Discretionary Review Full Analysis

HEARING DATE FEBRUARY 17, 2011 CONTINUED FROM DECEMBER 2, 2010

Date: February 10, 2011

Case No.: **2010.0557D**

Project Address: 1653 Grant Avenue (aka 501 Greenwich Street)

Permit Application: 2009.0626.1437

Zoning: RM-2 (Residential, Mixed, Moderate Density) District

North Beach-Telegraph Hill Residential Special Use District

40-X Height and Bulk District

Block/Lot: 0088/001

Project Sponsor: Joseph Camicia of Permit Me for

T-Mobile

1855 Gateway Boulevard, Suite 900

Concord, CA 94520

Staff Contact: Aaron Hollister – (415) 575-9078

aaron.hollister@sfgov.org

Recommendation: Do not take DR and approve the project as proposed.

PROJECT DESCRIPTION

The project proposes to add a T-Mobile micro wireless telecommunications service facility consisting of a panel antenna shrouded inside a faux vent pipe structure and equipment cabinets. The faux vent pipe would be mounted on the rooftop of the subject building at a height of approximately 42.5 feet with approximate dimensions of five feet in height and 10 inches in diameter. The faux vent pipe would also be set back a minimum of seven feet from edge of the building. The equipment cabinets would be mounted to the wall of an existing penthouse stair structure found at the center of the structure.

SITE DESCRIPTION AND PRESENT USE

The project is located on the southwest corner of Grant Avenue and Greenwich Street, Assessor's Block 0088, Lot 001. This site is within the RM-2 (Residential, Mixed, Moderate Density) District, the North Beach-Telegraph Hill Special Use District and a 40-X Height and Bulk District. The project site is entirely occupied by a three to four-story residential building that contains 15 dwelling units. The subject building was constructed in 1908.

SURROUNDING PROPERTIES AND NEIGHBORHOOD

The project is located on the western slope of Telegraph Hill, which tends to be residential in nature and features a variety of multi-story, multi-dwelling unit buildings with varying architectural styles. Pioneer Park and Coit Tower are located one block to the east of the project, while the Grant Avenue commercial

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

Reception: 415.558.6378

Fax:

415.558.6409

Planning Information: 415.558.6377 corridor of the North Beach Neighborhood Commercial District is located one block to the south of the project site.

BUILDING PERMIT APPLICATION NOTIFICATION

TYPE	REQUIRED PERIOD	NOTIFICATION DATES	DR FILE DATE	DR HEARING DATE	FILING TO HEARING TIME
311 Notice	30 days	June 7, 2010 – July 7, 2010	July 6, 2010	February 17, 2011*	227 days

^{*} Hearing was originally scheduled for September 30, 2010, but was continued on two occasions at the request of the office of Supervisor D. Chiu.

HEARING NOTIFICATION*

TYPE	REQUIRED PERIOD	REQUIRED NOTICE DATE	ACTUAL NOTICE DATE	ACTUAL PERIOD
Posted Notice	10 days	September 20, 2010	September 20, 2010	10 days
Mailed Notice	10 days	September 20, 2010	September 20, 2010	10 days

^{*} Hearing was continued from the originally schedule date of September 30, 2010.

PUBLIC COMMENT

	SUPPORT	OPPOSED	NO POSITION
Adjacent neighbor(s)	None	1	Х
Other neighbors on the			
block or directly across	2	None	X
the street			
Neighborhood groups	None	1	Χ

The Department has received written comments/and or petition signatures from the project sponsor and the DR requestor. The project sponsor has six letters of support from residents of the area, and a petition containing 128 signatures from residents of the area. The project sponsor also submitted letters and petition signatures from residents outside of the area.

The Department has received correspondence in opposition to the project from three residents of the area and has received several telephone calls in opposition of the project.

DR REQUESTOR

Telegraph Hill Dwellers PO Box 330159 San Francisco, CA 94133

A resident who lives in the subject building is also an interested party in the DR application.

DR REQUESTOR'S CONCERNS AND PROPOSED ALTERNATIVES

Issue #1: T-Mobile has failed to show a significant gap or need for service in the area as mandated by the WTS Siting Guidelines for a Preference 7 (Disfavored Site) location. T-Mobile has not proven that if such a gap does exist, the proposed antennas are the least intrusive alternative for filling this significant gap in service in the neighborhood.

Issue #2: The project is not in conformance with the City's General Plan in that the project does not "encourage development which provides substantial net benefits and minimizes undesirable consequences" and does not "mitigate negative impacts."

Issue #3: Neighbors have aesthetic concerns regarding the blockage of views.

Issue #4: The industrial/commercial facility is an unrelated change in use of a residential apartment building that is unnecessary to the building's operation and enjoyment.

Issue #5: Applying for a wireless facility at this location as an Accessory Use in an abuse of the Accessory Use process.

Issue #6: If T-Mobile upgrades the site from a micro-cell site to a macro-cell site, the Planning Department has no requirements that wireless carriers inform the Planning Department of such upgrades or seek new permits to do so.

Issue #7: If upgraded to a macro-cell site, the project may not meet Federal Communication Commission regulations regarding radio frequency radiation exposure.

Proposed Alternatives: The project sponsor may locate this wireless facility at a different location, colocate the facility an already-existing wireless site, or enter into an inter-carrier service agreement with a different carrier to share an existing facility or facilities in the service area.

Please reference the attached Discretionary Review Application, dated July 6, 2010.

PROJECT SPONSOR'S RESPONSE

Response to Siting Issue:

T-Mobile believes the site is necessary to increase the quality of services it offers in the area in terms of 3G technology that T-Mobile believes is currently lacking in the area. Existing and proposed coverage maps have been included in the project sponsor's response. T-Mobile also states that customers in the area have complained that dropped calls, weak or no signal, and slow downloading speeds are common in the area.

T-Mobile also explored locating the proposed WTS facility on a publicly-used facility, co-location site and/or wholly industrial/commercial structures in the area, which are generally preferred location sites. However, T-Mobile found these sites to be limited in the project area, which primarily features residential and mixed-use buildings. The public facilities in the area were limited to Washington Square and Pioneer Park, and installing a WTS facility at either location without having visual impacts was difficult. Also, far-reaching coverage could not be extended to the desired coverage area from a co-location or wholly industrial/commercial location because of problems with the operability of a WTS facility due to topographic constraints in the area.

Response to Use Issues: The project sponsor maintains that the project is designed to meet the requirements stipulated in the T-Mobile *Accessory Use Determination* letter signed by Zoning Administrator on May 15, 2006. The project sponsor further maintains that the rooftop antennas are subordinate to the primary uses of the mixed-use building. The applicant noted that the Planning Department staff and the Planning Commission have agreed that rooftop antenna facilities qualify as accessory uses in accord with the *Accessory Use Determination* letter and applicable Planning Code Sections.

Response to Visual and Aesthetic Impacts: The project sponsor noted that the antennas will be hidden within a vent-like enclosure, which resemble standard rooftop vents that are commonly occurring elements on residential buildings, and will blend with the existing rooftop development. The vent pipe enclosure will be set back from the edges of the building and will be located in a position that will minimize its visibility from nearby public rights-of-way. The project sponsor has included drawings, photos and photo simulations for further reference.

Please reference the attached Response to Discretionary Review Application, dated September 21, 2010.

PROJECT ANALYSIS

Based on service coverage maps provided by T-Mobile, the project addresses a coverage gap in T-Mobile's service in the North Beach/Western Telegraph Hill area utilizing equipment that is minimal in both appearance and power. Although the proposed site is a Preference 7 location, T-Mobile has been able to demonstrate that efforts were made and considered to locate the proposed site at a higher preference location as outlined in T-Mobile's response. Because efforts have been made to minimize the project and to search for more preferential sites as established by the WTS Siting Guidelines, the proposed project appears to be the least intrusive alternative in filling a coverage gap T-Mobile currently has in the project area.

The design of the site and minimal dimensions of the equipment are anticipated to make the proposed installation not visible or only minimally visible when viewed from nearby public rights-of-way (please see attached photo simulations), and thus, the site is not expected to create visual impacts. T-Mobile worked with Department staff to minimize the dimensions of the proposed equipment and to provide setbacks that would decrease the visibility of the of faux vent pipe from adjacent rights-of-way. Also of note, private views from residences are not protected.

The practice of approving similar micro-cellular sites as Accessory Uses has been a well-vested practice of the Department since 1998. A Letter of Determination issued by the Zoning Administrator dated May 15, 2006 (attached), established the equipment type, equipment concealment efforts and processing procedures that would be necessary to consider a T-Mobile site an Accessory Use in Residential Districts as defined in Planning Code Section 204.1. The Department has determined that the proposed project would meet the requirements established in the 2006 Letter of Determination. Furthermore, the proposed project would be consistent with Planning Code 204.1 as an Accessory Use as the project would be a use that is appropriate, incidental and subordinate to lawful principal uses found at the site. Because the project has been found to be compliant the 2006 Letter of Determination, Planning Code Section 204.1 and Department procedures, the project would not represent an abuse of the Accessory Use process.

If the proposed project were to be changed to a larger macro-cellular site, T-Mobile would be required to obtain permits and entitlements for the site modification, contrary to the DR Applicant's claim, and the Planning Commission would have to authorize Conditional Use in order to upgrade to a macro-cellular site. Also, if a macro upgrade were to be proposed, T-Mobile would be required to prove that the upgraded site is compliant with the Federal Communication Commission's (FCC) regulations regarding radio frequency (RF) exposure. Locally, the Department of Public Health (DPH) assures that WTS facilities are compliant with FCC RF exposure requirements. Under current procedures, a WTS facility applicant must receive approval from DPH regarding compliance with RF exposure requirements before an application for Conditional Use may be submitted to the Planning Department.

ENVIRONMENTAL REVIEW

The proposed project was determined by the 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

RESIDENTIAL DESIGN TEAM REVIEW

The request for Discretionary Review was not reviewed by the Department's Residential Design Team as the project represents a change of use.

BASIS FOR RECOMMENDATION

The Department believes that the project is not exceptional or extraordinary for the following reasons:

- The project sponsor has provided coverage maps indicating gaps in coverage in the project area, and that the proposed Accessory Use site would address these gaps.
- The proposed use will not eliminate space that is currently occupied by commercial or residential building uses.
- The proposed WTS facility constitutes an Accessory Use.
- Review by a number of City departments will ensure that life/safety requirements are met.
- The proposed WTS facility will not visually compromise the building due to its overall size and location on the building relative to the public right-of-way.

RECOMMENDATION:

Do not take DR and approve the project as proposed.

Attachments:

Block Book Map

Sanborn Map

Zoning Map

Aerial Photographs

Context Photos

Section 311 Notice

DR Application

Public Correspondence

Applicant's Submittal

Response to DR Application dated September 21, 2010

Coverage Map

Photo Simulations

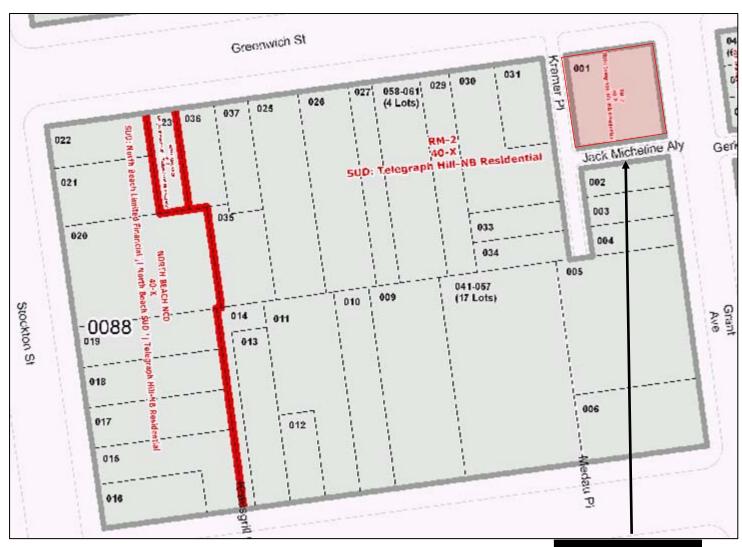
Radio Frequency Report

Department of Public Health Review

Reduced Plans

AJH G:\DOCUMENTS\Projects\DR\1653 Grant Avenue\1653 Grant Avenue DR - Full Analysis.docd

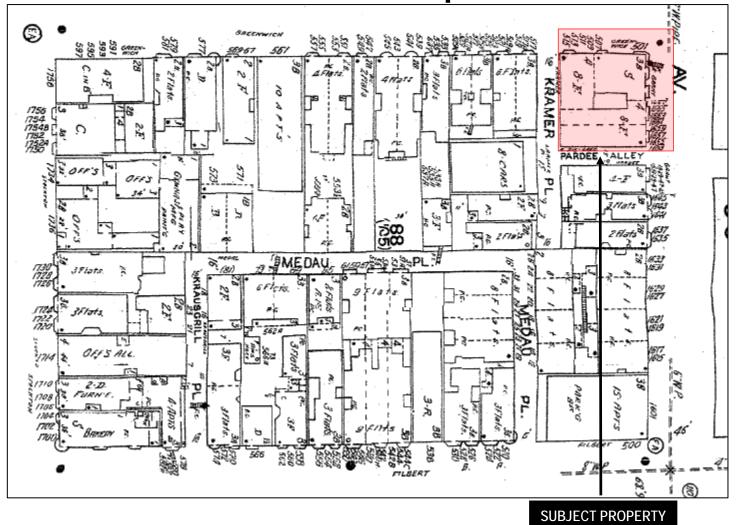
Parcel Map



SUBJECT PROPERTY

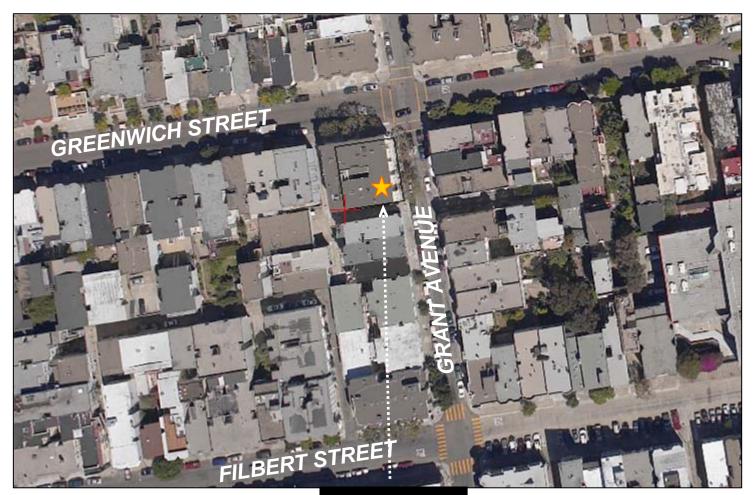


Sanborn Map*



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

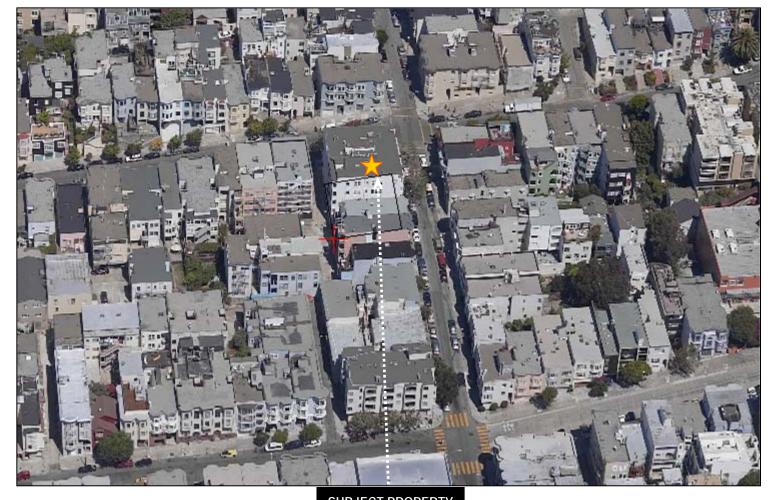




SUBJECT PROPERTY



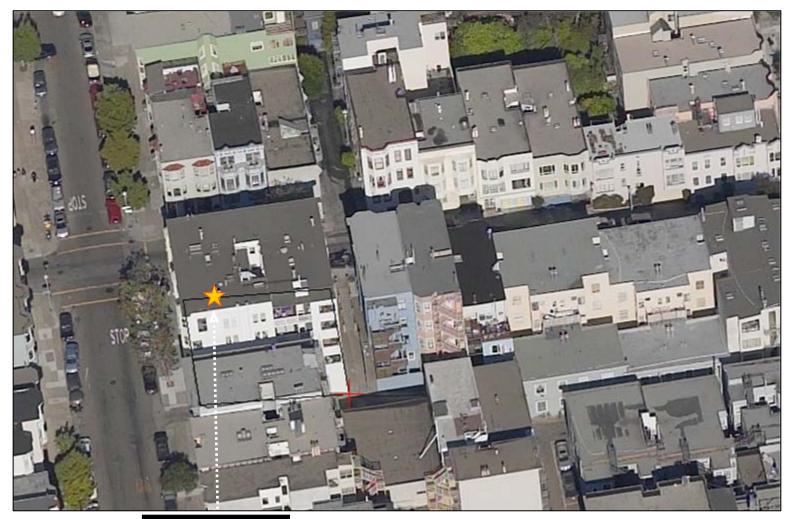
North-Facing



SUBJECT PROPERTY



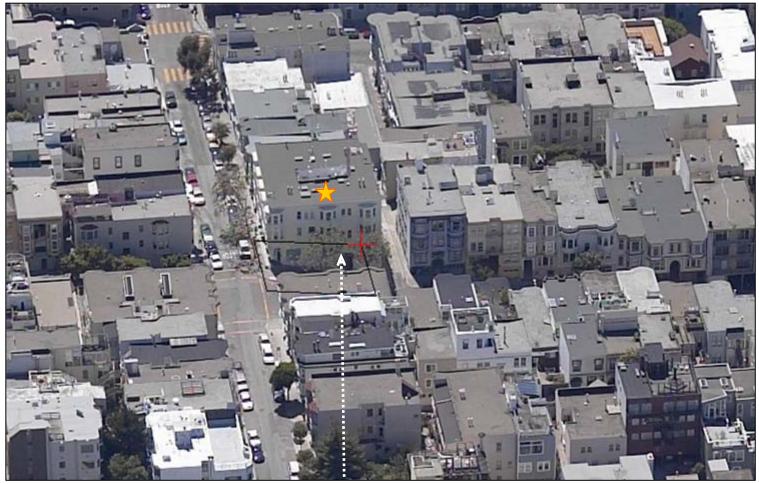
East-Facing



SUBJECT PROPERTY



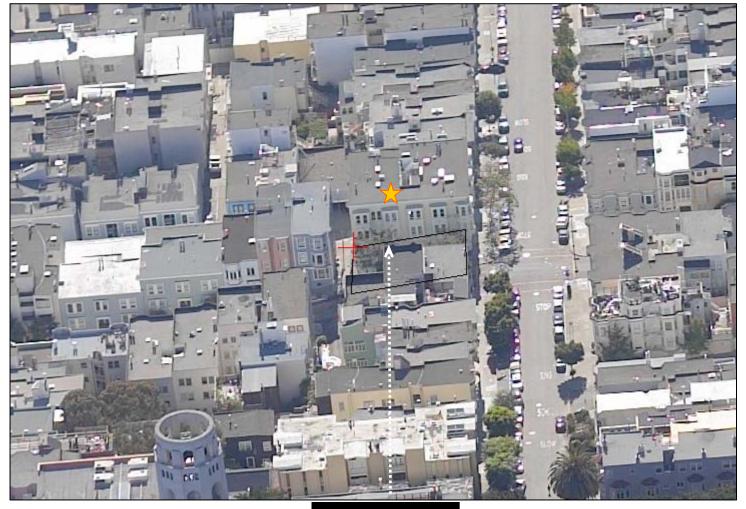
South-Facing



SUBJECT PROPERTY



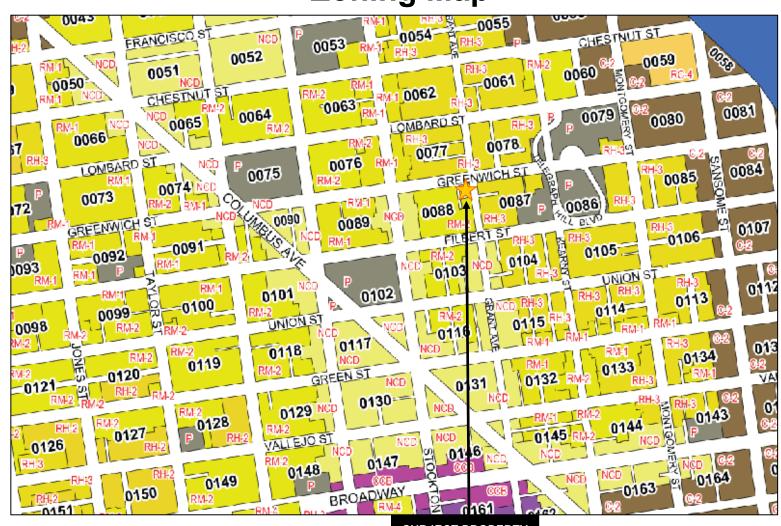
West-Facing



SUBJECT PROPERTY



Zoning Map



SUBJECT PROPERTY



SAN FRANCISCO PLANNING DEPARTMENT



1660 Mission Street, Suite 500 San Francisco, California 94103 www.sfgov.org/planning

May 15, 2006

Brian Pudlik, Parsons Representing Omnipoint T-Mobile 185 Berry Street, Suite 4300 San Francisco, CA 94107

Re: T-Mobile

Accessory Use Determination for Microcell Facilities

Mr. Pudlik,

This determination is in response to your request for certain types of wireless telecommunication facilities qualification as accessory uses under the Planning Code.

After reviewing previous determinations, the Planning Code (Sections 204 and 703.2(b)(1)(C) for Accessory Uses, General and Accessory Uses in Neighborhood Commercial Districts, respectively) and the information submitted with your letter, I have determined that the proposed antenna installations would fall within the scope of accessory uses as authorized in previous letters of determinations for other wireless service providers.

This authorization shall be limited to the following:

- 1. The installation of up to one panel antennae, with overall dimensions of no more than 30 inches high, 6.8 inches wide and 3.5 inches deep (mounted on the roof within a false vent, limited to extend up to five feet above the existing roof-line and set back at least five feet from the any edge of the building, these maximum dimensions are to be reduced whenever possible) or up to two omni antennas no more than 24 inches in length and 1.5 inches in diameter (façade mounted and painted to match);
- 2. The installation of two Erickson equipment cabinets with exterior dimensions of 17" x 30" x 11" and screened from view or within an existing structure;
- 3. Individual emission calculations for each site shall be provided to the Department of Public Health for their review:
- 4. The installation of the panel antennas, coax cables and their related equipment cabinets are not to exceed the existing height of the structure to which they are to be attached, painted to match the color of the existing building, concealed, screened and/or otherwise designed to blend with existing architectural features, limiting them from public view; and

5. Any proposed installation must comply with the design review of the Planning Department.

In order to facilitate the review of these "microcell" antennas by the Planning Department and other City agencies, each application shall be accompanied by the Wireless Telecommunications Services (W.T.S.) Facilities Siting Guidelines Application Checklist for Accessory Use Applications.

If for any reason the Zoning Administrator finds that this determination is no longer applicable or an individual site merits review and authorization from the Planning Commission, the Zoning Administrator may initiate the conditional use application process.

If anyone believes this determination represents an error in the interpretation of the Planning Code or an abuse of discretion by the Zoning Administrator, this determination may be appealed to the Board of Appeals within fifteen (15) days from the date of this letter. For information on the appeals process, please contact the Board of Appeals, located at 1660 Mission Street, or call (415) 575-6880.

Sincerely,

Lawrence B. Badiner Zoning Administrator

LBB/JPI/N:/ZA/DETERMIN/2006/T-Mobile Accessory Use Determination.doc

T-Mobile • Proposed Base Station (Site No. SF13114) 501 Greenwich Street • San Francisco, California

Statement of Hammett & Edison, Inc., Consulting Engineers

The firm of Hammett & Edison, Inc., Consulting Engineers, has been retained by T-Mobile, a personal wireless telecommunications carrier, to evaluate the base station (Site No. SF13114) proposed to be located at 501 Greenwich 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 WTS facilities with prevailing safety standards. The acceptable limits set by the FCC for exposures of unlimited duration are:

Personal Wireless Service	Approx. Frequency	Occupational Limit	Public Limit
Broadband Radio ("BRS")	2,600 MHz	5.00 mW/cm^2	1.00 mW/cm^2
Advanced Wireless ("AWS")	2,100	5.00	1.00
Personal Communication ("PCS")	1,950	5.00	1.00
Cellular Telephone	870	2.90	0.58
Specialized Mobile Radio ("SMR")	855	2.85	0.57
Long Term Evolution ("LTE")	700	2.33	0.47
[most restrictive frequency range]	30-300	1.00	0.20

The site was visited by Mr. Robert W. Hammett, a qualified employee of Hammett & Edison, Inc., on June 18, 2009, and reference has been made to drawings by Streamline Engineering and Design, Inc., dated June 12, 2009, and to additional information provided by T-Mobile.

Checklist

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

There were observed no existing antennas on the three-story, mixed-use building located at 501 Greenwich Street. Existing RF levels at ground level 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 or other communications facilities are reported to be approved for this site but not yet 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.



T-Mobile • Proposed Base Station (Site No. SF13114) 501 Greenwich Street • San Francisco, California

4. <u>Location (and number) of Applicant's antennas and back-up facilities per building and location (and number) of other WTS at site.</u>

T-Mobile proposes to mount one RFS Model APXV18-206513T-C directional PCS antenna at the northeast corner of the roof inside an enclosure configured to resemble the existing vents on the roof. The antenna would be mounted at an effective height of about 42 feet above ground, $3^{1}/2$ feet above the roof, and would be oriented toward 20° T.

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

The maximum power rating of the T-Mobile transmitters is 2.2 watts, and the maximum composite output power rating of the power amplifier is 125 watts. The actual operating power will depend upon the system losses encountered after the physical cabling runs have been installed; the transmitter may operate at a power below its maximum rating, such that the power radiated from the antennas does not exceed the level given in Item 6 below.

- 6. <u>Total number of watts per installation and total number of watts for all installations at site.</u>
 The maximum effective radiated power proposed by T-Mobile in any direction is 275 watts.
- 7. Plot or roof plan showing method of attachment of antennas, directionality of antennas, and height above roof level. Discuss nearby inhabited buildings.

The drawings show the proposed antenna to be installed as described in Item 4 above. There were noted taller buildings, across the street.

8. <u>Estimated ambient RF levels for proposed site and identify three-dimensional perimeter where exposure standards are exceeded.</u>

For a person anywhere at ground, the maximum ambient RF exposure level due to the proposed T-Mobile operation by itself is calculated to be 0.0028 mW/cm², which is 0.28% of the applicable public exposure limit. The maximum calculated level at any nearby building is 1.0% of the public limit. The three-dimensional perimeter of RF levels equal to the public exposure limit is calculated to extend less than 6 feet directly in front of the T-Mobile antenna, and to much lesser distances to the side, below, and above the antenna.

9. <u>Describe proposed signage at site.</u>

Due to its mounting location, the T-Mobile antenna would not be accessible to the general public, and so no mitigation measures are necessary to comply with the FCC public exposure guidelines. To prevent occupational exposures in excess of the FCC guidelines, no access within 2 feet in front of the T-Mobile antenna itself, such as might occur during building maintenance activities, should be allowed



T-Mobile • Proposed Base Station (Site No. SF13114) 501 Greenwich Street • San Francisco, California

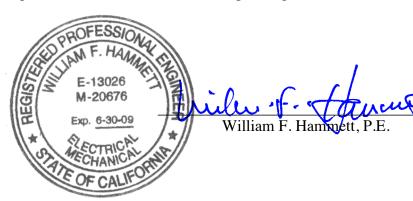
while the site is in operation, unless other measures can be demonstrated to ensure that occupational protection requirements are met. Marking an "exclusion area" to 5 feet in front of the antenna with yellow striping, and posting explanatory warning signs* at the roof access door and on the enclosure in front of the antenna, 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 Registrations Nos. E-13026 and M-20676, which expire on June 30, 2009. 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 my professional opinion that the proposed T-Mobile base station will comply with the prevailing standards limiting public exposure to radio frequency energy and, therefore, will not for this reason cause a significant impact on the environment. The highest estimated exposure levels in publicly accessible areas are many times 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.



June 22, 2009

^{*} Warning signs should comply with OET-65 color, symbol, and content recommendations. Contact information should be provided (*e.g.*, a telephone number) to arrange for access to restricted areas. The selection of language(s) is not an engineering matter, and guidance from the landlord, local zoning or health authority, or appropriate professionals may be required.



Gavin Newsom, Mayor Mitchell H. Katz, MD, Director of Health

Rajiv Bhatia, MD, MPH, Director of EH

Review of Cellular Antenna Site Proposals

Proje	ect Sponsor :	T-Mobile		Planner:	<u>Ionin</u>	
RF E	Engineer Const	ultant: 1	Hammett and Ed	ison	Phone Number:	(707) 996-5200
Proje	ect Address/Lo	ocation:	501 Greenwich S	t		
Site 1	ID: <u>1314</u>		SiteNo.:	SF13114		_
infor Telec In ore	mation requirem communications der to facilitate o	nents are estal Services Fac quicker appro	olished in the San ility Siting Guide val of this project	d before approval of the Francisco Planning D lines dated August 19th, it is recommended the true that all requirements	epartment Wireless 96. nat the project spons	
X	1. The location	of all existing	antennas and fac	ilities. Existing RF lev	vels. (WTS-FSG, Se	ection 11, 2b)
		Existing A	ntennas No Ex	isting Antennas: 0		
	approved anteni	nas. (WTS-FS	ed (but not installe GG Section 11, 2b	ed) antennas and facili)	ties. Expected RF lo	evels from the
	O Yes	● No				
X	3. The number a EMR emissions	and types of V	VTS within 100 for	eet of the proposed site. G, Section 10.5.2)	e and provide estim	ates of cumulative
	○ Yes	● No				
				ntennas and back-up fa		
				ating power) for all exi G, Section 10.4.1c)	sting and proposed	backup
	Maximui	m Power Rating	: 2.2 watts.			
			per installation and FSG, Section 10.	d the total number of 5.1).	watts for all installa	tions on the
	Maximum Ef	fective Radiant:	275 watts.			
X	plan. Show dire	ectionality of	antennas. Indicate	antenna (roof, wall me height above roof lev	el. Discuss nearby	
	buildings (partic	cularly in dire	ction of antennas) (WTS-FSG, Section	10.41d)	
<u>X</u>	perimeter where	the FCC star	ndards are exceed	elds for the proposed ed.) (WTS-FSG, Secti		
	-	• •		CRP, $200 \mu \text{w/cm}^2$)		
	Maximum RI	F Exposure:	0.0028 mW/cm ²	Maximum RF Expo	osure Percent: 0.2	8
<u>X</u>	equipment as m	ay be require	d by any applicab	quipment and safety p le FCC-adopted stands s other than English.		
		_Exclusion_Area		Public Exclusion In Fe	eet: 6	
	✓ Occup	ational_Exclusion	on Area	Occupational Exclusion	on In Feet: 2	<u> </u>

- **X** 10. Statement on who produced this report and qualifications.
- Approved. Based on the information provided the following staff believes that the project proposal will comply with the current Federal Communication Commission safety standards for radiofrequency radiation exposure. FCC standard 1986-NCRP Approval of the subsequent Project Implementation Report is based on project sponsor completing recommendations by project consultant and DPH.

Comments:

There are 0 antennas existing operated by T-Mobile installed on the roof top of the building at 501 Greenwich St. Exisiting RF levels at ground level were around 1% of the FCC public exposure limit. There were observed no other antennas within 100 feet of this site. T-Mobile proposes to install 1 new antenna. The antennas are mounted at a height of 40 feet above the ground. The estimated ambient RF field from the proposed T-Mobile transmitters at ground level is calculated to be 0.0028 mW/sq cm., which is 0.28 % of the FCC public exposure limit. The three dimensional perimeter of RF levels equal to the public exposure limit extends 6 feet and does not reach any publicly accessible areas. Warnings signs must be posted at the antennas and roof access points in English, Spanish and Chinese. Worker should not have access to within 2 feet of the front of the antennas while they are in operation.

Not Approved, additional information required.

