side) (WTS-FSG, Section 10.5.1).

Maximum Effective Radiant: 7570 watts.

7. Preferred method of attachment of proposed antenna (roof, wall mounted, monopole) with plot or roof X plan. Show directionality of antennas. Indicate height above roof level. Discuss nearby inhabited buildings (particularly in direction of antennas) (WTS-FSG, Section 10.41d)

8. Report estimated ambient radio frequency fields for the proposed site (identify the three-dimensional x perimeter where the FCC standards are exceeded.) (WTS-FSG, Section 10.5) State FCC standard utilized and power density exposure level (i.e. 1986 NCRP, 200 µw/cm<sup>2</sup>)

mW/cm<sup>2</sup> Maximum RF Exposure Percent: 2,9 0.02 Maximum RF Exposure:

9. Signage at the facility identifying all WTS equipment and safety precautions for people nearing the equipment as may be required by any applicable FCC-adopted standards. (WTS-FSG, Section 10.9.2). X Discuss signage for those who speak languages other than English.

Public_Exclusion_Area	Public Exclusion In Feet:	60
Occupational_Exclusion_Area	Occupational Exclusion In Feet:	23



## City and County of San Francisco DEPARTMENT OF PUBLIC HEALTH ENVIRONMENTAL HEALTH SECTION

Gavin Newsom, Mayor Mitchell H. Katz, MD, Director of Health Rajiv Bhatia, MD, MPH, Director of EH

## Review of Cellular Antenna Site Proposals

Project Sponsor : AT&T	Vireless P	lanner: Jonas Ionin
RF Engineer Consultant:	Hammett and Edison	Phone Number: (707) 996-5200
Project Address/Location:	2041 Larkin St	
Site ID: 1356	SiteNo.: SF1754	L

The following information is required to be provided before approval of this project can be made. These information requirements are established in the San Francisco Planning Department Wireless Telecommunications Services Facility Siting Guidelines dated August 1996.

In order to facilitate quicker approval of this project, it is recommended that the project sponsor review this document before submitting the proposal to ensure that all requirements are included.

X I. The location of all existing antennas and facilities. Existing RF levels. (WTS-FSG, Section 11, 2b)

Existing Antennas No Existing Antennas:

2. The location of all approved (but not installed) antennas and facilities. Expected RF levels from the approved antennas. (WTS-FSG Section 11, 2b)

O Yes 🔍 No

3. The number and types of WTS within 100 feet of the proposed site and provide estimates of cumulative EMR emissions at the proposed site. (WTS-FSG, Section 10.5.2)

🔾 Yes 🛛 💿 No

4. Location (and number) of the Applicant's antennas and back-up facilities per building and number and location of other telecommunication facilities on the property (WTS-FSG, Section 10.4.1a)

5. Power rating (maximum and expected operating power) for all existing and proposed backup equipment subject to the application (WTS-FSG, Section 10.4.1c)

Maximum Power Rating: 7570 wafts.

**X** 6. The total number of watts per installation and the total number of watts for all installations on the building (roof or side) (WTS-FSG, Section 10.5.1).

Maximum Effective Radiant: 7570 watts.

7. Preferred method of attachment of proposed antenna (roof, wall mounted, monopole) with plot or roof plan. Show directionality of antennas. Indicate height above roof level. Discuss nearby inhabited buildings (particularly in direction of antennas) (WTS-FSG, Section 10.41d)

8. Report estimated ambient radio frequency fields for the proposed site (identify the three-dimensional perimeter where the FCC standards are exceeded.) (WTS-FSG, Section 10.5) State FCC standard utilized and power density exposure level (i.e. 1986 NCRP, 200 μw/cm<sup>2</sup>)

Maximum RF Exposure: 0.02 mW/cm<sup>2</sup> Maximum RF Exposure Percent: 2.9

9. Signage at the facility identifying all WTS equipment and safety precautions for people nearing the equipment as may be required by any applicable FCC-adopted standards. (WTS-FSG, Section 10.9.2). Discuss signage for those who speak languages other than English.

Public_Exclusion_Area	Public Exclusion in Feet.	60
Occupational Exclusion_Area	Occupational Exclusion In Feet	23
-		

# Affidavit of Conducting a Community Outreach Meeting

 <u>Erin Whitney</u>, do hereby declare as follows: (print name)

1. I have conducted a Community Outreach Meeting for the proposed wireless telecommunication facility in accordance with Planning Commission Resolution No. 16539.

2. The meeting was conducted at <u>Helen Wills Park (Garden Room)</u>, 1965 Larkin Street (location/address) on <u>April 27, 2011</u> (date) from <u>7:00 p.m.</u> (time).

3. I have included the mailing list, meeting notice, sign-up sheet and response summary. I understand that I am responsible for the accuracy of this information and that erroneous information may lead to suspension or revocation of the permit.