Not Approved, does not comply with Federal Communication Commission safety standards for – radiofrequency radiation exposure. FCC Standard

1 Hours spent reviewing

Charges to Project Sponsor (in addition to previous charges, to be received at time of receipt by S₁

Dated: 6/18/2010

Signed:

Patrick Fosdahl

Environmental Health Management Section San Francisco Dept. of Public Health 1390 Market St., Suite 210, San Francisco, CA. 94102 (415) 252-3904

Fosdel



DI ANNED'S NAME:

SAN FRANCISCO PLANNING DEPARTMENT

1650 Mission Street Suite 400 San Francisco, CA 94103

TICE OF BUILDING PERMIT APPLICATION

On June 26, 2009, the Applicant named below filed Building Permit Application No. 2009.06.26.1437 (Alteration) with the City and County of San Francisco.

	CONTACT INFORMATION	PROJECT	SITE INFORMATION
Applicant:	Joseph Camicia for T-Mobile, INC.	Project Address:	1653 Grant Avenue
Address:	1855 Gateway Boulevard, Suite 900	Cross Streets:	Intersection of Greenwich
City, State:	Concord, CA 94520	Assessor's Block /Lot No.:	0088/001
Telephone:	(415) 722-1183	Zoning Districts:	RM-2/40-X

Under San Francisco Planning Code Section 311, you, as a property owner or resident within 150 feet of this proposed project, are being notified of this Building Permit Application. You are not obligated to take any action. For more information regarding the proposed work, or to express concerns about the project, please contact the Applicant above or the Planner named below as soon as possible. If your concerns are unresolved, you can request the Planning Commission to use its discretionary powers to review this application at a public hearing. Applications requesting a Discretionary Review hearing must be filed during the 30-day review period, prior to the close of business on the Expiration Date shown below, or the next business day if that date is on a week-end or a legal holiday. If no Requests for Discretionary Review are filed, this project will be approved by the Planning Department after the Expiration Date.

[] DEMOLITION and/or [] NEW CONSTRUCTION [] VERTICAL EXTENSION [] CHANGE # OF DWENT [] HORIZ. EXTENSION	LLING UNITS [] FACADE ALTERATION(S)
[] HORIZ. EXTENSION (FRONT) [] HORIZ. EXTENSION	(SIDE) [] HORIZ EXTENSION (REAR)
	(S.S.E.)
PROJECT FEATURES EXISTING	G CONDITION PROPOSED CONDITION
BUILDING USE Residential FRONT SETBACK N/A SIDE SETBACKS N/A BUILDING DEPTH N/A REAR YARD N/A HEIGHT OF BUILDING 42.5 feet NUMBER OF STORIES 3-4 NUMBER OF DWELLING UNITS N/A NUMBER OF OFF-STREET PARKING SPACES N/A	No Change

The proposal is to add a T-Mobile wireless telecommunications service (WTS) facility to the rooftop of the subject building. The WTS facility would consist of a panel antenna shrouded inside a faux vent pipe as well as equipment cabinets. Please see attached plans for more information.

EMAIL:	aaron.hollister@sfgov.org	EXPIRATION DATE:
PHONE NUMBER:	(415) 575-9078	DATE OF THIS NOTICE:
PLANNER'S NAME:	Aaron Hollister	

NOTICE OF BUILDING PERMIT APPLICATION GENERAL INFORMATION ABOUT PROCEDURES

Reduced copies of the site plan and elevations (exterior walls), and floor plans (where applicable) of the proposed project, including the position of any adjacent buildings, exterior dimensions, and finishes, and a graphic reference scale, have been included in this mailing for your information. Please discuss any questions with the project Applicant listed on the reverse. You may wish to discuss the plans with your neighbors and neighborhood association or improvement club, as they may already be aware of the project. Immediate neighbors to the project, in particular, are likely to be familiar with it.

Any general questions concerning this application review process may be answered by the Planning Information Center at 1660 Mission Street, 1st Floor (415/558-6377) between 8:00 a.m. - 5:00 p.m. Please phone the Planner listed on the reverse of this sheet with questions specific to this project.

If you determine that the impact on you from this proposed development is significant and you wish to seek to change the proposed project, there are several procedures you may use. We strongly urge that steps 1 and 2 be taken.

- 1. Seek a meeting with the project sponsor and the architect to get more information, and to explain the project's impact on you and to seek changes in the plans.
- 2. **Call the nonprofit organization Community Boards at (415) 920-3820**. They are specialists in conflict resolution through mediation and can often help resolve substantial disagreement in the permitting process so that no further action is necessary.
- 3. Where you have attempted, through the use of the above steps, or other means, to address potential problems without success, call the assigned project planner whose name and phone number are shown at the lower left corner on the reverse side of this notice, to review your concerns.

If, after exhausting the procedures outlined above, you still believe that exceptional and extraordinary circumstances exist, you have the option to request that the Planning Commission exercise its discretionary powers to review the project. These powers are reserved for use in exceptional and extraordinary circumstances for projects, which generally conflict with the City's General Plan and the Priority Policies of the Planning Code; therefore the Commission exercises its discretion with utmost restraint. This procedure is called Discretionary Review. If you believe the project warrants Discretionary Review by the Planning Commission over the permit application, you must make such request within 30 days of this notice, prior to the Expiration Date shown on the reverse side, by completing an application (available at the Planning Department, 1660 Mission Street, 1st Floor, or on-line at www.sfgov.org/planning). You must submit the application to the Planning Information Center during the hours between 8:00 a.m. and 5:00 p.m., with all required materials, and a check for \$300.00, for each Discretionary Review request payable to the Planning Department. If the project includes multi building permits, i.e. demolition and new construction, a separate request for Discretionary Review must be submitted, with all required materials and fee, for each permit that you feel will have an impact on you. Incomplete applications will not be accepted.

If no Discretionary Review Applications have been filed within the Notification Period, the Planning Department will approve the application and forward it to the Department of Building Inspection for its review.

BOARD OF APPEALS

An appeal of the approval (or denial) of the permit application by the Planning Department or Planning Commission may be made to the **Board of Appeals within 15 days** after the permit is issued (or denied) by the Superintendent of the Department of Building Inspection. Submit an application form in person at the **Board's office at 1650 Mission Street, 3rd Floor, Room 304**. For further information about appeals to the Board of Appeals, including their current fees, **contact the Board of Appeals** at **(415) 575-6880**.



awhitd@ix.netcom.com

10/12/2010 07:34 AM

Please respond to awhitd@ix.netcom.com

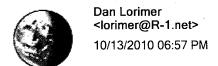
To aaron.hollister@sfgov.org, David.Chiu@sfgov.org

CC

bcc

Subject Cell Phones in North Beach

I urge you to ignore the protests of my Luddite neighbors in N. Beach. Thee is no evidence that cell phone antennas are dangerous. I welcome improved service. David E Whittall, 101 Lombard St



To aaron.hollister@sfgov.org

CC

bcc

Subject cell tower health risk

Dear Mr. Hollister --

I am definitely against the proliferation of cell phone towers that is proposed. Radiation from these towers is treated, in conflict with evidence to the contrary, as being free of hazard to people who spend extended periods of time in proximity to the towers.

http://www.emwatch.com/Cellmasts.htm

When these towers go in, the property owner is compensated, but the residents of his building and of adjacent buildings absorb all of the health risk. This is grossly unfair, and could appropriately be treated as an unlawful eviction by the building owner's tenants. Yet what recourse do adjacent tenants/owners have? None! For a small financial benefit, the owners of the properties where the towers are to be located endanger the lives of many people.

Thank you for your consideration,

Dan Lorimer 1315 Montgomery St. SF 94133



William.J.Reilly.67@Alum.Dar tmouth.ORG (William J. Reilly 67)

10/12/2010 08:51 AM

To president@thd.org

cc aaron.hollister@sfgov.org, David.Chiu@sfgov.org

bcc

Subject cell phone antennas

Please stop promoting your own agendas and claiming to be the voice of the neighborhood.

I have not seen any information from your partisans or T-Mobile that would enable

me to make an informed judgement on this issue.

I can tell you that as a T-Mobile customer I have virtually no service from my house (corner of Union and Montgomery). I have to walk almost to Washington Square

to get satisfacory service. Thus, I am certain that T-Mobile customers who live

on this portion of Telegraph Hill will welcome new antennnas.

Regardless of the actual pros and cons of these three antennas, I find your email

this morning with issues #1-9 to be unsupported and substantially groundless. It is the rant of a zealot throwing everything at the wall in the hope that something

might stick. It is not the way we should make decisions as a neighborhood and certainly makes the tasks of our elected and appointed representatives more difficult.

It is hard to take pride in being a member of the Hill Dwellers today.

William Reilly 1256 Montgomery

dues paying member of the Hill Dwellers (on and off) since 1977



"Marcy Albert" <marcy@abcg.com>

10/12/2010 11:37 AM

Please respond to <marcy@abcg.com> To <aaron.hollister@sfgov.org>, <David.Chiu@sfgov.org>

CC

bcc

Subject T-Mobile cell phone antenas in North Beach

We are unable to attend this planning meeting but we want you to know that we DISAGREE with the views put forth by THD. We feel that we need cell phone towers to increase the service so long as the antennas are either camouflaged or otherwise not unsightly, Item #3 below should probably get careful consideration. Otherwise let progress happen!

Thanks,

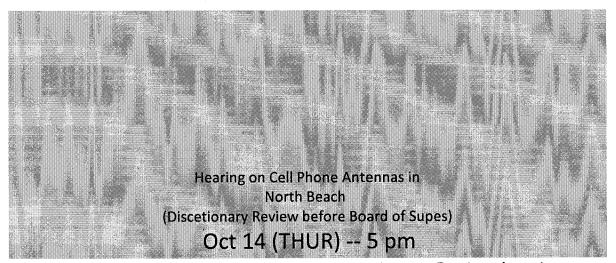
Marcy & David Albert 101 Lombard St., #904-W San Francisco, CA 94111-1121 Home & Office: 415-627-6900

----Original Message----

From: THD [mailto:president@thd.org] **Sent:** Monday, October 11, 2010 10:05 PM

To: marcy@abcq.com

Subject: PRETEND DEC EVENT



Join your neighbors at the upcoming Discretionary Review hearing before the Planning Commission this **Thursday**, **October 14th**, **5 pm**, **City Hall**, **room 400**

THE ISSUE:

T-Mobile is planning to install 3 cell phone antennas within a 3 block radius in North Beach, at the following locations: 1653 Grant Ave @ Greenwich. 1500



Rae Terry <raeterry@mac.com> 10/12/2010 11:28 AM To "aaron.hollister@sfgov.org" <aaron.hollister@sfgov.org>

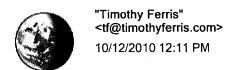
CC

bcc

Subject Antennas

We are residents at 383 Lombard are adamantly opposed to the cell phone towers/antennas. Rae Terry $\mbox{\tt Jay Welsh}$

Sent from my iPhone



To <aaron.hollister@sfgov.org>, <David.Chiu@sfgov.org>

cc "Carolyn Zecca Ferris" <cal@calzecc.com>

bcc

Subject Telegraph Hill Dwellers memo

Dear Mr. Hollister and Mr. Chiu:

My wife and I received the email below from the Telegraph Hill Dwellers. It claims that installing additional mobile phone transmitters in North Beach would occasion "great distress to the neighborhood due to outdated health code and health related concerns based on recent findings related to accumulated radiation."

I am unaware of any findings published in refereed scientific journals upon which such concerns might legitimately be based. The sole exception known to me is a pair of papers published in 2005 in a European journal, *Mutation Research*. One of these papers has since been withdrawn as fraudulent; the other was also withdrawn by its author but he later said he'd changed his mind.

My purpose in writing you is simply to affirm that "concerns" are only as good as the empirical data upon which they are based. In this case, the quantity of such data approximates zero.

Yours.

Timothy Ferris

97 Telegraph Hill Blvd.

SF CA 94133



Daniel Macchiarini <danny1mac@sbcglobal.net>

10/12/2010 01:08 PM

To aaron.hollister@sfgov.org

bcc

Subject No to T-Mobil Antena Towers in North Beach

Ciao Aaron,

As a business and property owner at 1544 Grant Ave. I wish to go on record opposing the installation and industrialization of our roof tops here in our North Beach community via installation of cellular antenna for the purposes of amplified concentration of micro-cell radiation. My property and business would literally be sandwiched inbetween two of these T-mobil towers currently under consideration for installation at 1500 and 1653 Grant Ave. While there is no scientific evidence of health hazards which could be created by these towers there has, in fact, been no scientific studies which have conclusively reviewed what effects, if any, either low or high frequency cellular radiation has on the human body when constantly bombarded by concentrated Tower radiation amplification at all times, 24 hours a day, 365 days a year. You should be aware that a major amount children will be subject to this concentrated amplified radiation as there are numerous families in the buildings in and around the these proposed towers as well as Garfield Elementary school at 120 Filbert St being less than a block away. Further, these towers are unnecessary as cell phone communications in North Beach as well as the rest of San Francisco is currently of a very high quality. The installation of these high concentration micro-cell Towers directly within any community will do nothing to improve service in a real, tangible, way. It will only serve one corporate cellular company to boost it signal over others which in tern will, most likely, facilitate and usher in an era of "cellular signal wars" where competing companies are constantly installing new and more powerful micro cellular radiation amplification towers in our neighborhoods. This is neither desirable from either a health or cultural visual point of view. Having industrial towers of any kind proliferating above our roof tops in neighborhoods is clearly inappropriate in character to our city. My understanding of one major aspect of the job of the SF Planning Dept. is to safeguard the character and architecture of our neighborhoods and thereby their culture here in our city. It is said that North Beach, being among the very first neighborhoods of our city, should have particular interests to our Planning Department in this regard. I would respectfully asked that you and our SF Planning Department keep all this in mind when considering any architectural changes which may negative affect the powerful and positive visual assets we currently have here in many of our city neighborhoods and in our North Beach community in particular. Please opposed T-Mobils' attempt to industrialize North Beach architecture at this time.

Thank You, Dan Macchiarini Native Working Artist Macchiarini Creative Design 1544 Grant Ave. San Francisco



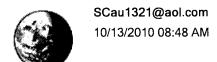
"Tina" <tinamoysf@yahoo.com> 10/12/2010 03:19 PM To <aaron.hollister@sfgov.org>

СС

bcc

Subject support of DR request on cell phone antennas in North Beach

Dear Mr. Hollister,
I support the need for a DR in relation to cell phone antennas in North Beach.
Respectfully,
Tina Moylan
Member SF Neighborhood Network
Board of Russian Hill Neighbors



To aaron.hollister@SFgov.org

CC

bcc

Subject Fwd: PRETEND DEC EVENT

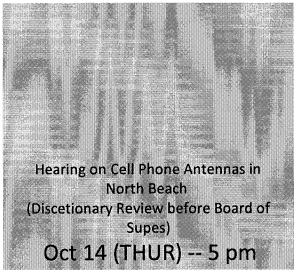
I object to the proposed cell phone installations in North Beach.

Sue Cauthen 1321 Montgomery Street San Francisco, California 94133 415 391 0737

From: president@thd.org To: scau1321@aol.com

Sent: 10/11/2010 10:05:06 P.M. Pacific Daylight Time

Subj: PRETEND DEC EVENT



Join your neighbors at the upcoming Discretionary Review hearing before the Planning Commission this **Thursday**, **October 14th**, **5 pm**, **City Hall**, **room 400**

THE ISSUE:

T-Mobile is planning to install 3 cell phone antennas within a 3 block radius in North Beach, at the following locations: 1653 Grant Ave @ Greenwich. 1500 Grant Ave. @ Union. 1763 Stockton @ Greenwich. Further research shows that over time up to 150 additional cell phone antennas are planned for installation in North Beach alone, by T-Mobile and other cell phone companies. Should the cell phone company decide to upgrade the currently proposed low-grade frequency antennas to high frequency antennas in the future, they are not required to apply for another permit or inform the neighborhood.



Scott King <scott@hanumanmedical.co m> 12/02/2010 10:12 AM

To David.Chiu@sfgov.org, aaron.hollister@sfgov.org

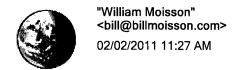
СС

bcc

Subject Please permit cell phone

As a scientifically literate member of THD, let me urge you to approve the cell antenna without further trouble. The hazards to humans in infinitesimals. These people are a silly as climate change deniers.

Scott King 1360 Montgomery 7



bcc

Subject Better Cell Phone Service for North Beach

I am writing to encourage your support of better cell phone service for North Beach, and specifically the new transmission facilities being proposed for T-Mobile.

This is equally important for residents and visitors alike. It would be terrible for North Beach to get a reputation as a place that is anti-communications.

Thank you, Bill Moisson



ellen_byrnes@comcast.net 02/02/2011 07:49 AM

To aaron.hollister@sfgov.org

CC

bcc

Subject T-Mobile micro-cell antennas in North Beach

2/2/11

Dear Aaron Hollister,

It has come to my attention that there is a debate over the proposed installation of T-Mobile micro-cell wireless antennas in North Beach. As a long time resident of North Beach I have noticed many problems with phone calls being dropped and/or poor reception in certain pockets of the neighborhood. Perhaps this is due to the hilly nature of North Beach and Telegraph Hill, but that's no excuse in this day and age to be lagging behind technologically. Dropped phone calls are a problem. In business or an emergency a dropped phone call could seriously jeopardize a pivotal conversation or even somebody's life. I am a firm proponent of having high-speed wireless in my neighborhood. To resist this improvement in technology is really to go against the general contemporary trend to improve infrastructure in this country. This can happen at the neighborhood level as well, and this is a perfect instance of that. My business depends upon good wireless connections. I cannot do business without it. Incidentally I am located in North Beach and I have had problems with internet connections and cell phone malfunctions. The three proposed low-wattage antennas in my view are completely innocuous visually, and non-invasive physically, emitting less than one-half of 1% of the federal radio frequency safety standard. Those opposed to the installation of these towers must not have urgent business, nor a need to communicate with loved ones in the event of an emergency. Please give your informed consideration to this matter as it is of vital importance to the residents and businesses in North Beach and Telegraph Hill.

Thanks for your time and consideration.

Sincerely,

Ellen Byrnes



Jim Weston <jaweston@weston-sf.com> 01/31/2011 04:13 PM

To aaron.hollister@sfgov.org

CC

bcc

Subject T-Mobile and Other Cellular Carrier Proposals for Additional Towers in North Beach

Please do not block the subject proposals. The red tape and delays for approval of such towers in San Francisco is well known and reflects unfavorably on our image as both a tourist and business destination city.

Spotlighting iPad, iPhone 4, iPod touch 4, New Apple TV, MobileMe, Slingbox

Jim Weston jaweston@weston-sf.com Computer Consulting facetime@weston-sf.com Weston & Associates jawestonskype2 San Francisco, California http://gallery.mac.com/jawestonb

Voice: 415-986-1503

E-mail:

Apple FaceTime Test:

Skype accounts: jawestonskype,

Video Gallery:



Paul Switzer <switzer@stanford.edu> 01/31/2011 05:56 PM

To aaron.hollister@sfgov.org

CC

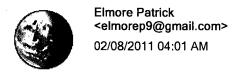
bcc

Subject T-mobile cell towers in North Beach -- please approve

As a residents of the neighborhood, I endorse the inconspicuous placement of new 5-foot roof-top cell towers in North Beach. We are not T-mobile customers.

As a statistician, I'm not aware of peer-reviewed consensus evidence of harmful effects to human health that this emplacement would generate. If such evidence were forthcoming I would then reconsider my support.

--Paul Switzer 341 Filbert St



To "aaron.hollister@sfgov.org" <aaron.hollister@sfgov.org>, Marsha Garland <marshagarland@att.net>

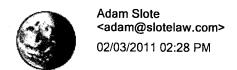
CC

bcc

Subject

I am writing you to encourage your support of the cell towers on Telegraph Hill. I totally welcome these towers and want to encourage technological business in our city and neighborhood.

Elmore Patrick



To frank@FNstrategy.com, aaron.hollister@sfgov.org, c_olague@yahoo.com

-

bcc

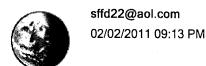
Subject T-Mobile's North Beach Antenna Installation

Dear Commissioners:

San Francisco's geography is a challenge to wireless services in San Francisco. I support T-Mobile's effort to improve service in North Beach by investing in new infrastructure. Excellent high speed wireless data services are critical if San Francisco is to continue to be at the center of high technology innovation and business start-ups.

Thank you for your consideration.

Adam G. Slote SLOTE & LINKS 100 Pine Street, Suite 750 San Francisco, CA 94111 415-393-8001 adam@slotelaw.com



To frank@FNstrategy.com, aaron.hollister@sfgov.org, c_olague@yahoo.com

. .

bcc

Subject T-Mobile antenna sites in North Beach

Dear Commissioners,

This letter is in support of the (3) antenna locations proposed by T-Mobile on Grant, Stockton, and Greenwich Streets in North Beach.

Permit applications for all antenna installations, including minor equipment modifications to existing sites, go through an arduous process for approval. These applications are not only reviewed by the Planning Department, but also by the Building, Fire, and the Health Departments. To protect the public, these agencies ensure the structural integrity and environmental safety of all antenna sites. Numerous signs, warnings, and painted striping must be installed to inform firefighters, window washers, painters, and anyone else who may have to work in close proximity to antennas of their presence and any dangers. An "RF Report" must be included on all plans submitted for antenna installations, signed by a Professional Engineer with expertise in communications technology. These reports clearly indicate the level of exposure to the public per FCC standards and list the distances from the antennas at which any exposure limitations could be exceeded. These distances are generally a few meters or less, indicating that a person would have to remain just a few feet directly in front of these devices for an extended period of time to receive even a minimal amount of RF energy. To address some residents' concerns about the appearance of these devices, T-Mobile has modified their plans to reduce the visibility of antennas from the street.

San Francisco's permit process is already extensive and cumbersome. Certainly no additional review is necessary. San Francisco, arguably a part of Silicon Valley, should be a leader in providing its' citizens with the latest technological advances instead of causing inordinately long delays. Please approve the permit for these antenna installations. Thank you.

Ms. Micki Jones North Beach



Fun Guy
<funguyfungi@gmail.com>
02/02/2011 04:58 PM
Please respond to
FunGuyFungi@gmail.com

To Fnoto@gcastrategies.com, frank@FNstrategy.com, Christina Olague <c_olague@yahoo.com>, aaron.hollister@sfgov.org cc

bcc

Subject North Beach Antennae

T-Mobile has a plan to improve leading edge mobile phone and data communications coverage for North Beach and Telegraph Hill. Three small microcell wireless antennas are proposed for rooftops on 501 Greenwich, 1763 Stockton and 1500 Grant Avenue to improve wireless infrastructure to meet customer needs and improve coverage.

I totally support this project and urge its approval.

Paul Hansbury 415-987-9540

APPLICATION REQUESTING DISCRETIONARY REVIEW ("D.R.")

This application is for projects where there are exceptional and extraordinary circumstances that justify further consideration, even though the project already meets requirements of the Planning Code, City General Plan and Priority Policies of the Planning Code.

		Telegraph Hill Dwelle	rs	
D.R.	Applicant's Name	President, Vedica Pur	<u>i</u> Telephone No: (415)433-800	00
D.R.	Applicant's Address		/A	
		Number & Street San Francisco	(Apt. #) 94133	
	_	City	Zip Code	
		J.,		
If you	are acting as the age	ent for another person(s) in making	nt to contact): <u>(415)433-8000</u> g this request please indicate the name	
and a	ddress of that persor	i(s) (ii applicable).	(415)645-322	29 or
Name	e Jeff Jan		Telephone No: (310)567-188	
ivanie	Jeli Jan		Telephone No(310/307=100	50
Addre	ess 515 Greenwi	ch Street		
		Number & Street	(Apt. #)	
	<u>_S</u>	an Francisco	94133	
		City	Zip Code	
		at you are requesting the Commi Avenue (aka 501 Greenw	ssion consider under the Discretionary	
		of the property owner who is doing ackley Trust c/o Erik I	the project on which you are requesting Bjorn, (415)922-5700	
	ng Permit Application 2009.06.26.143	n Number of the project for which	you are requesting	
		ated in relation to the permit appl ant of the property at		
(ak	a 501 Greenwic	h Street)		
A.	Citizens should make	O A DISCRETIONARY REVIEW e very effort to resolve disputes be resources to help this happen.	REQUEST efore requesting D.R. Listed below are a	
1.	Have you discussed th	is project with the permit applicant?	YES NO	
2.	Did you discuss the pr	oject with the Planning Department p	permit review planner? (YES) NO	
3.	Did you participate in o	outside mediation on this case? Co	ommunity Board Other (NO)	



10・0527月

so far.	ummarize the results, including any changes that were made to the proposed proje
	SEE ATTACHMENT A.
DISCRE	TIONARY REVIEW REQUEST
standard that justif	e the reasons for requesting Discretionary Review? The project meets the minimula is of the Planning Code. What are the exceptional and extraordinary circumstance fy Discretionary Review of the project? How does the project conflict with the City Plan or the Planning Code's Priority Policies?
	SEE ATTACHMENT B.
	lieve your property, the property of others or the neighborhood would be adverse please state who would be affected, and how:
	SEE ATTACHMENT C.
	ODD ATTACHMENT C.
-	
made wo	ernatives or changes to the proposed project, beyond the changes (if any) alread ould respond to the exceptional and extraordinary circumstances and reduce the effects noted above (in question B1)?
advoise !	
	SEE ATTACHMENT D
	SEE ATTACHMENT D.

Please write (in ink) or type your answers on this form. Please feel free to attach additional sheets to this form to continue with any additional information that does not fit on this form.

CHECKLIST FOR APPLICANT:

Indicate which of the following are included with this Application:

REQUIRED:

- X Check made payable to Planning Department (see current fee schedule).
- X Address list for nearby property owners, in label format, plus photocopy of labels.
- X Letter of authorization for representative/agent of D.R. applicant (if applicable).
- X Photocopy of this completed application.

OPTIONAL:

Photographs that illustrate your concerns.

Covenants or Deed Restrictions.

Other Items (specify).

File this objection in person at the Planning Information Center. If you have questions about this form, please contact Information Center Staff from 8 a.m. to 5 p.m., Monday to Friday.

Plan to attend the Planning Commission public hearing which must be scheduled after the close of the public notification period for the permit.

46, 2010 Date

N:\applicat\drapp.doc

ATTACHMENT A

Jeff Jan has spoken with the Planner assigned to this case, Aaron Hollister, on a number of occasions by telephone and email. On June 30, 2010, North Beach residents conducted a community meeting with representatives of project sponsor T-Mobile at the Telegraph Hill Neighborhood Center at 660 Lombard Street. At this meeting, existing T-Mobile customers and residents discussed proposed plan details, coverage necessities, exposure studies and alternative site considerations for the proposed wireless facility not only at 1653 Grant Avenue (aka 501 Greenwich Street) but two other proposed wireless facilities located within 2 blocks at 1500 Grant Avenue and 1763-1767 Stockton Street. Despite requests that T-Mobile not locate its wireless facilities on these residential buildings, the project sponsor did not offer to withdraw its applications for these locations, and given the July 7 deadline for filing this DR (and two others), Community Boards mediation was not a viable option.

ATTACHMENT B

In 2007, Board of Supervisors President Aaron Peskin introduced, and the full Board of Supervisors passed, legislation requiring public notification and the opportunity for members of the public to file a DR application in situations where wireless carriers seek to install wireless facilities as an Accessory Use on residential and mixed-use buildings rather than as a Conditional Use as required by the City's Wireless Telecommunications Services (WTS) Facilities Siting Guidelines. By doing so, the Board of Supervisors recognized and acknowledged the exceptional and extraordinary nature of such requests by wireless carriers.

The residential character of the neighborhood is not conserved and protected, as required by Sec. 101.1 (b)(2) of the Planning Code's Priority Policies, by the placement of an industrial/commercial facility at this location. This is evidenced by the fact that the antenna is proposed for an RM-2 district, making it a Preference 7 (Disfavored Site) location pursuant to the WTS Facilities Siting Guidelines. Under Preference 7 (a)-(d), the applicant must show:

- (a) ... what publicly-used building, co-location site or other Preferred Location Sites are located within the geographic service area;
- (b) ...by clear and convincing evidence what good faith efforts and measures to secure these Preferred Location Sites were taken;
- (c) ...why such efforts were unsuccessful; and
- (d) ...that the location for the site is essential to meet demands in the geographic service area and the Applicant's citywide network...

The project sponsor has provided none of this information.

ATTACHMENT B (cont.)

Nor has T-Mobile proved that it has a 'significant gap' in its coverage in the area and, if it does have a significant gap in its coverage, that the proposed location at 1653 Grant Avenue (aka 501 Greenwich Street) is the 'least intrusive alternative' for filling that gap. See MetroPCS v. City and County of San Francisco, 400 F.3d 715 (9th Cir. 2005).

In addition, the project does not conform with the City's General Plan, Commerce and Industry Element, Objective 1, Policy 1, which states, "Encourage development which provides substantial net benefits and *minimizes undesirable consequences.*" (Emphasis added.) The project conflicts with Policy 2 of the same section, which requires development to "mitigate negative impacts." Neighbors have aesthetic concerns as well as concerns regarding the blockage of views that may result from this installation. The project sponsor has not shown that this industrial/commercial use is necessary at this location or demonstrated any effort to consider alternative locations with lesser impacts.

D.R. requestor also disagrees that the project meets the requirements of Planning Code §§204, 204.1 and 703.2(C) because this industrial/commercial facility is an unrelated change in use of this residential apartment building that is inappropriate and unnecessary to the building's operation and enjoyment. Applying for a wireless facility at this location in an RM-2 district as an Accessory Use is an abuse of the Accessory Use process and runs counter to the letter and intent of the City and County of San Francisco's WTS Facilities Siting Guidelines.

There are additional concerns as to whether the project sponsor may attempt to change or upgrade the equipment from a microcell to a macrocell base station wireless facility at a later date, since the Planning Department has no requirements that wireless carriers inform the Department of such upgrades or seek new permits to do so, and whether the project as proposed or the project as possibly later modified meets FCC guidelines concerning radiofrequency radiation (RFR) emissions.

Building Permit Application 2009.06.26.1437 1653 Grant Avenue (aka 501 Greenwich Street), San Francisco, CA 94133 Block 0088 Lot 001

ATTACHMENT C

This project would adversely affect residents in the neighborhood who are uncomfortable with this type of an industrial/commercial facility in their predominantly residential neighborhood. The project specifications submitted by T-Mobile state "NO BATTERIES TO BE INSTALLED AT THIS SITE," which would render the facility inoperable in the event of a power failure or emergency involving a power failure. If backup batteries were to be installed, they would pose a potential safety hazard for residents of the apartment building as well as emergency personnel such as firefighters at this location. Some neighbors' views may be adversely affected by the proposed installation. Property owners in the vicinity would be adversely affected by decreased property valuation. Neighbors in the affected area have already begun to record their opposition to this project.

Building Permit Application 2009.06.26.1437 1653 Grant Avenue (aka 501 Greenwich Street), San Francisco, CA 94133 Block 0088 Lot 001

ATTACHMENT D

The project sponsor may locate this wireless facility at a different location, colocate this facility at an already-existing wireless site, or enter into an inter-carrier service agreement (also known as a roaming agreement) with a different cellular carrier to share an already existing facility or facilities in the service area. Since project sponsor has not provided an alternative analysis as required by the WTS Facilities Siting Guidelines, the absence of this analysis hinders the ability to review and consider what alternatives are available.

MACKENZIE & ALBRITTON LLP

423 WASHINGTON STREET, SIXTH FLOOR SAN FRANCISCO, CALIFORNIA 94111

> TELEPHONE 415 / 288-4000 FACSIMILE 415 / 288-4010

February 9, 2011

VIA HAND DELIVERY

President Christina Olague Vice President Ron Miguel Commissioners Michael Antonini, Gwyneth Borden, Kathrin Moore, Hisashi Sugaya and Rodney Fong San Francisco Planning Commission 1650 Mission Street, Suite 400 San Francisco, CA 94103-2414

Re: <u>T-Mobile Micro Wireless Telecommunications Service Facilities:</u>
<u>Case No. 2010.0556D, 1500 Grant Avenue</u>
<u>Case No. 2010.0557D, 1563 Grant Avenue (aka 501 Greenwich Street)</u>
Case No. 2010.0558D, 1763-1767 Stockton Street

Dear Commissioners:

We write to you on behalf of our client, T-Mobile West Corporation ("T-Mobile") to ask that you follow the clear recommendation of Planning Department Staff¹ and reject the requests for Discretionary Review for each of the three separate building permit applications for the above-referenced T-Mobile microcell facilities. All three sites are in North Beach, an area of the City that is densely populated and requires improved coverage (the need for which is conclusively shown in submitted drive tests), not only for its residents, but also for emergency personnel, City visitors (who expect up-to-date wireless service) and City business owners. While each microcell facility must be reviewed by the Commission separately, as further described below, the arguments in favor of rejecting Discretionary Review and for approving the microcells under applicable law are sufficiently similar that we review them collectively in this document.

There are simply no extraordinary or exceptional circumstances nor significant impacts to the community from the three microcell facilities that, in the exercise of the Planning Commission's "utmost restraint", could conceivably warrant the level of Discretionary Review sought by the Discretionary Review Requestor for each microcell (collectively "Requestor"). Similarly, given the substantial evidence for approval, absence of substantial evidence for denial, identified significant gap in T-Mobile service,

¹ Page 1 of each Staff Report for each microcell, each dated October 7, 2010

² City Attorney Opinion No. 845, May 26, 1954

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and unavailability of any less intrusive means to serve the identified significant gap, federal law compels approval of the proposed microcell facilities. We urge you to follow the recommendation of Planning Department Staff and approve the building permits for the proposed microcell facilities in an area of the City which, as reflected in over 200 signatures, emails and letters of support, demands improved wireless service.

As a preliminary matter, the Requestor argues that the cumulative impacts of all three applications must be taken together as one project under the California Environmental Quality Act ("CEQA"). Each of the three microcells has been deemed by Staff to be categorically exempt under CEQA as Class 3 (small structures). Lacking any significant impact on the environment individually, it is impossible under California law for the three facilities to cumulatively impose a significant impact. Further, where each microcell is individually designed to provide wireless service to a specific individual gap in coverage, the approval of any one microcell is not dependant upon the approval of another microcell. In other words, if any of the microcells is permitted, it would be constructed regardless of the outcome of the permitting of the other microcells. In this way, the microcells cannot be considered piecemeal approval of a larger project. As noted above, while the arguments supporting each microcell are consistent, the Planning Commission must evaluate each on its own merits if at all.

I. Summary of Microcell Designs

Three microcell facilities are proposed to fill three distinct coverage objectives in the North Beach area of San Francisco. The "de minimus" microcell design utilized by T-Mobile for each microcell was approved by the Zoning Administrator in a Letter of Determination dated May 15, 2006 ("LOD") attached as Exhibit A to this letter. While the approved design in the LOD permits a single-panel antenna inside a five foot tall faux chimney mounted on the roof and set back 5feet from any edge of the building, the proposed microcells are each designed with an approximately five foot tall, 10-inch diameter faux vent set back no less than six and one half feet from the roof line to further minimize aesthetic impact. In each case, radio equipment servicing the antennas will be attached to an existing penthouse stair structure. The individual microcell locations are as follows:

1500 Grant Avenue: A microcell facility on the roof of a mixed use building, consisting of one antenna hidden within a faux vent enclosure set back a minimum of seven feet from the roofline, with supporting equipment to be mounted on the existing penthouse stair structure (collectively "The 1500 Grant Microcell"). A photograph of the full scale mockup of the faux vent presently installed at the site is attached as Exhibit B1.

1763 Stockton Street: A microcell facility on the roof of a mixed use building, consisting of one antenna hidden within a faux vent enclosure set back a minimum of six and one-half feet from the roofline, with supporting equipment to

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be mounted on the existing penthouse stair structure (collectively "The 1763 Stockton Microcell"). A photograph of the full scale mockup of the faux vent presently installed at the site is attached as Exhibit B2.

501 Greenwich Street: A microcell facility on the roof of a mixed use building consisting of one antenna hidden within a faux vent enclosure set back a minimum of seven feet from the roofline, with supporting equipment to be mounted on the existing penthouse stair structure (collectively "The 501 Greenwich Microcell"). A photograph of the full scale mockup of the faux vent presently installed at the site is attached as Exhibit B3.

II. Discretionary Review Not Warranted

As this Commission well knows, Discretionary Review is a "special power" of the Commission, outside the normal building permit application approval process. It is intended to be used only when there are "exceptional and extraordinary" circumstances associated with a proposed project. The Planning Commission derives its discretionary review authority from San Francisco's Municipal Code under the Business & Tax Regulations Code, Article 1 Permit Procedures, Section 26 (a). The authority to review permit applications that meet the minimum standards applicable under the Planning Code is set forth by City Attorney Opinion No. 845, dated May 26, 1954. The opinion states that the authority for the exercise of discretionary review is "a sensitive discretion...which must be exercised with the utmost restraint" to permit the Commission "to deal in a special manner with exceptional cases."

As confirmed by Planning Staff, each microcell fully complies with the Planning Code and poses no significant adverse impacts to the community while providing an enormous community benefit of necessary wireless service. The public benefit is overwhelmingly confirmed by the more than 400 signatures, emails and letters of support that have been received for the three microcells attached as Exhibit C.⁴

In the face of those more than 400 supporters, Requestor identifies no extraordinary or exceptional circumstances that warrant modification of the microcells to protect the public interest. Indeed, Requestor's sole argument for the exceptional nature of microcells is that Section 312 of the Planning Code was modified in 2007 to require community notice of building permits for microcell facilities. In fact, this codification of microcell approval through building permits confirms that such facilities do not impose extraordinary impacts that require Discretionary Review in each case by this Commission, but because of their "micro" design and are a preferred means to provide wireless services in the public interest with minimal impacts. Other Requestor arguments

³ *ibid*.

⁴ This number includes the 128 emails and petition signatures included in the October 7, 2010 Staff Reports for these microcells.

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for this commission to accept Discretionary Review, addressed below, relate to federal limitations on the City's ability to deny approval of the microcells under federal law and are inapplicable to the extraordinary circumstances that must be found for this commission to accept discretionary review. We urge you to follow Staff's recommendation to decline these requests for Discretionary Review of the microcells.

III. Federal Law

Federal law is applicable to the Commission's review of the microcells should it accept Discretionary Review. T-Mobile USA, Inc. through its subsidiaries is licensed by the Federal Communications Commission ("FCC") to provide wireless telecommunications services in San Francisco and its authority to place wireless facilities in San Francisco is governed by the Federal Telecommunications Act of 1996 (the "Telecommunications Act"). The Telecommunications Act contains fundamental limits on the right of a local jurisdiction to regulate the placement of wireless facilities. Section 332 states:

No State or local government or instrumentality thereof may regulate the placement, construction, and modification of personal wireless service facilities on the basis of the environmental effects of radio frequency emissions to the extent that such facilities comply with the Commission's regulations concerning such emissions.⁵

In addition to pre-empting regulation on the basis of concerns over radio frequency ("RF") emissions, the Telecommunications Act also:

- Requires the City to take final action on a permit application within a reasonable period of time;⁶
- Requires that any permit denial be in writing and based on substantial evidence in the record;⁷
- Prohibits unreasonable discrimination among competing wireless carriers;⁸ and
- Bars local regulation that would prohibit or have the effect of prohibiting the provision of personal wireless services.⁹

⁵ 47 USC § 332(c)(7)(B)(iv)

⁶ 47 USC § 332(c)(7)(B)(iii)

⁷ 47 USC § 332(c)(7)(B)(iii)

⁸ 47 USC 332(c)(7)(B)(i)(I)

⁹ 47 USC 332(c)(7)(B)(i)(II)

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As we will explain, the three microcell applications implicate every one of these provisions.

IV. <u>Substantial Evidence for Approval, Lack of Substantial Evidence for</u> Denial

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 (i.e., more than a 'scintilla' but not necessarily a preponderance)." See *Metro PCS, Inc. v. City and County of San Francisco*, 400 F3d 715, 725 (9th Cir. 2005); see also *Sprint PCS Assets, LLC v. City of Palos Verdes Estates*, 583 F.3d 716, 726 (9th Cir. 2009) (a local government decision must be valid under local law and supported by "such relevant evidence as a reasonable mind might accept as acceptable to support a conclusion"). Generalized concerns or opinions about aesthetics are insufficient to constitute substantial evidence upon which a local government could deny a permit. See *City of Rancho Palos Verdes v. Abrams*, 101 Cal.App.4th 367, 381 (2002). While a local government may regulate the placement of wireless facilities based on aesthetics, it must have specific reasons that are both consistent with the local regulations and supported by substantial evidence in the record to deny a permit.

In the instant case, Planning Department Staff has fully documented the substantial evidence for approval of the microcell building permits. As noted above, each microcell complies with the design requirements set forth and approved by the Zoning Administrator under the LOD. By their nature, microcell designs are diminutive and pose insignificant impacts in comparison to the alternative of installing full macrocell facilities. Here, each faux vent is set back from the roof's edge farther than required and, as demonstrated by existing mock installations, do not impact scenic vistas or protected views. In addition, each microcell has received approval by the San Francisco Department of Public Health. Finally, each microcell has been deemed by the Planning Department to be categorically exempt, posing no significant adverse environmental impacts, under CEQA. T-Mobile propagation tools, drive test data, and customer emails confirm the need for improved wireless service while coverage maps submitted by T-Mobile reflect that the desired coverage objective is achieved by the proposed microcells.

In contrast, Requestor has provided only generalized concerns and no evidence, let alone the substantial evidence, to support denial of each application under federal law. Requestor's generic criticisms of each microcell for aesthetic and community compatibility reasons are not credible and do not rise to the level of specific and significant adverse impacts required for denial of facilities under federal law – and plainly do not qualify as "substantial evidence for denial required under federal law.

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V. Requestor's Concerns Over Radio Frequency Emissions Are Misguided and Preempted by Federal Law

Requestor's public comments and indeed two of seven alleged grounds for Discretionary Review are based on misinformed concerns over radio frequency emissions from the microcell facilities and cannot form the basis for denial of the microcell facilities under federal law. Radio frequency engineering analyses provided by Hammett & Edison Consulting Engineers for each microcell (the "H&E RF Reports") confirm that the microcell facilities will operate well within (and actually far below) all applicable FCC public exposure limits. As noted above, local governments are specifically precluded from considering any alleged health or environmental effects of RF emissions in making siting decisions "to the extent such facilities comply with the FCC's regulations concerning such emissions." The H&E RF Reports verify that the microcell facilities will operate far below all applicable FCC public exposure limits.

It is well established under federal law that a local agency may not deny an application for the installation for a wireless telecommunication facility based on concerns related to the effects of radio frequency emissions. See *SPRINTCOM INC. v. Puerto Rico Regulations and Permits Admin. (2008) 553 F.Supp.2d 87.* Each H&E RF Report states that with the microcell facility operating at maximum theoretical power levels, the RF exposure from any one of the microcells for a person anywhere at ground level would be 350 times less than the applicable public limit.¹¹

VI. Approval Required to Avoid Federal Prohibition of Service

T-Mobile has demonstrated both that there is a "significant gap" in coverage and that the microcell facilities are the least intrusive alternatives for meeting the coverage needs in North Beach. Under the federal law, if these two criteria are shown, the facility *must* be approved. ¹² This is because when these factors are present, denial of the microcell facilities would impermissibly result in the denial of wireless services within the coverage gap area. See *Metro PCS*, 400 F.3d at 734-35; *Sprint PCS*, 583 F.3d at 726.

In compliance with Planning Department requirements, T-Mobile submitted detailed coverage maps and drive test data of the geographic area to be served by each of the microcell facilities. Satellite images of the proposed coverage areas reveal how ridgelines from Telegraph Hill and Russian Hill and sloping topography to Columbus Avenue shadow the residential areas of North Beach from service by nearby T-Mobile

¹¹ Statements of Hammett & Edison, Inc., Consulting Engineers: August 14, 2009 (1500 Grant Microcell); June 29, 2010 (1763 Stockton Microcell); June 22, 2009 (501 Greenwich Microcell). These statements are attached to each of the October 7, 2010 Staff Reports.

¹⁰ 47 USC §332(c)(7)(B)(iv)

¹² 47 USC §332(c)(7)(B)(i)(II)

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macrocells, necessitating the use of microcells. The significant gaps in coverage to be served by the microcells are further confirmed by the correspondence (including over 400 signatures, emails and letters seeking improved wireless service in this area, as referenced above). Each gap in coverage is described below and shown in attached drive test, area and coverage maps as follows:

1500 Grant Microcell: T-Mobile has identified a significant gap in its 3G indoor residential (637 potential customers) and indoor commercial coverage (923 potential customers) in the North Beach District of San Francisco that is bounded by Filbert St. to the north, Montgomery St. to the east, Stockton St. to the west and Vallejo St. to the south. A drive test and existing coverage map demonstrating this significant gap is attached as Exhibit D1.

1763 Stockton Microcell: T-Mobile has identified a significant gap in its 3G indoor residential (1,252 potential customers) and indoor commercial (734 potential customers) coverage in the North Beach district of San Francisco bounded by Lombard St. to the north, Grant Ave. to the east, Powell St. to the west and Filbert St. to the south. A drive test and existing coverage map demonstrating this significant gap is attached as Exhibit D1.

501 Greenwich Microcell: T-Mobile has identified a significant gap in its 3G indoor residential (1,828 potential customers) and indoor commercial (1,364 potential customers) coverage in the North Beach District of San Francisco bounded by Chestnut St. to the north, Telegraph Hill Blvd. to the east, Grant Ave. to the west and Filbert St. to the south. A drive test and existing coverage map demonstrating this significant gap is attached as Exhibit D1.

In each instance, the coverage gap to be filled by a microcell facility constitutes 3G indoor residential and indoor commercial coverage over two city blocks, a gap which has been deemed significant for San Francisco by the Federal District Court¹³. It is also significant that T-mobile sites in this active area of San Francisco currently handle over 4 E911 calls per day.

VII. The Approved Facility is the "Least Intrusive" Alternative

The evidence before the Planning Commission demonstrates that the microcell facilities are the "least intrusive" alternatives to address the coverage gap. T-Mobile in locating these sites sought to identify the facilities that would be least intrusive to the community while providing the necessary wireless service. In this regard, T-Mobile followed the direction of Planning Staff and the San Francisco Planning Code in seeking to place diminutive microcells with an approved design rather than more cumbersome macrocells to fulfill its coverage objectives.

For over a decade, approved microcell designs have been recognized by the Planning Commission and Planning Department as a preferred less intrusive means to provide wireless service than macrocell facilities that require conditional use

¹³ See *MetroPCS, Inc. v. City and County of San Francisco* (N.D. CA 2006) 2006 WL 1699580 (unpublished)

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authorization. For this reason, microcells do not require Section 303(c) findings of necessity, compatibility, desirability and convenience and are afforded administrative approval due to their minimized impacts on the community. While each of the proposed microcells is located in a limited siting preference level 6 under the San Francisco WTS Facilities Siting Guidelines, this is mitigated by the each site's smaller microcell design.

In identifying the proposed microcell locations, T-Mobile first reviewed possible publicly used structures (Preference 1), collocation opportunities (Preference 2) and industrial and commercial structures (Preferences 3 and 4). As fully detailed in the Alternatives Analyses, submitted separately to the Planning Commission, public structures at Pioneer Park (Coit Tower), Washington Square Park, the Garfield Elementary School and Saints Peter and Paul Church were neither feasible nor aesthetically acceptable. Due to the principally residential use of the North Beach area, there are no collocation (macrocell) opportunities available to serve the identified gaps in coverage. Commercial and industrial locations reviewed in the Alternatives Analyses were also infeasible due to low building heights that prohibited adequate radio signal propagation. Finally, none of the preference 6 sites reviewed by T-Mobile, in cooperation with the Planning Department, and as described in the Alternatives Analyses, prove to be any less intrusive than the proposed microcell facility locations.

Having identified three significant gaps in coverage, and also having shown that each microcell facility is the least intrusive means to fill those gaps, T-Mobile has met its burden of establishing that the facilities must be approved under applicable federal law. In such circumstances, the burden shifts to the local government to provide substantial evidence that other alternatives are available, that they are technologically feasible, and that they will provide adequate signal coverage with less impact than the proposed microcells. See *T-Mobile USA*, *Inc. v. City of Anacortes*, 572 F.3d at 998-999.

VIII. <u>Denial of the Proposed Facility Would Constitute Unreasonable</u> Discrimination Under Federal Law

Finally, since the first approval of microcell facilities in a Letter of Determination in 1998, hundreds of such facilities have been approved and constructed in San Francisco by various wireless carriers operating in the City and County of San Francisco. Of these hundreds of facilities, many of which pose greater aesthetic impacts with exposed uncamouflaged antennas, none have ever been granted discretionary review by this Planning Commission. As determined by the Planning Department Staff, the proposed T-Mobile microcell facilities pose no significant impacts. Under the circumstances, denial of the T-Mobile microcell facilities would plainly constitute an additional violation of the Telecommunications Act provision that prohibits unreasonable discrimination among competing wireless carriers.¹⁴

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¹⁴ 47 USC 332(c)(7)(B)(i)(I)

San Francisco Planning Commission February 9, 2011

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IX. Conclusion

T-Mobile has worked in good faith to meet the wireless telecommunications needs of San Francisco, and to do so in a manner consistent with both federal law and City land use regulations and guidelines. In a densely populated area of the City, T-Mobile's proposal will bring life-saving technology to a very large number of San Francisco residents, service providers, emergency service personnel and visitors. We urge the Planning Commission to reject the requests for Discretionary Review for each of the three microcell facility building permits.

Very truly yours,

Paul B. Albritton

cc: Marian Vetro, Esq. Kevin Brinkley, Esq.

Schedule of Exhibits:

Exhibit A: Letter of Determination of the Zoning Administrator, May 15, 2006

Exhibit B1: The 1500 Grant Microcell—Photograph of faux vent mockup
Exhibit B2: The 1763 Stockton Microcell—Photograph of faux vent mockup
Exhibit B3: The 501 Greenwich Microcell—Photograph of faux vent mockup

Exhibit C: Letters, emails and signed petitions of support*

Exhibit D1: The 1500 Grant Microcell—Drive test, area and coverage maps
Exhibit D2: The 1763 Stockton Microcell—Drive test, area and coverage maps
Exhibit D3: The 501 Greenwich Microcell—Drive test, area and coverage maps

^{*} Also attached are the signatures of six disgruntled construction workers who lack cellular service at Saints Peter and Paul Church.



SAN FRANCISCO PLANNING DEPARTMENT

1660 Mission Street, Suite 500

San Francisco, California 94103

www.sfgov.org/planning

May 15, 2006

Brian Pudlik, Parsons Representing Omnipoint T-Mobile 185 Berry Street, Suite 4300 San Francisco, CA 94107

Re:

T-Mobile

Accessory Use Determination for Microcell Facilities

Mr. Pudlik,

This determination is in response to your request for certain types of wireless telecommunication facilities qualification as accessory uses under the Planning Code.

After reviewing previous determinations, the Planning Code (Sections 204 and 703.2(b)(1)(C) for Accessory Uses, General and Accessory Uses in Neighborhood Commercial Districts, respectively) and the information submitted with your letter, I have determined that the proposed antenna installations would fall within the scope of accessory uses as authorized in previous letters of determinations for other wireless service providers.

This authorization shall be limited to the following:

- 1. The installation of up to one panel antennae, with overall dimensions of no more than 30 inches high, 6.8 inches wide and 3.5 inches deep (mounted on the roof within a false vent, limited to extend up to five feet above the existing roof-line and set back at least five feet from the any edge of the building, these maximum dimensions are to be reduced whenever possible) or up to two omni antennas no more than 24 inches in length and 1.5 inches in diameter (façade mounted and painted to match);
- 2. The installation of two Erickson equipment cabinets with exterior dimensions of 17" x 30" x 11" and screened from view or within an existing structure;
- 3. Individual emission calculations for each site shall be provided to the Department of Public Health for their review:
- 4. The installation of the panel antennas, coax cables and their related equipment cabinets are not to exceed the existing height of the structure to which they are to be attached, painted to match the color of the existing building, concealed, screened and/or otherwise designed to blend with existing architectural features, limiting them from public view; and

5. Any proposed installation must comply with the design review of the Planning Department.

In order to facilitate the review of these "microcell" antennas by the Planning Department and other City agencies, each application shall be accompanied by the Wireless Telecommunications Services (W.T.S.) Facilities Siting Guidelines Application Checklist for Accessory Use Applications.

If for any reason the Zoning Administrator finds that this determination is no longer applicable or an individual site merits review and authorization from the Planning Commission, the Zoning Administrator may initiate the conditional use application process.

If anyone believes this determination represents an error in the interpretation of the Planning Code or an abuse of discretion by the Zoning Administrator, this determination may be appealed to the Board of Appeals within fifteen (15) days from the date of this letter. For information on the appeals process, please contact the Board of Appeals, located at 1660 Mission Street, or call (415) 575-6880.

Sincerely,

Lawrence B. Badiner Zoning Administrator





Exhibit C

EDDIE JIMENEZ 705 VALLEJO STREET, #32 SAN FRANCISCO, CA 94133

FEBRUARY 2, 2011

TO THE PLANNING COMMISSION:

I HAVE BEEN A RESIDENT OF NORTH BEACH FOR APPROXIMATELY 20 YEARS. I DEPEND 100% ON MY CELL PHONE FOR BOTH PERSONAL AND BUSINESS USE. I DO NOT HAVE A LAND LINE. DROPPED CALLS AND BLACK SPOTS ARE VERY FRUSTRATING.

I SUPPORT THE INSTALLATION OF THREE MICRO CELL ANTENNAS IN NORTH BEACH. WE DESERVE BETTER COVERAGE IN THIS PART OF SAN FRANCISCO.

SINCERELY.

EDDIE JIMENEZ

Dear Planning Commission,

My name is Mark Coviello and I live at the Castro hotel on Vallego and Stockton. I was recently approached about some new cell towers being put up In my neighborhood. This person said they would destroy the views and trose health problems, and said they should not put up. I declined to sigh his petition and desided to do more Veseach in my own. Upon further investigation I found that these towers would be put up in bui impact areas and to health problems have been proven. After this another person approached me on the pro sidk and I decided to voice my of hion. As someone who works and live in the North-Beach area and an avid out whome user I believe that these towers would benefit the residents and the phishesses alike. Faster mobile speeds with about more customers easier access to one of the most culturally prosperous neighborhoods in pan Francisco. I am in find supported the new towers and hope they are in picke in a timely manner.

Thank You for your time!

-19

To the Planning Commission,

I have lived at the above address for 12 years, although I know the technology exists my 7-Mobile is very poor. I welcome the micro antines at the three proposed locations in North Beach. I give my full support for This conditional use permit.

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	Nonth Beach Spat Louise 947 Columbia SF CA 94133
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Marthe Schieder 71 Water Street , #101 San Francisco, CA 94133

To whom it may concern flavouring Commission

I have lived at the above allness since
1981. I am also the owner of Ricos
Restaurant, Inc., located at 943 Columbus
Ovenue, San Farewood, CA 94133. I have owned
Ricos since 1984.

Improved cell phone coverage and receptor
is greatly needed in North Beach. I
support the new forcers proposed by
I Mobile.

Marthe Achredres

To: Planning Commission

I Salvatore Nevigato, owner of Colosseo Ristorante located at-414 Columbous ave in S.F. Support the cell phone towers in North Beath. I understand that these towers will have minimal Vistable impact and dominot pose any heath and or safety links. Those towers are being constructed throughout the City and should also be permitted in North Beach about a we have had rhumerous complaints about cell phone service in our area. You Cakedog To Planning commission (support Cu for Celltowers I am James ABBEPUTO
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I support Cell Phone towers in north Beach
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James ABBEDUTO

GRANT & GREEN MARKET 1401 Grant Avenue San Francisco, CA 94133

February 1, 2011

Dear Planning Commissioner Olague, Planner Aaron Hollister:

I am the owner/operator of a small neighborhood grocery/liquor store at the above address.

Although I didn't grow up having cell phones, my kids grew up using computers and cell phones and the technology is here to stay. I haven't seen any evidence that this is going to bring any hazards.

As far as the aesthetics go, I understand the design will not be obtrusive. Therefore, I have not seen enough information that would sway me to go against having three cell phone towers in the North Beach area. The nearest site proposed to me is 1500 Grant Avenue. I am located at 1401 Grant Avenue, in close proximity.

I urge you to support the T-Mobile towers so that North Beach will have be competitive with other parts of the city. We want people to come to our area and have the best coverage available.

Sincerely,

Avman El-Halees

P1226CE DI NORTHBEACA 314 COCUMBUS AVE S.F. CA 94,133

Dear Planner Commessiones,

I own and spends propelle located at the columbus Aux and I'm writing to in force of installing 3.

micro-Anteras on STECKEN, GRANT, and Greanwith locations. The benefits of improve the coverses for out, wough any minor inconviences. I don't understand now the rest of the colon apparent other installation of minoral oppositions. Some people out of Poiss same four factors with re clear evidence of their proper clums. Pleas all feet free to consult me with any freelows or concerns.

Alba, AVADALLA

650-307-5131

GIANNI INGARGIAR 1935 Stockson Street SANFRONCISCO CH 94133

This letter is to express my support of the three Aproposed micro-cell antennas in North Beach. It is ridiculous that this part of our city is not better served.

· GIANNI IngargioLA

2/1/11

44/2011 MONAHER REST 353 Cohenbus A RE! NO DR ON Hiero Antennas S.f. Co. 94/33 I AM A GUISNESS ÖWNER IN North Beach (Howa Lisa Restaurant) for OVEV 14 years, I realize that my Customus Well gething some dopen So if installing 3 Mero butenous are
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435 BROBDWAT SFLICE
BROBDWAT SMOJOS, LLC
435 BROBDWAT
SAN FRANCISCO, CA 94133

RE: DR APROUNT FOR INSTARTION OF ANTIMAS
IN NORTH BEACH AREA.

IM LANDIORD AND BUSINESS OWNER IN NORTH BEACH AND HOBIL COVERAGE IS NOT ON GRANDARD WIN CHICA OTHER PART TOF

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PLESEN TIME.

THOUR YOU FOR YOUR SUPPLE. Kul BIM KAZI B. PIESKOT

PROPERTY OWNER AND BUSINESS OWNERS.

From: eller_bymes@comcast.net

Sent: Wednesday, February 02, 2011 12.14 PM

To: Prank Noto

Subject: T-Mobile micro-cell antennas in North Beach

2/2/11

Dear Frank.

It has come to my attention that there is a debate over the proposed installation of T-Mobile micro-cell wireless antennas in North Beach. As a long time resident of North Beach I have noticed many problems with phone calls being dropped and/or poor reception in certain. pockets of the neighborhood. Perhaps this is due to the hilly nature of North Beach and Telegraph Hill, but that's no excuse in this day and age to be lagging behind technologically. Dropped phone calls are a problem. In business or an emergency a dropped phone call could seriously jeopardize a pivotal conversation or even somebody's life. I am a firm proponent of having high-speed wireless in my neighborhood. To resist this improvement in technology is really to go against the general contemporary trend to improve infrastructure in this country. This can happen at the neighborhood level as well, and this is a perfect instance of that. My business depends upon good wireless connections. I cannot do business without it. Incidentally I am located in North Beach and I have had problems with internet connections. and cell phone malfunctions. The three proposed low-waitage antennas in my view are completely innocuous visually, and non-invasive physically, emitting less than one-half of 1% of the federal radio frequency safety standard. Those opposed to the installation of these towers must not have urgent business, nor a need to communicate with loved ones in the event of an emergency. Please give your informed consideration to this matter as it is of vital importance. to the residents and businesses in North Beach and Telegraph Hill.

Thanks for your time and consideration.

Sincerely,

Ellen Byrnes

From: "Rosemary Slade" < rsiade@dinova.net>

Date: February 7, 2011 9:27:18 AM PST

To: <marshagarland@att.net>

Subject: yes, more antenna's in any neighborhood in SF!

Reply-To: <rslade@dinova.net>

Sindere Regards, **Rosemary Slade**

Manager, Restaurant Partnerships 4" 5-656-4323 - <u>islade@dineva.net</u> Dinova L.C. Cerporate Dining Connection[©] www.dinevg.<u>net</u> From: "Theodore Brown" < Theodore@tbrownarchitect.com>

Date: January 31, 2011 1:31:24 PM PST

To: "Marsha Garland" < marshagarland@att.net>

Subject: RE: Cell Phone Towers

Reply-To: < Theodore@tbrownarchitect.com>

The CELL SERVICE IN North Beach and Telegraph Hill is terrible. From not believe how many dropped calls I have in this neighborhood that happens with my cell service. I feel that I am in a 3^{16} world tech culture. This is crazyl

My tenants are always complaining to me about this.

Theodore Brown

Theodore W. Brown Theodore Brown & Parmers, Inc. 1620 Montgo nory Street, Suite 320 San Prancisco, CA 94111 If (1.5) 986-0-0; F. (415) 986-5-12 From: Robert Mittelstadt <<u>rm@rmarch.nct</u>>
Date: February 4, 2011 4:38:19 PM PS1

To: marshagarkind@att.nct

I'm sick of all this obstructionist bogwash about the "dangers of cell radiation" and want the naysayers to cease and desist! Let's have many, many more cell towers— they help minimize dropped calls which, in my view are far more critical to life quality than fear! Thanks for the tip. Bob Mittelstadt From: Elmore Patrick < elmorep9@gmail.com>

Date: February 8, 2011 4:01:44 AM PST

To: "aaron.hollister@sfgov.org" <aaron.hollister@sfgov.org>,

<marshagarland@att.net>

I am writing you to encourage your support of the cell towers on Telegraph Hill. I totally welcome these towers and want to encourage technological business in our city and neighborhood.

Elmore Patrick

From: Gefish Martin [martingelish@mac.com]

Sept: Wednesday, February 09, 2011 11:27 AM

To: mdney@waxmuseum.com: Frank Noto; apron.no.llister@stg.cv.org; ே.otagu.e@yaboo.com

Subject: if Mobile Microcef Antennas

I am a T Mobile vustomer and realdent of the Marina District. I support the 3 North Reach T-Mobile microcell antennas.

This leading edge infrastructure will provide quality, high-speed coverage to San Franciscans who rely on their mobile charies and wirewass devices. Unless we site addisc antennas, we will discourage local technology-oriented husinesses from locating in San Francisco.

These or one sites have been approved by the Health Department, and radio frequency expuested levels are less than from a cordiseal phane or wheless router for a home computer. The small entenness are generally hidden from the street, and appear similar to small roof vents from shows.

Martin Geller 3246 Baker Street SF, CA, 34528



North Beach E-mails of Support

The following are e-mails from San Francisco residents who support T-Mobile's three proposed site applications in North Beach.

Honorable Commissioners, Ladies and Gentlemen,

I appreciate the opportunity for you to hear my voice.

I am a San Francisco citizen, and like my fellow citizens, I look to the voices of reason and guidance from the City and its plans so as to create the best city in the world. I expect and demand that we continuously improve upon our plans to stay abreast of technology, urban planning and development, and overall quality of life for us all.

Like many of us, I believe that wireless phones have become vital personal and public safety tools. I use my phone for countless thousands of minutes a month for my business and my personal needs. It has become so important that I have done away with a regular 'landline' -- I now only carry this mobile phone.

In times where consumers are faced with questionable signal coverage (how many of us have heard about problems where cell phones don't work indoors, or where there are "dead zones"?), I voice my wholehearted support for the North Beach area to receive better coverage.

In particular, T-Mobile's application for the three proposed wireless broadband facilities to be located in North Beach should be approved.

As a father of two small kids, it is imperative that I have access to 911 and other public information and safety services while I am on the go. North Beach offers some of the best San Francisco has to offer, and it would be a terrible blow to not provide to the public at large, like me, increased signal coverage.

My many thanks for your time in reviewing my support for this matter.

Respectfully submitted.

Neil Haldar 2819 Baker Street #2

I am a t-mobile customer and I strongly feel that good coverage helps me run my small business. During these tough economic times one missed phone call could have tragic consequences for a small business owner. I am traveling out other country at this time so I will not be able to attend the commission meeting but San Francisco is a hub for technology and we should be leading the way, not hindering progress.

Brando Jessie 1854 Mason Street Please make this happen. We need to be the most progressive city in America on staying out in front in Technology.

Michael Kustra 2516 Gough Street

I recently read that building permits for wireless facilities in San Francisco can take up to three years to process while, in Dallas, the same permit takes just 3 months. That's not right. It's time for San Francisco to stop delaying infrastructure for wireless technology.

My work schedule prevents me from attending a Planning Commission meeting in the middle of a work day. Please accept this e-mail as a show of my strong support for T-Mobile's wireless facility proposals.

Poor coverage anywhere in North Beach and the surrounding area is simply unacceptable. That's why I support, and encourage you to approve, T-Mobile's three proposed wireless broadband facilities to be located in North Beach.