4. I have prepared these materials in good faith and to the best of my ability.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

EXECUTED ON THIS DAY, \_April 28, 2011\_ IN SAN FRANCISCO, CA

-fri Enin Whitney waldte Signat(/re

Erin Whitney, KDI Name (type or print)

Agent representing AT&T Mobility Relationship to Project, e.g., Owner, Agent (if Agent, give business name and profession)

2041 Larkin Street Project Address

## NOTICE OF NEIGHBORHOOD MEETING

# To: Neighborhood Groups, Neighbors & Owners within 500" radius of 2041 Larkin Street

Meeting Information Date: Wednesday, April 27, 2011 Time: 7:00 p.m. Where: Helen Wills Park (Garden Room) 1965 Larkin Street San Francisco, CA 94109 Site Information Address: 2041 Larkin Street Block/Lot 0572/003 Zoning: RH-3 Applicant: AT&T Mobility	AT&T Mobility is proposing a wireless communication facility 4 2041 Larkin Street, faceded by AT&T Mobility as part of its San Francisco wireless network. The proposed AT&T Mobility site is an unmanned facility consisting of the installation of six (6) panel antennas located within the existing church steeple completely streened from view. The associated equipment will be located inside the building on the second floor. Plans and photo simulations will be available for your review at the meeting. You are invited to attend an informational commonty meeting located at the Helen Wills Pack (Garden Roum), 1965 Larkin Street on Wednesday. April 27, 2011 at 7:00 p.m. to learn more about the project. If you have any questions regarding the proposal and are unable to attend the meeting, please contact the AT&T Mobility Hotline at (415) 646-0972 and an AT&T Mobility specialist will return your call. Please contact Aaron Hotlister, project planner with the City of San Francisco Planning Department at (415) 575-9078 if you liawe any questions regarding the planning process.
Contact Information	NOTE: If you require an interpreter to be present at the meeting, please contact
AT&T Mobility Hotline	our office at (415) 646-0972 no later than 5:00pm on Monday. April 25, 2011
(415) 646-0972	and we will make every effort to provide you with an interpreter.

# NOTIFICACIÓN DE REUNIÓN DE VECINDARIO

# Para: Grupos de vecindarios, vecinos y propietarios dentro de un radio de 500' de 2041 Larkin Street

Fecha Hora: Donde:	n de la reunión Miércoles 27 de abril de 2011 7:00 p m. Helen Wills Park (Garden Room) 1965 Larkin Street San Francisco, C'A 94109 in del Jugar 2041 Larkin Street	AT&T Mobility propone instalar una instalación de comunicaciones inalámbricas en 2041 Larking Street necesaria para AT&T Mobility como parte de su red inalámbrica en San Fruncisco. La ubicación propuesta de AT&T Mobility es una instalación sun personal que consiste en la instalación de seis (b) antenas parel ubicadas dentro del campunario de la iglesia completamente cubierto de la vista. El equipo relacionado se ubicará dentro del cufficio en la resultón. Se lo invita a asistir a una reunión informativa de la comunidad que se realizará en Helen Wills Park (Garden Room), 1965 Larkin Street el microles 27 de ubrit de 2011 a las 7:00 p.m. para tener más
	Cúadra/Lote 0572/003 Zonificación: RH-3	información sobre el proyecto,
Solicifante AT&T Mol	bility	Si tiene preguntas relacionadas con la propuesta y no puede asimir a la reunión, por favor, llame a la Línea Directa de AT&T Mobility, (415) 646-0972, y un especialista de AT&T Mobility le devolverá el llamado. Por favor, contacte a Aaron Hollister, planificador de proyecto, en el Departamento de Planificación de la Ciudad de San Francisco al (415) 575-9078 si tiene alguna pregunta relacionada con el proceso de
	ín de contacto	
	ta de AT&T Mobility	planificación.
(415) 646-(	972	and the second second and a second and a second and second s
		NOTA: Si necesita que un intérprete esté presente en la reunión, por favor, confacte a mustra oficina al (418) 646-0972 el luncs 25 de abril de 2011 antes de las 5:00 p.m. y haremos todos lo posible para proporcionarie un intérprete.

#### 社區會議通知

# 致:Larkin 街 2041 號局屬五百英尺內的社區組織、居民和業主

	會議資訊	AT&T Mobility 公司計畫在 Larkin 街 2041 號建造一座無線通訊設施,作為
日期	2011年4月27日、星期二	AT&T Mobility 公司在三藩市無線網路的一部分。計畫中的 AT&T Mobility 設
時間	下午 7:00	施為無人操作設施,將安裝六 (6) 根平板天線。這些天線將被放置在現有的教
地點:	加利福尼亞州三藩市 Larkin	堂尖頂內,從外面完全看不到這些天線。相關的設備將被放置在該建築的二
街 1965 號	Helen Wills 公園(Garden Room)	律。我們在會上躬提供計畫書和類比圖片供您參考。我們該意邀請您參加定於
(郵編941	09)	2011 年 4 月 27 日星谢三下午 7:00 在 Larkin 街 1965 號 Helen Wills 公園
	設施地藝資訊	(Garden Room) 召開的社區通氣會,以便您瞭解有關本專案的更多資訊。
地址:	Larkan街 2041號	如果您對該計畫有任何疑問。但是無法出席這次會議,讀撥打AT&T Mobility
	街區/地段:0572/003	公司慈線電話(415) 646-0972, AT&T Mobility公司的一位專業人員將會回復您
	分區:RH3	的電話。如果您對本規劃程式有任何疑問 請致電 (415) 575-9078與三藩市城
	申請公司	市規劃署的項目計畫員Aaron Hollisler明繁。
AT&T Mo	bility	
	現資連環	注意如果您需要一名翻譯陪同您出席會議,請在不晚於 2011 年 4 月 25 日(显
AT&T Mo	hility公司慈線電話	期一)下午 5 點前致電 (415) 646-0972 與本辦公室聯繫。我們將盡力為您配備
(415) 646	-0972	一名希望。

at&t

# Church of the Fellowship Community Meeting April 27, 2011

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# Church of the Fellowship Community Meeting April 27, 2011

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	673-4394	415-553-415-5			WS- ULL & abl	HIS- 797 8248	(415) 776- 4910		415,776.4910				
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