Patrick Davis 1380 Greenwich St

To whom it may concern,

My work schedule prevents me from attending a Planning Commission meeting in the middle of a work day. Please accept this e-mail as a show of my strong support for T-Mobile's wireless facility proposals.

Wireless phones have become vital personal and public safety tools. Please make certain that citizens continue to have the best coverage possible throughout our community.

No matter where I am, my wireless phone has become my lifeline to the world. It needs to work when I want to make a call, send an e-mail or get online.

Stefan Irion 5 Rico Way

Hello,

As a long-time resident of North Beach (32 years) and living within one block of the planned antenna installation on Stockton (for 29 years), I support the planned antenna.

Sometimes while going from one room to the next in my apartment, I lose my calls. I am a T-Mobile customer because they have good customer service, they had the phone I wanted (the Google Nexus One) and they are one of only two service providers that have technology that is compatible in Europe.

As I frequently visit San Francisco's sister city Barcelona, it more 'green' to have one phone and just swap out the chip, which is what T-Mobile's technology allows me to do.

Phones are no longer just phones: Recently, in North Beach, on the corner directly across the street from the proposed Stockton Street antenna site, I was able to engage in what felt like necessary Chinese medicine only because of my phone. The clinic's doctor only spoke Mandarin.

By using my phone's translation capacity, I was able to communicate with the doctor. And while it worked, it was a bit frustrating waving my phone around looking for a signal. By the way, the prescribed herbs also worked. I highly recommend the place, but I don't know the name of it.

Also, as a public employee in Alameda County, I have often used my phone for emergencies, the most recent being our response the pertussis outbreak and also for the planned response to relocate some of our Public Health services from downtown Oakland during the civil strife after the ruling in the Mehserle case (Oscar Grant). There were conference calls at 8pm, 11pm and 6am and I used my phone (in the one room that has stable coverage) for all of these.

One last thing - when possible, I do watch the Planning Commission meetings on SFTV.

I am amazed at the good mix of people (and ideas) that are represented on the commission. But more importantly, I'm impressed with how you all 'process' and listen to one another. Makes me proud to be a San Franciscan. Good job!

Anyway, as I am flying back to SF from BCN on the 27th, and work is piling-up, I may not be able to make it to the Planning Commission meeting.

But feel free to contact me via email or telephone about this or anything else (the library, the closure of Mason, etc). because I have plenty of friendly opinion to dole out!

Gary Oliver 1869 Stockton #2

Poor coverage anywhere in North Beach and the surrounding area is simply unacceptable. That's why I support, and encourage you to approve, T-Mobile's three proposed wireless broadband facilities to be located in North Beach.

My work schedule prevents me from attending a Planning Commission meeting in the middle of a work day. Please accept this e-mail as a show of my strong support for T-Mobile's wireless facility proposals.

I recently read that building permits for wireless facilities in San Francisco can take up to three years to process while, in Dallas, the same permit takes just 3 months. That's not right. It's time for San Francisco to stop delaying infrastructure for wireless technology.

No matter where I am, my wireless phone has become my lifeline to the world. It needs to work when I want to make a call, send an e-mail or get online.

My wireless phone has become a necessity. I use it to check in with my children wherever they are in our community. More importantly, I want my children to always be able to reach me or a 9-1-1 operator in an emergency.

Let's get this taken care of straight away. Thank You

Steven Jones 96 Toledo Way A major international technology hub like San Francisco should have access to the best wireless services available. I strongly urge the Planning Commission to help ensure our residents and employers have the quality wireless coverage they deserve.

Teng Wu 2210 Stockton St. #309

Hey,

As you know cell phone coverage in the city is really a problem. Don't listen to the hippies - the ability to communicate readily is really important.

Good luck.

Austin Moorhead 3631 19th St

My work schedule prevents me from attending a Planning Commission meeting in the middle of a work day. Please accept this e-mail as a show of my strong support for T-Mobile's wireless facility proposals.

Serena Satyasai 41 Valparaiso Street

A major international technology hub like San Francisco should have access to the best wireless services available. I strongly urge the Planning Commission to help ensure our residents and employers have the quality wireless coverage they deserve.

Poor coverage anywhere in North Beach and the surrounding area is simply unacceptable. That's why I support, and encourage you to approve, T-Mobile's three proposed wireless broadband facilities to be located in North Beach.

Nancy Bernard 2459 Larkin St. Apt. 7

A major international technology hub like San Francisco should have access to the best wireless services available. I strongly urge the Planning Commission to help ensure our residents and employers have the quality wireless coverage they deserve.

Brenda Whiteaker 1619 Gough Street, #2 I live in the Marina and often shop or go to restaurants in North Beach. My wireless phone has become a necessity. I use it to check in with my children and wife wherever they are in our community. More importantly, I want my family to always be able to reach me or a 9-1-1 operator in an emergency.

A major international technology hub like San Francisco should have access to the best wireless services available particularly for phone service. I strongly urge the Planning Commission to help ensure our residents and employers have the quality wireless coverage they deserve.

Martin Gellen 3248 Baker Street

Poor coverage anywhere in North Beach and the surrounding area is simply unacceptable. That's why I support, and encourage you to approve, T-Mobile's three proposed wireless broadband facilities to be located in North Beach.

A major international technology hub like San Francisco should have access to the best wireless services available. I strongly urge the Planning Commission to help ensure our residents and employers have the quality wireless coverage they deserve.

I recently read that building permits for wireless facilities in San Francisco can take up to three years to process while, in Dallas, the same permit takes just 3 months. That's not right. It's time for San Francisco to stop delaying infrastructure for wireless technology.

Wireless phones have become vital personal and public safety tools. Please make certain that citizens continue to have the best coverage possible throughout our community.

Cathy L. Morgan 1327 Vallejo Street

Please enable T-Mobile to enhance their service in North Beach.

It is your duty as a public servant to promote commerce, competition and progress for the benefit of the community. This investment T-Mobile is trying to make in my neighborhood represents an opportunity for you to support a real tangible improvement to the residents and visitors to our city, and to spur commerce and competition.

As evidence that this is a needed upgrade: since switching to T-Mobile from AT&T about a year ago, my overall service (around the Bay Area and other places I've traveled) is quite good, but I have been disappointed by frequent dropped calls and trouble connecting from my home in North Beach. I can't afford to break my contract with T-Mobile, nor would I want to if they could solve their service problems in North Beach. I hope that this installment will help improve T-Mobile's service in North Beach and I hope that you will help make it happen.

Mike Rather 767 Union St.

A major international technology hub like San Francisco should have access to the best wireless services available. I strongly urge the Planning Commission to help ensure our residents and employers have the quality wireless coverage they deserve.

Jaime Smith 1001 Broadway St

Please allow T-Mobile to install its rather unobtrusive wireless broadband antenna in the North Beach neighborhood. San Francisco should always be supportive of making our city a leader in technology.

Poor coverage anywhere in North Beach and San Francisco in general is simply unacceptable.

I recently read that building permits for wireless facilities in San Francisco can take up to three years to process while, in Dallas, the same permit takes just 3 months. That's not right. It's time for San Francisco to stop delaying infrastructure for wireless technology.

A major international technology hub like San Francisco should have access to the best wireless services available. I strongly urge the Planning Commission to help ensure our residents and employers have the quality wireless coverage they deserve.

Ned Gerhold 7 Vandewater St #402

Dear Planning Commission,

I'm interested in communicating to you that, as both a long-time T-mobile subscriber and a San Francisco native, I can honestly see no reason why the applications in order to provide service should not be allowed. A handful of complainants cannot be allowed to restrict the wireless services that we, perhaps particularly as San Franciscans, have come to rely on—for work, for personal communication, and even for safety. Please govern your decision according to how well you serve the communities of North Beach and the surrounding neighborhoods, and now how well you serve an extreme minority with loud voices.

Ryan Gallagher 1433 Clay Street #5

Please help increase the cell phone coverage in San Francisco to a level that we deserve. I am with T-Mobile, and the coverage in North Beach is sub-par. From what I can tell of the plans, the proposed antennas do not clutter the roofscape. Do the right thing, help bring SF to the forefront of cell coverage.

Tomas Boman 1450 Green St Commission President Ron Miquel:

Please support us in expanding coverage in North Beach. As a resident, it is important to have decent and safe phone coverage. I would strongly encourage you to approve this proposal in North Beach.

My work schedule prevents me from attending a Planning Commission meeting in the middle of a work day. Please accept this e-mail as a show of my strong support for T-Mobile's wireless facility proposals.

Wireless phones have become vital personal and public safety tools. Please make certain that citizens continue to have the best coverage possible throughout our community.

Thank you for your assistance with this matter.

Mary Paganini 1402 Kearny Street #5

Please help us get coverage in North Beach, My name is Ismail and poor coverage anywhere in North Beach and the surrounding area is simply unacceptable. That's why I support, and encourage you to approve, T-Mobile's three proposed wireless broadband facilities to be located in North Beach.

Ismail Kacimi 2360 Chestnut St

Please support T-Mobile's application. It appears that the apparatus will not obstruct residents' views. Enhanced coverage would be greatly appreciated.

I am a voting resident (Russian Hill) of San Francisco.

My work schedule prevents me from attending a Planning Commission meeting in the middle of a work day. Please accept this e-mail as a show of my strong support for T-Mobile's wireless facility proposals.

Thank you for your time and consideration in this matter.

S M Blanchard 1175 Chestnut Street

My work schedule prevents me from attending a Planning Commission meeting in the middle of a work day. Please accept this e-mail as a show of my strong support for T-Mobile's wireless facility proposals.

Helena Jausas 317 Chestnut Street Poor coverage anywhere in North Beach and the surrounding area is simply unacceptable. That's why I support, and encourage you to approve, T-Mobile's three proposed wireless broadband facilities to be located in North Beach.

My work schedule prevents me from attending a Planning Commission meeting in the middle of a work day. Please accept this e-mail as a show of my strong support for T-Mobile's wireless facility proposals.

A major international technology hub like San Francisco should have access to the best wireless services available. I strongly urge the Planning Commission to help ensure our residents and employers have the quality wireless coverage they deserve.

I recently read that building permits for wireless facilities in San Francisco can take up to three years to process while, in Dallas, the same permit takes just 3 months. That's not right. It's time for San Francisco to stop delaying infrastructure for wireless technology.

Wireless phones have become vital personal and public safety tools. Please make certain that citizens continue to have the best coverage possible throughout our community.

Wireless phones have become vital personal and public safety tools. Please make certain that citizens continue to have the best coverage possible throughout our community.

No matter where I am, my wireless phone has become my lifeline to the world. It needs to work when I want to make a call, send an e-mail or get online.

My wireless phone has become a necessity. I use it to check in with my children wherever they are in our community. More importantly, I want my children to always be able to reach me or a 9-1-1 operator in an emergency.

Inez Lee 1818 Hyde Street, Apt. 5

To whom it may concern.

I live on Telegraph Hill and poor coverage anywhere on Telegraph Hill/North Beach and the surrounding area is simply unacceptable.

No matter where I am, my wireless phone has become my lifeline to the world. It needs to work when I want to make a call. T-Mobile has great coverage in the City, except I have poor coverage in my house and in front of my house. Having connectivity in my house is essential, especially in an emergency situation.

My work schedule prevents me from attending a Planning Commission meeting in the middle of a work day. Please accept this e-mail as a show of my strong support for T-Mobile's wireless facility proposals.

That's why I support, and encourage you to do all you can to approve, T-Mobile's three proposed wireless broadband facilities to be located in North Beach. Thank you in advance for your support. I would greatly appreciate it.

Debbie Hemingway 47 Telegraph Place

Dear Commissioners:

I am a 16-year North Beach resident (at the corner of Powell and Greenwich) and my wife and I are both T-Mobile customers. I won't be able to make it to the Planning Commission because it's during my work hours, so I'm writing you an email.

I would like to voice my support for T-Mobile's plan to install new wireless facilities in my neighborhood. Good mobile phone service makes a difference both for San Franciscans and visitors you judge our city based on the quality of its infrastructure.

Tom Faulhaber 1861 Powell St.

A major international technology hub like San Francisco should have access to the best wireless services available. I strongly urge the Planning Commission to help ensure our residents and employers have the quality wireless coverage they deserve.

Serena Satyasai 41 Valparaiso Street

Poor service in the North Beach area is an unacceptable public safety issue. Irrational NIMBY luddites who are selfishly objecting to this essential infrastructure of the modern world are putting citizens and visitors at risk by not ensuring adequate coverage.

Joy Crosser 35 Telegraph Pl

I am a T-mobile customer, please support us. BANG

Bang Nguyen 359 Hyde St. Apt. 202

Dear SF Officials: I am a homeowner in North Beach, residing on Kearny St. between Green and Vallejo Sts. I am also a surgeon on emergency call to SF hospitals, and rely on my T-Mobile phone service to enable me to respond to life-threatening emergencies.

I request you to facilitate improvements in T-Mobile's network to allow me to provide the best possible care to SF area patients. The thought that I might miss a life-or-death call because City bureaucracy prevents T-Mobile from improving their network is unacceptable to me and should be unacceptable to you.

Richard Grossman 1230 Kearny

As a T-Mobile user I support the North Beach applications by T-Mobile. San Francisco is a world class city and it must be able to accommodate improvements to cell phone networks.

Martin Gellen 248 Baker Street Poor coverage anywhere in North Beach and the surrounding area is simply unacceptable. That's why I support, and encourage you to approve, T-Mobile's three proposed wireless broadband facilities to be located in North Beach.

A major international technology hub like San Francisco should have access to the best wireless services available.

I strongly urge the Planning Commission to help ensure our residents and employers have the quality wireless coverage they deserve.

No matter where I am, my wireless phone has become my lifeline to the world. It needs to work when I want to make a call, send an e-mail or get online.

Mike Agarwal 3600 Fillmore St. #104

Poor coverage anywhere in North Beach and the surrounding area is simply unacceptable. That's why I support, and encourage you to approve, T-Mobile's three proposed wireless broadband facilities to be located in North Beach.

A major international technology hub like San Francisco should have access to the best wireless services available. I strongly urge the Planning Commission to help ensure our residents and employers have the quality wireless coverage they deserve.

I recently read that building permits for wireless facilities in San Francisco can take up to three years to process while, in Dallas, the same permit takes just 3 months. That's not right. It's time for San Francisco to stop delaying infrastructure for wireless technology.

Wireless phones have become vital personal and public safety tools. Please make certain that citizens continue to have the best coverage possible throughout our community.

Jennifer Millier 55 Casa Way #101

My work schedule prevents me from attending a Planning Commission meeting in the middle of a work day. Please accept this e-mail as a show of my strong support for T-Mobile's wireless facility proposals.

My wireless phone has become a necessity, we actually do not have a land line. I plan on using it to check in with my children wherever they are in our community. More importantly, I want my children to always be able to reach me or a 9-1-1 operator in an emergency.

This is very important to the Mullikin's at 20 Nobles Aly (Near union and grant).

Patrick and Gail Mullikin 20 Nobles Aly

I Support T-Mobile's North Beach Applications

Pierre Nallet 20 Darrell place Wireless phones have become vital personal and public safety tools. Please make certain that citizens continue to have the best coverage possible throughout our community.

Poor coverage anywhere in North Beach and the surrounding area is simply unacceptable. That's why I support, and encourage you to approve, T-Mobile's three proposed wireless broadband facilities to be located in North Beach.

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My work schedule prevents me from attending a Planning Commission meeting in the middle of a work day. Please accept this e-mail as a show of my strong support for T-Mobile's wireless facility proposals.

Maria Wu 1214 Polk St. apt 328

Dear SF City Officials,

Wireless phones have become vital personal and public safety tools. Please make certain that citizens continue to have the best coverage possible throughout our community.

A major international technology hub like San Francisco should have access to the best wireless services available. I strongly urge the Planning Commission to help ensure our residents and employers have the quality wireless coverage they deserve.

Unfortunately my work schedule prevents me from attending a Planning Commission meeting in the middle of a work day. Please accept this e-mail as a show of my strong support for T-Mobile's wireless facility proposals.

Jay Wolberg 1540 Hyde St #6

There is absolutely no coverage in North Beach, and very much needed. I think T-Mobile's plans to improve the coverage by placing low-top rooftop antennas in only three locations is very reasonable, and should be done. Thank you.

Mary Anne Kayiatos 1735 Van Ness Ave., Apt. 501 Seems as thought he aesthetic impact will be minimal, other than 'on principle' I can't see why people are so concerned. There is as yet no confirmed proof of such antennae causing health issues.

My work schedule prevents me from attending a Planning Commission meeting in the middle of a work day. Please accept this e-mail as a show of my support for T-Mobile's wireless facility proposals.

Eóin O' Toole 1555 Greenwich St, Apt 9

I'm a part-time Russian Hill, San Francisco resident, currently on travel in Europe, but feel strongly to take the time to point out San Francisco can NOT afford to fall behind in developing a world class communication infrastructure.

What T-Mobile is proposing for North Beach wireless communications seems reasonable and should be considered as a benefit for the 'many', with little/no risk to the few.

Thanks for your consideration and assistance.

Richard Hess 1338 Unions St, Apt. 6

Poor coverage anywhere in North Beach and the surrounding area is simply unacceptable. That's why I support, and encourage you to approve, T-Mobile's three proposed wireless broadband facilities to be located in North Beach.

My work schedule prevents me from attending a Planning Commission meeting in the middle of a work day. Please accept this e-mail as a show of my strong support for T-Mobile's wireless facility proposals.

Marc Cooper 1200 Francisco St Apt 1

If there is an earthquake in SF cell phones will still work when landlines won't. To not allow wireless service providers to put the necessary facilities in our city endangers our safety.

Poor coverage anywhere in North Beach and the surrounding area is simply unacceptable. That's why I support, and encourage you to approve, T-Mobile's three proposed wireless broadband facilities to be located in North Beach.

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Robert Spencer 1568 Union Street #302 From: "Jeff Coe" <lowcoes @gmail.com>
Subject: Timobile coverage no good
Date: February 3, 2011 8:06:34 PM PST
To: stefanocassolato@att.ne:

Reply-To: lowcoes@gmail.com

My name is Jell coell've fived in the neighborhood of north bench for 16 years, and 1 Mabile coverage was so bad thad to switch to Verizon.

Sent from my Verizon Wireless BlackBerry.

From: Jim Weston <jaweston@weston-sf.com>

Subject: T-Mobile and Other Cellular Carrier Proposals for Additional Towers in North Beach

Date: January \$1, 2011 4:13:16 PM PST

To: aaron.hollister@slgcv.org

Please do not block the subject proposals. The red tape and delays for approval of such towers in San Francisco is well-known and reflects unlayorably on our image as both a tourist and business destination city.

Spotlighting IPad, IPhone 4, IPod south 4, New Apple TV, MoolfeMe, Slingbox

Jan Weston Computer Consulting Weston & Associates San Francisco, Catifornia Voice: 415-985-1503

E-mail: jaweston@weston-sf.com Apple FaceTime Test: facesime@weston-sf.com Skype accounts: jawestonskype, jawestonskype2 Video Gallery: http://gallery.mac.com/jawestonio From: 'All Things Accordion' <tom@lactyofspain.com>

Subject: Support for towers

Date: January 31, 2011 7:37:25 PM PST

To: <frank@FNstrategy.com>, <aaron.hollister@sfgov.org>, <c_olague@yahoo.com>

I work and frequent North beach regularly and I support the T-Mobile cell towers to improve wireless coverage.

Tom Torriglia 415 440 0800 San Francisco From: "William Moisson"

subject: Better Cell Phone Service for North Beach

Date: February 2, 2011 11:27:21 AM PST

To: <frank@fracrategy.com>, <aaron.holliater@afgov.org>, <c_olague@yahoo.com>

I am writing to encourage your support of better cell phone service for North Beach, and specifically the new transmission facilities being proposed for T-Mobile.

This is equally important for residents and visitors alike. It would be terrible for North Beach to get a reputation as a place that is anti-communications.

Thank you, Bill Moisson From: Fun Guy <unquyfungl@gmail.com>

Subject: North Beach Antennae

Date: February 2, 2011 4:58:32 PM PST

To: Fnoto@goastrategies.com, frank@FNatratogy.com, Christina Olague <c_clague@yahoo.coms.

agron hollister@efgov.org

Reply-To: FunGuyFungi@gmail.com

I Mobile has a plant to improve leading edge mobile phone and data communications coverage for North Beach and Telegraph Hill. Three small inforcell wireless antennas are processed for rooftops on 501 Groonwich, 1763 Stuckton and 1500 Grant Avenue to improve wireless infrastructure to meet customer needs and improve coverage.

I limitally support this project and urge its approval.

Paul Hansbury 415-987-0540 From: sffd22@aol.com

Subject: T-Mobile antenna sites in North Beach

Date: February 2, 2011 9:13:59 PM PST

To: frank@FNstrategy.com. aaron.ho`lister@sfgov.org. c. plague@yahoo.com.

Dear Commissioners

This letter is in support of the (3) antenna locations proposed by T-Mobile on Grant, Stockton, and Greenwich Streets in North Beach.

Paints applications for all anterms installations, including which equipment modifications to edating sites, go through an adducts process for approval. These applications are not only reviewed by the Prancing Department, but also by the Building, Fire, and the Health Departments. To protect the public, these agencies ensure the structural integrity and environmental safety of all anterns atea. Numerous signs, warrings, and painted striping must be installed to interm throughtes reports whether, pamers, and anyone else who may have to work in close proximity to anterns of their presence and any dangers. An "RF Report" must be included on all pians submitted for antenna installations, signae by a Professional Engineer with expert so in community atoms togethology. These reports closely indicate the level of exposure to the public per FCC alandards and fall the distances from the enterprise of which any exposure limitations gruth the exceeded. These distances are generally a few testers or less, individing that a possion would have to remain just a few feel directly in front of these devices for an excended ceriod of time to receive even a minimal amount of RF energy. To address some residents' concerns about the appearance of these devices. I -Mobile has modified their plans to reduce the visibility of antennas from the affect.

San Francisco's permit propess is already extensive and combersome. Certainly no additional review is necessary. But Francisco, arguably a part of Sillicon Valley, should be a leader in providing the dittans with the latest technological advances instead of causing incremately long delays. Stease approve the permit for these artenna detailations. Thank you.

Ms. Middi Jones North Beadh From: Adam Slote <adam@stotelaw.com>

Subject: T-Mobile's North Beach Antenna Installation

Date: February 3, 2011 2.28:28 PM PST

To: frenk@FNstrategy.com, aeron.hollister@efgov.org, cilolague@yahoo.com

Dear Commissioners:

San Francisco's geography is a challenge to wireless services in San Francisco. I support T-Mobile's effort to improve service in North Beach by investing in new infrastructure. Excellent high speed wireless data services are critical if San Francisco is to continue to be at the center of high technology innovation and business start-ups.

thank you for your consideration.

Adam G. Siote SEOTE & LINKS 100 Pine Street, Suite 750 San Francisco, CA 94111 415-393-8001 adam@sintglave.com From: Daria Bernard <dariaberhard@yahoo.com>

Subject: Fw:

Date: February 3, 2011 4:23:57 PM PST

To: marshagarland@alt.net

----- Forwarded Message ----Proms Daria Benterd <dariabemar@yahoo.com>

Todic alegue@yahou.com Sente Witch, Pobranry 2, 2011 10:32:21 AM

Subject:

Please support this safe and much needed technology in our neighborhood.

As Merchants and residents living and working in the North Beach area, do not oppose this installation and feel it would better the wireless communication of our neighbors and friends. We understand that this micro site poses no threat due to it being

1% of the safety guidelines set forth by the federal communication regulations and standards.

1/65 Lepry 94/33 Whomas (RANDUSON) 310 Colombus Ave 94/33 Paul Agub Gen Valley 94/33 1230 GENT AM 94/33 1230 GENT AM 94/33 1214 Grant AVE 94/33 1377 GRANT AVE 94/33
Elance 1327 Grant 94133 memo (R.Andreson) 310 Colombus Ave 94133 Part Aerub 817 Colombus Ave 94133 Part Aerub Ger Valley 94133 1230 Grant Ave 94133 1314 Grant Ave 94133 1377 Grant Ave 94133 1377 Grant Ave 94133
Memo (R.Andreson) 310 Colombus Ave 94133 Paul Agus 817 Columbus 4155 94133 Paul Agus 601 Valley 74133 1230 Com Ant 54133 1214 Grand AVE 94133 1377 GRANT AVE 94133 1377 GRANT AVE 94133
120 GENT AVE 94133 1307 COURT AVE 94133 1307 COURT AVE 94133
1230 GUNT AM 94133 1264 ARAMT AUG 94133 1314 Grand AVE 94133 1377 GRANT DUE 94133 1377 GRANT DUE 94133
1230 GUNT AM SUBS 94133 1264 ARAMT AUG 94133 1314 Grund AVE 94133 1377 GRUNT DUE 94133 1307 COURT AVE 94133
1377 GRANT AUG 94133 1377 GRANT DUE 94133 1377 GRANT DUE 94133
1377 GRANT DUE 94133 1377 GRANT DUE 94133 1307 COURT NE 94133
1377 GRUNT DUE 94133 1307 COURT AVE 94133
1327 CONT NE 94133
1609 Powell St 94/33
501 UNION STHE 94133
1336 Gram ca a 44/33
R= 1250 Gmit AVG 94133
Filed 524 Green St 94133
(a) Allero 518 Spreen 54 94133
542 GEEN ST 94133
7 1 125 TOVEN 552 GOVST 94133

As Merchants and residents living and working in the North Beach area, do not oppose this installation and feel it would better the wireless communication of our neighbors and friends. We understand that this micro site poses no threat due to it being

1% of the safety guidelines set forth by the federal communication regulations and standards.

Signed:	Address:	email:
Hallen Singetten	1346 Keany SF, CA 941 459 Greenwich St, SF	A I Allent
Cyprof 2	1601 Geant Alt 23	PANT 94/37
hutso kuc	About 1420 grand Ave 5	F, CA 94133
Den Due	439 VAREHMES SF, CA	94/33
Jeg Lough;	State 1540 Great for	SF 94/33
100	8 Hobbes Alley SF 94137	94133
Ken Baye	450 Filbert.	94/33
Strong .	137 Volenes 9413	5
and Hore		1/32
Puly Sin	1401 GANT NE C. F. GA 941:	94133
Durch	de 1363 Green St.	94133

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1% of the safety guidelines set forth by the federal communication regulations and standards.

Signed:	Address:	email:
	492 ULION ST.	wax-186@hotmail.com
Man	501 GrANT	
ASTY	1519 Grant	Info@abfitz.com
A-10-	1519 Grant/177 Pfei	forst samleenello@aol.com
AND S	1535 CARANT AVE	
and I	510 Umon St 146/ Grant Ave	Slau 1820 yokov.con
#	1961 hand bre	
or a mulim	455 GRANTA	
Allace.	1445 GRANT AVE	alix.odoud@concast.not
Jay Schelin	1415 Grant St.	
Secretary	1415 Grant St.	G .
Sem Dago 1	1400 GRENT	ARE.
JEBS .	1402 Grat A	benjamin andrews ste grant an
muhill Neell	1412 GRANT	Designation of the state of the
Siana Budigas	1422 Grant Av	
ZOMEN DAVING	TOO N VIVIN II	74133 wonderworks @ Jestico.

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1% of the safety guidelines set forth by the federal communication regulations and standards.

Signed:	Address:	email:
C. Klutierrez	1644 Chyrchst 9413	teasinglise aol.com
Mickel Bruke	1416 Grant am	MICHAEL QRAPAPHIZZISF. COM
Dec Marie	> 404A Union	5t. buttons@sfsuedu
Gerry Told	1462 Grun	N. B. P.
may Profession	1402 Keans of.	Dellias Cocs. Co.
DAVID ANGTED	148 Verennes	St.
HOWARD MUNSON	64 DARRETL	
Hay Durista	a 28 Bab Kaufman	- Raydundag Qyahoo com
CONOR FEMILETY	1522 Dento	L count covardennessy con
Day House	328 win St.	
BLAKE MONTOS	17 Est 42 am	
Jan P. C.	947 Cowners -	N.B. LockesmFe
Joe DeRoras	JII FREENWICKS ST.	+ Voseph DeRouge O Yahon
Nohm	470 Vnevis	(0)

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> 1% of the safety guidelines set forth by the federal communication regulations and standards.

Signed	Address:	email.
Bul	480 COLUMBUS AVE	94133
	565 Green St.	94133
Chine Bul	1730 KEARNYLT A-1	94132
Vallen	443 FILBELL	94133
The Boul	1443 Grant	9403
Very	1507 GRANT AVE	94183
514	1415 Grant Age	94133
(HATTY	526 Grove 51.	94133
Carranel Hatt		94133
ochys Sur	msy 436 UNIOS.	94153
and the same of th	8-14/2 Nobles	94133
11540	36 lombard	94/33
B / John	153 VARAUNES	94133
M. Barr	in 1460A Montgomer st	94133
gall Earl	139 Greenwich	94/33
11/P/2031	2 15911 (1508ANIV	94/7/5
D' In	1226 trantst	7 94/33
Hughen the	793 UNION (5)	94133
1 1	1519 (sugar = 18	9473
wastra Cherl	and 535 Orecon	54, 94133
failed allery	V 55 conoma St +0	94133

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1% of the safety guidelines set forth by the federal communication regulations and standards.

Address:	email:
1003 auct st.	94133
1/25 Galenth #7	94133
	200

Yes, let's improve our wireless communications.

As merchants, employees and residents fiving and working in North Beach and Telegraph Hill, we support installation of small microcellular antennas at 1500 Crant. 501 Greenwich and 1763 Stockton. These sites will improve wireless communications for our friends and neighbors. We understand that these micro sites are approved by the Health Department, feeding the antennas with less than 15 watts of power (insignificant when compared to a 100-watt light bulb). Radio frequency exposure levels are jess than from a corcless phone or wireless router for a home computer. The small antennas are generally hidden from the street, and appear similar to small roof vents from above.

Already supported by more than 150 residents and merchants in the North Beach area, this proposal for leading edge infrastructure will provide the quality wireless coverage that residents expect in our neighborhood.

1.	PRINTED Name: L12 D1072
	Address: 600 Cheathral H302 zip Coda: 94133
	Phone:Email: plant closeth W. net
2.	PRINTED Name: GRYNOR LLOTD
	Address: 760 Colanbols ZIP Code: 94133
	Phone:Email:
3.	PRINTED Name: Filen Wanstein.
	Address: 1000 500 5000 - 31 4:150 ZIP Coce: 44111
	Phone:Email:
Z _E	PRINTED Name: EMWARM FONG Address: 45 JASPER ZIP Code: 94133
	Address: 45 JASPER ZIP Code: 94133
	Phone: 392.7344 Email:
5.	PRINTED Name: DE KONG YM
	Address: TOU VANOIS # 14 ZIP Code:
	Phone:Emai :
Ę.	PRINTED Name: GORDIN MUNK
	Address: 1550 MASONZIP Code: 94133
	Phone:Email

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٠.	PRINTED Name: DAVID 110
	Address: 1657 Stockton St ZIP Coce: 9417]
	Phone:Email:
2.	PRINTED Name:
3.	PRINTED Name: LOGIS CARDALL//5/F Address: (855 i25//6/05) ZIP Coce: 99/3 Z Phone:
4.	PRINTED Name: $Solo / i / O_0 = R_0 / i / O_0$ Address: $2190 R_0 / i / O_0 = 210 Coca: 9.4133$ Phone: $1(4 5) 359333 $ Email:
5.	PRINTED Name: PSYNCECA PSYCA Address: 2140 CANTL 47 ZIP Coce. 1413? Phone:Email:
6.	PRINTED Name:

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1	PRINTED Name: DOMO NY DA
	Address: Transfer ZIP Code (14) 157
	Phone:Email:
2.	PRINTED Name: Amanda HO
	Address: 1968 POWAIL St. ZIP Code: 94133
	Phone:Email:
3.	Address: 930 Chartrus ZIP Code: 9413)
	Address: 930 ChapterusZIP Code: 74(3)
	Phone:Email:
4.	PRINTED Name: HOLLY LEACH
	Address: <u>2\5\ MA\SOM</u> _ZIP Code: <u>9413</u> 3
	Phone:Fmail:
5	PRINTED Name: Ann Phuny - Luc Address: 756 Columbust P Code: 94/30
	Address: 756 Co/11 m Amodel Code: 94/30
	Phone (4/5) 57/-5/6/ma !:
5	PRINTED Name: Jason Zhor
	Address: 706 Calumbus Av/2-71P Cade: 94133
	Phone. 415-986-0886_Email:

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1.	PRINTED Name: Vacy York
	Address: 577 ((1/16/2) 712 Cnde: 9413.3
	Phone: 415-192/442 Email:
2.	PRINTED Name: MILE SIA QUI IN TO
	Address. TUTT FOUNT ZIP Code: 9433
	Phone:Email:
3.	PRINTED Name: ADAM BROWN Address: 2/31 MAKW 47 ZIP Code: 94/33
٥.	2131 MASN 47 711 94133
	Phone:Email:
4.	PRINTED Name: 5 CVEW/104 IDVASONV
	Address: <u>670 FOUMER © SY-</u> ZIP Code: 9 4133
	Phone:Email:
5.	PRINTED Name: KIMBENEY MOVE
	Address: <u>1532 MOLSUN ST-</u> ZIP Code: <u>9413</u> 3
	Phone: Email:
6.	PRINTED Name: LAURY MCEXIAVE
	Address: (S) LOM BAKI) ZIP Code: 94/33
	Phone:Email:Email:

As morchants, employees and residents fiving and working in North Beach and Telegraph Hill, we support installation of small microcellular autennas at 1500 Grant, 501 Groonwich and 176S Stockton. These sites will improve wireless communications for our friends and neighbors. We understand that these micro sites are approved by the Health Department, feeding the antennas with less than 15 watts of power (insignificant when compared to a 100-watt light bulb). Radio frequency exposure levels are less than from a cordless phone or wireless router for a home computer. The small antennas are generally hidden from the street, and appear similar to small roof verits from above.

1.	PRINTED Name: 1 STUDE # 1
	Address: 1847 5104 TIM TIP Coce: AUTT
	Phone:
2.	PRINTED Name: CHARGE-ARLIO FOT T
	Phone Mij 2 7 2 105 S 7 Emails
3.	PRINTED Name: Flisa Garibaia -
	Address: 545 Lownbard 9 20 Code: 94123
	Phone: (380 533 1528 Email: 1152 garibay @ 4 Ahox
4.	PRINTED Name: Stoke Lugar
	Address: 1705 Stocklow StZIP Code:
	Phone:Email:
5.	PRINTICO Name: JEFF PAGE AA
	Address: 670 PALBUIZM ZIP Code: 94122
	Phone:Email:
6 .	MINTED Namo: Gerhard Storniola
	Address: 657 C/A y St #39 ZIP Code: 94/1/
	Phone: 4K 341.7838 Emalk

As morchants, employees and residents fiving and working in North Beach and Tolegraph Hitl, we support installation of small microcellular antennas at 1500 Grant, 501 Greenwich and 1763 Stockton. These sites will improve wireless communications for our friends and neighbors. We understand that these micro sites are approved by the Health Department, feeding the antennas with less than 15 watts of power (insignificant when compared to a 100-watt light hulb). Radio frequency exposure levels are less than from a cordless phone or wireless router for a home computer. The small antennas are generally hidden from the street, and appear similar to small roof vents from above.

1.	PAINTED Name: Katonia
	Address: 474- FILDONA STEP Code: 94133
	Phone: Ercail:
2.	PRINTED Name: SUST WNG YU Aridress: ISUST MING AVE ZIP Code: 9433
	Phone:Email:
3.	PRINTED Name: Alex Box CV- Address: 371 Columbus Ave 19:34 ZIP Code: 94133
	Phone:Email:
4.	PRINTED Namo: # 12 3
	Address: 534 JUNION ZIP Code: 14/37
5 .	Phone:Emall:
	Address: 1164 6n#n 7 ZIP Codo: 49-3)
	Phone:Email:
6.	PRINTED Name: FOYTUME Chan Address: 484 Union St ZIP Conte: 99137
	Phone:Email:

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1.	PRINTED NATE: Larry Hanson
	Address: 1350 Karray ZIP Code: 94133
	Fhone:Email:
2.	Address: 1065 Margary Stzip Code 94/33
	Address: 1065 Maring Style Code 94133
	Phone: Email:
	31) / / / / / / / / / / / / / / / / / /
3.	PRINTED Name: X 1 (MAX)
	Address: 1244 Kowny ZIP Codu: 94133
	Phone: 288 - 688 Email:
4.	PHINTED Name: LIN
	Address: ZO VARBATURS 51 ZIP Code: 94/33
	Phone:Email:
5.	PRINTED Name: D. ANSTED Address: 405 UNION ZIP Code: 9419 5
	Address: 405 VNONZIP Code: 94/95
	Phone: Email:
&.	PRINTED Name: Anchrew Davis
	Address: 477 04104 5+ 210 Code: 99133
	Phone: 215 - 776-4066 Email:

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1.	PRINTED Name: RAYMOND N. C. CHAN
	Address: 1005 10WELL ST. \$403 S.F. CA. ZIP Code: 14108 - 15 03
	Phone: _4/5 ~652-2012
2.	PRINTED Name: SARAH MOFFAT
	Address: 460 Calumbus ZIP Code: 94/33
	Phone: 415 828 THIS Email: SMOFF@MATE.COM
3.	PRINTED Name: Jag than St. ZIP Code: 7475
	Address: 475 A V/5/01 St. ZIP Code: 74 30
	Phono: Emai :
4.	PRINTED Name: CHOO \ATC
	Address: 524 141/11 8T - ZIP Code: 9 4 143
	Phone:(나타) XIpD ~ 기 나고- Email:
5.	PRINTED Name: New Could
	Address: $H(J_{cop}, P_{co})$
	Phone: Email:
6.	PRINTED Name: Mark Ruit-
	Address: 741 Green St zip Code: 9413]
	Phone:Email:

177

Yes, let's improve our wireless communications.

As merchants, employees and residents living and working in North Beach and Telegraph Hill, we support Installation of small microcellular antennas at 1500 Grant, 501 Greenwich and 1763 Stockton. These sites will improve wireless communications for our friends and noighbors. We understand that these micro sites are approved by the Health Department, feeding the antennas with less than 15 watts of power (insignificant when compared to a 100-watt light bulb). Radio frequency exposure levels are less than from a cordless phone or wireless router for a home computer. The small antennas are generally hidden from the street, and appear similar to small-roof vents from above.

1.	PRINTED Name: YM/ WW/
	Address: <u>\$23 </u>
	Phone:Email:
2.	PHINTED Name: JOSEC Adamson
	Address: 823 Lomba <u>rd St</u> zPCodo <u>: 94/3</u> 3
	Phone:Email:
3.	PRINTED Namo: VINA GHASSENI-HEKSIN.
	Address: 440 LONBORD ZIP Code: 94133
	Phone;Email:
4.	PRINTED Name: The GOODRICH
	Address: <u>YYO しむm<i>BHLOら</i>に</u> ZIP Code: ⁹ 2Y/3フ
	Phone:Email:
6.	PRINTED Name: STAN CHT
	Address: 104 <u>3 80 W & L ZIP Code</u> : <u>7</u> 4128
	P'nonet Fmail:Fmail:
G.	PRINTED Name: JONAN CHAN
	Address: <u> </u>
	Phone: Email:

As merchants, employees and residents living and working in North Beach and To egraph Hill, we support installation of small microcellular antennas at 1500 Grant, 501 Greenwich and 1760 Stockton. These sites will improve wireless communications for our friends and neighbors. We understand that these micro sites are approved by the Health Department, feeding the antennas with less than 15 watts of power (Insignificant when compared to a 100-watt light bulb). Radio frequency exposure levels are less than from a cordless phone or wireless router for a home computer. The small antennas are generally hidden from the street, and appear similar to small roof vents from above.

1.	PRINTED Name: PIE PARTIE PARTIE PRINTED NAME
	Andress: 44/33
	Phono:Email: 2/15/14/5/04/05-com
2.	PRINTED Name: FECILE A FRANCHUILLO
	Address: 615 00100 560 ZIF Code: 94133
	Phone:Email:
3.	PRINTED Name: M. (RANI A. 15) A.W.
	Address: 1940 (MNO) #106 ZIP Code: 94189
	Phone:Email:
4.	PRINTED Namo: Ellea Mclarthy
	Address: 1440 Mich _71P Code 74109
	Phone: S Email:
5.	PRINTED Name: BUTUS M-DOVINCI
	Address: 629 ()0/0,0 zip code:94133
	Phone: Emai:
6,	PRINTED Name: Likelish itan
	Address: 536 Green with ZIP Coule: 99133
	Phone: Email:

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1.	PRINTED Name: 1073200 15 LOT 1-
	Address: 467 FILBER, T ZIP Code: 94133
	Phone: Email:
2.	PRINTED Name: Daniel Wilcox #40 Address: Abyll Ax 2750 Microzip Code: 94103
	Address: Myss Ax 2750 Microstly Code: 94103
	Phone: (650) 765- Email: denic/cox Organilicam
Э.	PRINTED Name: Philipping Lang
	Address: 1961 Grow Are ZIP Code: 99133
	Phone;Lmall:
4.	PRINTED Name: Police LAM
	Addices: 146 his both SIP Code: 4413
	Phone: Email:Email:
5.	PHINTED Name: Joffmot
	Address: 1379 GYAWT
	Phone: Email:
G.	PRINTED Name: Sta Shapiro Address: 521 Union St ZP Oode: 44133
	Address: 521 Union St ZP Code: 49133
	Phone:Emoil:

As merchants, employees and residents living and working in North Beach and Tolograph Hilf, we support installation of small microse-lular antennas at 1500 Grant, 501 Greenwich and 1763 Stockton. These sites will improve wireless communications for our friends and neighbors. We understand that these micro sites are approved by the Health Department, feeding the antennas with less than 15 waits of power (insignificant when compared to a 100-wait light bulb). Radio frequency exposure levels are [ess than from a cordless phone or wireless router for a home computer. The small antennas are generally hidden from the street, and appear similar to small roof vents from above.

1.	PRINTED Name: (CHI CHON) WU
	Address: 15 SONOMA Street ZIP Codo: 94133
	Phone: 415 362 8248 Emall: Claims wurd @ grail Com
2.	PHINTED Name: Hawa chedrall
	Address: 1300 Kearing ZIP Code: 4413)
	Phone: Email:
3.	PRINTED Name: Terso 30 horson
	Address: 3 6 5 (2 / 6 / 6 / 2 ZIF Code: 99/35 5
	Phone: Email:
4.	Address: 383 (ABBN ZIP Code: 9413
	Address: 363 4.888 ZIP Code: 7413
	Phone:Email;
5.	PRINTED Name: ZEKADA 77-WMKM
	Address: 1256 K.CAKNY Str. ZIP Code: 94133
	Phone:Emeil;
5 .	Address: 378 Green 15 ZIP Code: 9417>
	Address: 378 Green (t ZIP Code: 941)>
	Phone:Ernail:

As merchants, employees and residents living and working in North Beach and Telegraph Hill, we do not oppose installation of small microcellular antennas at 1500 Grant, 501 Greenwich and 1793 Stockton. These sites will improve wireless communications for our friends and neighbors. We understand that these micro sites are approved by the Health Department, feeding the artennas with less than 15 watts of power (insignificant when compared to a 100-watt light builb). Radio frequency exposure levels are less than from a cordless phone or wireless router for a home computer. The small antennas are generally hidden from the street, and appear similar to small most vents from above.

1.	PRINTED Name: LU GERMAY
	Address: 576 Wian Step Ende:
	Phone: 415 - 341 - 8667 Email.
2.	PRINTED Name: 12 (FG0 52 120
	Address: 566 A CHESTNUT IP Code:94133
	PhonoErrait:
3.	PRINTED Name: TAN FICK ON ON ON Address: 1729 8700 FON ZP Code: 9413)
	. Phone:Email:
4	PRINTED Name: 2000 2:P Code: 94109
	PhoneEmail*
5.	PRINTED NAME: Cliffe des Cantera
	Address: Rom, 40 Had himit zip Code: 9413
	Phone: <u>4(A) - JSD- 95(A)</u> Email:
б.	PRINTED Name Tola to 1/01
	Address: 710 AVILA St. ZIP Code: 39477
	Phone: 346 47 71 Email.

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Already supported by more than 150 residents and merchants in the North Beach area,

this prop that resid	eosal for leading edge Infrastructure will provide the quality wireless covera- dents expect in our neighborhood.
l.	PHINTED Name: Danielle Mora Phin Tow
	Address: 1402 Grant St zip Code: 94/33
	Phone:Email:
2.	PHINTED Name: Maddalena Petrogalli Address: 435 Lombald Stzip Code: 94133
	Address: 435 Lambard StziP Code: 94133
	Phone:Email: .
3.	PRINTED Name: Ron Cardin
	Address: 1916 Glant ZIP Could 19155
	Phone:Email:Email:
4.	Andress: 485 WWW A ZIP Code: 94199
	Andress: 485 VNIVNA A ZIP Code: 94197
	Phone; Email:
ā.	PRINTED Name: Live Li
	Address: 1465 Grant Bue 14 ZIP Code: 94/33
	Phone; Email:
6.	PRINTED Names Ben Karl
	Address: 1654 Shock ten G ZIP Code: 94133
	Phono: / Fmalls

As merchants, employees and residents "iving and working in North Beach and Telegraph Hill, we support installation of small microcellular antennas at 1500 Grant, 501 Greenwich and 1763 Stockton. These sites will improve wireless communications for our friends and neighbors. We understand that these micro sites are approved by the Health Department, feeding the antennas with less than 16 watts of power (insignificant when compared to a 100-wall light bulb). Radio frequency exposure levels are less than from a cordless phone or wireless router for a home computer. The small antennas are generally hidden from the street, and appear similar to small roof vonts from above.

1.	PRINTED Name: Titing Jan.
	Address: 960 UM.m 99-243 ZIP Code: 94133
	Phone:Email:
2.	PRINTED Name: 12 12 12 12 12 12 12 12 12 12 12 12 12
	Address: 1525 Powe]] ZIP Code: 94733
	Phone:Email:
3.	PRINTED Name: DON W24 AE
	PRINTED Name: DON W/24 17 E. Address: <u>G_75_CN_UM(5)US</u> ZIP Code: <u>941</u> 33
	Phone:Email;
4.	PRINTED Name: Then Warth
	Address: 15+ Cottege 11-100 9418 AD COME 9-11/2
	Phono:Email:
5.	PRINTED Name: Mick BAbistoff
	Address: 1329 GRANT ZIP Code: 94133
	Phone;Emall:
6.	PRINTED Name: MARINN M . KITAGAMA
	Address: _526
	Phone: 415 986 5089 att. M.M. KITAGAMAG NAUCO COM

As morchants, employees and residents living and working in North Beach and Telegraph Hill, we support installation of small microcellular antennas at 1500 Grant, 501 Greenwich and 1763 Stockton. These sites will improve wireless communications for our friends and neighbors. We understand that these micro sites are approved by the Health Department, feeding the antennas with less than 15 walts of power (insignificant when compared to a 100-wall light bulb). Rad-o frequency exposure levels are less than from a cordless phone or wireless router for a home computer. The small antennas are generally hidden from the street, and appear similar to small roof vents from above.

1.	PRINTED Name: TUMPE WIFE
	Address: 120 JOSPET Pt. 279 Floor: ZIP Code: 04157
	Phone:Emall:Emall:
2	PRINTED Name: TROTHING Address: 100 TISPER D. 2nd Floor ZIP Code: 94130
	Phone: Email:
3.	PRINTED Name: KHUY EN
	Address: 500 WINDWZIP Code: 99/30
	Phone: Email:
4.	PRINTED Name: KERSB KAREN
	Arldress: 156 LOM BARRY ZIP Corie: 44177
	Phone:Email:
5.	PRINTED Name: THIN MIR
	Arldress: 74-6 13/6/19 w/hy ZIP Coda: 74/33
	Phone:Email:
ნ.	PRINTED Namo: CINDY CHEN
	Acdress: 50 to Fill 1000 51 - ZIP Cook: 94133
	Phone: Email:

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1.	PRINTED Name: Plen Cayas
	Address: 1125 Howell ZIP Code: 94/33
	Phone:Email:
2.	PRINTED Name: " CONTRADICIN LISTV.
	Acdress: 844 JAOKSAN 57 ZIP Code: 94133
	Phono: 69-0127 Email:
3.	PRINTED Name: DV WHICH YES
	Address: 1531 POWILL ST ZIP Code: 94133
	Fhone: <u>보기구 - 건강가</u> Emall:
4.	PRINTED Name: FOSIN FONG
	PRINTED Name: FOSIN FONG Address:
	·
5.	PRINTED Name: RUSE CTPC Address: 808 Valle, Ozin Code: 64/3)
	Address: 808 Valle, Ozir Code; 64/3)
	Phone: 9991114Email:
යි.	PRINTED Name: Ed GPC
	Address: 808 Valle, 7 ZIP Code: 194737
	Address: 808 Va $(e^{i}, 3)$ ZIP Code: $44/3$ 7

As merchants, employees and residents living and working in North Boach and Telegraph Hill, we support installation of small microcollular antennas at 1500 Grant, 501 Greenwich and 1763 Stockton. These sites will improve wireless communications for our friends and neighbors. We understand that these micro sites are approved by the Health Department, feeding the antennas with loss than 15 watts of power (insignificant when compared to a 100-wall light builb). Hadio frequency exposure levels are less than from a cordless phone or wireless router for a home computer. The small antennas are generally hidden from the street, and appear similar to small roof vents from above.

Already supported by more than 150 residents and merchants in the North Beach area,

	iosal for leading edge infrastructure will provide the quality wireless coverage dents expect in our neighborhood. $-/\lambda$
1.	PHINTED Name: Again Again
	Address: 700 (0/0mb0szIP Code: 94133
	Phore:Email:
2.	PRINTED Name: Sites New 1-101111
	Address: 1527 Grant AUR. ZIP Code: 94/33
	Phone;£mall
э.	PRINTED Name: DAVID Wong Address: 1230 UnioN ZP Codo: 94133
	Phone: (6734873 Email:
4.	PRINTED Name: GOBAON MARK
	Address: 1526 MASON ZIP Code: 94133 . ,
	Address: 1526 MASON ZIP Code: 9433 Phone: Email: Gurdt m MQ (7 Ma) L
5.	PRINTED Name: MEI WON'S
	Address: 1201 UNION ZIP Code: 94133
	Phone: 673-4873_Email:
5.	PRINTED Name: MICHAEL FOOTE
	Address: 558 FILISERT ZIP Code: 94133
	Phone: Email:

4

As morehants, employees and residents living and working in North Beech and Telegraph Hill, we support installation of small microcellular antennas at 1500 Grant, 501 Greenwich and 1763 Stockton. These sites will improve wireless communications for our friends and neighbors. We understand that these infere sites are approved by the Health Department, feeding the antennas with less than 15 watts of power (insignificant when compared to a 100-watt light brills). Radio frequency exposure levels are less than from a cordless phone or wireless router for a home computer. The small entennas are generally hidden from the street, and appear similar to small roof vents from above.

1.	PRINTED Name: POBIER T MITTELSTADI
	Adultess:1736
	Phone: 57 Email: 94-133
2.	PRINTED Name: DAUSD BOOM
	Address: 1847 B 5 TO CACTON ZIP Code: 94133
	Phone:Emali:Emali:
IJ.	PRINTED Name: LANKA WILLIAMS
	PRINTED Name: LANGEA WILLIAMS Address: [847 & STOCKTON ZIP Code: 94133
	Phone:Email:
4.	PRINTED NAMO: WAR PYARACCHINI
	Address: 152
	Phone: Ernail:
5.	PRINTED Name: ALLO DICES ALVOID 17
	Address: f MD FILSER ZIP Code: M 4133
	Phone:Emall:
ნ.	PAINTED Name: Yenenens G.
	Adultess: 1625 POWELL ZIP Code: 19133
	Phone:Email:

As merchants, employees and residents living and working in North Beach and Telegraph Hill, we support installation of small microcellular antennas at 1500 Grant, 501 Greenwich and 1763 Stockton. These altes will improve wireless communications for our friends and neighbors. We understand that these micro sites are approved by the Health Department, feeding the antennas with less than 15 watts of power (insignificant when compared to a 100-watt light bulb). Radio frequency exposure levels are less than from a cordless phone or wireless router for a home computer. The small antennas are generally hidden from the street, and appear similar to small roof vents from above.

1.	PRINTED Name: BABAK YOUSEF 2705H
	Address: 45) Union St. 253 ZIP Code: 94133
	Phone:
2.	PRINTED Name: Shuyi Liang.
	Address: 484 Union ZIP Code: 94-133
	Phone: 337-0770 Email:
3.	PRINTED Name: ME) ME) JIH
_	Address: 16 HAMMON HILEDP Code: 94737
	Phone: Ernail:
4.	PRINTED Name: LUM CHR
	Address: 441 Un-1810 ZIP Code: 94135
	Phone: Email:
5.	HODASS 39BANNAM 94137
	ALAM 15 RUIN N L ZIP Codes
	Phone:Emall:
6.	PRINTED Name: (NA. 6 / S. S. Lee-
	Address: 9 NB 146 X 14 ZIP Code: 94773
	Phone:Email:

As merchants, employees and residents living and working in North Beach and Telegraph Hill, we do not oppose installation of small microcellular antennas at 1500 Grant, 501 Greenwich and 1763 Stockton. These sizes will improve wireless communications for our friends and neighbors. We understand that these micro sites are approved by the Health Department, feeding the antennas with less than 15 watts of power (insignificant when compared to a 100-watt light bulb). Radio frequency exposure levels are less than from a cordless phone or wireless router for a home computer. The small antennas are generally hidden from the street, and appear similar to small roof vents from above.

Already supported by more than 150 residents and merchants in the North Beach area,

this pro that resi	posal for leading edge infrastructure will provide the quality wireless coverage idents expect in our neighborhood.
1	PRINTED Name: FRIE (SURGES
	Address: 6072 FLORERT ZIP Code: 941 33
	Phark3
2.	PRINTED Name: Mary Pundy-Pead
	Address: 855 F1/her 7 St. ZIP Orde: 94/33
	Phone: 4/5-97/-2868 Emall:
3.	Address. 260 Manusio IP Code: 94133
	Address
	Phone: <u>V. 15 3/72 9/0 J. Email:</u>
4.	PRINTED Name:
	Address: <u>2/54 /J. im 51 ZIP</u> Code: <u>977/2-3</u>
	Phone:Email:Email:
_	PRINTED Name. Shall
5.	Address. 585 Cola Burry 7:0 code 94/73
	Almas
6.	PRINTED Name
	Phone: Email: =

As merchants, employees and residents living and working in North Seach and Telegraph Hill, we support installation of small microcellular antennas at 1500 Grant, 501 Greenwich and 1763 Stockton. These sites will improve wireless communications for our friends and neighbors. We understand that these micro sites are approved by the Health Department, feeding the antennas with less than 15 watts of power (insignificant when compared to a 100-watt light bulb). Radio frequency exposure levels are less than from a cordless phone or wireless router for a home computer. The small antennas are generally hidden from the street, and appear similar to small roof vents from above.

Already supported by more than 150 residents and merchants in the North Beach area, this proposal for leading edge infrastructure will provide the quality wireless coverage that residents expect in our neighborhood. $C = \pi n + \frac{1}{2\pi} \frac{1}{2\pi}$

1.	PRINTED Names 370903
	Address: 1245 Refall Stip Code: 9433
	Phone:Email;
2.	PRINTED Name: Bussenius Poul
	Address: 1420 Kearny St ZIP Code: 94133.
	Phone: 415 311 9585 Email:
з.	PRINTED Name: Likura 2 BG6 - Vig .
	Address: 439 SESEMICA ZIP Codo: 94733
	Phone: 75 546 577 Email: 1986 Lauceles 146 Collect
4.	PRINTED Name: アロハヤ(おにば、 ルタレAK
	Address: <u>47% (#56-2012 to the September 2014</u> ZIP Code: <u>7</u> 4/35
	Fhone: 515 842 2450 Emeil: 3 (1410) 1000 1000 1000 1000
_	FRINTED Name: Towny You State State
5.	FHINTED Name: 1 *** Y
	Address: Young Star Mark Transfer Transfer
	Phone: 1/5 6:6 1352 Email: - WORKER DELL CANT
G.	PRINTED Name: STEVE YU
	Address: 1 Telegraph Will ZIP Code: 9911
	Ptrone:Email:

As merchants, employees and residents living and working in North Beach and Telegraph Hill, we support installation of small microcellular antennas at 1500 Grant, 501 Greenwich and 1763 Stockton. These sites will improve wireless communications for our friends and neighbors. We understand that those micro sites are approved by the Health Department, feeding the antennas with less than 15 watts of power (insignificant when compared to a 100-wait light bulb). Hadlo frequency exposure levels are less than from a cordless phone or wireless router for a home computer. The small antennas are generally hidden from the street, and appear similar to small roof vents from above.

	<i>II</i> c	h 1910 4	S MO W
1.	PRINTED Name: 1/4		<u> </u>
	Address: 1517 STOCK TOM ST.	_ZIP Codet	94135
	Phone:Email:		
2.	PAINTED Name: 2090 Pari		
	Address: SSSA VIVON Spre	e_ 4 iP Code:_	9437
	Phone:Email:		
3.	PRINTED Name: Douglas Hom Audress: 278 27th Ave 600	Unionst	Gen As 400
	Address: 27 7 27 PA Aug.	ZIP Code:	44116 99133
	Phone: Email: .		
4.	PRINTED Name: Felix Lew Address: 1534 3074 PAR STILLEN		P97710 %
	Address 1534 3074 PARE HILLEN	_ZIP Code:_	94122 94 13 s
	. Phone;Email;		
5.	PRINTED Name: Nalter Rax	405	(h)
	Address: 414 Columbus	_ZIP C ode S	74132
	Phone:Email;		
6.	PRINTED Namo: Chris No	xon_	
	Address: 43 Bannam	ZIP Code:	94183
	Phone (7/4) 305 89 Emails		

As merchants, employees and residents living and working in North Beach and Telegraph Hill, we do not oppose installation of small microcellular antennas at 1500 Grant, 501 Greenwich and 1763 Stockton. These sites will improve wireless communications for our friends and neighbors. We understand that these micro sites are approved by the Health Department, feeding the antennas with less than 15 watts of power (insignificant when compared to a 100-watt light bulb). Radio frequency exposure levels are less than from a cordless phone or wireless router for a home computer. The small antennas are generally hidden from the street, and appear similar to small roof vents from above

1.	FRINTED Name: TONY CAM
	Addrass: 1570 Stockton zip Code: 941.23
	Phone:
2.	PRINTED Name. (Sara Dunn)
	Addiese: 1865 Stockhon ZIP Code: 94/35
	FhorietEmail:
3	PRINTED Name Tasian LA AK Win v
	Address: 1714 STTY V*TO J 4700 ZIP Code 94133
	Phone: Email:Email:
4.	PRINTED Name: BAISSONA MAJORE
	Address: 1914 STOUGHD ST + ZOTIP Code: 19133
	Phone:Email:
5	PRINTED Name: 1 / / / PAK 75 Page 94133
	Address: 158 Jac 187 7 ZiP Code: 94773
	Phone:
6.	PRINTED Name: BOJUN CHEN
٠.	Address: 346 Valle Jo zip Code: 94133
	Phone:Email: =

As merchants, employoes and residents living and working in North Beach and Telegraph Hill, we support installation of small microcellular antennas at 1500 Grant, 501 Greenwich and 1763 Stockton. These sites will improve wireless communications for our friends and neighbors. We understand that these micro sites are approved by the Health Department, feeding the antennas with less than 15 waits of power (insignificant when compared to a 100-watt light bulb). Fiadio frequency exposure levels are less than from a cordless phone or wireless router for a home computer. The small antennas are generally hidden from the street, and appear similar to small roof vents from above.

this propo	upported by more than 150 residents and merchants in the North Beach area, peal for leading edge infrastructure will provide the quality wireless coverage ents expect in our neighborhood.
1.	PRINTED Namo: Kui Suk
	Address: 539 Fillent & ZIP Coco: 94137
	Phone:
2.	PRINTED Name: FRANCISCO 548CIA
	Address: FOD FILL BERT ZIP Code:
	Phone:Email:
3.	PRINTED Namo: Teresa Wang
	Address: 2175 Mason St ZIP Code: 94153
	Phone:Enail:
4.	PRINTED Name: Valley 1.
	Address: 475 San Ave. 877 ZIP Code: 941/18
	Phone:Email:
5.	PRINTED Names Jenny or Chausthury
	PRINTED Names Jenny er Chausthury Aldress: 1055 Broadury ZIP Code: 44/33
	Phone:Email:
6.	PRINTED Name: Leslie Barnirgz
	Address: 1055 bxxxxlxxxy zip Code: 94/33

Einail:

Prione:

As merchants, employees and residents living and working in North Beach and Tetegraph Hill, we support installation of small microcellular antennas at 1500 Grant, 501 Greenwish and 1763 Stockton. These sites will improve wireless communications for our friends and neighbors. We understand that these micro sites are approved by the Health Department, feeding the antennas with less than 15 watts of power (insignificant when compared to a 100-watt light bulb). Radio frequency exposure levels are less than from a cordless phone or wireless router for a home computer. The small antennas are generally hidden from the street, and appear similar to small roof vents from above.

1.	PRINTED Name: STOR Trans
	Address: <u>744 (MAOA S7</u> . ZIP Code: <u>9413</u> 3
	Phone: Emall:
2.	PRINTED NAME: HOUGE FOLION
	Address: 505 Way ov. Str. 7th Order, 97173
	Phone;Email;
3.	PRINTED Name: EKaterina Alekseenko
	. Address: 1134 Montgomery ZIP Code: 94133
	Phone: 34 76355283 Email: -
4.	PAINTED Namo: Natasha Semyachko
	Address: 1134 Montgomerypip Code: 94133
	Plione:Email:
_	PRINTED Name: Joséal Williamoole
5.	Address: 688 Jom bard Strept ZIP Code: 19137
	Phone:Email;
6.	Audiess: 192 File G- ZIP Code: 99/33
	Address: 792 Filler G- ZIP Code: 99/33
	Phone:

As merchants, employees and residents living and working in North Beach and Telegraph Hill, we support installation of small microcellular antennas at 1500 Grant, 501 Greenwich and 1763 Stockton. These sites will improve wireless communications for our friends and neighbors. We understand that these micro sites are approved by the Health Department, feeding the antennae with less than 15 waits of power (insignificant when compared to a 100-wait light bulb). Radio frequency exposure levels are less than from a cordicas phone or wireless router for a home computer. The small antennas are generally hidden from the street, and appear similar to small roof vents from above.

1.	PRINTED Name: Mitchi Chun
	Address: 474 6 1000 67 97 CA ZIP Code: 94133
	Phone:Email:
2.	PRINTED Name: VOTE CHON
	Address: 474 FARRY ZIP Coce: QQ 133
	Phone:Email:Email:
3.	PRINTED Name: FRANK LEE
	Address: 474 FILD ONT ZIP Codo: 94137
	Phone; Email:
4.	PRINTED Name: ALEN LEE
	Address: 557 A UNION 17 ZIP Code: 94133
	Phone:Email:
5.	PRINTED Name: Randall Gets
	Address: 534 F-1/blu-+ StzIP Cude: 94/33
	Phone:Email:
G.	PRINTED Namo: Min Ling Scelo
	Address: \$35 Files Cont. 740.83
	Phone: Email:

As marchants, employees and residents living and working in North Beach and Telegraph Hill, we support installation of small microcellular antennas at 1500 Grant, 501 Greenwich and 1763 Stockton. These sites will improve wireless communications for our friends and neighbors. We understand that these micro sites are approved by the Health Department, feeding the antennas with less than 15 watts of power (insignificant when compared to a 100-watt light builb). Radio frequency exposure levels are less than from a cordless phone or wireless router for a home computer. The small antonnas are generally hidden from the street, and appear similar to small roof vents from above.

Already supported by more than 150 residents and merchants in the North Beach area, this proposal for leading edge infrastructure will provide the quality wireless coverage that residents expect in our neighborhood. PRINTED Name: TANKS TATAN 1. 2 0 0010Mb0S ZIPONO:94183 MARROY OF RESTORIEN. 4. 1570 STOCKTOA, ZIP Code: 44,33 Phone: MARK VALVI 55. Audress: Phone: PRINTED Name: L # B / N D O 6. Address: 1570 (10/1924 7.19 Code: 14)

WWW.

Yes, let's improve our wireless communications.

As merchants, employees and residents living and working in North Beach and Telegraph Hill, we do not oppose installation of small microcellular entennas at 1500 Grant, 501 Greenwich and 1763 Stockton. These sites will improve wireless communications for our friends and neighbors. We understand that these micro sites are approved by the Hoalth Department, feeding the antennas with less than 15 watts of power (insignificant when compared to a 100-watt light bulb). Radio frequency exposure levels are less than from a cordless phone or wireless router for a home computer. The small antennas are generally hidden from the street, and appear similar to small roof vents from above.

Aiready S	upported by more than 150 residents and merchants in the North Beach area,
this prope	pported by more than 140 residence and metallity markets coverage psai for leading edge infrastructure will provide the quality wheless coverage ents expect in our neighborhood.
tnat resiu	- Pulatil Krinker
1	30133
•	· ·
	Phone ((5 57) - 100 Email (16 WE NOAM BEACH B))
2.	PRINTED Namés B. Riordan
	Address: 6)3 Union St ZIP Code 94/33
	Phone: <u>4/5 _ 3<i>0</i> }_537</u> Emall:
3.	PRINTED NAME: FELSE FROM EV WHENTEY
	Address CTO COLUMNONS ZIP Code: 9412
	- 1 A B C 1/2 IN 1 A D T I IN 1 A D T I A D T I C I
4.	Printed Name: And A State After A Printed A State After A State After A State
	Address. 56 COCUMISCAPECODE: 94133
	Phone 45'-362-277/Email:
	LH BOWLANDE
5.	PRINTLE NAME: DGS AC. 9435
	Address: Other Code
	Phone
6. ·	PRINTED Name: 18 18 18 18 18 18 18 18 18 18 18 18 18
	Address: <u>515 COUNTBUR</u> 711 Cooks. <u>91413</u> 7
	Phone: 4976200 Email:

As merchants, employees and residents living and working in North Boach and Telegraph Hill, we support installation of small microcellular antennas at 1500 Grant, 501 Greenwich and 1763 Stockton. These sites will improve wireless communications for our friends and neighbors. We understand that these micro sites are approved by the Health Department, feeding the antennas with less than 15 wetts of power (insignificant when compared to a 100-watt light bulb). Radio frequency exposure levels are less than from a cordless phone or wireless router for a home computer. The small antennas are generally hidden from the street, and appear similar to small roof vents from above.

1	PRINTED Name: + eva zuado Malle.
	Address 517 Broadway 51 ZIP Code 94133
	Phone: 415 Email: \\\ \(\lambda \) & \(\lambda \) & \(\lambda \) & \(\lambda \) \(
2.	PRINTED Name: ACEX AWADACA
	Address: 314 (Ollaming Su ZIP Code: 14173
	Phone: 650-30343 Email
3	PRINTED Name: Mark Patterson
	Address: 650 Fillbrunt StZP Code: 94/33
	Phone: 415-720-1713 Limair - Migy Ur@Sbrijlobalind
4.	PRINTED Name Mr. 5 Servel
	Address: 650 Filbert St zip codo: 94155
	Phone: 4/6 - 720 - 1712 Aff
5.	PRINTED Name:
	Address. (880 Fillbest ZIP Code: 44133
	Phone: 41 Cmail:
8.	PRINTED Name: Fran au Coi 600
	Address: 657 Filler + ZIP Code: 94155
	Phone:

As merchants, employees and residents living and working in North Beach and Telegraph Hill, we support installation of small microcel ular antennes at 1500 Grant, 501 Greenwich and 1763 Stockton. These sites will improve wireless communications for our friends and neighbors. We understand that these micro sites are approved by the Health Department, feeding the antennas with less than 15 watts of power (ineignificant when compared to a 100-watt light bulb). Redio frequency exposure levels are loss than from a cordless phone or wireless router for a home computer. The small antennas are generally hidden from the street, and appear similar to small roof vents from above.

1	PRINTED Name: DSVACOO SALLO
	Address: 566 (Dunglus ZIP Code: 97133
	Phone:Email:
2.	PRINTED Name: ELIA CAMBARCIA
	Address: 56 CM SEN. ZIP Code: 9413
	Phone: 415 191.1806 Email: ITA · ELYKS @ CAMARC. CAN
3.	PRINTED Name: FLYDON GAMBACEON
	Adoress: <u>916 699 689</u> ZIP Code: <u>9415</u> 3
	Phone:Email;
4.	PRINTED Name: May lee Combina
	Address: (350 Gomest AVE ZIP Code: 44133
	Phone: 677-9888 Email:
5.	PRINTED Name: BURGUENO Su <u>MENAS CO</u>
	Address: 625 Buch St. ZIP Code: 9410 8
	Prone:Email
6.	PRINTED Name: M. (Julian)
	Address: Billy Frant ZIP Code: 7453
	Phone:Email:

As merchants, employees and residents living and working in North Beach and Telegraph Hill, we support installation of small microcellular antennas at 1500 Grant, 501 Greenwich and 1763 Stockton. These sites will improve wireless communications for our friends and neighbors. We understand that these micro sites are approved by the Hoalth Department, feeding the antennas with less than 15 watts of power (insignificant when compared to a 100-watt light bulb). Radio frequency exposure levels are less than from a cordless phone or wireless router for a home computer. The small antennas are generally hidden from the street, and appear similar to small roof vents from above.

1.	PRINTED Name: (astes Rojas
	Address: 404 Bloddown ZIP Code: 94/38
	Prione: 4/5Email:
2.	PRINTED Name: DIDNISTO FERNANDO
2.	Address. 470 BROADWAY ZIP Code: 94133
	•
	Phone:Email:
J.	PRINTED Name: 180 MOVO
	Address: 40 7- (5100 June 77) ZIP Code: 94/37
	Phone: 415 153-1328 Email:
	•
4.	PRINTED Name: Brandon Lobera
	Address: 371 Columbus Ave. ZIP Code: 44133
	Phone: <u>(520) 277.2781 Emal:</u>
5.	PRINTED Name: Dennis anabria
۷,	Address: 371 Columbus Ave ZIP Code: 94133
	Phone: <u>(562)862-0082-</u> Email:
6.	PRINTED Name: Finnes Kurdi
	Address: 550 Brown way 5+ ZIP Code: 924123
	Phone: 생성~3 27 년3 / a Email:

As merchants, employees and residents living and working in North Beach and Telegraph Hill, we support installation of small microcellular antennas at 1500 Grant, 501 Greenwich and 1763 Stockton. These sites will improve wireless communications for our friends and neighbors. We understand that these micro sites are approved by the Health Department, feeding the antennas with less than 15 watts of power (insignificant when compared to a 100-watt light bulb). Radio frequency exposure levels are less than from a cordioss phone or wireless router for a home computer. The small antennas are generally hidden from the street, and appear similar to small roof vents from above.

i,	PRINTED Name: <u>ნაკიი CRIGARER</u>
	Address: <u>52 G-840F- PLACE</u> ZIP Code: <u>9413</u> 3
	Phone:Email:
2,	PRINTED Name: Max Roher
	Address: (2 / 1/3 / ZIP Code: (4!33)
	Phone:Email:
3.	PRINTED Name: Down CARCIOTORE
	Address: 570 Union St. 712 Code: 94133
	Phone:Email:
4.	PRINTED Name: Nick Rougho
	Address:
	Phone:Email;
5	PRINTED Name: Homman Jannah
	Address: <u>III & COUMBUS</u> ZIP Code: <u>QK</u> 135
	Phone:Email:
G.	PRINTED Name: A Adom'S
	Address: 5 (No Columnia ZIP Code: 94 133
	Phone:Email:

As merchants, employees and residents fiving and working in North Beach and Telegraph Hill, we support installation of small microcellular antennas at 1500 Grant, 501 Greenwich and 1763 Stockton. These sites will improve wireless communications for our friends and neighbors. We understand that these micro sites are approved by the Health Department, feeding the antennas with less than 15 walts of power (insignificant when compared to a 100-watt light bulb). Radio frequency exposure levels are less than from a cordless phone or wireless router for a home computer. The small antennas are generally hidden from the street, and appear similar to small roof vents from above.

1.	PRINTED Name: - YMAN WI	- <u>-</u>
	PRINTED Name: 4 YMMAN W.C. Address: 805 BruAdwill	74 ZIP Cocc. 94/33
	Phone:Email;	
2	PRINTED Name: 6 4484 4/	
	PRINTED Name: 6 448/4 C/ Address: /// ////////////	ZIP Code: #1/08
	Phone:Email:	
2.	PRINTED Name: Claire Boro	(esm
	Address: 22.90. 15 3 51 - 1/3	ZIP Code: 14114
	Phone:Email:	
4.	PRINTED Name:	
	Address:	
	Phone Emai':	
5.	PRINTED Name	
	Address:	
	Phone:Email:	
6.	PRINTED Name:	•
	Address:	
	Phone:Email:	

As merchants, employees and residents living and working in North Beach and Telegraph Hill, we do not oppose installation of small microcellular antennas at 1500 Grant, 501 Greenwich and 1763 Stockton. These sites will improve wheless communications for our friends and neighbors. We understand that these micro sites are approved by the Health Department, feeding the antennas with less than 15 watts of power (insignificant when compared to a 100-watt light bulb). Radio frequency exposure levels are less than from a cordless phone or wireless router for a home computer. The small antennas are generally hidden from the street, and appear similar to small roof vents from above.

1.	PRINTED Name: BETROLE BLACK
	Address: 122 Cycle St. ZIP Code:
	Phone: <u>५.15 .244 Yor6</u> Email:
2.	PRINTED Name. Drive (FAZ LET)
	Address: 674 Green St ZIP Code:
	Phone: 4/5 6/57/53 Email:
Э.	PRINTED Name. (HAREE LORI)
	Address: 418 (11/101) St ZIP Code:94/83
	Phone 4/5 5/15765 Email:
4.	PRINTED Name: HYUN YOU
	Address: 809 MANTECURRY ST ZIP Cade: 94133
	Phone: (411) 982-6663 Email:
5.	PRINTED Name: East Hwan Foo
	Address: 809 Montgomery st ZIP Code: 94133
	Phone:Email:
6.	PRINTED Name:
	Address:ZIP Code:
	Phone: Email:

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Already supported by more than 150 residents and merchants in the North Beach area,

	osal for leading edge intrastructure will provide the quality wireless.	coverage
Tat resi	dents expect in our neighborhood	CHHILL
1.	PRINTED Name: Light Form	Employe
	Address: 650 f. Lett 7/19 Code: 99/33	
	Phone:	(CARTLETIAN)
2.	PRINTED Name / NG 3-4	<u> </u>
	Address: 25 6 41 Kert ZIP Code: 94137	
	Phoné:	- \/
3.	PRINTED Name: 1/10/11/1 Squa al	
	Address: 650 filbert zip Code: 94133	>
	Phone:Emsil:	_
۷	PRINTED Name: Juan Capas.	
	Address: 650 FM/6004 ZIP Code: 991 33	
	Phone:Email:	-
5.	PRINTED Name: DENCIE (CUESS	
	Address: 160 5706)(741 zip.Code: 94183	
	Phone:Email:	_
e.	PRINTED Name: Laneur Valour	
	Address: 1645 998 (18704 ZIP Code: 99123	
	Dhana E7	

Google Map



1500 Grant Ave.

T-Mobile's Existing 3G Coverage (Drive Test)



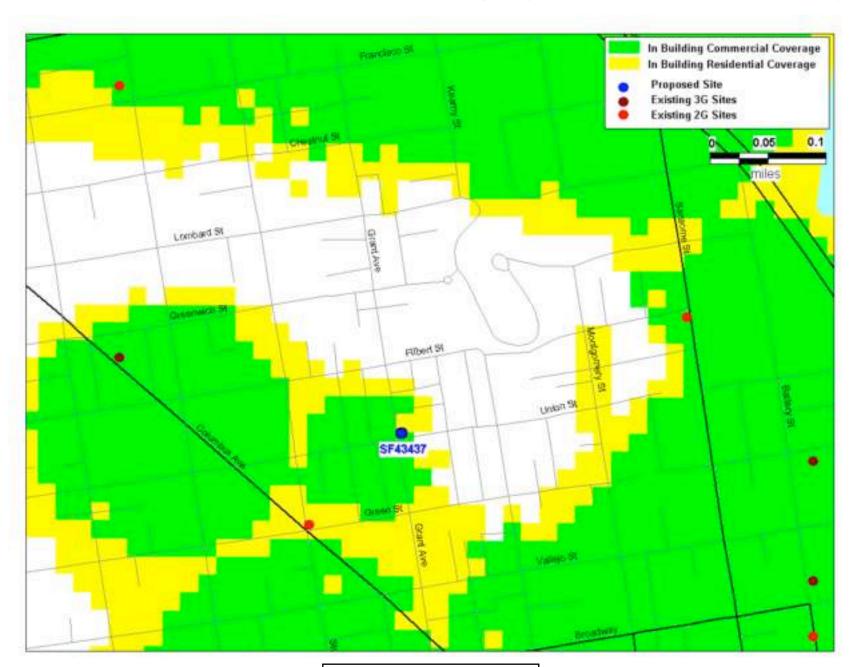
1500 Grant Ave.

T-Mobile's Existing 3G Coverage



1500 Grant Ave.

T-Mobile's proposed 3G Coverage (SF43437-MEA CINIS)



1500 Grant Ave.

Google Map



T-Mobile's Existing 3G Coverage (Drive Test)



1763 Stockton St.

T-Mobile's Existing 3G Coverage



1763 Stockton St.

T-Mobile's proposed 3G Coverage (SF23211B-Francisco Launderette)



1763 Stockton St.

Google Map

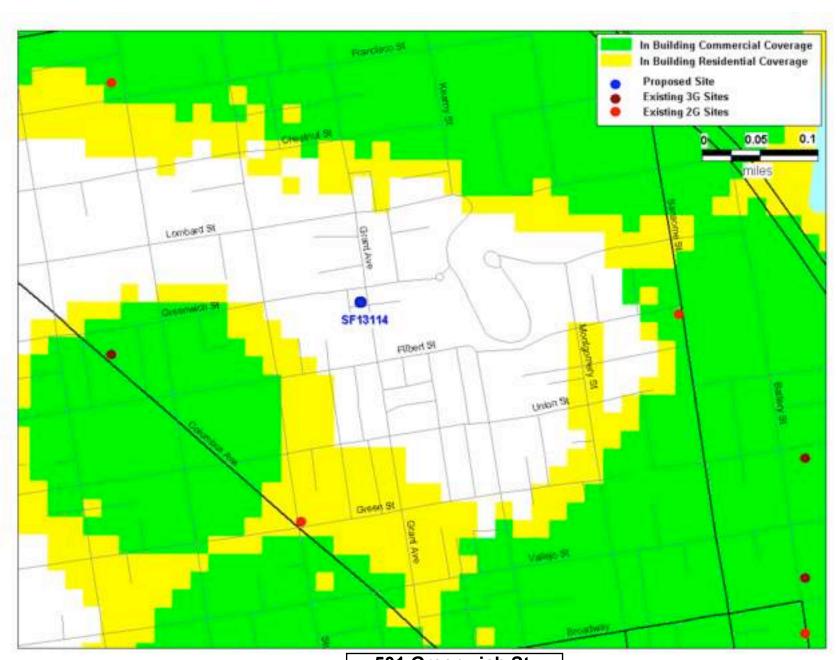


T-Mobile's Existing 3G Coverage (Drive Test)



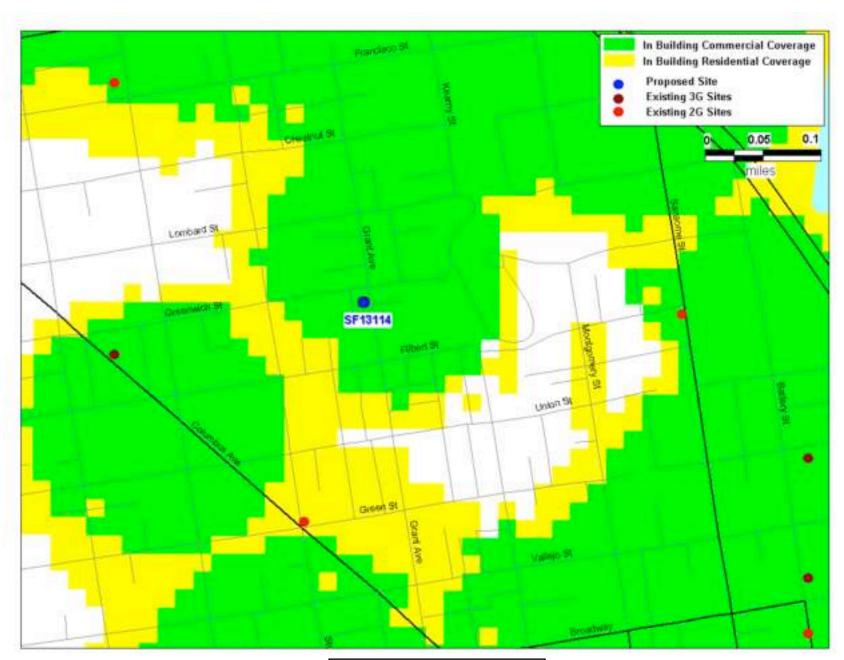
501 Greenwich St.

T-Mobile's Existing 3G Coverage



501 Greenwich St.

T-Mobile's proposed 3G Coverage (SF13114B-501 Greenwich)



501 Greenwich St.



SF13114 Alternative Site Analysis

<u>Coverage Objective</u>: Provide 3G in-building residential and commercial coverage in the northwestern portion of the Telegraph Hill area as more specifically defined below

Primary Candidate: 501 Greenwich St. (aka 1653 Grant Ave.)

The enclosed Alternative Site Analysis supplements our current record which identifies alternative locations that were considered by T-Mobile but ultimately found to be infeasible candidates for a variety of reasons. The list of potential alternative site locations is unusually small because this neighborhood consists almost entirely of solely residential buildings. While the neighborhood is primarily residential with few commercial establishments, it is located directly beneath Coit Tower and receives regular tourist foot traffic.

T-Mobile has identified a significant gap in its 3G indoor residential and commercial coverage in the North Beach District of San Francisco bounded by Chestnut St. to the north, Telegraph Hill Blvd. to the east, Grant Ave. to the west and Filbert St. to the south and seeks to install a new facility to fill the gap in coverage. The primary candidate for this search area is a mixed use commercial/residential building located at 501 Greenwich St. (at the intersection of Grant Ave.). The "microcell" proposal at this location (one antenna hidden with a vent-like enclosure) constitutes the least intrusive means of filling the significant gap in 3G coverage because it minimizes visual impacts, meets the coverage objective, and is proposed on a mixed use building which is favored by the City of San Francisco over solely residential buildings which constitute the majority of the search area.

In addition to the proposed location, T-Mobile researched the following alternate locations within the search area. The below candidates were proven to be infeasible due to a number of factors ranging from land use incompatibility, potential visual impacts, inability to meet coverage objectives, and lack of landlord interest.

- 1. 290 Lombard St.
- 2. 847 Greenwich St.
- Pioneer Park
- 4. Garfield Elementary School

Report prepared by Joe Camicia Permit Me, Inc, Agent for T-Mobile West Corporation

Alternative 1 - 290 Lombard St.

Address: 290 Lombard St.

APN: 0060/007

Location: Northeast corner of Lombard St. and

Kearny St.

Zoning District: RM-2 (Residential, Mixed

District - Moderate Density)

Height/Bulk District: 40-X

Historic/Conservation District: None

Year Built: 1940



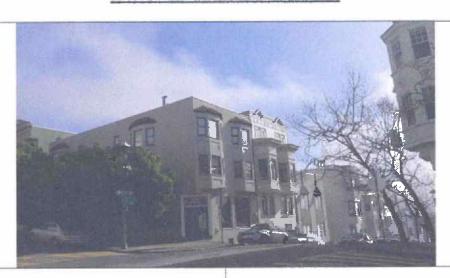


This building has a number of vertical rooftop elements that would allow antenna facilities to blend with the existing rooftop environment better than most other buildings in the area.

However this building is an entirely residential building and is zoned RM-2 (a residential district), which renders the building a "disfavored site" according to

San Francisco's Wireless Telecommunications Siting Guidelines. Additionally, the building has been determined to be technologically infeasible due to the building's height relative to the surrounding coverage area. Installing an antenna facility at this height (more than 80 feet above grade) will create interference within the existing network, thus undermining any positive gains that might be made in currently underserved areas.

Alternative 2 – 847 Greenwich St.



Address: 487 Greenwich St.

APN: 0087/047

Location: Southeast corner of Greenwich

St. and Grant Ave.

Zoning District: RH-3 (Residential, House

District - 3 Family)

Height/Bulk District: 40-X

Historic/Conservation District: None

Year Built: 1933

This building is located directly across Grant Ave. from 501 Greenwich St., T-Mobile's primary candidate. The subject building is located towards the western edge of the search area and will only reach 85% of our coverage objective due to partial blockages to the north and west.

The subject building, like most buildings in the immediate area, does not have any vertical rooftop features that would allow a new antenna facility to blend with the existing rooftop environment. An antenna facility at this location would likely mirror the proposal at the primary candidate, which would include concealing one panel antenna within a 10-inch vent-like enclosure on the building's rooftop. Because the primary candidate contains other existing vents on its rooftop, the proposed antenna facility will likely blend in with the existing vents more than it would on the rooftop of 487 Greenwich St.

Lastly, the homeowner's association for the subject building has indicated that they are not interested in leasing space to T-Mobile for a new facility at this location.

Alternative 3 - Pioneer Park



Address: 280 Telegraph Hill

APN: 0079/008

Location: On top of Telegraph Hill and

surrounding Coit Tower

Zoning District: P (Public)

Height/Bulk District: N/A

Historic/Conservation District: None

Year Built: N/A

A proposed antenna facility within Pioneer Park would involve a new vertical structure (i.e. a monopole or faux tree structure) approximately 35-40 feet tall in order to reach the coverage objectives and avoid being obstructed by existing trees or surrounding structures. A new vertical element of this height would be more intrusive than attaching new antennas to an existing structure. Additionally, the park is directly adjacent to Coit Tower, a San Francisco landmark.

Similar to Alternative No. 1, The park's significantly elevated position relative to the intended coverage area renders it technically infeasible.

Alternative 4 - Garfield Elementary School



Address: 420 Filbert St.

APN: 0087/028

Location: On Filbert St. just beneath

Pioneer Park

Zoning District: P (Public)

Height/Bulk District: OS/40-X

Historic/Conservation District: None

Year Built: 1981

Garfield Elementary school offers an ideal location to reach a large portion of the desired coverage area due its central position within the intended coverage area. Unfortunately, the site is a public elementary school within the San Francisco Unified School District (SFUSD), which has a blanket policy that prevents it from leasing space to wireless service providers. T-Mobile has made numerous unsuccessful efforts to lease space at other SFUSD sites throughout San Francisco.

While there might be opportunities to utilize existing rooftop elements to conceal the antennas to some degree, antenna proposals on schools have often resulted in a high degree of opposition in the past. The school's elevated position relative to the coverage area may have also caused some interference within the existing network, though perhaps to a lesser degree than Alternatives Nos. 1 and 3.

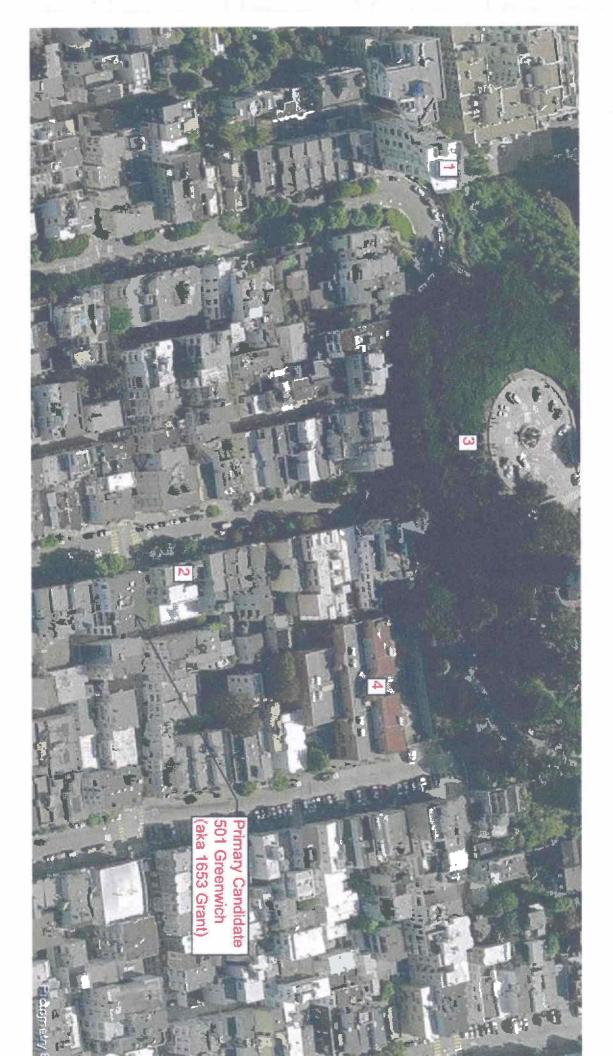


Photo of Site from Grant Ave. and Greenwich St.



Photo of Site from Greenwich St. just West of Grant Ave.

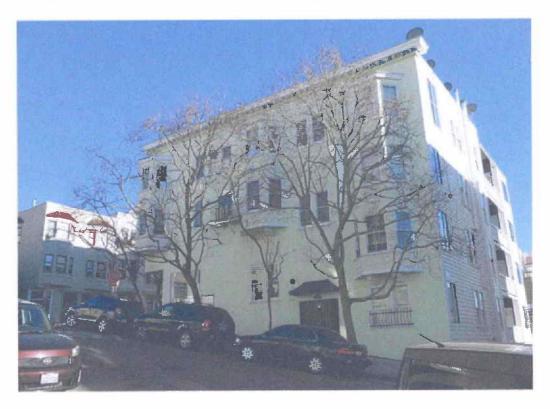


Photo Looking South from Grant Ave. just North of Greenwich St.



Photo Looking Southwest from Greenwich St. just East of Grant Ave.

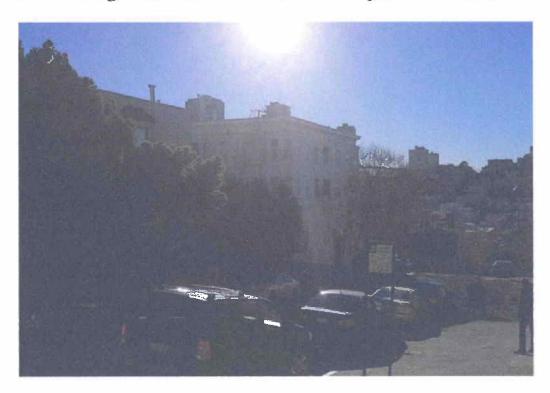
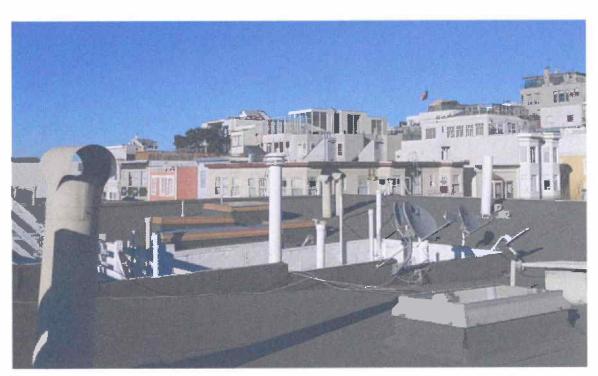


Photo Looking North on Grant Ave. near Filbert St.



Photo of 501 Greeniwch Rooftop Including Faux Vent



T-MOBILE WEST CORPORATION

T - Mobile -

1855 GATEWAY BLVD 9TH FLOOR CONCORD, CA 94520

501 GREENWICH

SF13114B

PROJECT DESCRIPTION

A (N) UNMANNED TELECOMMUNICATION FACILITY CONSISTING OF A (N) 5' X 8' LEASE AREA W/ (1) (N) 2308 BTS CABINETS & (1) (N) MCPA ON A (N) H-FRAME & A (N) FRP FAUX VENT W/ A (N) T-MOBILE ANTENNA.

PROJECT INFORMATION

SITE #:

POWER:

JURISDICTION:

TELEPHONE:

SF13114B

PG&E

T-MOBILE

SAN FRANCISCO

SITE NAME: COUNTY:

501 GREENWICH

SAN FRANCISCO COUNTY

0088-001

501 GREENWICH ST

SAN FRANCISCO, CA 94133

CURRENT ZONING: RM-2

CONSTRUCTION TYPE: IV, NO SPRINKLERS

OCCUPANCY TYPE:

PROPERTY OWNER:

APN:

SITE ADDRESS:

JONATHAN D. BUCKLEY TRUST PO BOX 597006 SAN FRANCISCO CA 994159 CONTACT: ERICK BJORN 3634 SACRAMENTO ST SAN FRANCISCO CA 94159

APPLICANT:

T-MOBILE WEST CORPORATION CONCORD, CA 94520-3200

ATTN: JIM JAGGERS PERMIT ME INC 3850 23RD STREET SAN FRANCISCO CA 94114

(916) 213-8407

ZONING CONTACT:

LEASING CONTACT:

ATTN: JOE CAMICIA PERMIT ME INC 3850 23RD STREET SAN FRANCISCO, CA 94114 (415) 722-1183

CONSTRUCTION CONTACT:

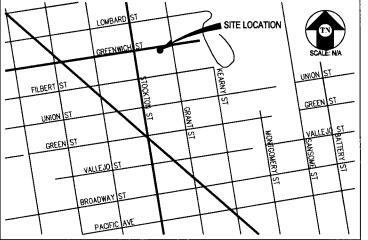
ATTN: KRESSTON HAYNES SITE SERVICES LLC 100 TOWER ROAD AMERICAN CANYON, CA 94503

(209) 938-7251

LATITUDE: LONGITUDE N 37" 48' 08.29" NAD 83 W 122' 24' 29.17" NAD 83

±164.2'

VICINITY MAP



DRIVING DIRECTIONS

1855 GATEWAY BLVD, CONCORD, CA 94520-3200 501 GREENWICH ST SAN FRANCISCO, CA 94133

	START OUT GOING SOUTHEAST ON GATEWAY BLVD	0.0 MI
	TURN SLIGHT RIGHT ONTO CLAYTON RD	0.3 MI
3.	MERGE ONTO CA-242 S	1.0 MI
4.	MERGE ONTO I-680 S VIA THE EXIT ON THE LEFT TOWARD OAKLAND/SAN JOSE	3.5 MI
5.	MERGE ONTO CA-24 W TOWARD OAKLAND/LAFAYETTE	13.6 N
	MERGE ONTO 1-580 W TOWARD SAN FRANCISCO	1.5 MI
	MERGE ONTO 1-80 W VIA THE EXIT ON THE LEFT TOWARD	
	SAN FRANCISCO (PORTIONS TOLL)	6.8 M
Я	TAKE THE FREMONT ST EXIT	0.4 MI
	TAKE THE FREMONT ST RAMP	0.1 MI
	TURN LEFT ONTO FREMONT ST	0.3 MI
	FREMONT ST BECOMES FRONT ST	0.1 Mi
	TURN LEFT ONTO PINE ST	0.1 MI
	TURN RIGHT ONTO SANSOME ST	0.3 MI
	TURN LEFT ONTO WASHINGTON ST	0.1 MI
	TURN SLIGHT RIGHT ONTO COLUMBUS AVE	0.4 MI
	TURN SLIGHT RIGHT ONTO COLOMBOS AVE	0.4 MI
17.	TURN RIGHT ONTO GREENWICH ST	0.1 MI
END	AT 501 GREENWICH ST SAN FRANCISCO, CA 94133-2918	
EST	MATED TIME: 37 MINUTES ESTIMATED DISTANCE: 28.73 MILES	

CODE COMPLIANCE

ALL WORK & MATERIALS SHALL BE PERFORMED & INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES:

- 1. 2007 CALIFORNIA ADMINISTRATIVE CODE (INCL. TITLES 24 & 25)
- 2. 2007 CALIFORNIA BUILDING CODE
- 3. 2007 CALIFORNIA ELECTRICAL CODE
- 4. 2007 CALIFORNIA MECHANICAL CODE
- 5. 2007 CALIFORNIA PLUMBING CODE
- 6 2007 CITY OF SAN FRANCISCO FIRE CODE
- 7 LOCAL BUILDING CODES
- 8. CITY/COUNTY ORDINANCES
- 9. ANSI/EIA-TIA-222-F

ALONG WITH ANY OTHER APPLICABLE LOCAL & STATE LAWS AND REGULATIONS

HANDICAP REQUIREMENTS

THIS FACILITY IS UNMANNED & NOT FOR HUMAN HABITATION. HANDICAPPED ACCESS & REQUIREMENTS ARE NOT REQUIRED IN ACCORDANCE WITH CALIFORNIA STATE ADMINISTRATIVE CODE, TITLE 24 PART 2, SECTION 1105B.3.4.2, EXCEPTION 1

	SHEET INDEX			APPROVAL
l	SHEET	DESCRIPTION	REV	
	T-1 T-2 T-3 T-4 LS-1 A-1 A-2 A-3 A-4 A-5 E-1	TITLE SHEET FIRE DEPARTMENT CHECKLIST SIGNAGE DETAILS EMF REPORT / AUP LETTER SURVEY SITE PLAN ENLARGED SITE PLAN DETAILS ELEVATION ELEVATION ELECTRICAL PLAN GROUNDING PLAN & DETAILS	B B B B B A A	RF LEASING ZONING CONSTRUCTION T-MOBILE RF MGR

501 **GREENWICH**

SF13114B 501 GREENWICH ST SAN FRANCISCO, CA 94133

ISSUE STATUS				
Δ	DATE	DESCRIPTION	BY	
	06-12-09	CD 90%	_	
	06-25-09	CD 100%	-	
Α	02-18-10	CD 100%	CL	
В	05-07-10	CD 100%	CL	
	-	-	_	
DR	AWN BY:	C. SYLVESTE	R	
CHECKED BY: APPROVED BY:		L. HOUGHTBY		
		B. McCOMB		
DA	TE:	05/07/10		





-Mobile-1855 GATEWAY BLVD 9TH FLOOR CONCORD, CA 94520 H

SHEET TITLE: TITLE SHEET NUMBER: T-1

SAN FRANCISCO FIRE DEPT CHECKLIST - PAGE 1 OF 4

2.06 PERMIT APPLICATION CHECKLIST FOR CELLULAR ANTENNA COMPLETE 5. Notice to Workers warning signage as applicable per the above RF Report: SITES AND ALL EQUIPMENT SERVING THE CELLULAR ANTENNA SITE

This checklist shall be printed on a drawing sheet and submitted as part of the plans submitted with any building permit application creating or modifying cellular antenna sites regardless of RF emission quantities. This checklist is designed to assist designers, installers, plan reviewers, and field inspectors. This checklist shall be prepared by the design professional and shall be stamped and wet-signed.

This document is not all-inclusive of all requirements for cellular antenna sites and it is the responsibility of the designer to research the applicable codes. Documents referenced for this bulletin are as follows:

FCC OET Bulletin 56 - Questions and Answers about Biological Effects and SEE T-3 Potential Hazards of Radiofrequency Electromagnetic Fields (August 1999) FCC OET Bulletin 65 - Evaluating Compliance with FCC Guidelines for Human SEE A-1 & A-2 Exposure to Radiofrequency Electromagnetic Fields (Ed. 97-01:August 1997) FCC - A Local Government Official's Guide to Transmitting Antenna RF Emission Safety: Rules, Procedures, and Practical Guidance (June 2, 2000)

2007 California Building Code (2007 CBC) 2007 California Fire Code (2007 CFC)

2007 California Mechanical Code (2007 CMC)

2007 San Francisco Fire Code (2007 SFFC) 2002 NFPA 13 Automatic Sprinkler Systems

2002 NEPA 72 National Fire Alarm Code

an engineer.

COMPLETE 1. Description of scope of work (both on the application and plans) shall SEE T-1 match the actual work being done.

COMPLETE 2. Plans shall include plan views and elevations showing all equipment SEE A-1 THRU A-5 locations and cable runs.

<u>COMPLETE</u> 3. Submit on a drawing sheet the San Francisco Health Department Cellular Antenna Site (WTS) Checklist/Proposal/Engineer's RF Report. The FCC requires carriers to Inform and prevent occupational exposure (i.e. building locking the roof access door to keep the general public off of the roof per

COMPLETE 4. Drawings shall reflect the striped/exclusion areas per the above RF Report N/A

SAN FRANCISCO FIRE DEPT CHECKLIST - PAGE 2 OF 4

Signage shall be in English, Mandarin and Spanish; The signage shall be permanently mounted at the stairwell side of the roof-access stairwell, door, in the Fire Control Room within proximity of the cell-site shutdown signage and any other space necessary to warn workers (ie. parapets, street side of fire escapes); The signage shall be clearly labeled and visible from any direction of approach; The sign shall be weatherproof with contrasting background and lettering colors and shall be readable from at least fifteen (15) feet from the sign; There is a yellow triangle around the antenna symbol (see ANSI C95.2-1999); and Location and signage detail with site specific information shall be included on a drawing sheet.

COMPLETE 6. Provide a quantitative three-dimensional perimeter of the RF levels if the N/A antennas appear to encroach on any means of exiting.

7. Camouflaged antennas shall have 4inch x 4inch signage permanently mounted to the exterior of the RF screen as provided below. These antennas shall also have the stripped exclusion area to the fullest extent of the antenna location with a minimum radius of 1 foot:

The signage shall be clearly labeled and visible from any direction of approach even if access is achieved from the building face (i.e. ladders, cherry picker, etc.); The sign shall be weatherproof with contrasting background color and shall be recognizable from at least fifteen (15) feet from the sign: The sign shall contain the vellow triangle around the antenna symbol (see ANSI C95.2-1999); and Location and signage detail shall be included on a drawing sheet.

COMPLETE 8. Plans shall show whether a new electrical service is installed for the cell site. In general, buildings should only have one electrical service. However, with the prior approval of the San Francisco Fire Department and the Electrical Inspection Division, buildings may have one additional service to serve rooftop antenna equipment, provided a permanent placard is provided at the location of each service disconnect stating the location of the other and identifying the equipment served by each service.

COMPLETE 9. Provide route of all cables from their origin to the equipment (plan, maintenance workers, fire fighters, etc.) The RF report shall not specify SEE A-1 THRU A-5 elevation and section views). Cables/wiring shall not be allowed in exit enclosures or in front of dry standpipes (2007 CBC 1020.1.1).

Provide a manual battery disconnect: * Instructional signage shall be provided on the Procedure To Disconnect or De-Energize Radio Frequency (RF) Signal for the above manual disconnect for the batteries.

SAN FRANCISCO FIRE DEPT CHECKLIST - PAGE 3 OF 4

* Signage shall be permanently mounted next to the battery's electrical panel and clearly labeled in a phenolic label with a white background and black lettering. The title block shall be a red background and 1" high white lettering.

* The actual breaker(s) shall be a phenolic label (red background and white lettering) with lettering not less than 1/8" high.

* The signage shall also be like posted in the FCC Room within proximity of the Fire Alarm Panel and building's main electrical room within proximity of the main shutoff.

* A copy of the signage shall be included on a drawing sheet. N/A

* Provide SFFD approved key lock box for equipment/electrical room for battery/equipment shutdown. * The permanently mounted label above the lock box shall read "SFFD. BATTERY DISCONNECT ACCESS KEY" and shall be a phenolic label with a

red background and white lettering * Location and label of the key lock box shall be included on a drawing

sheet.

Provide 24 hour/7 days a week telephone service center shut-down:

SEE T-4

* Provide Instructional signage for emergency shutdown of the cell site including telephone number and cell site identification number. * The sign shall state that there is no manual shut down for the cell site

and to call the contact number (the number shall be printed on the sign) with the site identification number (the number shall be printed on the sign) for immediate shut-down of the site 24hr/7days a week.

* The sign shall also state whether or not the back-up battery power to the antennas is also shut-down. * The signage shall be permanently mounted next to the main electrical

shut-off, in the FCC room within close proximity to the Fire Alarm Panel, at the battery cabinet and at the equipment room. * The sign shall be clearly labeled in a phenolic label with a white

background and black lettering. The title block shall be a red background and 1" high white lettering.

* A copy of the signage shall be included on a drawing sheet.

__11. Is a new HVAC system being installed?

* What is the volume of refrigerant used by the cooling unit(s)?

* What is the type of refrigerant per 2007 CMC?

* Assure compliance with 2007 CFC Section 606.

__12. Plans state sequence of operations for any new detection, dampers, or

SAN FRANCISCO FIRE DEPT CHECKLIST - PAGE 4 OF 4

— 13. Plans shall clearly show locations of batteries and battery cabinets.

COMPLETE 14. Plans shall state whether the building is fully sprinklered or not.

NO 15. In fully sprinklered buildings, equipment rooms shall be provided with sprinklers in accordance with NFPA 13.

16. Provide a table on a drawing sheet showing the manufacturer, model, type, amount (gallons or pounds) of electrolyte, flooded lead acid, Ni-Cd, VRLA or Li-ion. Please show detailed compliance with 2007 CFC Section 608 on the drawing sheets. When compliance with Section 608 of the 2007 California Fire Code is required, the following additional information shall be provided:

* Rooftop battery rooms exceeding the above requirements shall be separated from the building and any openings as specified by the 2007 CBC and CMC.

* Plans state that a separate fire department permit will be obtained from SFFD Headquarters at 698 2nd St.

Prepared by: Mr. Bret McComb, PE

(Please include professional title and stamp)

STREAMLINE ENGINEERING & DESIGN, INC. Firm Name:

Address: 11768 ATWOOD RD, SUITE 20 AUBURN, CA 95603

Phone Number: 1-530-368-0532

For further Information see the FCC website: http://www.fcc.gov/oet/rfsafety or contact the

San Francisco Fire Department

1660 Mission Street, 4th Floor San Francisco, CA 94103 (415) 558-6187

501 GREENWICH

SF13114B 501 GREENWICH ST SAN FRANCISCO, CA 94133

		ISSUE	STATUS		
	Δ	DATE	DESCRIPTION	BY	
		06-12-09	CD 90%	-	
		06-25-09	CD 100%	-	
	Α	02-18-10	CD 100%	CL	
	В	05-07-10	CD 100%	CL	
		-	_	-	
				-	
	DRAWN BY:		C. SYLVESTER		
	CHECKED BY:		L. HOUGHTBY		
	APPROVED BY		B. McCOMB		
DATE:		IF:	05/07/10		





T--Mobile 돈 1855 GATEWAY BLVD 9 CONCORD, CA 94520

SHEET TITLE: FIRE DEPARTMENT CHECKLIST SHEET NUMBER:

SIGNAGE AND STRIPING INFORMATION

- 1. THE FOLLOWING INFORMATION IS A GUIDE LINE WITH RESPECT TO PREVAILING STANDARDS LIMITING HUMAN EXPOSURE TO RADIO FREQUENCY ENERGY AND SHOULD BE USED AS SUCH, IF THE SITE'S EMF REPORT OR ANY LOCAL, STATE OR FEDERAL GUIDELINES OR REGULATION SHOULD BE IN CONFLICT WITH ANY PART OF THESE NOTES OR PLANS, THE MORE RESTRICTIVE GUIDE LINE OR REGULATION SHALL BE FOLLOWED AND OVER RIDE THE LESSER.
- 2. THE PUBLIC LIMIT OF RF EXPOSURE ALLOWED BY T-MOBILE IS 1mWcm2 AND THE OCCUPATIONAL LIMIT OF RF EXPOSURE ALLOWED BY T-MOBILE IS 5mWcm2
- 3. IF THE BOTTOM OF THE ANTENNA IS MOUNTED (8) EIGHT FEET ABOVE THE GROUND OR ROOF LINE OF THE PERSONAL COMMUNICATION SYSTEM (PCS) AND DOSE NOT EXCEED THE PUBLIC LIMIT OF RF EXPOSURE LIMIT THEN NO STRIPING OR BARRICADES SHOULD BE
- 4. IF THE PUBLIC LIMIT OF RF EXPOSURE ON THE SITE IS EXCEEDED AND THE AREA IS PUBLICLY ACCESSIBLE (e.g. ROOF ACCESS DOOR THAT CANNOT BE LOCKED OR HAVING A FIRE EGRESS), THEN BOTH BARRICADES AND STRIPING WILL BE NEEDED AROUND THE ANTENNAS. THE EXACT EXTENT OF THE BARRICADES AND STRIPING WILL BE DETERMINED BY THE EMF REPORT FOR THE SITE DONE BEFORE OR SHORTLY AFTER THE CONSTRUCTION OF THE SITE. USE THE PLANS AS A GUIDE LINE FOR PLACEMENT OF SUCH BARRICADES AND
- 5. IF THE PUBLIC LIMIT OF RF EXPOSURE ON THE SITE IS NOT EXCEEDED AND THE AREA IS NOT PUBLICLY ACCESSIBLE (e.g. ROOF ACCESS DOOR IS LOCKED), THEN JUST STRIPING OUT TO THE PUBLIC LIMIT WILL BE NEEDED AROUND THE ANTENNAS. THE EXACT EXTENT OF THE STRIPING WILL BE DETERMINED BY THE EMF REPORT FOR THE SITE DONE BEFORE OR SHORTLY AFTER THE CONSTRUCTION OF THE SITE. USE THE PLANS AS A GUIDE LINE FOR PLACEMENT OF SUCH
- 6. ALL TRANSMIT ANTENNAS REQUIRE A (3) THREE LANGUAGE WARNING SIGN WRITTEN IN ENGLISH, SPANISH, AND CHINESE. THIS SIGN WILL BE PROVIDED TO THE CONTRACTOR BY THE T-MOBILE CONSTRUCTION MANAGER AT THE TIME OF CONSTRUCTION. THE LARGER SIGN SHALL BE PLACED AT ALL ROOF ACCESS LOCATIONS AND ON ALL BARRICADES IN PLANE SITE AND THE SMALLER SIGN SHALL BE PLACED ON THE ANTENNAS THEMSELVES OR ON THE OUTSIDE OF THE ANTENNA ENCLOSURES IN A MANNER THAT IS EASILY SEEN BY ANY PERSON ON THE ROOF. WARNING SIGNS SHALL COMPLY WITH ANSI C95.2 COLOR, SYMBOL, AND CONTENT CONVENTIONS. ALL SIGNS WILL HAVE T-MOBILE'S NAME AND THE COMPANY CONTACT INFORMATION (e.g. TELEPHONE NUMBER) TO ARRANGE FOR ACCESS TO THE RESTRICTED AREAS. THIS TELEPHONE NUMBER WILL BE PROVIDED TO THE CONTRACTOR BY THE T-MOBILE CONSTRUCTION PROJECT MANAGER AT THE TIME OF CONSTRUCTION
- 7. PHOTOS OF ALL STRIPING, BARRICADES, AND SIGNAGE WILL BE PART OF THE CONTRACTORS CLOSE OUT PACKAGE AND WILL BE TURNED. INTO THE T-MOBILE CONSTRUCTION PROJECT MANAGER AT THE END OF CONSTRUCTION. STRIPING SHALL BE DONE WITH FADE RESISTANT YELLOW SAFETY PAINT IN A CROSS HATCH PATTERN. ALL BARRICADES SHALL BE MADE OF AN RF FRIENDLY MATERIAL SO THAT THEY DO NOT BLOCK OR INTERFERE WITH THE OPERATION OF THE SITE AND SHALL BE PAINTED WITH FADE RESISTANT YELLOW SAFETY PAINT. THE CONTRACTOR SHALL PROVIDE ALL RF FRIENDLY BARRICADES NEEDED AND SHALL PROVIDE THE T-MOBILE CONSTRUCTION PROJECT MANAGER WITH A DETAILED SHOP DRAWING OF EACH BARRICADE
- 8. ALL REQUIRED SIGNAGE WILL BE INSTALLED AS NEEDED AND FIELD



NOTICE TO WORKERS

RADIO FREQUENCY ANTENNAS ON THIS ROOF. PLEASE EXERCISE CAUTION AROUND ANTENNAS AND OBEY POSTED SIGNS AND/OR MARKINGS, FOR ACCESS TO RESTRICTED AREAS OR FOR FURTHER INFORMATION, PLEASE CALL 1-888-662-4662 (SITE NUMBER: SF13114B)

IN ACCORDANCE WITH FCC RULES 47 CFR 1.1310

AVISO A TRABAJADORES

EXISTEN ANTENAS DE RADIOFREQUENCIA EN ESTE TECHO. POR FAVOR USE PRECAUCION ALREDOR DE LAS ANTENAS Y OBEDEZCA A LAS ZONAS RESTRINGIDAS O PARA OBTENER MAS INFORMACION, LLAME AL TELEFONO 1-888-859-1400 (NUMERO DE SITIO: SE13114B)

DE ACUERDO A LAS REGLAS DE FCC 47 CFR 1.130

工作人員注意

此歷字房頂有射頻天線裝置 在天線範圍四周務請小心,並遵照各己張貼之指示 及/戴標繳行事

如寫進入禁區範圍或索取更多資料 請致實1-888-859-1400 此站區號: (SF13114B)

依據FCC條例第47 CFR1.1310 数執行

NOTES:

- 1. WARNING SIGN TO BE MOUNTED AT ANTENNAS LOCATIONS.
- 2. SIGN SHALL COMPLY WITH ANSI C95.2 COLOR, SYMBOL, AND CONTENT CONVENTIONS.
- 3. SIGNAGE SHALL BE CLEARLY LABELED IN A PHENOLIC LABEL WITH A WHITE BACKGROUND AND BLACK LETTERING, AND SHALL BE READABLE FROM AT LEAST (15) FEET FROM THE SIGN.
- 4. PROPOSED 12"X20" PLASTIC SIGN



NOTICE



Radio frequency fields beyond this point may exceed the FCC general public exposure limit.

Obey all posted signs and site guidelines for working in radio frequency

SITE NO. SF13114B

TYPICAL CAUTION SIGN

NOTE: SIGN TO BE PERMANENTLY MOUNTED AT ANTENNA LOCATIONS.

NOTICE

GUIDELINES FOR WORKING IN RADIO FREQUENCY ENVIRONMENTS

- All personnel should have electromagnetic energy (EME) awareness training.

 All personnel entering this site must be authorized.
- obey all posted signs.
- obey all posted signs.

 Assume all antennas are active.

 Before working on antennas, notify owners and disable appropriate transmitters.

 Maintain minimum 3 feet clearance from all antennas Do not stop in front of antennas.

 Use personal RF monitors while working near antennas.
- Never operate transmitters without shields during
- normal operation.

 Do not operate base station antennas in equipment

TYPICAL CAUTION SIGN

NOTE: SIGN TO BE PERMANENTLY MOUNTED TO THE STAIRWELL SIDE OF THE ROOF ACCESS

INFORMATION-DISCONNECT PROCEDURE

PROCEDURE TO DISCONNECT OR DE-ENERGIZE RADIO FREQUENCY (RF SIGNAL)

- 1. DISCONNECT POWER AT MAIN SERVICE DISCONNECT
- 2 DISCONNECT BACK-UP POWER AT BATTERY

Contact T-Mobile at 1-888-662-4662 and follow maintenance or repairs closer than 3 feet from the

This is T-Mobile Wireless Site# SF13114B

T-Mobile

NOTES:

- SIGN SHALL BE A PHENOLIC LABEL WITH WHITE BACKGROUND AND BLACK LETTERING. THE TITLE BLOCK SHALL BE A RED BACKGROUND AND 1" HIGH WHITE LETTERING.
- CONTRACTOR TO PLACE SIGNS IN FOLLOWING LOCATIONS: BATTERY LOCATION WITHIN PROXIMITY OF BATTERY DISCONNECT, FCC ROOM WITHIN PROXIMITY OF THE FIRE ALARM PANEL, AND THE BUILDING'S MAIN ELECTRICAL ROOM WITHIN PROXIMITY OF THE MAIN SHUTOFF.

BATTERY DISCONNECT SIGN



FOR IMMEDIATE SHUT DOWN OF ALL RADIO FREQUENCY EMISSIONS OF THIS SITE, PLEASE CALL CONTACT NUMBER AND GIVE SITE IDENTIFICATION NO.

CONTACT PHONE NUMBER:

1-888-662-4662

SITE IDENTIFICATION NUMBER:

___Site No: SF13114B ENTER SITE ID ABOVE

LOCATION OF EQUIPMENT:

☑ ROOF TOP □ OTHER

THIS EQUIPMENT HAS BATTERY BACKUP:

□ NO

TYPICAL CAUTION SIGN

NOTE: SIGN TO BE PERMANENTLY MOUNTED ON DOOR OF BTS CABINET

501 **GREENWICH**

SF13114B 501 GREENWICH ST SAN FRANCISCO, CA 94133

ISSUE STATUS					
Δ	DATE	DESCRIPTION	BY		
	06-12-09	CD 90%	_		
	06-25-09	CD 100%	_		
Α	02-18-10	CD 100%	CL		
В	05-07-10	CD 100%	CL		
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DR.	AWN BY:	C. SYLVESTE	:R		
СН	ECKED BY:	L. HOUGHTB	Y		





PORATION -- Mobile-

1855 GATEWAY BLVD 9TH FLOOR CONCORD, CA 94520 SHEET TITLE:

SIGNAGE DETAILS

SHEET NUMBER:

T-Mobile • Proposed Base Station (Site No. SF13114) 501 Greenwich Street • San Francisco, California

Statement of Hammett & Edison, Inc., Consulting Engineers

The finn of Hammett & Edison, Inc., Consulting Engineers, has been retained by T-Mobile, a personal wireless telecommunications carrier, to evaluate the base station (Site No. SF13114) proposed to be located at 501 Greenwich 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 WTS facilities with prevailing safety standards. The acceptable limits set by the FCC for exposures of unlimited duration are:

Personal Wireless Service	Approx. Frequency	Occupational Limit	Public Limit
Broadband Radio ("BRS")	2,600 MHz	5.00 mW/cm ²	1.00 mW/cm ²
Advanced Wireless ("AWS")	2,100	5.00	1.00
Personal Communication ("PCS")	1.950	5.00	1.00
Cellular Telephone	870	2.90	0.58
Specialized Mobile Radio ("SMR")	855	2.85	0.57
Long Term Evolution ("LTE")	700	2.33	0.47
[most restrictive frequency range]	30-300	1.00	0.20

The site was visited by Mr. Robert W. Hammett, a qualified employee of Hammett & Edison, Inc., on June 18, 2009, and reference has been made to drawings by Streamline Engineering and Design, Inc., dated June 12, 2009, and to additional information provided by T-Mobile.

Checklis

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

There were observed no existing antennas on the three-story, mixed-use building located at 501 Greenwich Street. Existing RF levels at ground level near the site were less than 1% of the most restrictive public exposure limit.

The <u>location of all approved (but not installed) antennas and facilities</u>. Expected RF levels from approved untennas.

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

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

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

HAMMETT & EDISON, INC.

MOSUUTING ENGIN LERS AN FRANCISCO TM13114599

T-Mobile • Proposed Base Station (Site No. SF13114) 501 Greenwich Street • San Francisco, California

while the site is in operation, unless other measures can be demonstrated to ensure that occupational protection requirements are met. Marking an "exclusion area" to 5 feet in front of the antenna with yellow striping, and posting explanatory warning signs at the roof access door and on the enclosure in front of the antenna, 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 enidelines.

10. Statement of authorship.

The undersigned author of this statement is a qualified Professional Engineer, holding California Registrations Nos. E-13026 and M-20676, which expire on June 30, 2009. 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.

Conclusio

Based on the information and analysis above, it is my professional opinion that the proposed T-Mobile base station will comply with the prevailing standards limiting public exposure to radio frequency energy and, therefore, will not for this reason cause a significant impact on the environment. The highest estimated exposure levels in publicly accessible areas are many times 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.



Warning signs should comply with OFT-65 color, symbol, and content recommendations. Contact information should be provided (e.g., a telephone number) to arrange for access to restricted areas. The selection of hagquage(s) is not an engineering matter, and geidance from the landlord, local zoning or health authority, or appropriate professionals may be required.

HAMMETT & EDISON, INC.

June 22, 2009

M13114599

T-Mobile • Proposed Base Station (Site No. SF13114) 501 Greenwich Street • San Francisco, California

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

T-Mobile proposes to mount one RFS Model APXV18-206513T-C directional PCS antenns at the northeast corner of the roof inside an enclosure configured to resemble the existing vents on the roof. The antenna would be mounted at an effective height of about 42 feet above ground, 3½ feet above the roof, and would be oriented toward 20°T.

5. Power rating (maximum and expected operating power) for all existing and proposed backup

The maximum power rating of the T-Mobile transmitters is 2.2 watts, and the maximum composite output power rating of the power amplifier is 125 watts. The actual operating power will depend upon the system losses encountered after the physical cabling runs have been installed; the transmitter may operate at a power below its maximum rating, such that the power radiated from the antennas does not exceed the level given in Itera 6 below.

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

The maximum effective radiated power proposed by T-Mobile in any direction is 275 waits.

 Plot or roaf plan showing method of attachment of untennas, directionality of antennas, and height above roof level. Discuss nearby inhabited buildings.

The drawings show the proposed antenna to be installed as described in Item 4 above. There were noted taller buildings, across the street.

 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 T-Mobile operation by itself is calculated to be 0.0028 mW/cm², which is 0.28% of the applicable public exposure limit. The maximum calculated level at any nearby building is 1.0% of the public limit. The three-dimensional perimeter of RF levels equal to the public exposure limit is calculated to extend less than 6 feet directly in front of the T-Mobile antenna, and to much lesser distances to the side, below, and above the antenna.

9. Describe proposed signage at site.

Due to its mounting location, the T-Mobile antenna would not be accessible to the general public, and so no mitigation measures are necessary to comply with the FCC public exposure guidelines. To prevent occupational exposures in excess of the FCC guidelines, no access within 2 feet in front of the T-Mobile antenna itself, such as might occur during building maintenance activities, should be allowed

HAMMETT & EDISON, INC.

Page 2 of



65 vols.

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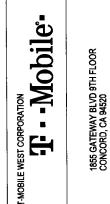
501 GREENWICH

SF13114B 501 GREENWICH ST SAN FRANCISCO, CA 94133

	ISSUE STATUS					
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CHECKED BY:		L. HOUGHTB	Y			
APPROVED BY:		B. McCOMB				
DATE:		05/07/10				







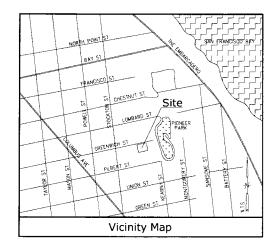
SHEET TITLE:

EMF REPORT/

AUP LETTER

SHEET NUMBER:

T-4



Title Report

THIS SURVEY WAS COMPLETED WITHOUT THE BENEFIT OF A TITLE REPORT. PREPARED BY: ORDER NO.: DATE:

Legal Description (PER DEED)

THE FOLLOWING DESCRIBED REAL PROPERTY IN THE COUNTY OF SAN FRANCISCO, STATE OF CALFORNIA:
COMMITCHING AT THE POINT OF INTERSECTION OF THE SOUTHERLY LINE OF CREENWICH STREET WITH THE WESTERLY LINE OF CRAINT AVENUE; RUNNING THENCE WESTERLY A.ONG SAID LINE OF GREENWICH STREET BO FEET; THENCE AT A RIGHT ANGLE LASTERLY SO FEET TO THE WESTERLY LINE OF GRANT AVENUE; AND "HENCE AT A RIGHT ANGLE ONF THENCE THENCE AT A RIGHT ANGLE ONF THENCE AT A RIGHT ANGLE ONF THENCE THENCE AT A RIGHT ANGLE ONF THENCE AT A RIGHT ANGLE OF THE POINT OF SO VARIA BLOCK NO. 105.

Assessor's Parcel No.

Easements

Access Easement/Lease Area

Geographic Coordinates at Center of Building

1983 DATUM: LATITUDE 37' 48' 98.29"N LONGITUDE 122' 24' 29.17"W ELEVATION = 164.2 FEET ABOVE MEAN SEA LEVEL

CERTIFICATION:

THE LATITUDE AND LONGITUDE SHOWN ABOVE ARE ACCURATE TO WITHIN +/- 15 FEET HORIZONTALITY AND THAT THE ELEVATIONS SHOWN ABOVE ARE ACCURATE TO WITHIN +/- 3 FEET VERICALLY. THE MORIZONTAL DATUM (GEOGRAPHIC COGEDINATES) IS IN TRAWS OF THE MORTH AMERICAN DATUM OF 1985 (AND 83) AND IS EXPRESSED IN DEGREES (), MUNITES () AND SECONDS (), TO THE NEAREST HUNDREDTH OF A SECOND. THE VERTICAL DATUM (ELEVATIONS) IS IN TERMS OF THE MORTH AMERICAN VERTICAL DATUM OF 1986 (NAV) 68) AND IS DETERMINED TO THE NEAREST TENTH OF A FOOT.

Basis of Bearings

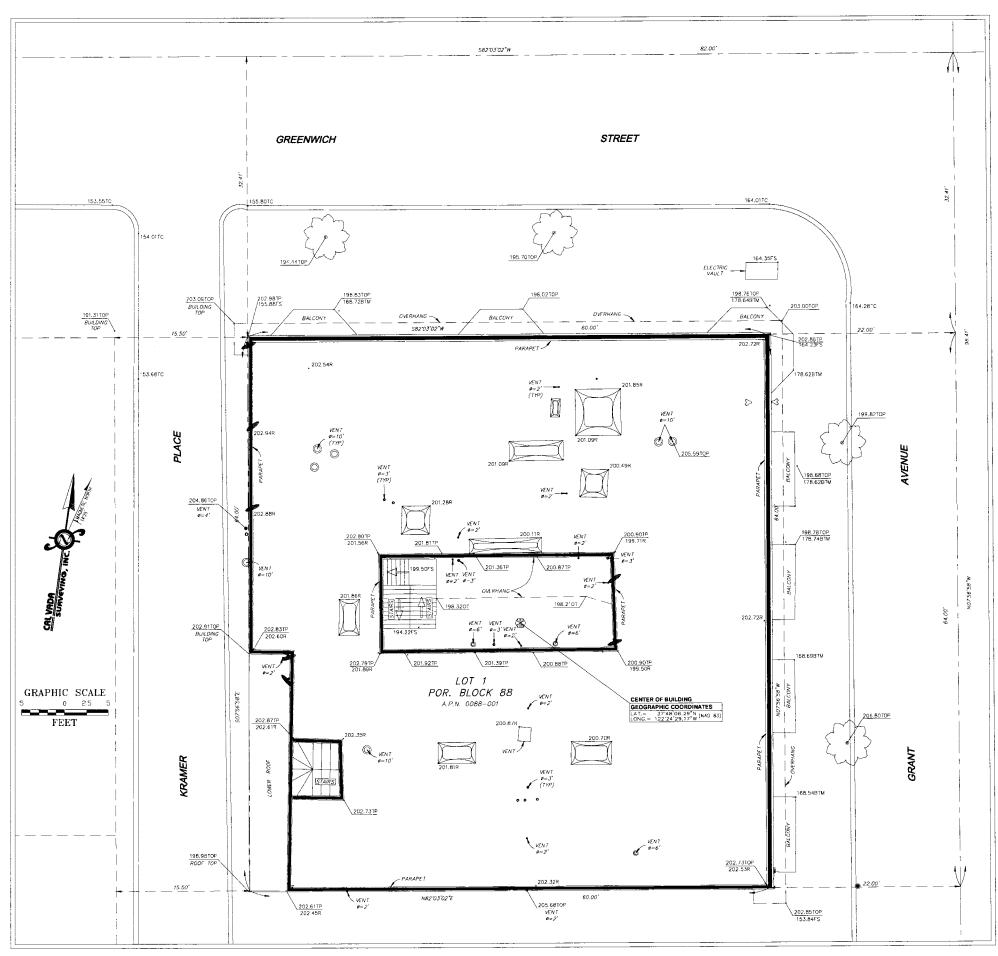
THE STATE PLANE COORDINATE SYSTEM OF 1983 (NAD 83), CALIFORNIA ZONE 3.

Bench Mark

THE CALIFORNIA SPATIAL REFERENCE CENTER C.O.R.S "TIBB", ELEVATION = 38.72 FEET (NAVD 88).

Date of Survey

	Legend					
FS	FINISH SURFACE	_	SKYLIGHT			
NC	NATURAL GROUND	⋖	FIRE DEPARTMENT CONTROL			
A	DISH ANTENNA	•	GEODET C COORDINATES			
	VENT	€	CENTER LINE			
8	SURVEY CONTROL POINT	TOP	TOP OF STRUCTURE			
	CONCRETE PAVEMENT	•	GEODET C COORDINATES			
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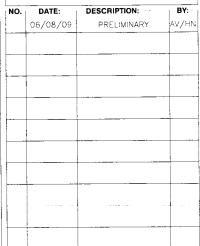
T··Mobile· Stick Together'

1755 CREEKSIDE OAKS, SUITE 190 SACRAMENTO, CA 95833

CONSULTANT:

CAL VADA

SURVEYING, INC. 411 Jenks Ctr., Suite 205, Corona, CA 92890
Phone: 951-260-9980 Fac: 951-260-9746
Toll Free: 800-CALVADA www.calvada.c



SITE INFORMATION:

SF13114A

501 Greenwich

501 Greenwich St. San Francisco, CA 94133 San Francisco County

SEAL:

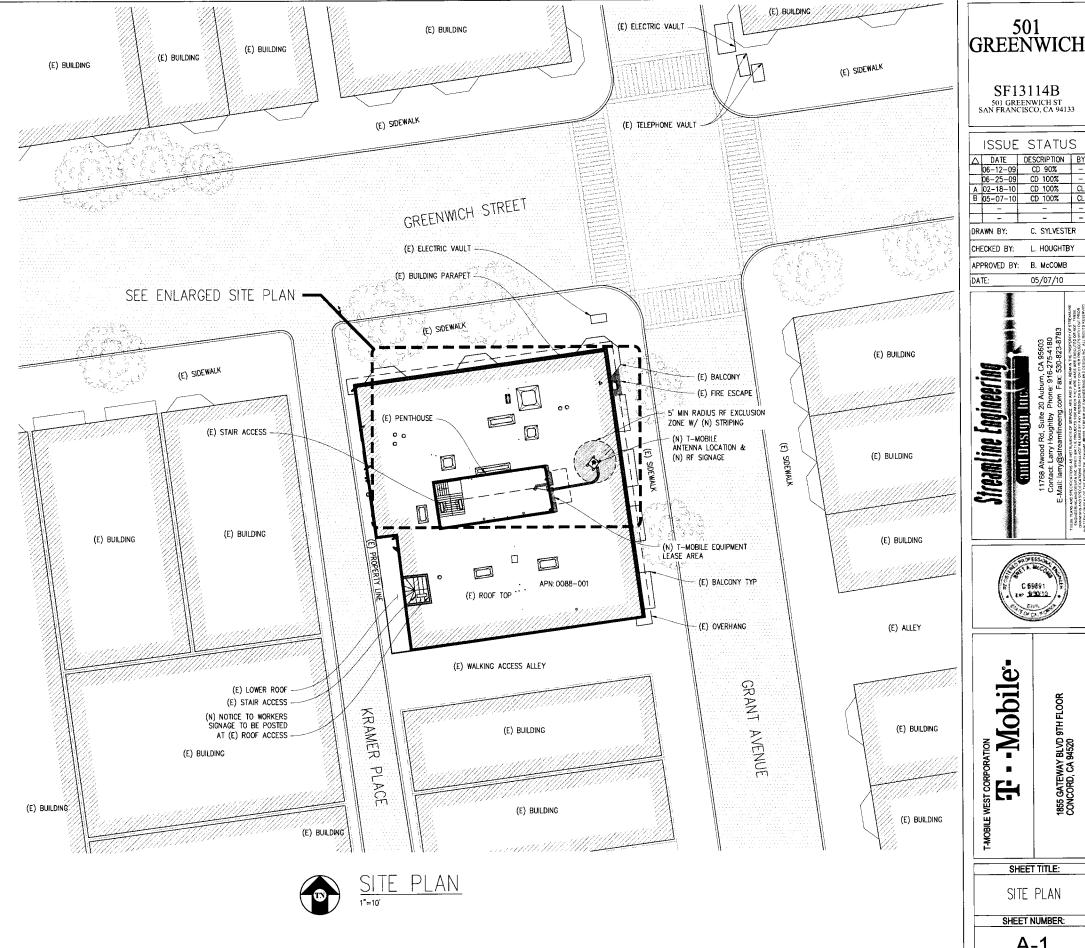
SHEET TITLE:

TOPOGRAPHIC SURVEY

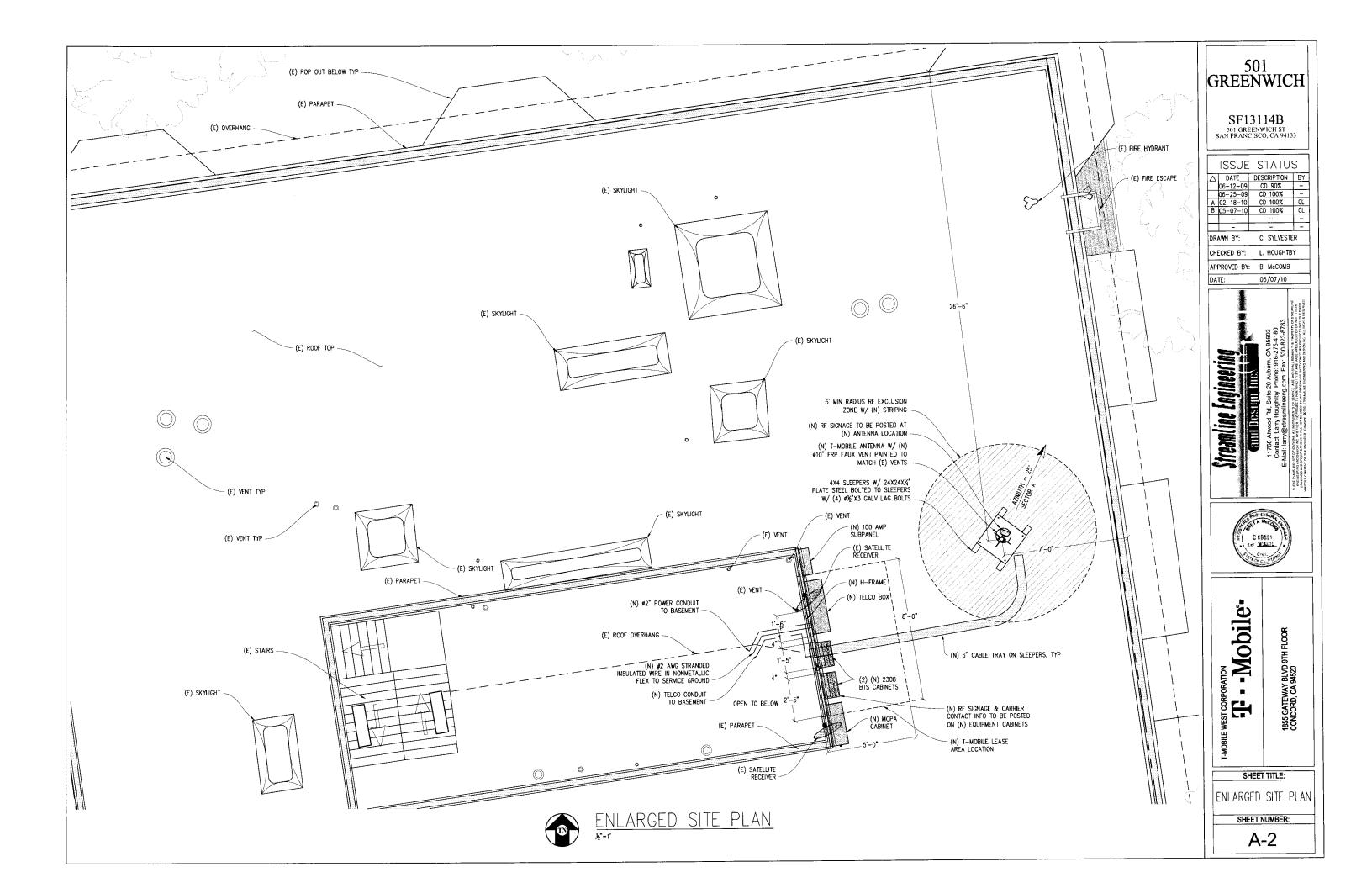
PROJECT GENERAL NOTES

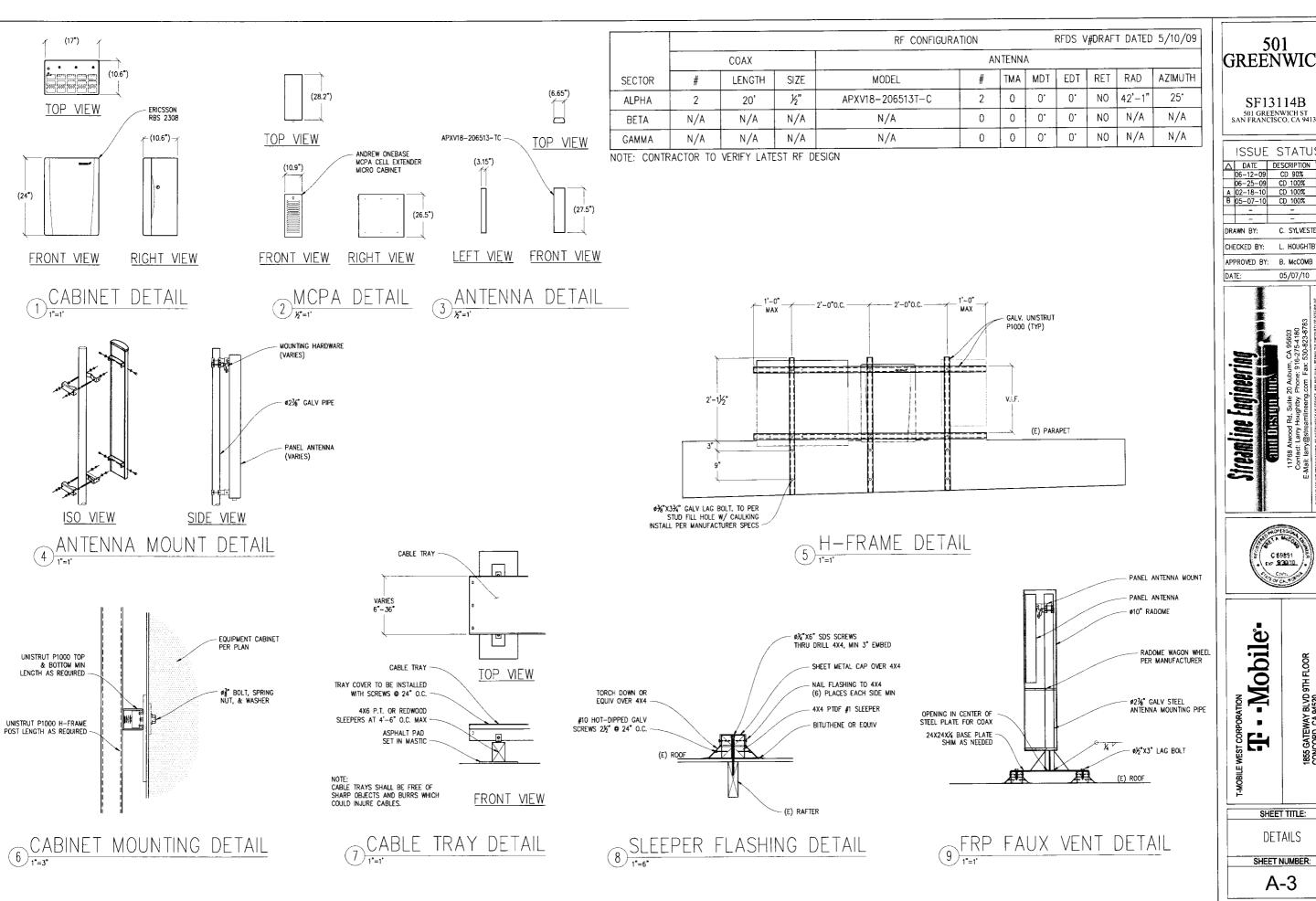
- 1. THIS FACILITY IS AN UNOCCUPIED WIRELESS TELECOMMUNICATION FACILITY.
- 2. PLANS ARE NOT TO BE SCALED AND ARE INTENDED TO BE A DIAGRAMMATIC OUTLINE ONLY UNLESS NOTED OTHERWISE
- THE SCOPE OF WORK SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT, APPURTENANCES AND LABOR NECESSARY TO COMPLETE ALL INSTALLATIONS AS INDICATED ON THE DRAWINGS.
- 4. PRIOR TO THE SUBMISSION OF BIDS, THE CONTRACTORS SHALL VISIT THE JOB SITE AND BE RESPONSIBLE FOR ALL CONTRACT DOCUMENTS, FIELD CONDITIONS AND DIMENSIONS, AND CONFIRM THAT THE WORK MAY BE ACCOMPLISHED AS SHOWN PRIOR TO PROCEEDING WITH CONSTRUCTION. ANY DISCREPANCIES ARE TO BE BROUGHT TO THE ATTENTION OF THE CONSTRUCTION MANAGER AND ENGINEER PRIOR TO PROCEEDING WITH THE WORK.
- 5. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PAY FOR PERMIT FEES AND TO OBTAIN SAID PERMITS AND TO COORDINATE INSPECTIONS.
- 6. THE CONTRACTOR SHALL RECEIVE, IN WRITING, AUTHORIZATION TO PROCEED BEFORE STARTING WORK ON ANY ITEM NOT CLEARLY DEFINED OR IDENTIFIED BY THE CONTRACT DOCUMENTS.
- 7. CALL BEFORE YOU DIG. CONTRACTOR IS REQUIRED TO CALL 811 (NATIONWIDE "CALL BEFORE YOU DIG" HOTLINE) AT LEAST 72 HOURS BEFORE DIGGING.
- 8. ALL WORK PERFORMED AND MATERIALS INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS, AND ORDINANCES. CONTRACTOR SHALL GIVE ALL NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY REGARDING THE PERFORMANCE OF THE WORK
- 9. THE GENERAL CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK USING THE BEST SKILLS AND ATTENTION. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES. CONTRACTOR SHALL ALSO COORDINATE ALL PORTIONS OF THE WORK UNDER THE CONTRACT: INCLUDING CONTACT AND COORDINATION WITH THE CONSTRUCTION MANAGER AND WITH THE LANDLORD'S AUTHORIZED
- 10. THE CONTRACTOR SHALL MAKE NECESSARY PROVISIONS TO PROTECT EXISTING IMPROVEMENTS, PAYING, CURBS, GALVANIZED SURFACES, ETC., AND UPON COMPLETION OF WORK, REPAIR ANY DAMAGE THAT OCCURRED DURING CONSTRUCTION TO THE SATISFACTION OF THE PROJECT
- 11. KEEP GENERAL AREA CLEAN, HAZARD FREE, AND DISPOSE OF ALL DIRT, DEBRIS, RUBBISH AND REMOVE EQUIPMENT NOT SPECIFIED AS REMAINING ON THE PROPERTY, LEAVE PREMISES IN CLEAN CONDITION AND FREE FROM PAINT SPOTS, DUST, OR SMUDGES OF ANY NATURE.
- 12. ALL EXISTING INACTIVE SEWER, WATER, GAS, ELECTRIC, AND OTHER UTILITIES, WHICH INTERFERE WITH THE EXECUTION OF THE WORK, SHALL BE REMOVED AND/OR CAPPED, PLUGGED, OR OTHERWISE DISCONNECTED AT POINTS WHICH WILL NOT INTERFERE WITH THE EXECUTION OF THE WORK, AS DIRECTED BY THE RESPONSIBLE ENGINEER, AND SUBJECT TO THE APPROVAL OF THE OWNER AND/OR LOCAL UTILITIES.
- 13. ALL EXISTING ACTIVE SEWER, WATER, GAS, ELECTRIC AND ALL OTHER UTILITIES WHERE ENCOUNTERED IN THE WORK SHALL BE PROTECTED AT ALL TIMES.
- 14. DETAILS ARE INTENDED TO SHOW END RESULT OF DESIGN. MINOR MODIFICATIONS MAY BE REQUIRED TO SUIT JOB DIMENSIONS OR CONDITIONS, AND SUCH MODIFICATIONS SHALL BE INCLUDED AS PART OF THE WORK.
- 15. CONTRACTOR SHALL PROVIDE A TOILET FACILITY DURING ALL PHASES OF CONSTRUCTION.
- 16. SUFFICIENT MONUMENTATION WAS NOT RECOVERED TO ESTABLISH THE POSITION OF THE BOUNDARY LINES SHOWN HEREON. THE BOUNDARY REPRESENTED ON THIS MAP IS BASED ON COMPILED RECORD DATA AND BEST FIT ONTO EXISTING IMPROVEMENTS. IT IS POSSIBLE FOR THE LOCATION OF THE SUBJECT PROPERTY TO SHIFT FROM THE PLACEMENT SHOWN HEREON WITH ADDITIONAL FIELD WORK AND RESEARCH, THEREFORE ANY SPATIAL REFERENCE MADE OR SHOWN BETWEEN THE RELATIONSHIP OF THE BOUNDARY LINES SHOWN HEREON AND EXISTING GROUND FEATURES. EASEMENTS OR LEASE AREA IS INTENDED TO BE APPROXIMATE AND IS SUBJECT TO VERIFICATION BY RESOLVING THE POSITION OF THE BOUNDARY LINES.
- 17. CONTRACTOR TO VERIFY THE LATEST/CURRENT RF DESIGN.

NOTE: NO BATTERIES TO BE INSTALLED AT THIS SITE



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501 **GREENWICH**

SF13114B 501 GREENWICH ST SAN FRANCISCO, CA 94133

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CHE	CHECKED BY: L. HOUGHTBY					

05/07/10







SHEET TITLE: DETAILS SHEET NUMBER: A-3



501 GREENWICH

SF13114B 501 GREENWICH ST SAN FRANCISCO, CA 94133

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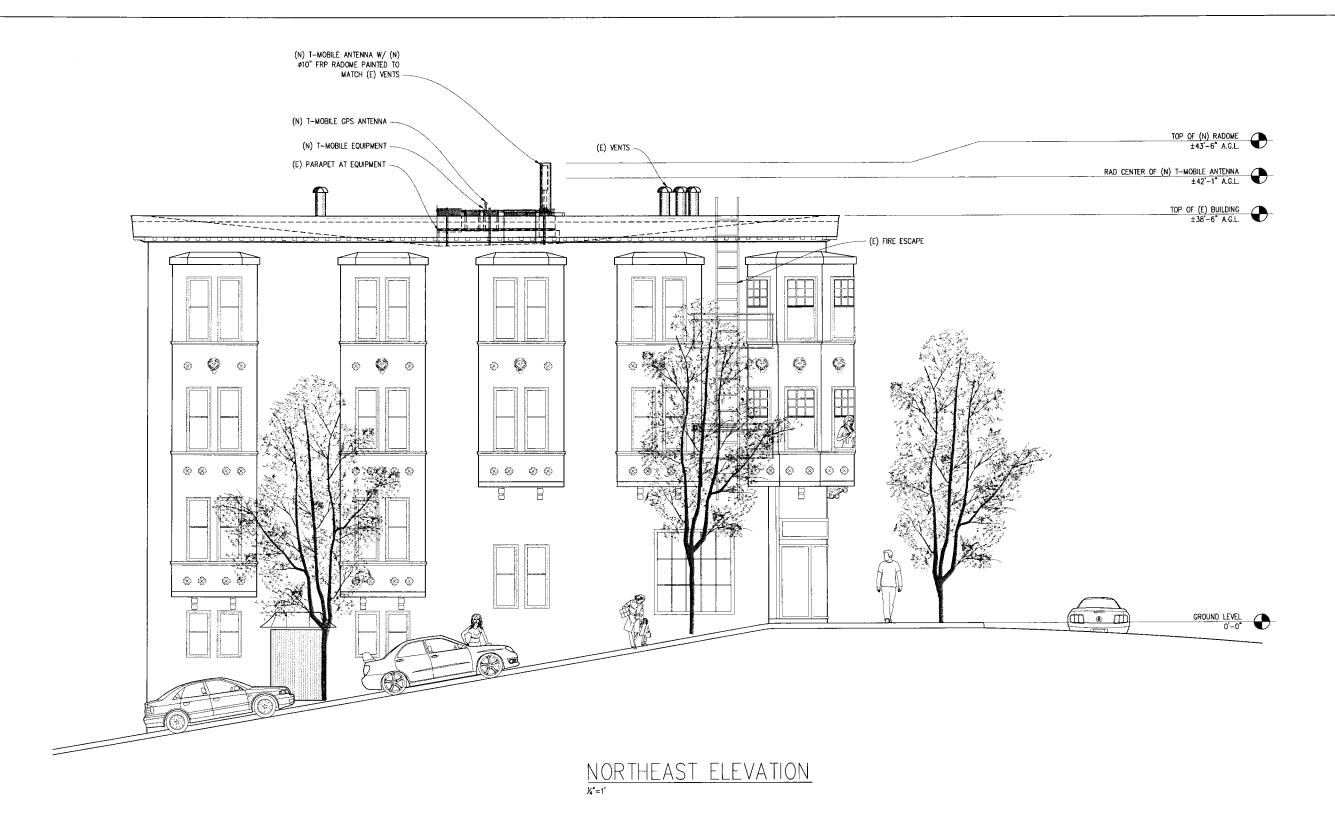




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> SHEET TITLE: ELEVATION SHEET NUMBER: A-4

1855 GATEWAY BLVD 9TH FLOOR CONCORD, CA 94520



501 GREENWICH

SF13114B 501 GREENWICH ST SAN FRANCISCO, CA 94133

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		L. HOUGHTBY		
		B. McCOMB		
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T-MOBILE WEST CORPORATION
The Mobile*

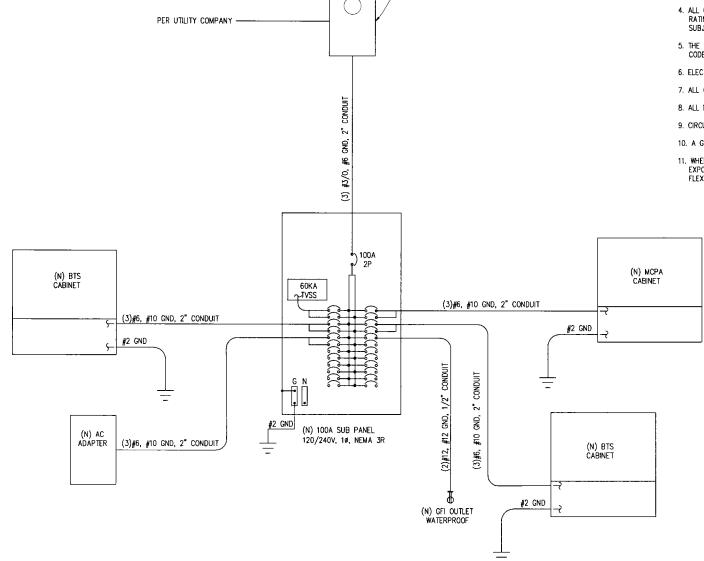
SHEET TITLE:

ELEVATION

SHEET NUMBER:

1855 GATEWAY BLVD 9TH FLOOR CONCORD, CA 94520

A-5



SINGLE LINE DIAGRAM

(N) 100A METER

ELECTRICAL NOTES

- 1. ALL ELECTRICAL WORK SHALL CONFORM TO THE NEC AS WELL AS ALL APPLICABLE STATE AND LOCAL CODES.
- CONTRACTOR SHALL FURNISH AND INSTALL ALL CONDUIT, CONDUCTORS, PULL BOXES, TRANSFORMER PADS, POLE RISERS, AND PERFORM ALL TRENCHING AND BACKFILLING REQUIRED IN THE PLANS.
- 3. ALL ELECTRICAL ITEMS SHALL BE U.L. APPROVED OR LISTED AND PROCURED PER PLAN SPECIFICATIONS.
- 4. ALL CIRCUIT BREAKERS, FUSES, AND ELECTRICAL EQUIPMENT SHALL HAVE AN INTERRUPTION RATING NOT LESS THAN THE MAXIMUM SHORT CIRCUIT CURRENT TO WHICH THEY MAY BE SUBJECTED WITH A MINIMUM OF 10,000 A.I.C. OR AS REQUIRED.
- 5. THE ENTIRE ELECTRICAL INSTALLATION SHALL BE GROUNDED AS REQUIRED BY ALL APPLICABLE CODES.
- 6. ELECTRICAL WIRING SHALL BE COPPER #12 MIN WITH TYPE XHHW, THWN, OR THHN INSULATION.
- 7. ALL OUTDOOR EQUIPMENT SHALL HAVE NEMA 3R ENCLOSURE.
- 8. ALL BURIED WIRE SHALL RUN THROUGH SCHEDULE 40 PVC CONDUIT UNLESS OTHERWISE NOTED.
- 9. CIRCUIT BREAKERS SHALL BE 20 AMP MIN.
- 10. A GROUND WIRE IS TO BE PULLED IN ALL CONDUITS.
- WHERE ELECTRICAL WIRING OCCURS OUTSIDE A STRUCTURE AND HAS THE POTENTIAL FOR EXPOSURE TO WEATHER, WIRING SHALL BE IN WATERTIGHT GALVANIZED RIGID STEEL OR FLEXIBLE CONDUIT.

ELECTRIC LEGEND

METER

CIRCUIT BREAKER

MAIN SERVICE GROUND

WIRED CONNECTION

7 SWITCH

OUTDOOR LIGHT

GFI OUTLET

PANEL SCHEDULE

NAMEPLATE: PANEL A SC				LEVEL: 10,000			VOLTS: 120V/240V, 1	ø		
LOCATION: INSIDE						BUSS AMPS: 100A				
MOUNTING : V	VALL							MAIN CB: 100A		
øΑ	øB		BKR	CIRC	UΤ	BKR			ØΑ	ø₿
LOAD VA	LOAD VA	LOAD DESCRIPTION	AMP/ POLE	N		AMP/ POLE		LOAD DESCRIPTION	LOAD VA	LOAD VA
800		SURGE ARRESTOR	1 60/2	01	02	20/2	(N) MC	CPA .	840	
	800	n H	1 -	03	04	_	*	***************************************	-	840
850		(N) BTS #1	1 30/2	05	06	30/2	(N) BT	'S #1	850	
	850	1	1 -	07	08	-	7			850
400		(N) AC ADAPTER	1 20/2	09	10	20/1	GFI RE	CEPTACLE	800	
	400	n P	1 -	11	12		SPARE			
		SPARE	T	13	14					
				15	16					
				17	18					
			II	19	20					
				21	22					
			1	_23	24					
2,050 PHASE TOTALS						PHASE TOTALS	2,490	1,690		
TOTAL VA =	8,280	TOTAL AMPS = 34.5A	•							

NOTE: EXISTING LOADS HAVE NOT BEEN FIELD VERIFIED. THEY ARE APPROXIMATE BASED ON EXISTING CB SIZES. CONTACT THE ENGINEER IF THE LOADS DIFFER FROM THAT WHICH IS SHOWN ON THE PLANS

501 GREENWICH

SF13114B 501 GREENWICH ST SAN FRANCISCO, CA 94133

ISSUE STATUS							
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	-		1				
DR	AWN BY:	C. SYLVESTER					
CHECKED BY: L. HOUGHTBY							

APPROVED BY: B. McCOMB

05/07/10

DATE:





T - Mobile

1855 GATEWAY BLVD 9TH FLOOR CONCORD, CA 94520

SHEET TITLE:

ELECTRICAL PLAN

SHEET NUMBER:

E-1

GROUNDING NOTES

- 1. GROUNDING SHALL COMPLY WITH NEC ART. 250.
- 2. THE GROUND ELECTRODE SYSTEM SHALL CONSIST OF DRIVEN GROUND RODS. THE GROUND RODS SHALL BE X X 10' COPPER CLAD STEEL SPACED AT 10' INTERVALS MAX. RODS SHALL BE INTERCONNECTED WITH #2 SOLID TINNED BARE COPPER GROUND WIRE BURIED A MINIMUM 18" BELOW GRADE. AN ONSITE INSPECTION BY THE OWNER SHALL BE REQUIRED PRIOR TO ANY BACKFILL.
- 3. USE #2 COPPER STRANDED WIRE WITH GREEN COLOR INSULATION FOR ABOVE GRADE GROUNDING (UNLESS OTHERWISE SPECIFIED) AND #2 SOLID TINNED BARE COPPER WIRE FOR BELOW GRADE GROUNDING AS INDICATED ON
- 4. EXOTHERMIC WELDS SHALL BE USED FOR ALL GROUNDING CONNECTIONS BELOW GRADE.
- 5. EXPOSED GROUNDING CONNECTIONS SHALL BE MADE WITH BURNDY HYGROUND COMPRESSION TYPE CONNECTORS OR EXOTHERMIC WELDS AS SPECIFIED IN THE PLANS.
- 6. CONNECTIONS TO EQUIPMENT SHALL BE MADE USING STAINLESS STEEL HARDWARE.
- 7. APPLY BUTYL & ELECTRICAL TAPE OVER COLD SHRINK AT ALL LOCATIONS FOR WEATHER PROOFING OVER COAX
- 8. CONNECTIONS TO GROUND BARS SHALL BE MADE WITH TWO HOLE COMPRESSION TYPE COPPER LUGS WITH STAR WASHERS AND NO-OX OR EQUIVALENT PLACED BETWEEN CONNECTOR AND GROUND BAR.
- 9. ROUTE GROUNDING CONDUCTORS ALONG THE SHORTEST AND STRAIGHTEST PATH POSSIBLE, EXCEPT AS OTHERWISE INDICATED. GROUNDING LEADS SHOULD NEVER BE BENT AT RIGHT ANGLES. ALWAYS MAKE A 12" RADIUS BEND,
- 10. THE SYSTEM GROUND RESISTANCE MUST BE 10 OHMS OR LESS. TO ACHIEVE THIS LEVEL OF RESISTANCE THE CONTRACTOR SHALL PURSUE ONE OF THE FOLLOWING FOUR OPTIONS:
- A. CONNECT TO EXISTING GROUNDING SYSTEMS
 B. CONNECT TO BUILDING STEEL COLUMNS
- C. INSTALL A NEW GROUNDING SYSTEM OR
- D. INSTALL NEW CHEMICAL RODS

UPON COMPLETION OF THE GROUNDING INSTALLATION THE CONTRACTOR SHALL EMPLOY AN OWNER APPROVED 3RD PARTY TO CONDUCT A "FALL OF POTENTIAL" TEST AND SUBMIT A REPORT OF SUCH TEST FOR APPROVAL TO EITHER THE OWNER OR CONSTRUCTION MANAGER.

GROUND LEGEND

MECHANICAL CONNECTION

EXOTHERMIC CADWELD

TYP. CADWELD INSPECTION WELL

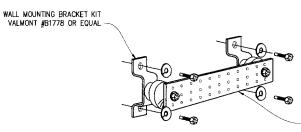
TYP & DIA. X 10'-0" LONG COPPER CLAD GROUND ROD @ 10' O.C. MAX & 18" MIN BELOW FINISH GRADE

GATE GROUNDING STRAP

TYP #2 TINNED BCW UNDERGROUND GND RING @ 18" MIN

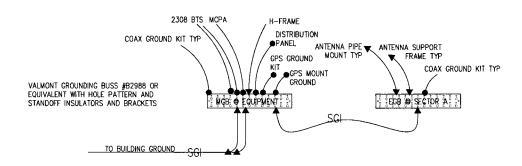
BELOW FINISH GRADE

GROUND WIRE #2 STRANDED GREEN INSULATED WIRE

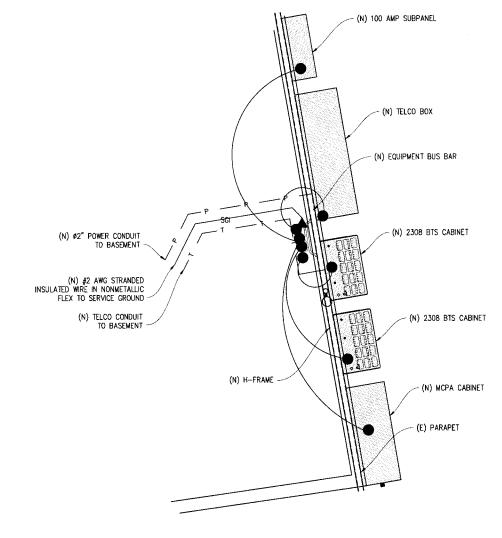


COPPER GROUND BUSS #2"X4"X24" VALMONT #B2988 OR EQUAL. HOLE CENTERS TO MATCH NEMA DOUBLE LUG CONFIGURATION. (ACTUAL GROUND BUSS SIZES WILL VARY BASED ON THE NUMBER OF GROUND CONNECTIONS)

GROUND BUSS DETAIL



BUSS BAR CONNECTION DIAGRAM





501 **GREENWICH**

SF13114B 501 GREENWICH ST SAN FRANCISCO, CA 94133

ISSUE STATUS							
Δ	DATE	DESCRIPTION	BY				
	06-12-09	CD 90%	ı				
	06-25-09	CD 100%	١				
Α	02-18-10	CD 100%	CL				
В	05-07-10	CD 100%	CL				
	-	-	-				
		-	-				
DRAWN BY:		C. SYLVESTER					
CHECKED BY:		L. HOUGHTBY					
APPROVED BY:		B. McCOMB					
DΑ	TF.	05/07/10	05/07/10				





-Mobile-H

1855 GATEWAY BLVD 9TH FLOOR CONCORD, CA 94520

SHEET TITLE: GROUNDING PLAN & DETAILS SHEET NUMBER: