



SAN FRANCISCO PLANNING DEPARTMENT

Executive Summary Conditional Use Authorization

HEARING DATE: SEPTEMBER 8, 2011
CONSENT CALENDAR

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

Reception:
415.558.6378

Fax:
415.558.6409

Planning
Information:
415.558.6377

Date: September 1, 2011
Case No.: **2011.0117CR**
Project Address: **801-833 Mission Street**
Current Zoning: P (Public) District
90-X/340-I Height and Bulk District
Block/Lot: 3724/067
Project Sponsor: Bradley Head of NSA Wireless for
Verizon Wireless
2000 Crow Canyon Place #400
San Ramon, CA 94583
Staff Contact: Aaron Hollister – (415) 575-9078
aaron.hollister@sfgov.org
Recommendation: **Approval with Conditions**

PROJECT DESCRIPTION

The proposal is to expand an existing macro-cellular Verizon wireless telecommunications service (“WTS”) installation by adding up to six panel antennas to the site, which currently contains three panel antennas and associated equipment. The new antennas would be located on a rooftop penthouse structure found at the northwest corner of the subject building, which is commonly known as the Fifth and Mission Garage. The antennas are proposed on a Location Preference 1 Site (Preferred Location – Public Structure Site) according to the WTS Siting Guidelines.¹ Expansions of macro WTS installations such as the proposed installation require Conditional Use authorization in the Public Zoning District.

The proposed antennas would measure approximately 50 inches high by 9 inches wide by 7 inches thick. All six antennas would be mounted at a maximum height of approximately 81 feet above grade on the northwest and southwest facades of the penthouse and would be painted to match their mounting surfaces. “Blinders” would be installed on the sides of each individual antenna so as to screen the mounting hardware, cables and cable connections.

SITE DESCRIPTION AND PRESENT USE

The project is located on south side of Mission Street between Fourth and Fifth Streets, Lot 067 in Assessor’s Block 3724. This site is within the “P” (Public) Zoning District and a 90-X/340-I Height and

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

Bulk District. The project site is entirely occupied by the Fifth and Mission Parking Garage, which is owned by the City and County of San Francisco. The parking structure contains a variety of ground-floor commercial uses. Additionally, several wireless carriers have WTS installations on the parking structure.

SURROUNDING PROPERTIES AND NEIGHBORHOOD

The subject property is located in the SOMA neighborhood of San Francisco. The area surrounding the project site is characterized by large-scale uses including the Westfield Shopping Center, the Metreon, the Yerba Buena Center, the Moscone Convention Center and large tourist hotels. A variety of commercial establishments are located within ground floor storefronts in the area, including restaurants, bars, apparel stores, convenience stores, and other types of retailers. The scale of development varies from two-story buildings to high-rise structures in excess of 300 feet.

ENVIRONMENTAL REVIEW

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

HEARING NOTIFICATION

TYPE	REQUIRED PERIOD	REQUIRED NOTICE DATE	ACTUAL NOTICE DATE	ACTUAL PERIOD
Classified News Ad	20 days	August 17, 2011	August 19, 2011	22 days
Posted Notice	20 days	August 19, 2011	August 18, 2011	21 days
Mailed Notice	10 days	August 29, 2011	August 18, 2011	21 days

PUBLIC COMMENT

- The Department has received no contact from members of the public since the filing of the application.

REQUIRED COMMISSION ACTION

- Pursuant to Section 234.2 of the Planning Code, Conditional Use authorization is required to install a macro wireless telecommunications service facility in the "P" Use District.
- Pursuant to Chapter 2A, Section 2A.53 of the Administrative Code, any change of use or other alteration to property owned by the City and County of San Francisco requires a General Plan Referral to determine if the project is in conformity with the objectives and policies of the General Plan. A motion containing General Plan findings has been included for consideration of adoption by the Planning Commission.

BASIS FOR RECOMMENDATION

- The project complies with the applicable requirements of the Planning Code.
- The project is consistent with the objectives and policies of the General Plan.
- The Project is consistent with the 1996 WTS Facilities Siting Guidelines, Planning Commission Resolution No. 14182.
- The project site is a Location Preference 1, a preferred location, according to the Wireless Telecommunications Services (WTS) Siting Guidelines.
- Based on propagation maps provided by Verizon Wireless, the project will provide greater network capacity and technological upgrades to the site for data access.
- The proposed antennas will be minimally visible when viewed from adjacent rights-of-way and points further away so as to avoid intrusion into public vistas and insure harmony with neighborhood character.

RECOMMENDATION: Approval with Conditions
--

Attachments:

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

- | | |
|---|--|
| <input checked="" type="checkbox"/> Executive Summary | <input checked="" type="checkbox"/> Project sponsor submittal |
| <input checked="" type="checkbox"/> Draft Motion | Drawings: <u>Existing Conditions</u> |
| <input type="checkbox"/> Environmental Determination | <input checked="" type="checkbox"/> Check for legibility |
| <input checked="" type="checkbox"/> Zoning District Map | Drawings: <u>Proposed Project</u> |
| <input type="checkbox"/> Height & Bulk Map | <input checked="" type="checkbox"/> Check for legibility |
| <input checked="" type="checkbox"/> Parcel Map | <input checked="" type="checkbox"/> Health Dept. review of RF levels |
| <input checked="" type="checkbox"/> Sanborn Map | <input checked="" type="checkbox"/> RF Report |
| <input checked="" type="checkbox"/> Aerial Photo | <input checked="" type="checkbox"/> Community Meeting Notice |
| <input checked="" type="checkbox"/> Context Photos | <input type="checkbox"/> Public Correspondence |
| <input checked="" type="checkbox"/> Site Photos | |

Exhibits above marked with an "X" are included in this packet AJH
Planner's Initials

AJH G:\DOCUMENTS\Projects\CU\833 Mission Street\2011.0117CR\833 Mission Street Executive Summary - 2011.0117CR.doc



SAN FRANCISCO PLANNING DEPARTMENT

Subject to: (Select only if applicable)

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

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

Reception:
415.558.6378

Fax:
415.558.6409

Planning
Information:
415.558.6377

Planning Commission Motion No. XXXXX

HEARING DATE: SEPTEMBER 8, 2011

Date: September 1, 2011
Case No.: **2011.0117CR**
Project Address: **801-833 Mission Street**
Current Zoning: P (Public) District
 90-X/340-I Height and Bulk District
Block/Lot: 3724/067
Project Sponsor: Bradley Head of NSR Wireless for
 Verizon Wireless
 2000 Crow Canyon Place #400
 San Ramon, CA 94583
Staff Contact: Aaron Hollister – (415) 575-9078
 aaron.hollister@sfgov.org

ADOPTING FINDINGS RELATING TO THE APPROVAL OF A CONDITIONAL USE AUTHORIZATION UNDER PLANNING CODE SECTION 234.2 TO EXPAND AN EXISTING WIRELESS TELECOMMUNICATIONS SERVICE FACILITY BY ADDING UP TO SIX PANELL ANTENNAS ON AN EXISTING PARKING GARAGE AS PART OF VERIZON’S WIRELESS TELECOMMUNICATIONS NETWORK WITHIN THE P (PUBLIC) DISTRICT AND A 90-X/340-I HEIGHT AND BULK DISTRICT.

PREAMBLE

On February 9, 2011, Verizon Wireless (hereinafter "Project Sponsor"), made an application (hereinafter "application"), for Conditional Use Authorization on the property at 801-833 Mission Street, Lot 067 in Assessor's Block 3724, (hereinafter "project site") to expand an existing wireless telecommunications service facility by adding up to six panel antennas on an existing parking garage as part of Verizon’s wireless telecommunications network within the P (Public) District and the 90-X and 340-I Height and Bulk District.

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

On March 28, 2011, the Project Sponsor filed an application for a General Plan Referral requesting that the project is determined to be in conformity with the objectives and policies of the General Plan

On September 8, 2011, the San Francisco Planning Commission (hereinafter "Commission") conducted a duly noticed public hearing at a regularly scheduled meeting on the application for a Conditional Use authorization.

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

MOVED, that the Commission hereby authorizes the Conditional Use in Application No. 2011.0117CR, subject to the conditions contained in "EXHIBIT A" of this motion, based on the following findings:

FINDINGS

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

1. The above recitals are accurate and constitute findings of this Commission.
2. **Site Description and Present Use.** The project is located on south side of Mission Street between Fourth and Fifth Streets, Lot 067 in Assessor's Block 3724. This site is within the "P" (Public) Zoning District and a 90-X/340-I Height and Bulk District. The project site is entirely occupied by the Fifth and Mission Parking Garage, which is owned by the City and County of San Francisco. The parking structure contains a variety of ground-floor commercial uses. Additionally, several wireless carriers have WTS installations on the parking structure.
3. **Surrounding Properties and Neighborhood.** The subject property is located in the SOMA neighborhood of San Francisco. The area surrounding the project site is characterized by large-scale uses including the Westfield Shopping Center, the Metreon, the Yerba Buena Center, the Moscone Convention Center and large tourist hotels. A variety of commercial establishments are located within ground floor storefronts in the area, including restaurants, bars, apparel stores, convenience stores, and other types of retailers. The scale of development varies from two-story buildings to high-rise structures in excess of 300 feet.
4. **Project Description.** The proposal is to expand an existing macro-cellular Verizon wireless telecommunications service ("WTS") installation by adding up to six panel antennas to the site, which currently contains three panel antennas and associated equipment. The new antennas would be located on a rooftop penthouse structure found at the northwest corner of the subject building, which is commonly known as the Fifth

and Mission Garage. The antennas are proposed on a Location Preference 1 Site (Preferred Location – Public Structure Site) according to the WTS Siting Guidelines. The proposed antennas would measure approximately 50 inches high by 9 inches wide by 7 inches thick. All six antennas would be mounted at a maximum height of approximately 81 feet above grade on the northwest and southwest facades of the penthouse and would be painted to match their mounting surfaces. “Blinders” would be installed on the sides of each individual antenna so as to screen the mounting hardware, cables and cable connections.

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

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

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

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

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

¹ PC Resolution 16539, passed March 13, 2003.

On September 8, 2011, the Commission conducted a duly noticed public hearing at a regularly scheduled meeting on the application for a Conditional Use authorization pursuant to Planning Code Section 234.2 to expand a wireless telecommunications facility by adding up to six panel antennas to an existing parking garage as part of Verizon's wireless telecommunications network.

6. **Location Preference.** The *WTS Facilities Siting Guidelines* identify different types of buildings for the siting of wireless telecommunications facilities. Under the *Guidelines*, the Project is a Location Preference Number 1, as it is a preferred location for an industrial or commercial structure.
7. **Radio Waves Range.** The Project Sponsor has stated that the proposed wireless network will transmit calls by radio waves operating in the 1710 - 2170 Megahertz (MHZ) bands, which is regulated by the Federal Communications Commission (FCC) and which must comply with the FCC-adopted health and safety standards for electromagnetic radiation and radio frequency radiation.
8. **Radiofrequency (RF) Emissions:** The project sponsor retained Hammett & Edison, Inc., a radio engineering consulting firm, to prepare a report describing the expected RF emissions from the proposed facility. Pursuant to the *Guidelines*, the Department of Public Health reviewed the report and determined that the proposed facility complies with the standards set forth in the *Guidelines*.
9. **Department of Public Health Review and Approval.** The proposed project was referred to the Department of Public Health (DPH) for emissions exposure analysis. Existing RF levels at ground level were around 1% of the FCC public exposure limit. There were no other antennas observed within 100 feet of this site. Verizon Wireless proposes to install six new antennas. The antennas will be mounted at a height of 81 feet above the ground. The estimated ambient RF field from the proposed Verizon Wireless transmitters at ground level is calculated to be 0.0036 mW/sq cm., which is 0.6% of the FCC public exposure limit. The three dimensional perimeter of RF levels equal to the public exposure limit extends between 12 and 34 feet and does not reach any publicly accessible areas. Warning signs must be posted at the antennas and roof access points in English, Spanish, and Chinese. Workers should not have access to within 15 feet of the front of the antennas while in operation.
10. **Maintenance Schedule.** The proposed facility would operate without on-site staff but with a two-person maintenance crew visiting the property approximately once a month and on an as-needed basis to service and monitor the facility.
11. **Community Outreach.** Per the *Guidelines*, the project sponsor held a Community Outreach Meeting for the proposed project. The meeting was held at 5:30 p.m. on June 27, 2011 at the Project Site.

12. **Five-year plan:** Per the *Guidelines*, the project sponsor submitted its latest five-year plan, as required, in April 2011.
13. **Public Comment.** The Department has not received public comment on the project.
14. **Planning Code Compliance.** The Commission finds that the Project is consistent with the relevant provisions of the Planning Code in the following manner:
 - A. **Use.** Per Planning Code Section 234.2, a Conditional Use authorization is required for the installation of other uses such as wireless transmission facilities.
15. **Planning Code Section 303** establishes criteria for the Planning Commission to consider when reviewing applications for Conditional Use approval. On balance, the project does comply with said criteria in that:
 - A. The proposed new uses and building, at the size and intensity contemplated and at the proposed location, will provide a development that is necessary or desirable, and compatible with, the neighborhood or the community.

- i Desirable: San Francisco is a leader of the technological economy; it is important and desirable to the vitality of the city to have and maintain adequate telecommunications coverage and data capacity. This includes the installation and upgrading of systems to keep up with changing technology and increases in usage. It is desirable for the City to allow wireless facilities to be installed.*

The proposed project at 801-833 Mission Street will be generally desirable and compatible with the surrounding neighborhood because the project will not conflict with the existing uses of the property and will be of such size and nature to be compatible with the surrounding nature of the vicinity. The approval of this authorization has been found, first and foremost, to insure public safety, and insure that the placement of antennas and related support and protection features are so located, designed, and treated architecturally to minimize their visibility from public places, to avoid intrusion into public vistas, avoid disruption of the architectural design integrity of building and insure harmony with neighborhood character. The project has been reviewed and determined to not cause the removal or alteration of any significant architectural features on the subject building.

- ii Necessary: In the case of wireless installations, there are two criteria that the Commission reviews: coverage and capacity.*

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

Thus, telecommunication carriers often install additional installations to make sure coverage is sufficient.

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

The proposed project at 801-833 Mission Street is necessary in order to achieve sufficient street and in-building mobile phone coverage. Recent drive tests in the subject area conducted by the Verizon Wireless Radio Frequency Engineering Team provide conclusive evidence that the subject property is the most viable location, based on factors including quality of coverage, population density, land use compatibility, zoning and aesthetics. The proposed coverage area will serve the vicinity bounded Market Street, Howard Street, Fourth Street and Sixth Street, as indicated in the coverage maps. This facility will fill in the gaps to improve coverage in the project area, as well as to provide necessary facilities for emergency transmission and improved communication for the neighborhood, community and the region.

- B. The proposed project will not be detrimental to the health, safety, convenience or general welfare of persons residing or working in the vicinity. There are no features of the project that could be detrimental to the health, safety or convenience of those residing or working the area, in that:
- i Nature of proposed site, including its size and shape, and the proposed size, shape and arrangement of structures;

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

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

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

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

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

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

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

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

The proposed antennas are proposed to be installed on an existing penthouse and painted to match the penthouse surface. "Blinders" would be installed to hide the antenna mounting hardware, cables and cable connections. The proposal, located over 80 feet above grade, is small in size and is minimally visible at the pedestrian level. The project will not affect the existing landscaping.

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

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

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

HOUSING ELEMENT

BALANCE HOUSING CONSTRUCTION AND COMMUNITY INFRASTRUCTURE

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

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

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

The project will improve Verizon Wireless coverage in residential, commercial and recreational areas along primary transportation routes in San Francisco.

URBAN DESIGN

HUMAN NEEDS

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

POLICY 4.14 - Remove and obscure distracting and cluttering elements.

The proposed antennas are proposed to be installed on an existing penthouse and painted to match the penthouse surface. “Blinders” would be installed to hide the antenna mounting hardware, cables and cable connections. The antennas and associated equipment are minimally visible from the street.

COMMERCE AND INDUSTRY ELEMENT

Objectives and Policies

OBJECTIVE 1:

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

Policy 1:

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

Policy 2:

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

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

OBJECTIVE 2:

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

Policy 1:

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

Policy 3:

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

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

OBJECTIVE 4:

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

Policy 1:

Maintain and enhance a favorable business climate in the City.

Policy 2:

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

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

VISITOR TRADE

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

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

The Project will ensure that residents and visitors have adequate public service in the form of Verizon Wireless mobile telecommunications.

COMMUNITY SAFETY ELEMENT

Objectives and Policies

OBJECTIVE 3:

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

PREPARATION.

Policy 1:

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

Policy 2:

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

Policy 3:

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

Policy 4:

Establish and maintain an adequate Emergency Operations Center.

Policy 5:

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

Policy 6:

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

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

17. **Planning Code Section 101.1(b)** establishes eight priority-planning policies and requires review of permits for consistency with said policies. On balance, the project does comply with said policies in that:

A. That existing neighborhood-serving retail uses be preserved and enhanced and future opportunities for resident employment in and ownership of such businesses be enhanced.

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

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

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

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

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

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

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

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

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

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

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

- G. That landmarks and historic buildings be preserved.

The Project Site does not contain a landmark or historic building.

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

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

18. The Project is consistent with and would promote the general and specific purposes of the Code provided under Section 101.1(b) in that, as designed, the Project would contribute to the character and stability of the neighborhood and would constitute a beneficial development.

19. The Commission hereby finds that approval of the Determination of Compliance authorization would promote the health, safety and welfare of the City.

DECISION

The Commission, after carefully balancing the competing public and private interests, and based upon the Recitals and Findings set forth above, in accordance with the standards specified in the Code, hereby approves the Conditional Use authorization under Planning Code Sections 234.2 and 303 to install up to six panel antennas at the Project Site and as part of a wireless transmission network operated by Verizon Wireless on a Location Preference 1 (Preferred Location – Public Structure Site) according to the Wireless Telecommunications Services (WTS) Siting Guidelines, within a P (Public) Zoning District and a 90-X and 340-I Height and Bulk District and subject to the conditions of approval attached hereto as **Exhibit A**.

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

I hereby certify that the foregoing Motion was adopted by the Planning Commission on September 8, 2011.

Linda Avery
Commission Secretary

AYES:

NAYS:

ABSENT:

ADOPTED: September 8, 2011

EXHIBIT A

AUTHORIZATION

This authorization is for a Conditional Use Authorization under Planning Code Sections 234.2 and 303 to expand an existing Verizon wireless telecommunications service facility by adding up to six panel antennas, a Location Preference 1 (Preferred Location – Public Structure Site) according to the Wireless Telecommunications Services (WTS) Siting Guidelines, as part of Verizon's wireless telecommunications network within a P (Public) Zoning District and a 90-X and 340-I Height and Bulk District.

RECORDATION OF CONDITIONS OF APPROVAL

Prior to the issuance of the building permit or commencement of use for the Project the Zoning Administrator shall approve and order the recordation of a Notice in the Official Records of the Recorder of the City and County of San Francisco for the subject property. This Notice shall state that the project is subject to the conditions of approval contained herein and reviewed and approved by the Planning Commission on **September 8, 2011** under Motion No. XXXXX.

PRINTING OF CONDITIONS OF APPROVAL ON PLANS

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

SEVERABILITY

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

CHANGES AND MODIFICATIONS

Changes to the approved plans may be approved administratively by the Zoning Administrator. Significant changes and modifications of conditions shall require Planning Commission approval of a new Conditional Use authorization.

Conditions of Approval, Compliance, Monitoring, and Reporting

PERFORMANCE

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

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

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

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

DESIGN – COMPLIANCE AT PLAN STAGE

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

For information about compliance, contact the Case Planner, Planning Department at 415-558-6613, www.sf-planning.org.

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

For information about compliance, contact the Case Planner, Planning Department at 415-558-6613, www.sf-planning.org.

MONITORING - AFTER ENTITLEMENT

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

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

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

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

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

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

8. **Implementation Costs - WTS.**

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

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

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

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

10. **Project Implementation Report - WTS.** The Project Sponsor shall prepare and submit to the Zoning Administrator a Project Implementation Report. The Project Implementation Report shall:

- a. Identify the three dimensional perimeter closest to the facility at which adopted FCC standards for human exposure to RF emissions in uncontrolled areas are satisfied;

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

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

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

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

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

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

13. **Periodic Safety Monitoring - WTS.** The Project Sponsor shall submit to the Zoning Administrator 10 days after installation of the facilities, and every two years thereafter, a certification attested to by a licensed engineer expert in the field of EMR/RF emissions, that the facilities are and have been operated within the then current applicable FCC standards for RF/EMF emissions.
For information about compliance, contact the Environmental Health Section, Department of Public Health at (415) 252-3800, www.sfdph.org.

OPERATION

14. **Community Liaison.** Prior to issuance of a building permit application to construct the project and implement the approved use, the Project Sponsor shall appoint a community liaison officer to deal with the issues of concern to owners and occupants of nearby properties. The Project Sponsor shall provide the Zoning Administrator written notice of the name, business address, and telephone number of the community liaison. Should the contact information change, the Zoning Administrator shall be made aware of such change. The community liaison shall report to the Zoning Administrator what issues, if any, are of concern to the community and what issues have not been resolved by the Project Sponsor.
For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, www.sf-planning.org
15. **Out of Service – WTS.** The Project Sponsor or Property Owner shall remove antennae and equipment that has been out of service or otherwise abandoned for a continuous period of six months.
For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, www.sf-planning.org
16. **Emissions Conditions – WTS.** It is a continuing condition of this authorization that the facilities be operated in such a manner so as not to contribute to ambient RF/EMF emissions in excess of then current FCC adopted RF/EMF emission standards; violation of this condition shall be grounds for revocation.
For information about compliance, contact the Environmental Health Section, Department of Public Health at (415) 252-3800, www.sfdph.org.
17. **Noise and Heat – WTS.** The WTS facility, including power source and cooling facility, shall be operated at all times within the limits of the San Francisco Noise Control Ordinance. The WTS facility, including power source and any heating/cooling facility, shall not be operated so as to cause the generation of heat that adversely affects a building occupant.
For information about compliance, contact the Environmental Health Section, Department of Public Health at (415) 252-3800, www.sfdph.org.
18. **Transfer of Operation – WTS.** Any carrier/provider authorized by the Zoning Administrator or by the Planning Commission to operate a specific WTS installation may assign the operation of the facility to another carrier licensed by the FCC for that radio frequency

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

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

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

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

G:\DOCUMENTS\Projects\CU\833 Mission Street\2010.1017CR\833 Mission Street Draft Motion - 2010.1017CR.doc



SAN FRANCISCO PLANNING DEPARTMENT

Subject to: (Select only if applicable)

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

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

Reception:
415.558.6378

Fax:
415.558.6409

Planning
Information:
415.558.6377

Planning Commission Motion No. XXXXX

HEARING DATE: SEPTEMBER 8, 2011

Date: September 1, 2011
Case No.: **2011.1017CR**
Project Address: **801-833 Mission Street**
Current Zoning: P (Public) District
 90-X/340-I Height and Bulk District
Block/Lot: 3724/067
Project Sponsor: Bradley Head of NSA Wireless for
 Verizon Wireless
 2000 Crow Canyon Place #400
 San Ramon, CA 94583
Staff Contact: Aaron Hollister – (415) 575-9078
 aaron.hollister@sfgov.org

ADOPTING FINDINGS RELATING TO THE DETERMINATION THAT THE EXPANSION OF AN EXISTING WIRELESS TELECOMMUNICATIONS SERVICE FACILITY BY ADDING UP TO SIX PANEL ANTENNAS ON AN EXISTING PARKING GARAGE AS PART OF VERIZON’S WIRELESS TELECOMMUNICATIONS NETWORK IS IN CONFORMITY WITH THE OBJECTIVES AND POLICIES OF THE GENERAL PLAN WITHIN THE P (PUBLIC) DISTRICT AND A 90-X/340-I HEIGHT AND BULK DISTRICT.

PREAMBLE

On March 28, 2011, Verizon Wireless (hereinafter "Project Sponsor"), made an application (hereinafter "application") pursuant to Chapter 2A, Section 2a.53 of the Administrative Code, to request a determination that the expansion of a an existing wireless telecommunications service facility by adding up to six panel antennas on an existing parking garage as part of Verizon’s wireless telecommunications network is in conformity with the objectives and policies of the General Plan on the property at 801-833 Mission Street, Lot 067 in Assessor's Block 3724, (hereinafter "project site") to install a wireless telecommunications service facility within the P (Public) District and a 90-X and 340-I Height and Bulk District.

The project is exempt from the California Environmental Quality Act (“CEQA”) as a Class 3 categorical exemption (Section 15303 of the California Environmental Quality Act). The Commission has reviewed and concurs with said determination. The categorical exemption and

all pertinent documents may be found in the files of the Planning Department (hereinafter "Department"), as the custodian of records, at 1650 Mission Street, San Francisco.

On February 9, 2011, the Project Sponsor filed an application for Conditional Use authorization for the installation of a wireless telecommunications service facility pursuant to Planning Code Section 234.2.

On September 8, 2011, the San Francisco Planning Commission (hereinafter "Commission") conducted a duly noticed public hearing at a regularly scheduled meeting on the application for a General Plan Referral.

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

MOVED, that the Commission hereby finds that the Project will affirmatively promote, be consistent with, and will not adversely affect the General Plan, including, among others, the following objectives and policies:

FINDINGS

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

1. The above recitals are accurate and constitute findings of this Commission.
2. **Site Description and Present Use.** The project is located on south side of Mission Street between Fourth and Fifth Streets, Lot 067 in Assessor's Block 3724. This site is within the "P" (Public) Zoning District and a 90-X/340-I Height and Bulk District. The project site is entirely occupied by the Fifth and Mission Parking Garage, which is owned by the City and County of San Francisco. The parking structure contains a variety of ground-floor commercial uses. Additionally, several wireless carriers have WTS installations on the parking structure.
3. **Surrounding Properties and Neighborhood.** The subject property is located in the SOMA neighborhood of San Francisco. The area surrounding the project site is characterized by large-scale uses including the Westfield Shopping Center, the Metreon, the Yerba Buena Center, the Moscone Convention Center and large tourist hotels. A variety of commercial establishments are located within ground floor storefronts in the area, including restaurants, bars, apparel stores, convenience stores, and other types of retailers. The scale of development varies from two-story buildings to high-rise structures in excess of 300 feet.
4. **Project Description.** The proposal is to expand an existing macro-cellular Verizon wireless telecommunications service ("WTS") installation by adding up to six panel

antennas to the site, which currently contains three panel antennas and associated equipment. The new antennas would be located on a rooftop penthouse structure found at the northwest corner of the subject building, which is commonly known as the Fifth and Mission Garage. The antennas are proposed on a Location Preference 1 Site (Preferred Location – Public Structure Site) according to the WTS Siting Guidelines. The proposed antennas would measure approximately 50 inches high by 9 inches wide by 7 inches thick. All six antennas would be mounted at a maximum height of approximately 81 feet above grade on the northwest and southwest facades of the penthouse and would be painted to match their mounting surfaces. “Blinders” would be installed on the sides of each individual antenna so as to screen the mounting hardware, cables and cable connections.

5. **General Plan Compliance.** The Project will affirmatively promote, be consistent with, and will not adversely affect the General Plan, including, among others, the following objectives and policies:

HOUSING ELEMENT

BALANCE HOUSING CONSTRUCTION AND COMMUNITY INFRASTRUCTURE

OBJECTIVE 12 – BALANCE HOUSING GROWTH WITH ADEQUATE INFRASTRUCTURE THAT SERVES THE CITY’S GROWING POPULATION.

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

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

The project will improve Verizon Wireless coverage in residential, commercial and recreational areas along primary transportation routes in San Francisco.

URBAN DESIGN

HUMAN NEEDS

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

POLICY 4.14 - Remove and obscure distracting and cluttering elements.

The proposed antennas are proposed to be installed on an existing penthouse and painted to match the penthouse surface. “Blinders” would be installed to hide the antenna mounting hardware, cables and cable connections. The antennas and associated equipment are minimally visible from the street.

COMMERCE AND INDUSTRY ELEMENT

Objectives and Policies

OBJECTIVE 1:

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

Policy 1:

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

Policy 2:

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

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

OBJECTIVE 2:

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

Policy 1:

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

Policy 3:

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

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

OBJECTIVE 4:

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

Policy 1:

Maintain and enhance a favorable business climate in the City.

Policy 2:

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

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

VISITOR TRADE

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

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

The Project will ensure that residents and visitors have adequate public service in the form of Verizon Wireless mobile telecommunications.

COMMUNITY SAFETY ELEMENT

Objectives and Policies

OBJECTIVE 3:

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

Policy 1:

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

Policy 2:

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

Policy 3:

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

Policy 4:

Establish and maintain an adequate Emergency Operations Center.

Policy 5:

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

Policy 6:

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

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

6. **Planning Code Section 101.1(b)** establishes eight priority-planning policies and requires review of permits for consistency with said policies. On balance, the project does comply with said policies in that:

- A. That existing neighborhood-serving retail uses be preserved and enhanced and future opportunities for resident employment in and ownership of such businesses be enhanced.

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

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

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

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

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

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

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

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

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

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

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

- G. That landmarks and historic buildings be preserved.

The Project Site does not contain a landmark or historic building.

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

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

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

DECISION

The Commission, after carefully balancing the competing public and private interests, and based upon the Recitals and Findings set forth above, in accordance with the standards specified in the Code, hereby approves the General Plan Referral for the expansion of an existing WTS facility by adding up to six panel antennas and associated equipment cabinets at the Project Site and as part of a wireless transmission network operated by Verizon Wireless on a Location Preference 1 (Preferred Location – Public Structure Site) according to the Wireless Telecommunications Services (WTS) Siting Guidelines, within a P (Public) Zoning District and a 90-X and 340-I Height and Bulk District.

I hereby certify that the foregoing Motion was adopted by the Planning Commission on **September 8, 2011**.

Linda Avery
Commission Secretary

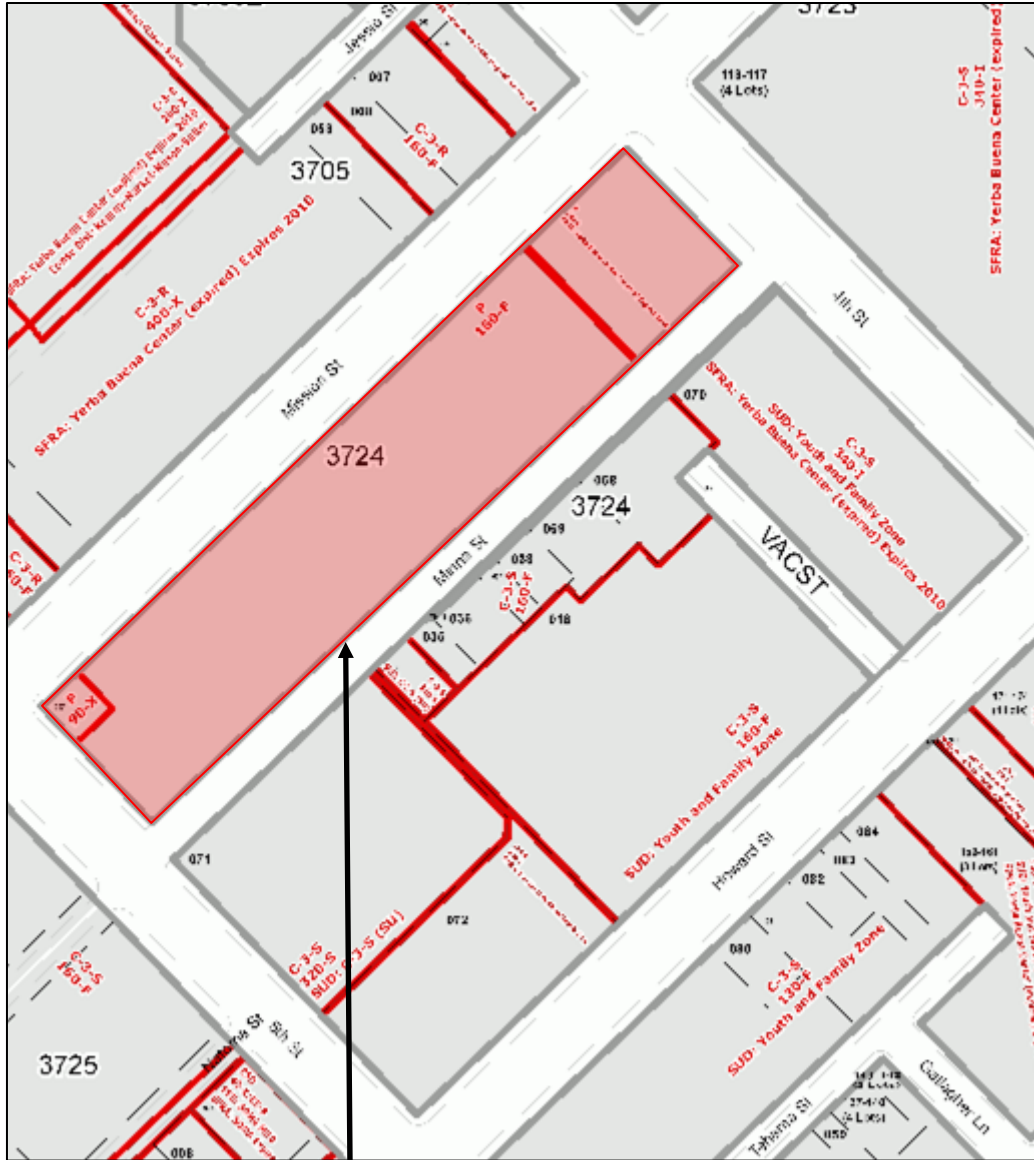
AYES:

NAYS:

ABSENT:

ADOPTED: September 8, 2011

Parcel Map

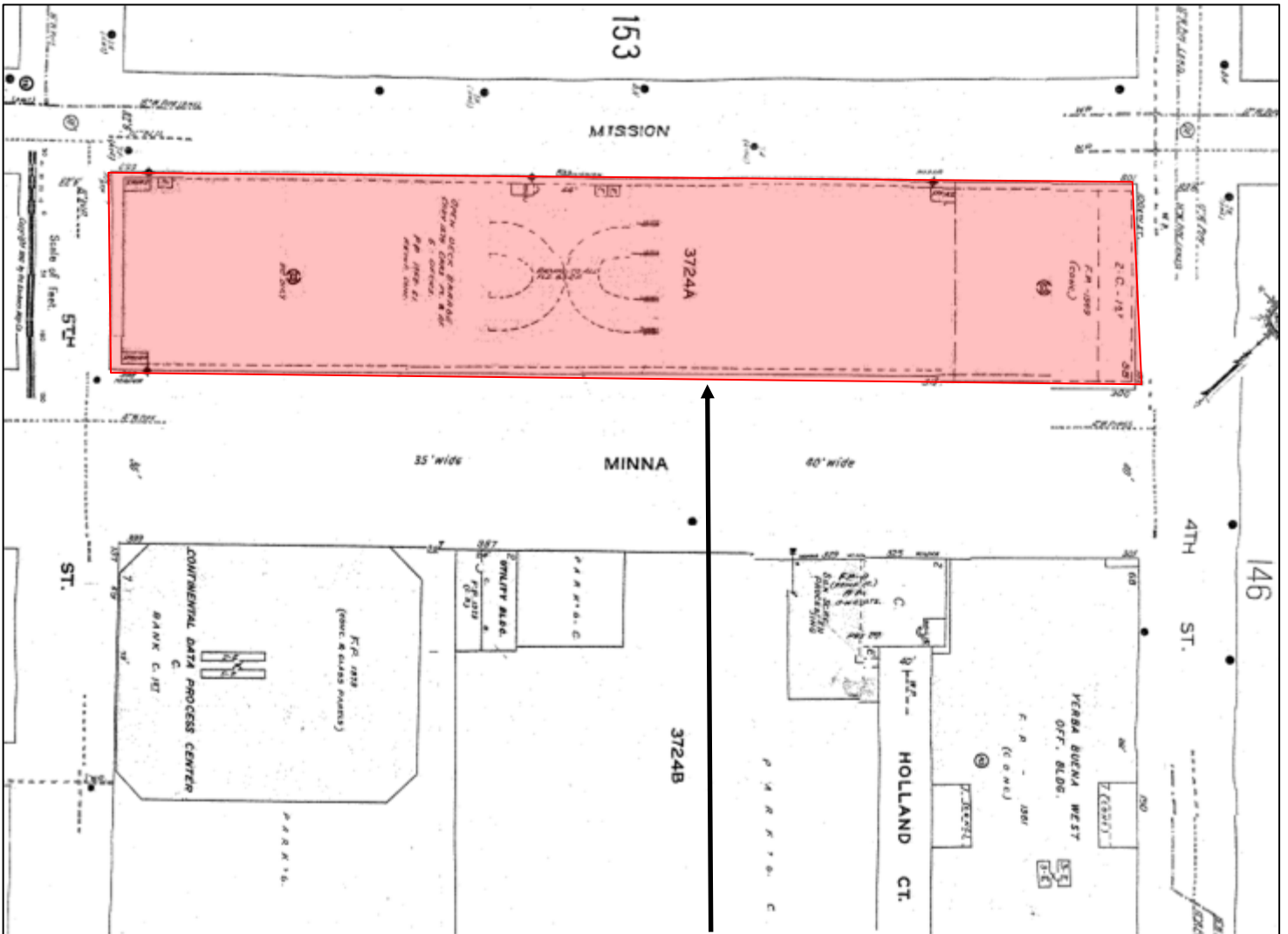


SUBJECT PROPERTY



Case Number 2011.0117CR
AT&T Mobility WTS Facility
801-833 Mission Street

Sanborn Map*



SUBJECT PROPERTY

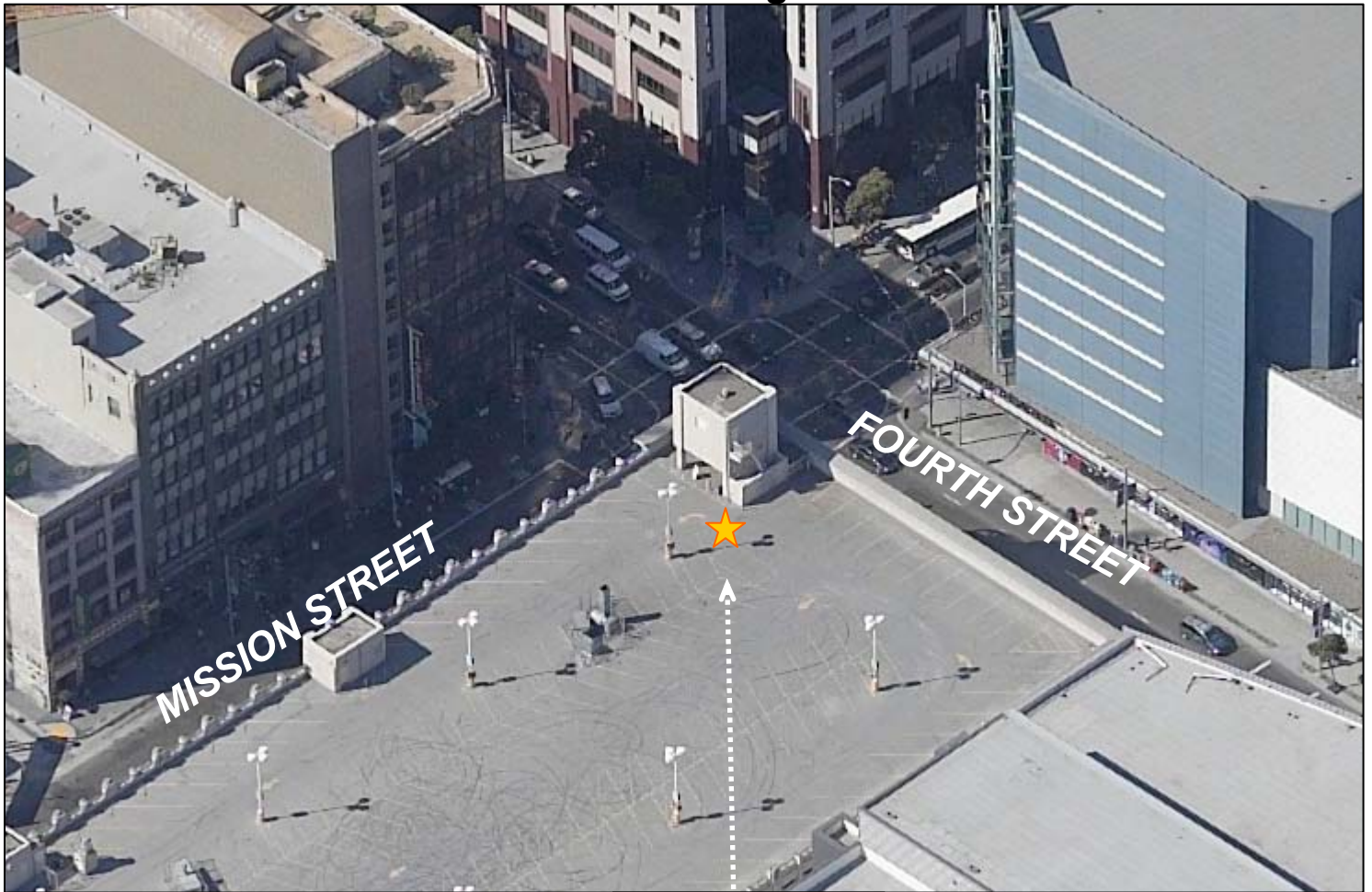
*The Sanborn Maps in San Francisco have not been updated since 1998, and this map may not accurately reflect existing conditions.



Case Number 2011.0117CR
AT&T Mobility WTS Facility
801-833 Mission Street

Aerial Photo

North-Facing



SUBJECT PROPERTY



Case Number 2011.0117CR
AT&T Mobility WTS Facility
801-833 Mission Street

Aerial Photo

West-Facing



SUBJECT PROPERTY



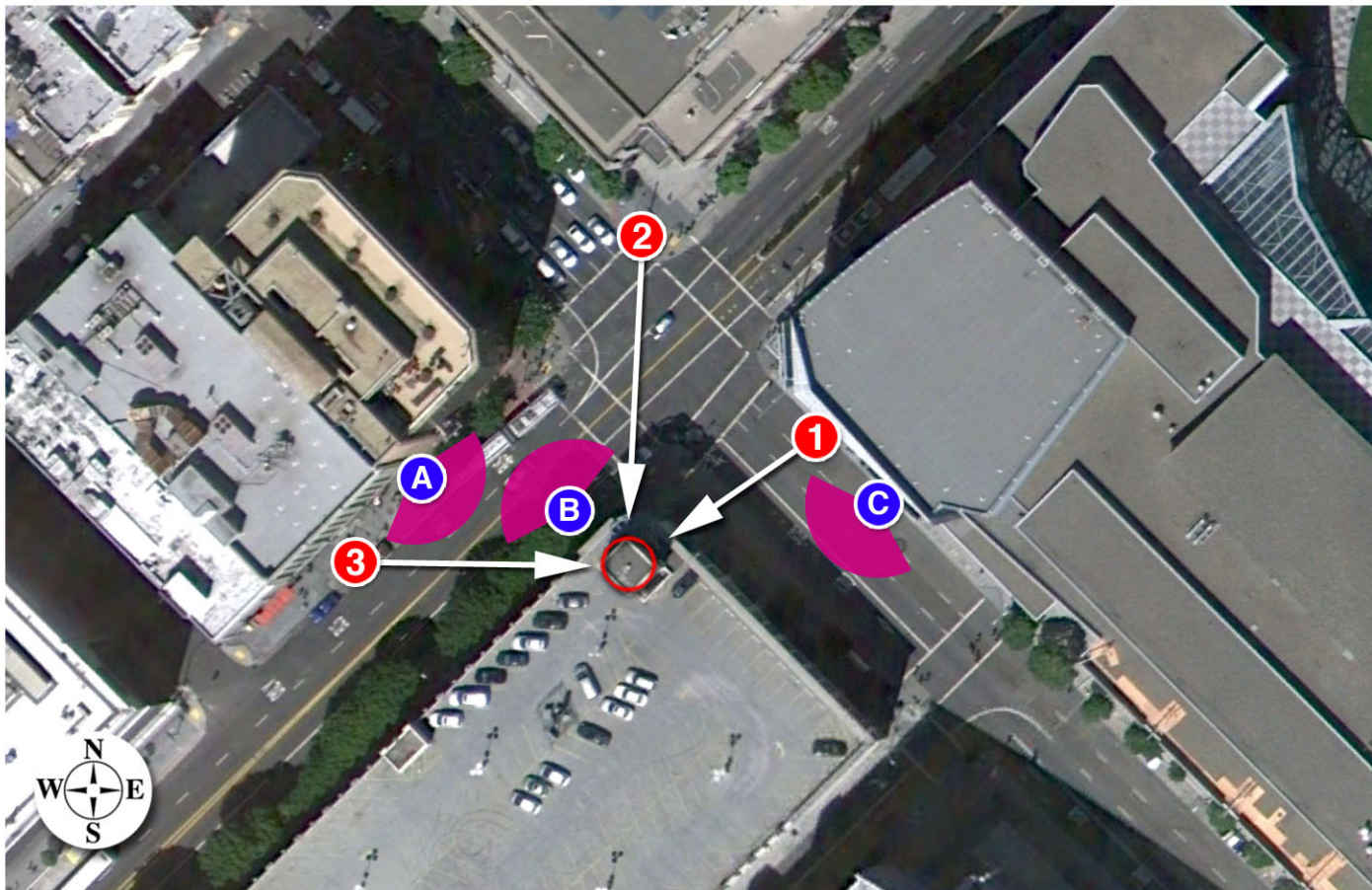
Zoning Map

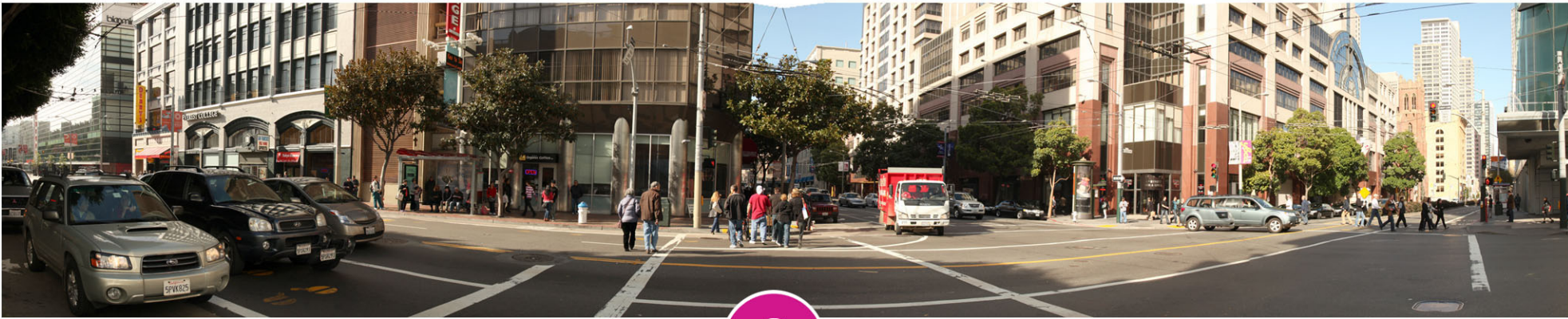
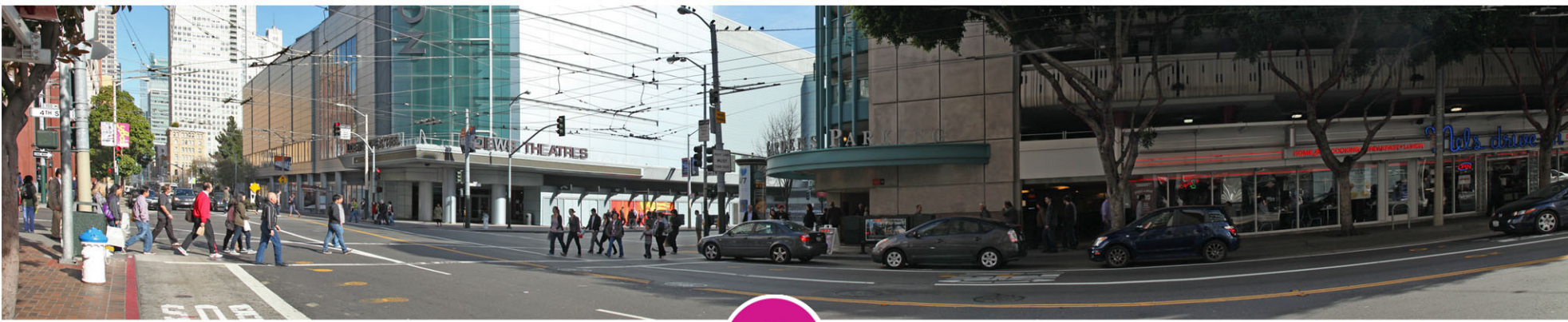


SUBJECT PROPERTY



Case Number 2011.0117CR
AT&T Mobility WTS Facility
801-833 Mission Street







Existing



proposed antennas not visible

Proposed



Existing



proposed antennas

Proposed

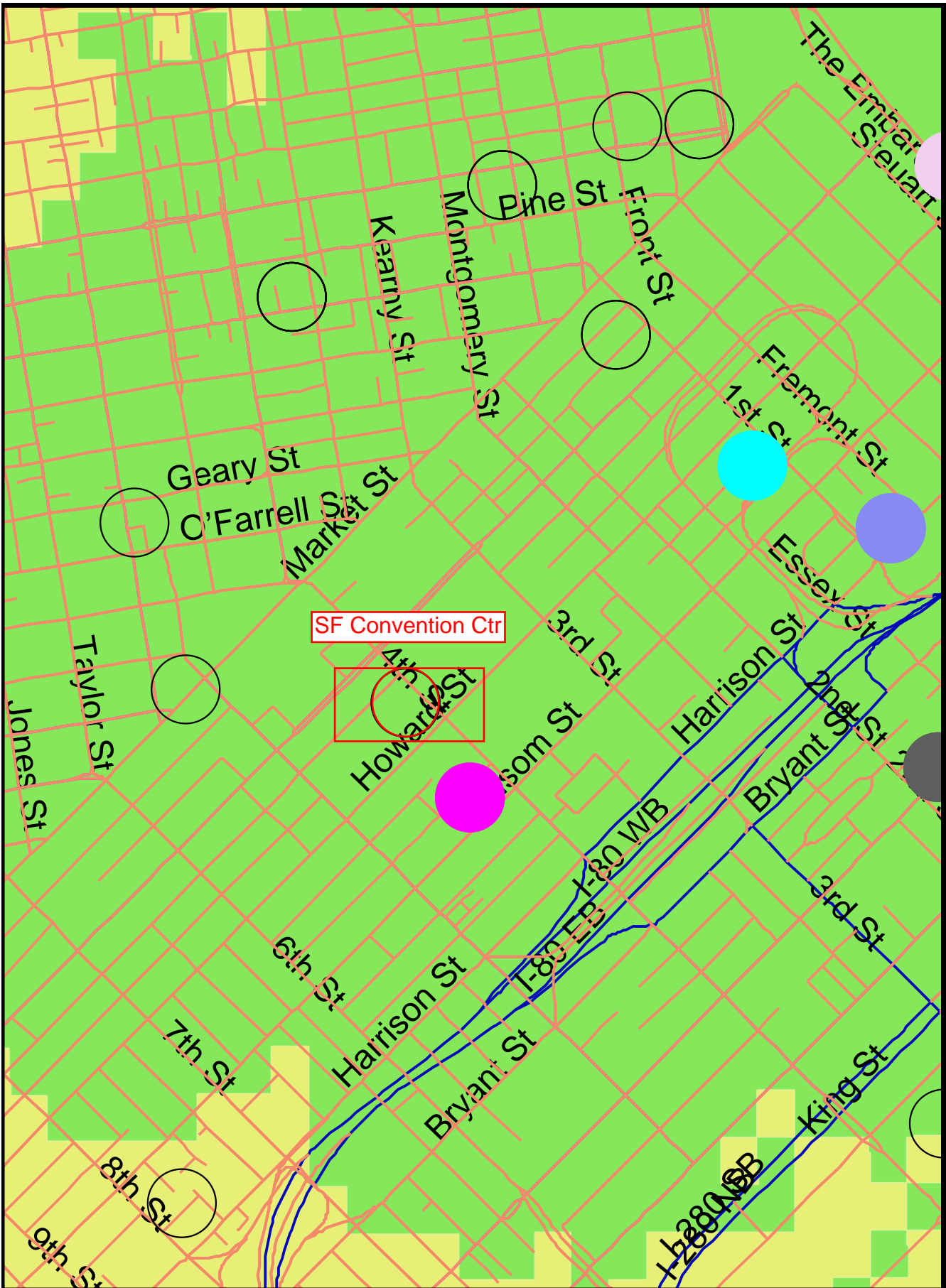
Proposed work is to enable faster data transfer and greater capacity for receiving calls.

Green = Good

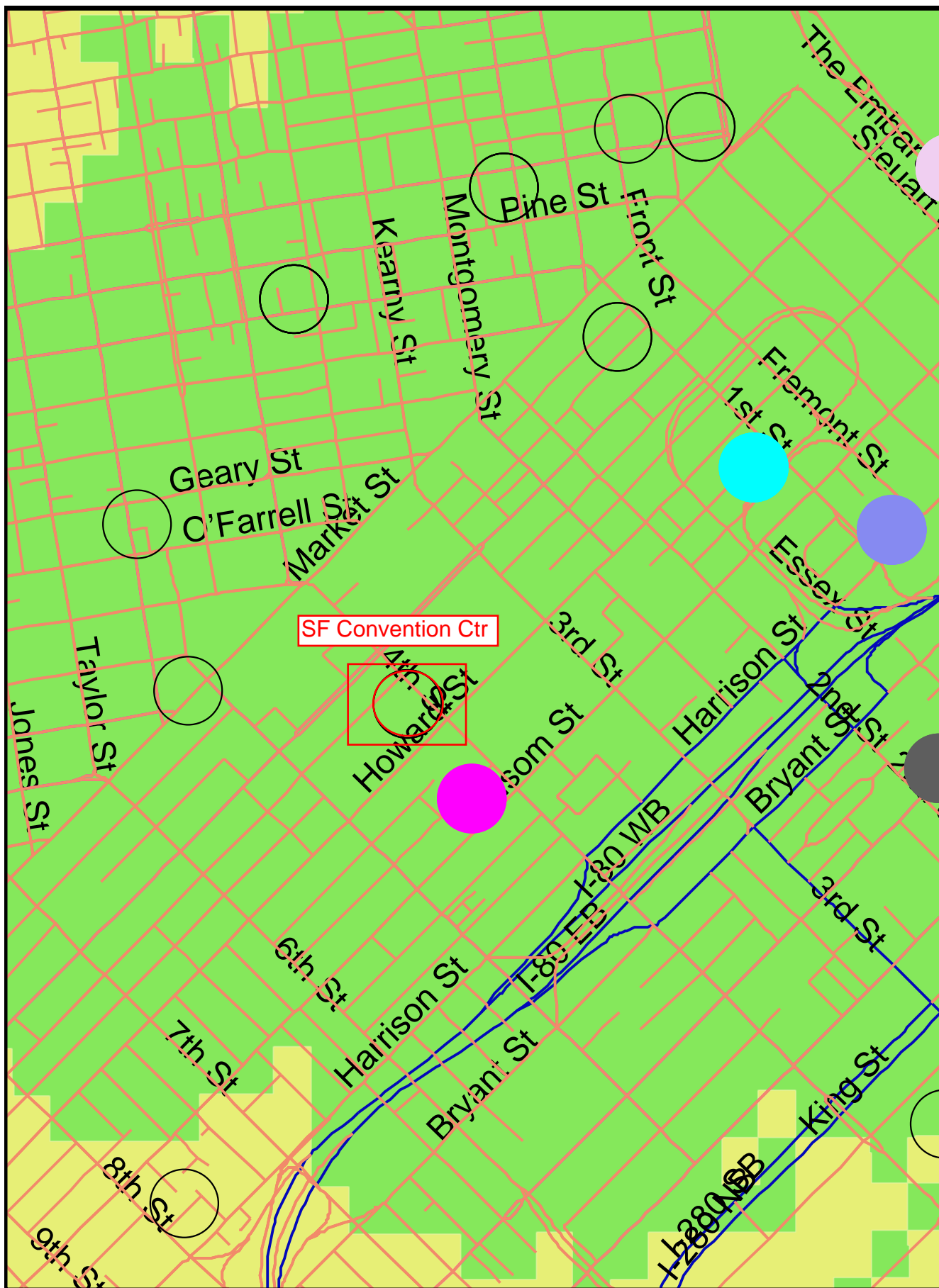
Yellow = Fair

Red = Poor

White = None



*The proposed work will not change coverage, but will provide faster access to data and greater capacity to receive calls.



Green = Good

Yellow = Fair

Red = Poor

White = None

**Site Compliance Report
Verizon Wireless Site 123689, SF
Convention Center**

5th & Mission Street San Francisco, CA 94105
Structure Type: Parking Structure

Site visit date: April 19, 2010
Site survey by: Scott Hoy

**Verizon Wireless is Conditionally Compliant
based on FCC Rules and Regulations.**

© 2010 Sitesafe, Inc. Arlington, VA



NSA Wireless on behalf of Verizon Wireless proposes to add antennas and equipment to site 12689, the SF Convention Center.

Sitesafe has measured the current RF environment and modeled the proposed antenna placements and found this site as designed will be compliant with the Federal Communications (FCC) regulations regarding RF emissions and the environment.

The following report includes a list of antennas at the site along with measurements and a modeling of the rooftop of the parking structure. All accessible areas are below FCC limits for the General Population.

My Certificate indicates that I am registered as a Professional Engineer in the jurisdiction indicated in the professional engineering stamp on the cover of this document; and That I am an employee of Sitesafe, Inc., in Arlington, Virginia, at which place the staff and I provide RF compliance services to clients in the wireless communications industry; and That I am thoroughly familiar with the Rules and Regulations of the Federal Communications Commission (FCC) as well as the regulations of the Occupational Safety and Health Administration (OSHA), both in general and specifically as they apply to the FCC Guidelines for Human Exposure to Radio-frequency Radiation



David Charles Cotton, Jr.
Registered Professional Engineer (Electrical)
State of California, 18838, Expires 30-Jun-2011
Date: 2011-Feb-02



Antenna Details

The following information was utilized to create the site model diagrams. Maximum ERP's are listed. Distances to the Occupational and General Population Exposure Limits are included for each Verizon antenna.

Table 1: Antenna Data

Ant #	Operated By	TX Freq (MHz)	MAX ERP (Watts)	Antenna Gain (dBD)	Az (Deg)	Antenna Model	Ant Type	Len (ft)	Horizontal Half Power Beamwidth (Deg)	Distances Feet		
										OCC Limit	GP Limit	Height AGL
1	Verizon Wireless (Proposed)	850	1500	12.9	340	Andrew LBX-6513DS-VTM	Panel	4	65	11'	24'	78'
2	Verizon Wireless (Proposed)	746	1500	12.4	340	Andrew LNX-6512DS-T4M	Panel	4	65	12'	26'	78'
3	Verizon Wireless (Proposed)	1900	1000	15.9	340	Andrew HBX-6516DS-VTM	Panel	4	65	8'	19'	78'
4	Verizon Wireless	850	1500	12.9	80	Andrew LBX-6513DS-VTM	Panel	4	65	11'	24'	42'
5	Verizon Wireless	746	1500	12.4	80	Andrew LNX-6512DS-T4M	Panel	4	65	12'	26'	42'
6	Verizon Wireless	1900	1000	15.9	80	Andrew HBX-6516DS-VTM	Panel	4	65	8'	19'	42'
7	Verizon Wireless (Proposed)	850	1500	12.9	230	Andrew LBX-6513DS-VTM	Panel	4	65	11'	24'	78'
8	Verizon Wireless (Proposed)	746	1500	12.4	230	Andrew LNX-6512DS-T4M	Panel	4	65	12'	26'	78'
9	Verizon Wireless (Proposed)	1900	1000	15.9	230	Andrew HBX-6516DS-VTM	Panel	4	65	8'	19'	78'
10	Metro PCS	2100	2500	15.7	0	Panel	Panel	4	120	14'	30'	78'
11	Metro PCS	2100	2500	15.7	90	Panel	Panel	4	120	14'	30'	78'
12	Metro PCS	2100	2500	15.7	180	Panel	Panel	4	120	14'	30'	78'
13	Metro PCS	2100	2500	15.7	340	Panel	Panel	4	120	14'	30'	78'
14	AT&T Mobility	850	47	16	0	Omni	Omni	2	360	1'	4'	18'
15	AT&T Mobility	1900	64	9	0	Omni	Omni	2	360	1'	3'	18'
16	AT&T Mobility	850	47	16	0	Omni	Omni	2	360	1'	4'	18'
17	AT&T Mobility	1900	64	9	0	Omni	Omni	2	360	1'	3'	18'

Diagram and RF Measurements

This section provides a summary of the measurements collected at the site. Actual measurements locations at which these data points were collected are included in the diagram provided below. Spatial peak measurements have been collected. The spatial peak technique involves measuring the highest power density over the dimensions of a typical human body. This is more conservative than Spatial Averaging and is employed where levels are significantly below FCC limits.

FCC limits are based on frequency and as there are multiple frequencies operating at this site there is no direct translation from power density to percent of applicable limit. The most conservative method is to use the frequency operating at this site with the lowest limit which is 850 MHz. That frequency translates to a general population limit of 570 $\mu\text{W}/\text{cm}^2$.

The highest measurement in an accessible area on the rooftop (M1-14) is 4.5 $\mu\text{W}/\text{cm}^2$ which translates to 0.7% of the general population limit

The highest measurement at ground level is 3.6 $\mu\text{W}/\text{cm}^2$ which translates to 0.6% of the general population limit.

Additional measurements were taken on levels 2 through 7 of the garage which were all less than 2.5 $\mu\text{W}/\text{cm}^2$.

Measurements Points	Power Density $\mu\text{W}/\text{cm}^2$	Measurements Points	Power Density $\mu\text{W}/\text{cm}^2$
M1	3.2	M13	4.5
M2	1.3	M14	4.5
M3	2.3	M15	2.0
M4	3.2	M16	2.2
M5	3.4	M17	2.2
M6	3.8	M18	2.2
M7	4.4	M19	2.9
M8	4.4	M20	3.3
M9	4.4	M21	3.4
M10	4.5	M22	3.6
M11	4.5	M23	3.6
M12	4.5	M24	0.51

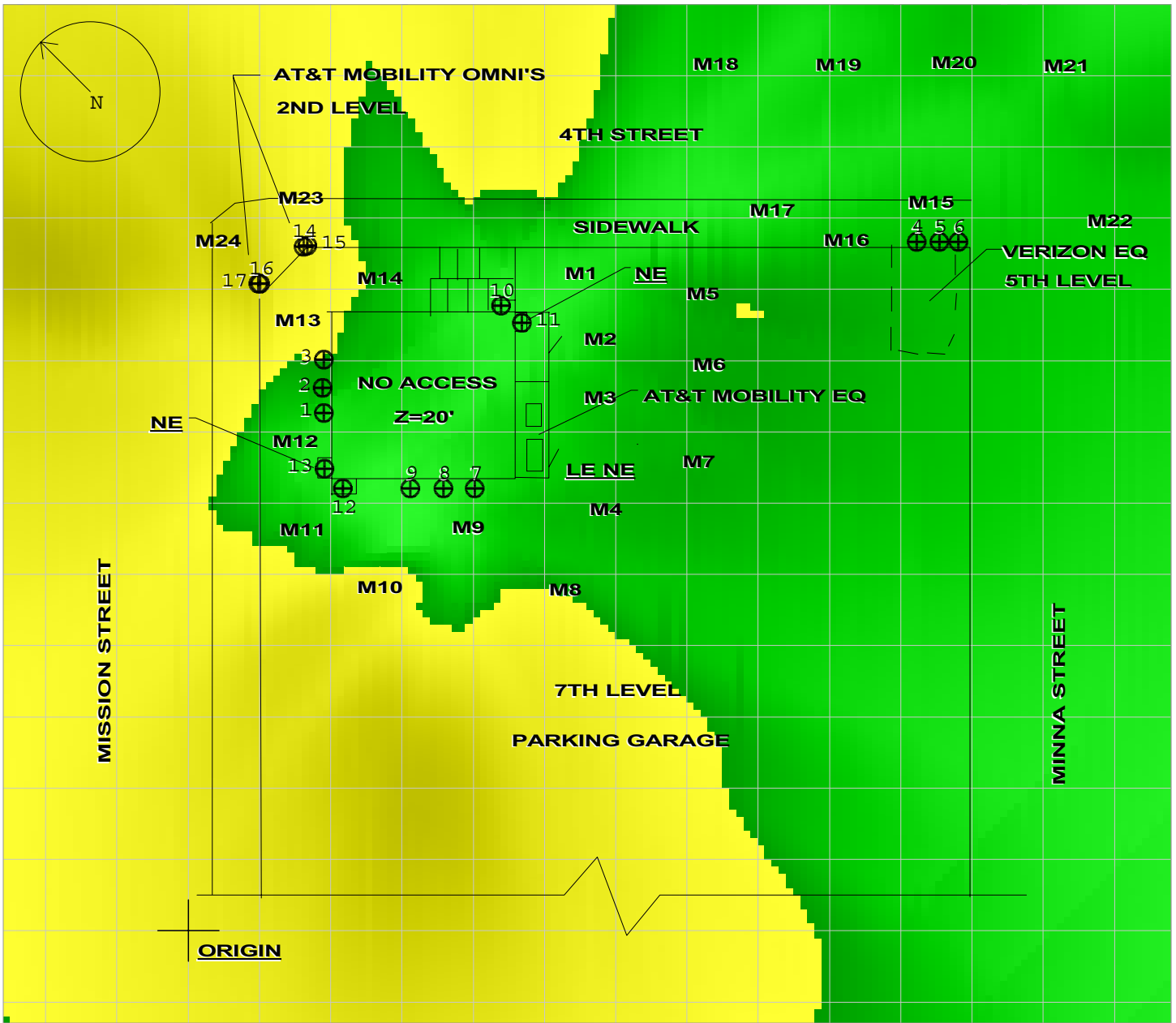
The RF diagram(s) below display theoretical spatially averaged percentage of the Maximum Permissible Exposure for all systems at the site unless otherwise noted. These diagrams use modeling as proscribed in OET Bulletin 65

The key at the bottom of each diagram indicates if percentages displayed are referenced to FCC Occupational or General Public Maximum Permissible Exposure (MPE) limits. Color coding on the diagram is as follows:

- Areas indicated as Gray are below 5% of the MPE limits or below.
- Green represents areas predicted to be between 5% and 20% of the MPE limits.
- Yellow represents areas predicted to be between 20% and 100% of the MPE limits.
- Red areas indicated predicted levels greater than 100% of the MPE limits.

Signage Instructions are included on Construction Drawings

RF Emissions Diagram for: SF Convention Center Main Level



% of FCC Public Exposure Limit
Average from 0 feet above to 6 feet above origin

- $100 \leq X$
- $20 \leq X < 100$
- $5 \leq X < 20$
- $X \leq 5$

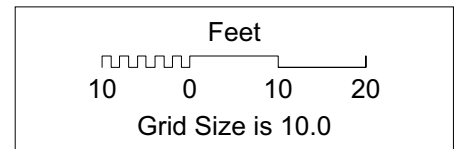


www.sitesafe.com

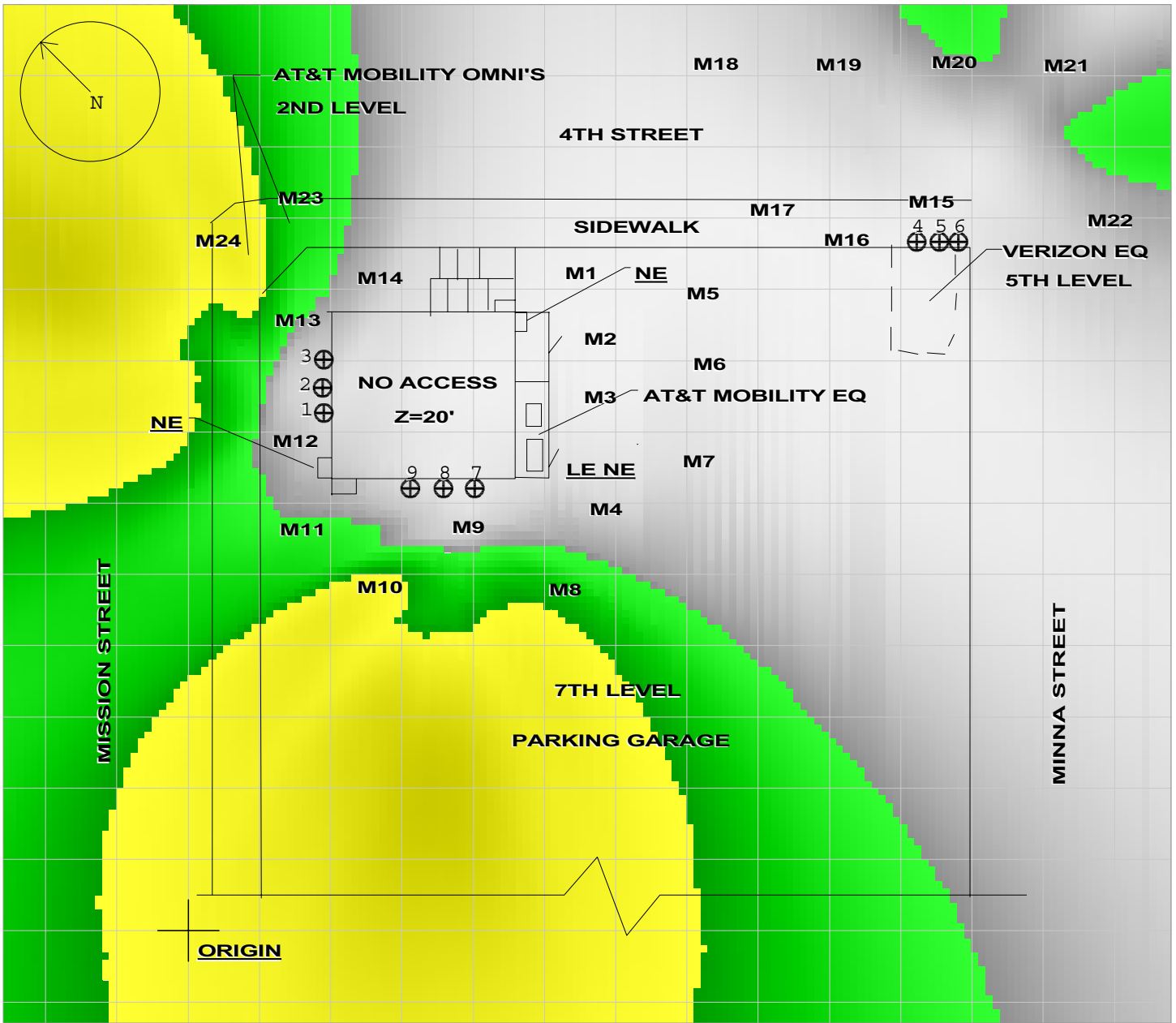
Sitesafe ID# 57996

Site Name: SF Convention Center

Sitesafe Inc. assumes no responsibility for modeling results not verified by Sitesafe personnel.
Contact Sitesafe Inc. for modeling assistance (703) 276-1100.
SitesafeTC Version Unavailable
11/20/2010



RF Emissions Diagram for: SF Convention Center Verizon Wireless Contribution- Main Level

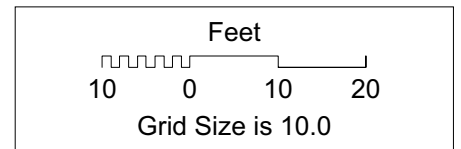


% of FCC Public Exposure Limit
Average from 0 feet above to 6 feet above origin

- $100 \leq X$
- $20 \leq X < 100$
- $5 \leq X < 20$
- $X \leq 5$


www.sitesafe.com
 Sitesafe ID# 57996
 Site Name: SF Convention Center

Sitesafe Inc. assumes no responsibility for modeling results not verified by Sitesafe personnel.
 Contact Sitesafe Inc. for modeling assistance (703) 276-1100.
 Sitesafe/TC Version Unavailable
 11/20/2010





Review of Cellular Antenna Site Proposals

Project Sponsor : Verizon **Planner:** Ionin
RF Engineer Consultant: SiteSafe **Phone Number:** (703) 276-1100
Project Address/Location: 833 Mission St
Site ID: 1143 **SiteNo.:** 123689

The following information is required to be provided before approval of this project can be made. These information requirements are established in the San Francisco Planning Department Wireless Telecommunications Services Facility Siting Guidelines dated August 1996. In order to facilitate quicker approval of this project, it is recommended that the project sponsor review this document before submitting the proposal to ensure that all requirements are included.

- X 1. The location of all existing antennas and facilities. Existing RF levels. (WTS-FSG, Section 11, 2b)
 Existing Antennas No Existing Antennas: 11
- X 2. The location of all approved (but not installed) antennas and facilities. Expected RF levels from the approved antennas. (WTS-FSG Section 11, 2b)
 Yes No
- X 3. The number and types of WTS within 100 feet of the proposed site and provide estimates of cumulative EMR emissions at the proposed site. (WTS-FSG, Section 10.5.2)
 Yes No
- X 4. Location (and number) of the Applicant’s antennas and back-up facilities per building and number and location of other telecommunication facilities on the property (WTS-FSG, Section 10.4.1a)
- X 5. Power rating (maximum and expected operating power) for all existing and proposed backup equipment subject to the application (WTS-FSG, Section 10.4.1c)
 Maximum Power Rating: 3513 watts.
- X 6. The total number of watts per installation and the total number of watts for all installations on the building (roof or side) (WTS-FSG, Section 10.5.1).
 Maximum Effective Radiant: 3513 watts.
- X 7. Preferred method of attachment of proposed antenna (roof, wall mounted, monopole) with plot or roof plan. Show directionality of antennas. Indicate height above roof level. Discuss nearby inhabited buildings (particularly in direction of antennas) (WTS-FSG, Section 10.41d)
- X 8. Report estimated ambient radio frequency fields for the proposed site (identify the three-dimensional perimeter where the FCC standards are exceeded.) (WTS-FSG, Section 10.5) State FCC standard utilized and power density exposure level (i.e. 1986 NCRP, 200 μw/cm²)
 Maximum RF Exposure: 0.0045 mW/cm² Maximum RF Exposure Percent: 0.7
- X 9. Signage at the facility identifying all WTS equipment and safety precautions for people nearing the equipment as may be required by any applicable FCC-adopted standards. (WTS-FSG, Section 10.9.2). Discuss signage for those who speak languages other than English.
 Public_Exclusion_Area Public Exclusion In Feet: 34
 Occupational_Exclusion_Area Occupational Exclusion In Feet: 15

X 10. Statement on who produced this report and qualifications.

X **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 3 existing antennas operated by Verizon installed on the roof top of the parking structure at 833 Mission St. Existing 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. Verizon proposes to install 7 new antenna. The antennas are mounted at a height of 42 to 78 feet above the ground. The estimated ambient RF field from the proposed Verizon transmitters at ground level is calculated to be .0036 mW/sq cm., which is .6 % of the FCC public exposure limit. The three dimensional perimeter of RF levels equal to the public exposure limit extends between 12 and 34 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 15 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 S)

Signed:



Dated: 6/3/2010

Patrick Fosdahl

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

NOTICE OF NEIGHBORHOOD MEETING
TO: Neighbors/Owners within 500' radius of 833 Mission Street

Meeting Information:

Date: 6/27/2011
Time: 5:30 PM
Place: Parking Garage

Verizon Wireless is proposing to add new antennas to their existing cell site at 833 Mission Street in San Francisco to boost the data speed on their wireless network. The proposed Verizon Wireless addition to the existing unmanned facility consists of adding six 4' panel antennas painted to match the existing exterior building façade.

Site Information:

Address: 833 Mission St, Lvl 4
Block/Lot: 3724-067
Zoning: P

Plans and photo simulations will be available for your review at the meeting. This project will be scheduled for Planning Commission review on a future date. You are invited to attend a community meeting held at the Parking Garage located at 833 Mission Street, level 4, San Francisco, CA on June 27, 2011 at 5:30 PM to learn more about the project.

Applicant: Verizon Wireless

Contact Information:

NSA Wireless, Inc.
James Singleton
925-244-1890

If you have any questions regarding the proposal and are unable to attend the meeting, please contact James Singleton or Bradley Head at 925-244-1890. Please call Aaron Hollister at 415-575-9078 with the City of San Francisco Planning Department if you have any questions regarding the planning process.

NOTE: If you require an interpreter be present at the meeting, please contact us at 925-244-1890 and we will make every effort to provide one for you.

Información Acerca de la Reunión:

Fecha: 6/27/2011
Hora: 5:30 de la noche
Lugar: Garage de Estacionamiento

Verizon Wireless propone a instale las nuevas antenas panel en su instalación existente en 833 Mission Street a alce la velocidad de datos como parte de su red inalámbrica de San Francisco. Los adiciones al instalación existente sin personal porsupuesta por Verizon Wireless consiste en adición de seis (6) 4' antenas panel nueva todas pintadas del mismo color del exterior de la fachada del edificio.

Información Sobre el Sitio:

Dirección: 833 Mission Street
Bloque/Lote: 3724-067
Zona: P

En la reunión tendremos dibujos y simulaciones fotográficas para su consulta por parte de los asistentes. La revisión de este proyecto por parte de la Comisión de Planeación estará programado para la fecha futura. Le invitamos a concurrir a la reunión informativa para la comunidad que se realizará en el garage de estacionamiento, nivel 4, ubicada en 833 Mission Street el día 27 de Junio a las 5:30 de la noche, a fin de obtener más información sobre el proyecto.

Solicitante: Verizon Wireless

Información del Contacto:

NSA Wireless, Inc.
James Singleton
925-244-1890

Si tiene alguna pregunta acerca de la propuesta y no puede asistir a la reunión, por favor llámese con James Singleton o Bradley Head al 925-244-1890.

Póngase en contacto con Aaron Hollister del Departamento de Planeación de la Ciudad de San Francisco al teléfono 415-575-9078 si tiene alguna pregunta referente al proceso de planeación.

NOTA: Si requiere la presencia de un intérprete en la reunion, por favor comuníquese con nuestra oficina al 925-244-1890 en cuanto pueda y trataremos de proporcionarle un intérprete.

會議詳情

日期: 2011年5月27日
時間: 下午5:30 PM
地點: 停車處, 第4級
833 Mission Street

Verizon Wireless 公司建議加裝新的天線在 833 Mission St., San Francisco 在現有的網絡系統為老網絡系統增加, 建議將目前現有無人使用的設備移除裝上新的設施, 增加六新的4' 鑲板天線, 如此一來, 新的天線將與您大樓外觀顏色相似, 這整個計劃, 結構圖與模擬圖像將會在公聽會中對大家展示, 在將來另外, 在6/27/2011下午六時, 我們將有一場說明會, 地點在:

設施地點資料

地址: 833 Mission Street
街段 / 地段: 3724-067
劃區: P

833 Mission St., 第4級, San Francisco, CA
我們誠摯的邀請您來參加, 在會議上您將得到更清楚的資訊
如果您有任何問題或是建議但是不克參加會議, 歡迎您致電: 925-2441890 找 James Singleton 或 Bradley Head
如果您對整個計劃有問題, 請致電三藩市都市計畫部門415-5759078 找 Aaron Hollister

聯絡人

NSA Wireless, Inc.
James Singleton
925-244-1890

如果您需要翻譯人員在會議上協助您, 請即致電 925-2441890, 我們將盡力為您安排翻譯服務



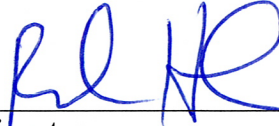
**Affidavit of Conducting a Community Outreach Meeting,
Sign-in Sheet and Issues/Responses submittal**

I, Bradley Head, do hereby declare the following:

1. I have conducted a **Community Outreach Meeting** for the proposed alteration prior to submitting a building permit in accordance with Planning Commission Pre-Application Policy.
2. The meeting was conducted at the 5th & Mission Parking Garage 4th Floor 833 Mission Street on Monday June 27th, 2011 from 5:30 to 6 PM.
3. I have included the **mailing list, meeting initiation, sign-in sheet, issue/response summary, and reduced plans** with the Conditional Use Permit Application. I understand that I am responsible for the accuracy of this information and that erroneous information may lead to suspension or revocation of the permit.
4. I have prepared these materials in good faith and to the best of my ability.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

EXECUTED ON THIS DAY, August 25, 2011 IN SAN FRANCISCO



Signature

Bradley Head

Name

Authorized Agent for Verizon Wireless

Relationship to Project

833 Mission Street

Project Address



From: Bradley Head [mailto:brad.head@nsawireless.com]
Sent: Tuesday, June 28, 2011 10:03 AM
To: 'Aaron.Hollister@sfgov.org'
Subject: RE: Case #2011.0117C

Hi Aaron

We held the community meeting last night. I checked in at the office with John Brown, the Corporate Manager, at 5:10, 20 minutes prior to the meeting. I was told at the office that one person showed up at the garage office at around 5 PM with the flyer. They were told the meeting was at 5:30, as indicated on the flyer. I waited 30 minutes, until 6 PM and no one showed. I did leave my card at the corporate office so that anyone with questions could contact me.

Please let me know if you have any questions.

Thanks,

Bradley Head

NOTICE OF NEIGHBORHOOD MEETING
TO: Neighbors/Owners within 500' radius of 833 Mission Street

Meeting Information: Verizon Wireless is proposing to add new antennas to their existing cell site at 833 Mission Street in San Francisco to boost the data speed on their wireless network. The proposed Verizon Wireless addition to the existing unmanned facility consists of adding six 4' panel antennas painted to match the existing exterior building façade.

Site Information:
Address: 833 Mission St, Lvl 4
Block/Lot: 3724-067
Zoning: P
Plans and photo simulations will be available for your review at the meeting. This project will be scheduled for Planning Commission review on a future date. You are invited to attend a community meeting held at the Parking Garage located at 833 Mission Street, level 4, San Francisco, CA on June 27, 2011 at 5:30 PM to learn more about the project.

Applicant: Verizon Wireless

Contact Information: If you have any questions regarding the proposal and are unable to attend the meeting, please contact James Singleton or Bradley Head at 925-244-1890. Please call Aaron Hollister at 415-575-9078 with the City of San Francisco Planning Department if you have any questions regarding the planning process.

NOTE: If you require an interpreter be present at the meeting, please contact us at 925-244-1890 and we will make every effort to provide one for you.

Información Acerca de la Reunión: Verizon Wireless propone a instale las nuevas antenas panel en su instalación existente en 833 Mission Street a alce la velocidad de datos como parte de su red inalámbrica de San Francisco. Los adiciones al instalación existente sin personal propuestada por Verizon Wireless consiste en adición de seis (6) 4' antenas panel nueva todas pintadas del mismo color del exterior de la fachada del edificio.

Información Sobre el Sitio:
Dirección: 833 Mission Street
Bloque/Lote: 3724-067
Zona: P

Solicitante: Verizon Wireless

Información del Contacto:
NSA Wireless, Inc.
James Singleton
925-244-1890

En la reunión tendremos dibujos y simulaciones fotográficas para su consulta por parte de los asistentes. La revisión de este proyecto por parte de la Comisión de Planeación estará programado para la fecha futura. Le invitamos a concurrir a la reunión informativa para la comunidad que se realizará en el garage de estacionamiento, nivel 4, ubicada en 833 Mission Street el día 27 de Junio a las 5:30 de la noche, a fin de obtener más información sobre el proyecto.

Si tiene alguna pregunta acerca de la propuesta y no puede asistir a la reunión, por favor llámese con James Singleton o Bradley Head al 925-244-1890. Póngase en contacto con Aaron Hollister del Departamento de Planeación de la Ciudad de San Francisco al teléfono 415-575-9078 si tiene alguna pregunta referente al proceso de planeación.

NOTA: Si requiere la presencia de un intérprete en la reunión, por favor comuníquese con nuestra oficina al 925-244-1890 en cuanto pueda y trataremos de proporcionarle un intérprete.

會議詳情

日期：2011年5月27日
時間：下午5:30 PM
地點：停車處, 第4級
833 Mission Street

設施地點資料

地址：833 Mission Street
街段/地段：3724-067
範圍：P

申請公司：Verizon Wireless

聯絡人

NSA Wireless, Inc.
James Singleton
925-244-1890

Verizon Wireless 公司建議加裝新的天線在 833 Mission St., San Francisco 在現有的網絡系統為老網絡系統增加, 建議將目前現有無人使用的設備移除裝上新的設施, 增加六新的4' 鑲板天線, 如此一來, 新的天線將與您大樓外觀顏色相似, 這整個計劃, 結構圖與模擬圖像將會在公聽會中對大家展示, 在將來另外, 在6/27/2011下午六時, 我們將有一場說明會, 地點在:

833 Mission St., 第4級, San Francisco, CA
我們誠摯的邀請您來參加, 在會議上您將得到更清楚的資訊
如果您有任何問題或是建議但是不克參加會議, 歡迎您致電: 925-2441890 找 James Singleton 或 Bradley Head
如果您對整個計劃有問題, 請致電三藩市都市計畫部門415-5759078 找 Aaron Hollister

如果您需要翻譯人員在會議上協助您, 請即致電
925-2441890, 我們將盡力為您安排翻譯服務



**Verizon Wireless Sector Addition Community Meeting
833 Mission Street June 27, 2011**

<u>Name</u>	<u>Address</u>	<u>Phone/Email</u>
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		
11.		
12.		
13.		
14.		
15.		



CONVENTION CENTER LTE ANTENNA ADD MOD PSL #123689

**5TH & MISSION STREET
SAN FRANCISCO, CA**

Foresight

Land Surveying & Civil Engineering

Jim Schuricht
ph 925-389-8180
email: foresight@comcast.net

NSA WIRELESS, INC.

2000 Crow Canyon Pl.
Suite 400
San Ramon, CA 94583
Office: 925-244-1890
Fax: 925-355-0672



2785 MITCHELL DRIVE, BLDG 9
WALNUT CREEK, CA. 94598
OFFICE: (925) 279-6000
TOM KROHN
(925) 279-6329

PSL NO. 123689
CONVENTION CENTER
5TH & MISSION STREET
SAN FRANCISCO, CA
SAN FRANCISCO COUNTY

VERIZON WIRELESS
EQUIP. ENGINEER:

SIGNATURE _____ DATE _____

VERIZON WIRELESS
REAL ESTATE:

SIGNATURE _____ DATE _____

VERIZON WIRELESS
CONSTRUCTION:

SIGNATURE _____ DATE _____

VERIZON WIRELESS
RF ENGINEER:

SIGNATURE _____ DATE _____

PROPERTY OWNER:

SIGNATURE _____ DATE _____

DRAWN BY _____ CHECKED BY _____
LAM

NO.	DATE	ISSUE
A	03/19/09	FOR REVIEW
0	04/13/09	PER REDLINES
1	04/29/10	PER REDLINES
2	05/05/10	PER REDLINES
3	05/18/10	100% ZD'S
4	02/02/11	PER REDLINES

SHEET TITLE

TITLE SHEET

SHEET NUMBER

T-1

FORESIGHT JOB # 500911

LOCATION MAP	VICINITY MAP	CODE COMPLIANCE	PROJECT TEAM								
		<p>ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN COMPLIANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUCTED NOT CONFORMING TO THESE CODES.</p> <ol style="list-style-type: none"> CALIFORNIA ADMINISTRATIVE CODE (INCLUDING TITLES 24 & 25) CALIFORNIA BUILDING CODE (CBC) 2007 CALIFORNIA MECHANICAL CODE (CMC) 2007 CALIFORNIA PLUMBING CODE (CPC) 2007 CALIFORNIA ELECTRIC CODE (CEC) 2007 COUNTY ORDINANCES <p>ACCESSIBILITY REQUIREMENTS: FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. HANDICAPPED ACCESS REQUIREMENTS ARE NOT REQUIRED IN ACCORDANCE WITH THE 2001 CALIFORNIA BUILDING CODE.</p>	<p>ENGINEER: FORESIGHT LAND SURVEYING & CIVIL ENGINEERING CONTACT: JIM SCHURICHT PHONE: (925) 389-8180</p> <p>APPLICANT: Verizon Wireless 2785 MITCHELL DRIVE WALNUT CREEK, CA. 94598 CONTACT: TOM KROHN PHONE: (925) 279-6329</p> <p>AGENT: NSA WIRELESS, INC. STE. 400 2000 CROW CANYON PL. SAN RAMON, CA 94583 CONTACT: CHRIS DURAND PHONE: (925) 244-1897</p> <p>OWNER: CITY OF SAN FRANCISCO DOWNTOWN PARKING CORPORATION 833 MISSION STREET SAN FRANCISCO, CA.</p>								
		<p>DRIVING DIRECTIONS</p> <p>FROM VERIZON OFFICE - WALNUT CREEK, CA</p> <p>Depart 2785 Mitchell Dr, Walnut Creek, CA 94598 on Mitchell Dr Turn LEFT (South-East) onto N Wiget Ln Turn RIGHT (West) onto Ygnacio Valley Rd Road name changes to Hillside Ave Take Ramp (RIGHT) onto SR-24 [Grove Shafter Fwy] CA-24/Oakland Turn RIGHT onto Ramp I-580/San Francisco/Hayward Keep RIGHT to stay on Ramp I-580 / San Francisco Take Ramp (LEFT) onto I-580 [MacArthur Fwy] I-580/Hayward Take Ramp (LEFT) onto I-80/San Francisco Take Ramp (RIGHT) onto I-80 Turn LEFT onto Ramp 5th St/US-101 N/Golden Gate Br Bear RIGHT (North-West) onto 5th St Arrive 5th St & Mission St, San Francisco, CA 94103</p>	<p>PROJECT DESCRIPTION</p> <p>INSTALL THREE NEW ANTENNAS EACH IN ALPHA AND GAMMA SECTORS (TOTAL OF 6 ANTENNAS); INSTALL 12 NEW RUNS OF COAX FROM EQUIPMENT TO ANTENNAS; ADD CABLE TRAY.</p>								
<p>BUILDING / SITE DATA LEGEND</p> <table border="0"> <tr> <td>BLOCK AND LOT</td> <td>3724/067</td> </tr> <tr> <td>PSL NUMBER:</td> <td>123689</td> </tr> <tr> <td>OCCUPANCY TYPE:</td> <td>UNOCCUPIED</td> </tr> <tr> <td>CONSTRUCTION TYPE:</td> <td>V-N</td> </tr> </table>		BLOCK AND LOT	3724/067	PSL NUMBER:	123689	OCCUPANCY TYPE:	UNOCCUPIED	CONSTRUCTION TYPE:	V-N	<p>SHEET INDEX</p> <p>T-1 TITLE SHEET T-2 SF FD CHECKLIST T-3 EMF REPORT T-4 SITE SIGNAGE A-1 SITE PLAN A-2 ELEVATION VIEWS A-3 ELEVATION VIEWS A-4 DETAILS, GENERAL NOTES</p>	<p>NSA WIRELESS- CONSTRUCTION</p> <p>SIGNATURE _____ DATE _____</p> <p>NSA WIRELESS - LEASING</p> <p>SIGNATURE _____ DATE _____</p> <p>NSA WIRELESS - ZONING</p> <p>SIGNATURE _____ DATE _____</p>
BLOCK AND LOT	3724/067										
PSL NUMBER:	123689										
OCCUPANCY TYPE:	UNOCCUPIED										
CONSTRUCTION TYPE:	V-N										

Foresight

Land Surveying & Civil Engineering

Jim Schuricht
 ph 925-389-8180
 email: foresight@comcast.net

NSA WIRELESS, INC.
 2000 Crow Canyon Pl.
 Suite 400
 San Ramon, CA 94583
 Office: 925-244-1890
 Fax: 925-355-0672



2785 MITCHELL DRIVE, BLDG 9
 WALNUT CREEK, CA. 94598
 OFFICE: (925) 279-6000
 TOM KROHN
 (925) 279-6329

PSL NO.123689
 CONVENTION CENTER
 5TH & MISSION STREET
 SAN FRANCISCO, CA
 SAN FRANCISCO COUNTY

VERIZON WIRELESS
 EQUIP. ENGINEER:

SIGNATURE DATE

VERIZON WIRELESS
 REAL ESTATE:

SIGNATURE DATE

VERIZON WIRELESS
 CONSTRUCTION:

SIGNATURE DATE

VERIZON WIRELESS
 RF ENGINEER:

SIGNATURE DATE

PROPERTY OWNER:

SIGNATURE DATE

DRAWN BY CHECKED BY

LAM

NO. DATE ISSUE

A	03/19/09	FOR REVIEW
0	04/13/09	PER REDLINES
1	04/29/10	PER REDLINES
2	05/05/10	PER REDLINES
3	05/18/10	100% ZD'S
4	02/03/11	PER REDLINES

SHEET TITLE

**SF FD
 CHECKLIST**

SHEET NUMBER

T-2

FORESIGHT JOB # 500911

San Francisco Fire Department

Division of Fire Prevention
 and Investigation



2.06 Permit Application Checklist for Cellular Antenna 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 Potential Hazards of Radiofrequency Electromagnetic Fields (August 1999)
- FCC OET Bulletin 65 - Evaluating Compliance with FCC Guidelines for Human 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 (2001 CBC)
- 2007 California Fire Code (2001 CFC)
- 2007 California Mechanical Code (2001 CMC)
- 2007 San Francisco Fire Code (2001 SFFC)
- 2002 NFPA 13 Automatic Sprinkler Systems
- 2002 NFPA 72 National Fire Alarm Code

STATUS	SHEET LOCATION
--------	----------------

COMPLETE T-1

COMPLETE A-1 A-2 A-3

COMPLETE T-3

COMPLETE N/A

COMPLETE T-4, A-1

1. Description of scope of work (both on the application and plans) shall match the actual work being done.
2. Plans shall include plan views and elevations showing all equipment locations and cable runs.
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 maintenance workers, fire fighters, etc.) The RF report shall not specify locking the roof access door to keep the general public off of the roof per 2001 SFFC 1207.7.1. The RF report shall be wet stamped and signed by an engineer.
4. Drawings shall reflect the striped/exclusion areas per the above RF Report with a minimum radius being 1 foot.
5. Notice to Workers warning signage as applicable per the above RF Report:

Telephone (415) 558-6187
 Fax (415) 558-6560

1660 Mission Street, 4th floor
 San Francisco, CA 94103

Page 1 of 4
 C:\Documents and Settings\jferman\Desktop\SFFD AB 2.06 Cell Site Check List.doc
 Revised-October 24, 2008

San Francisco Fire Department

Division of Fire Prevention
 and Investigation



Signage shall be in English, Chinese 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 (i.e. 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.

STATUS	SHEET LOCATION
--------	----------------

EXISTING N/A

EXISTING N/A

EXISTING N/A

COMPLETE A-1, A-2, A-3

EXISTING N/A

5. Provide a quantitative three-dimensional perimeter of the RF levels if the 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 striped 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 yellow triangle around the antenna symbol (see ANSI C95.2-1999); and Location and signage detail shall be included on a drawing sheet.
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.
9. Provide route of all cables from their origin to the equipment (plan, elevation and section views). Cables/wiring shall not be allowed in exit enclosures or in front of dry standpipes (2007 CBC 1020.1.1).
10. EITHER:
 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.
 * 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.

Telephone (415) 558-6187
 Fax (415) 558-6560

1660 Mission Street, 4th floor
 San Francisco, CA 94103

Page 2 of 4
 C:\Documents and Settings\jferman\Desktop\SFFD AB 2.06 Cell Site Check List.doc
 Revised-October 24, 2008

STATUS	SHEET LOCATION
--------	----------------

EXISTING N/A

EXISTING N/A

EXISTING N/A

EXISTING N/A

EXISTING N/A

San Francisco Fire Department

Division of Fire Prevention
 and Investigation



* 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.
- * 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.
- OR:
 Provide 24 hour/7 days a week telephone service center shut-down:
 * 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?
 Yes
 * 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.
 No
- 12. Plans state sequence of operations for any new detection, dampers, or fans.
- 13. Plans shall clearly show locations of batteries and battery cabinets.
- 14. Plans shall state whether the building is fully sprinklered or not.
- 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

Telephone (415) 558-6187
 Fax (415) 558-6560

1660 Mission Street, 4th floor
 San Francisco, CA 94103

Page 3 of 4
 C:\Documents and Settings\jferman\Desktop\SFFD AB 2.06 Cell Site Check List.doc
 Revised-October 24, 2008

San Francisco Fire Department

Division of Fire Prevention
 and Investigation



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: JIM SCHURICHT

(Please include professional title and stamp)

Firm Name: FORESIGHT LAND SURVEYING & CIVIL ENGINEERING
 Address: 930 TAHOE BLVD. #802-152, INCLINE VILLAGE, NV 89451
 Phone Number: 925 389-8180
 Fax Number:

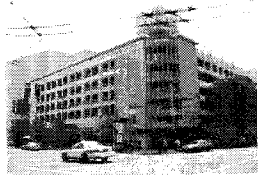
For further information see the FCC website: <http://www.fcc.gov/oet/rfsafety>

Site Compliance Report

Verizon Wireless Site 123689, SF

Convention Center
5th & Mission Street San Francisco, CA 94102
Structure Type: Parking Structure

Site Visit Date: April 19, 2010
Site Survey Date: April 19, 2010



Verizon Wireless is Conditionally Compliant based on FCC Rules and Regulations.

© 2010 Sitesafe, Inc. - Arlington, VA

NSA Wireless on behalf of Verizon Wireless proposes to add antennas and equipment to site 123689, the SF Convention Center.

Sitesafe has measured the current RF environment and modeled the proposed antenna placements and found this site as designed will be compliant with the Federal Communications (FCC) regulations regarding RF emissions and the environment.

The following report includes a list of antennas at the site along with measurements and a modeling of the rooftop of the parking structure. All applicable limits are below FCC limits for the General Population.

Site Compliance is a registered Professional Engineer in the professional engineering state in the state of California and that I am an employee of Sitesafe, Inc., in Arlington, Virginia, at which place I am a part and I provide RF compliance services to clients in the wireless communications industry, and that I am thoroughly familiar with the Rules and Regulations of the Federal Communications Commission (FCC) as well as the regulations of the Association for Radio and Mobile Administration (ARMA), both in general and specifically in the scope of the FCC Guidelines for Human Exposure to Radio-Frequency Radiation.



David Charles Cotton, Jr.

David Charles Cotton, Jr.
Registered Professional Engineer (Electrical)
State of California, 18838, Expires 30-Jun-2011
Date: 2011-Feb-02

Antenna Details
The following information was utilized to create the site model diagrams. Maximum ERP's are listed. Distances to the Occupational and General Population Exposure limits are included for each Verizon antenna.

Table 1: Antenna Data

Ant #	Operated By	TX Freq (MHz)	MAX ERP (Watts)	Antenna Gain (dBS)	Az (Deg)	Antenna Model	Ant Type	Len (ft)	Horizontal Half Power Beamwidth (Deg)	Distances Feet		
										GCC Limit	GP Limit	Height AGL
1	Verizon Wireless (Proposed)	850	1500	12.9	340	Andrew LKX-6513DS-VTM	Panel	4	65	11'	24'	78'
2	Verizon Wireless (Proposed)	746	1500	12.4	340	Andrew LNK-6512DS-4M	Panel	4	65	12'	24'	78'
3	Verizon Wireless (Proposed)	1900	1000	15.9	340	Andrew HBX-6516DS-VTM	Panel	4	65	8'	19'	78'
4	Verizon Wireless	850	1500	12.9	30	Andrew LKX-6513DS-VTM	Panel	4	65	11'	24'	42'
5	Verizon Wireless	746	1500	12.4	30	Andrew LKX-6513DS-4M	Panel	4	65	12'	24'	78'
6	Verizon Wireless	1900	1000	15.9	30	Andrew HBX-6516DS-VTM	Panel	4	65	8'	19'	42'
7	Verizon Wireless (Proposed)	850	1500	12.9	230	Andrew LKX-6513DS-VTM	Panel	4	65	11'	24'	78'
8	Verizon Wireless (Proposed)	746	1500	12.4	230	Andrew LKX-6513DS-4M	Panel	4	65	12'	24'	78'
9	Verizon Wireless (Proposed)	1900	1000	15.9	230	Andrew HBX-6516DS-VTM	Panel	4	65	8'	19'	78'
10	Metrio PCS	2100	2500	15.7	0		Panel	4	120	14'	30'	78'
11	Metrio PCS	2100	2500	15.7	90		Panel	4	120	14'	30'	78'
12	Metrio PCS	2100	2500	15.7	180		Panel	4	120	14'	30'	78'
13	Metrio PCS	2100	2500	15.7	340		Panel	4	120	14'	30'	78'
14	AT&T Mobility	850	47	16	0	Omnit	Omnit	2	360	1'	4'	18'
15	AT&T Mobility	1900	64	9	0	Omnit	Omnit	2	360	1'	4'	18'
16	AT&T Mobility	850	47	16	0	Omnit	Omnit	2	360	1'	4'	18'
17	AT&T Mobility	1900	64	9	0	Omnit	Omnit	2	360	1'	4'	18'

Diagram and RF Measurements

This section provides a summary of the measurements collected at the site. Actual measurement locations of which these data points were collected are included in the diagram provided below. Spatial peak measurements have been collected. The spatial peak technique involves measuring the highest power density over the dimensions of a typical human body. This is more conservative than spatial averaging and is employed where levels are significantly above FCC limits.

FCC limits are based on frequency and as there are multiple frequencies operating at this site there is no direct limitation from power density to exposure of applicable limit. The most conservative method is to use the frequency operating at the site with the lowest limit which is 820 MHz. That frequency translates to a general population limit of 570 µW/cm².

The highest measurement in an occupied area on the rooftop (M14) is 4.5 µW/cm² which translates to 0.7% of the general population limit.

The highest measurement of ground level is 3.6 µW/cm² which translates to 0.6% of the general population limit.

Additional measurements were taken on levels 2 through 7 of the garage which were all less than 2.5 µW/cm².

Measurements Points	Power Density µW/cm²	Measurements Points	Power Density µW/cm²
M1	3.2	M18	1.5
M2	3.3	M19	2.9
M3	3.3	M20	2.2
M4	3.4	M21	2.7
M5	3.4	M22	2.2
M6	3.8	M23	2.2
M7	2.6	M24	2.4
M8	2.4	M25	1.3
M9	2.4	M26	3.4
M10	4.5	M27	3.6
M11	4.5	M28	3.6
M12	4.5	M29	3.6
M13	4.5	M30	3.6
M14	4.5	M31	3.6
M15	4.5	M32	3.6
M16	4.5	M33	3.6
M17	4.5	M34	3.6
M18	4.5	M35	3.6
M19	4.5	M36	3.6

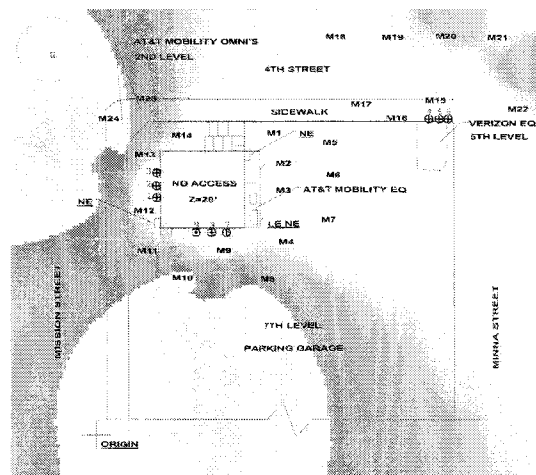
The RF diagram(s) below display theoretical spatially averaged percentage of the Maximum Permissible Exposure for all systems at this site unless otherwise noted. These diagrams are modeled as illustrated in the bullet points.

The key of the bottom of each diagram indicates if percentages displayed are referenced to FCC Occupational or General Public Maximum Permissible Exposure (MPE) limits. Color coding on the diagram is as follows:

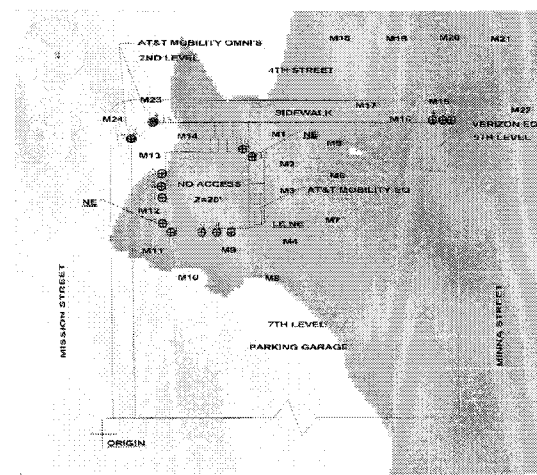
- Areas indicated as Gray are below 5% of the MPE limits or below.
- Green represents areas predicted to be between 5% and 20% of the MPE limits.
- Yellow represents areas predicted to be between 20% and 100% of the MPE limits.
- Red areas indicated predicted levels greater than 100% of the MPE limits.

Signage instructions are included on Construction Drawings

RF Emissions Diagram for SF Convention Center
Verizon Wireless Contribution- Main Level



RF Emissions Diagram for SF Convention Center
Main Level



Foresight

Land Surveying & Civil Engineering

Jim Schuricht
ph 925-389-8180
email: foresight@comcast.net

NSA WIRELESS, INC.

2000 Crow Canyon Pl.
Suite 400
San Ramon, CA 94583
Office: 925-244-1890
Fax: 925-355-0672



2785 MITCHELL DRIVE, BLDG 9
WALNUT CREEK, CA. 94598
OFFICE: (925) 279-6000
TOM KROHN
(925) 279-6329

PSL NO. 123689
CONVENTION CENTER
5TH & MISSION STREET
SAN FRANCISCO, CA
SAN FRANCISCO COUNTY

VERIZON WIRELESS
EQUIP. ENGINEER:

SIGNATURE DATE

VERIZON WIRELESS
REAL ESTATE:

SIGNATURE DATE

VERIZON WIRELESS
CONSTRUCTION:

SIGNATURE DATE

VERIZON WIRELESS
RF ENGINEER:

SIGNATURE DATE

PROPERTY OWNER:

SIGNATURE DATE

DRAWN BY CHECKED BY

LAM

NO. DATE ISSUE

A	03/19/09	FOR REVIEW
0	04/13/09	PER REDLINES
1	04/29/10	PER REDLINES
2	05/05/10	PER REDLINES
3	05/18/10	100% ZD'S
4	02/03/11	PER REDLINES

SHEET TITLE

EMF
REPORT


SHEET NUMBER

T-3

FORESIGHT JOB # 500911

1 (e) INSTALLED ON EQUIPMENT COMPOUND GATE

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 environments

In accordance with Federal Communications Commission rules on radio frequency emissions 47 CFR 1.1307(b)

SITE NO. PSL#123810

CAUTION SIGN

NOTE: SIGN TO BE PERMANENTLY MOUNTED AT ANTENNA LOCATIONS SHOWN ON SHEET A-1

2 (n) TO BE INSTALLED AT ANTENNA SECTORS ON WALLS

NOTICE

GUIDELINES FOR WORKING IN RADIO FREQUENCY ENVIRONMENTS

- All personnel should have electromagnetic energy (EMF) awareness training.
- All personnel entering this site must be authorized obey all posted signs.
- Assume all antennas are active. Before working on antennas, notify owners and disable appropriate transmitters.
- Maintain minimum 7 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 rooms.

CAUTION SIGN

SIGNAGE MOUNTING NOTES:

SIGNS SHALL BE SECURELY FASTENED AT LOCATIONS SHOWN ON THE PLANS IN SUCH A MANNER AS TO DETER REMOVAL BY FORCES OF NATURE, THEFT, VANDALISM, ETC. THE CONTRACTOR SHALL INVESTIGATE THE EXISTING CONSTRUCTION MATERIAL AT THE LOCATION AT WHICH THE SIGNS ARE TO BE ATTACHED AND DETERMINE THE REQUIREMENTS TO PROPERLY SECURE THE SIGN AT ALL FOUR CORNERS USING THE FOLLOWING GUIDELINE AS A MINIMUM:

CONCRETE: 1/4 TAPPER CONCRETE ANCHOR, 2 INCH MINIMUM EMBEDMENT
 METAL: #12 SHEET METAL SCREWS, 1 INCH MINIMUM EMBEDMENT
 WOOD: #12 ROUND HEAD WOOD SCREWS, 1-1/2 INCH MINIMUM EMBEDMENT
 BOLTING: 1/4 MACHINE SCREWS WITH LOCK WASHERS

CONTRACTOR IS SOLELY RESPONSIBLE FOR PROPER SECUREMENT OF SIGNAGE AT THE SITE

3 (n) TO BE INSTALLED ON BATTERY BACK-UP UNIT DOOR

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 DISCONNECT

Contact Verizon Wireless at 1-800-242-7622 and follow their instructions prior to performing any maintenance or repairs closer than 3 feet from the antennas.

This is Verizon Wireless Site: PSL 123810

Verizon Wireless

NOTES:

1. 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.
2. CONTRACTOR TO PLACE SIGNS IN THE 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

4 (e) MOUNTED ON RADIO EQUIPMENT

EMERGENCY SHUT DOWN

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

CONTACT PHONE NUMBER:
1-800-242-7622

SITE IDENTIFICATION NUMBER:
PSL#123810


LOCATION OF EQUIPMENT:
 ROOFTOP
 OTHER

THIS EQUIPMENT HAS BATTERY BACKUP:
 ROOFTOP
 OTHER

CAUTION SIGN

5 (e) INSTALLED ON EQUIPMENT COMPOUND GATE

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 1-800-242-7622 (VERIZON SITE NUMBER 123810)

IN ACCORDANCE WITH FCC RULES 47 CFR 1.1310

AVISO A TRABAJADORES

EXISTEN ANTENAS DE RADIOFRECUENCIA EN ESTE TECHO. POR FAVOR USE PRECAUCION ALREDEDOR DE LAS ANTENAS Y OBEDEZCA A LAS ZONAS RESTRINGIDAS O PARA OBTENER MAS INFORMACION, LLAME AL TELEFONO 1-888-859-1400 (NUMERO DE SITIO PSL 123810)

DE ACUERDO A LAS REGLAS DE FCC 47 CFR 1.130

工作人員注意

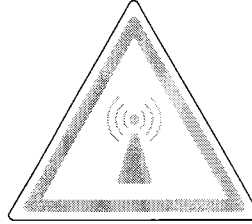
此屋宇房頂有新架天線裝置
在天線範圍四周請小心,並遵照各已張貼之指示及/或標識行事
如需進入禁區範圍或索取更多資料
請致電1-888-859-1400 (此站區號:5F33xc659-E)

依據FCC條例第47 CFR1.1310款執行

WARNING SIGN

6 (e) INSTALLED ON EQUIPMENT COMPOUND GATE AND BETA SECTOR WALL. (n) TO BE INSTALLED AT ALPHA AND GAMMA SECTORS.

CAUTION



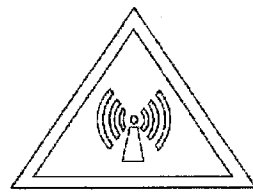
BEYOND THIS POINT you are entering a controlled area where RF emissions may exceed the FCC Occupational Exposure Limits.

Obey all posted signs and site guidelines for working in an RF environment.

Ref: FCC 47CFR 1.1307(b)

CAUTION SIGN

7 (e) INSTALLED ON EQUIPMENT COMPOUND GATE. (n) TO BE INSTALLED AS STICKERS ON ANTENNAS AT ALL SECTORS.



WARNING

HIGH RADIO FREQUENCY EXPOSURE AREA

KEEP BACK 7 FEET FROM THIS ANTENNA. IF ACCESS IS REQUIRED WITHIN THIS DISTANCE, PLEASE CONTACT ANTENNA OWNER BEFORE APPROACHING.

ADVERTENCIA

AREA DE EXPOSICION DE ALTAS FRECUENCIAS DE RADIO

MANTENERSE A 7 PIES DE DISTANCIA DE ESTA ANTENA. SI ES NECESARIO ACERCARSE MAS, COMUNIQUESE CON EL PROPIETARIO DE LA ANTENA ANTES DE HACERLO.

警告

高頻無線電能量地區

請保持在此天線 7 呎以外, 如需要進入此範圍內, 請在進入之前先聯絡天線的持有人

PHONE NUMBER/NUMERO DE TELEFONO/ 電話號碼
TOPPER JOHNSTON, (415) 705-6500

OWNER/PROPIETARIO/ 持有人
PSL#123810

SITE NUMBER/NUMERO DEL SITIO/ 此站區號
Harrill & Edson, Inc.

SIGNAGE AND STRIPING INFORMATION

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.

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 NEEDED.

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 STRIPING.

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 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 STRIPING.

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 AT&T 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 ANTENNAS 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 VERIZON'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 VERIZON WIRELESS CONSTRUCTION PROJECT MANAGER AT THE TIME OF CONSTRUCTION.

PHOTOS OF ALL STRIPING, BARRICADES, AND SIGNAGE WILL BE PART OF THE CONTRACTORS CLOSE OUT PACKAGE AND WILL BE TURNED INTO THE VERIZON WIRELESS 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 VERIZON CONSTRUCTION PROJECT MANAGER WITH A DETAILED SHOP DRAWING OF EACH BARRICADE.

Foresight

Land Surveying & Civil Engineering

Jim Schuricht
ph 925-389-8180
email: foresight@comcast.net

NSA WIRELESS, INC.

2000 Crow Canyon Pl.
Suite 400
San Ramon, CA 94583
Office: 925-244-1890
Fax: 925-355-0672



2785 MITCHELL DRIVE, BLDG 9
WALNUT CREEK, CA. 94598
OFFICE: (925) 279-6000
TOM KROHN
(925) 279-6329

PSL NO.123689
CONVENTION CENTER
5TH & MISSION STREET
SAN FRANCISCO, CA
SAN FRANCISCO COUNTY

VERIZON WIRELESS EQUIP. ENGINEER:

SIGNATURE DATE

VERIZON WIRELESS REAL ESTATE:

SIGNATURE DATE

VERIZON WIRELESS CONSTRUCTION:

SIGNATURE DATE

VERIZON WIRELESS RF ENGINEER:

SIGNATURE DATE

PROPERTY OWNER:

SIGNATURE DATE

DRAWN BY CHECKED BY
LAM

NO. DATE ISSUE

A	03/09/09	FOR REVIEW
0	04/13/09	PER REDLINES
1	04/29/10	PER REDLINES
2	05/05/10	PER REDLINES
3	05/18/10	100% ZD'S

SHEET TITLE

SITE SIGNAGE

SHEET NUMBER

T-4

FORESIGHT JOB # 500911

FLOOR PENETRATION AT 5TH, 6TH AND 7TH FLOORS

INSTALL NEW CABLE TRAY
(2) EXISTING AT&T OMNI ANTENNAS

(SEE ENLARGED ANTENNA PLAN RIGHT)
NEW SECTOR SCOPE

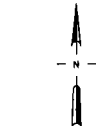
AT&T EQUIPMENT 3RD FLOOR

EXISTING PARKING GARAGE

SEE ENLARGED PLAN A
SEE ENLARGED PLAN B

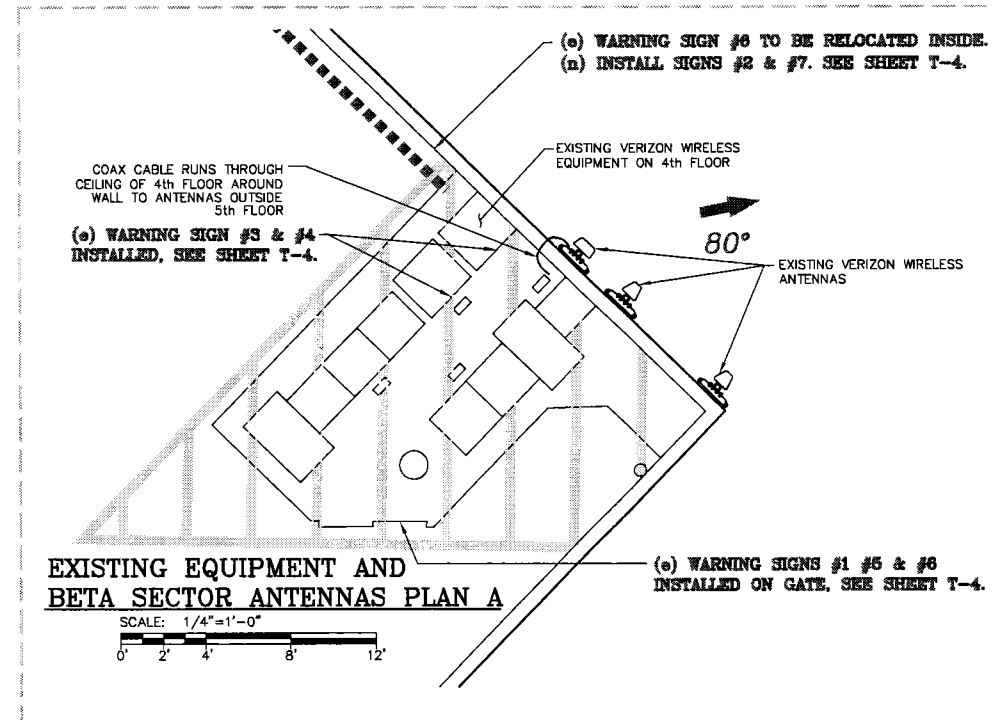
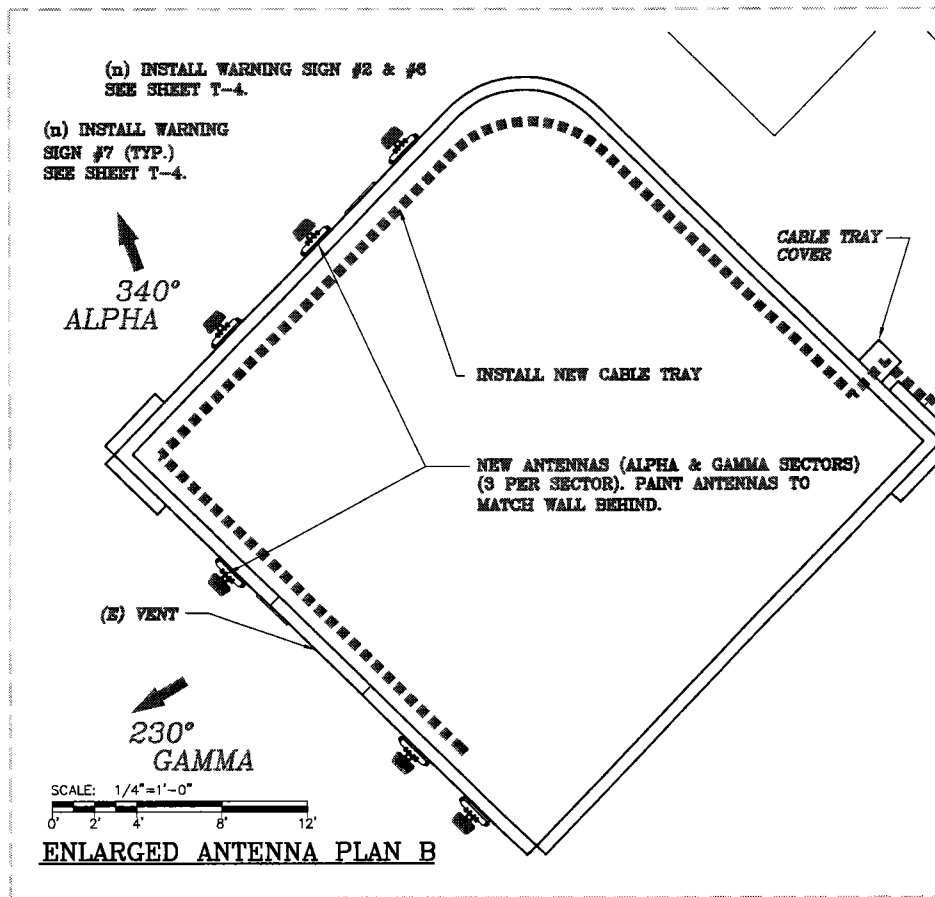
(2) EXISTING
OMNI ANTENNAS

EXISTING CINGULAR EQUIPMENT
EXISTING AT&T EQUIPMENT



SITE PLAN

SCALE: 1"=50'-0"



Foresight

Land Surveying & Civil Engineering

Jim Schuricht
ph 925-389-8180
email: foresight@comcast.net

NSA WIRELESS, INC.

2000 Crow Canyon Pl.
Suite 400
San Ramon, CA 94583
Office: 925-244-1890
Fax: 925-355-0672

Verizonwireless

2785 MITCHELL DRIVE, BLDG 9
WALNUT CREEK, CA. 94598
OFFICE: (925) 279-6000
TOM KROHN
(925) 279-6329

PSL NO.123689
CONVENTION CENTER
5TH & MISSION STREET
SAN FRANCISCO, CA
SAN FRANCISCO COUNTY

VERIZON WIRELESS
EQUIP. ENGINEER:

SIGNATURE DATE

VERIZON WIRELESS
REAL ESTATE:

SIGNATURE DATE

VERIZON WIRELESS
CONSTRUCTION:

SIGNATURE DATE

VERIZON WIRELESS
RF ENGINEER:

SIGNATURE DATE

PROPERTY OWNER:

SIGNATURE DATE

DRAWN BY CHECKED BY

rdb

NO. DATE ISSUE

A	03/09/09	FOR REVIEW
0	04/13/09	PER REDLINES
1	04/29/10	PER REDLINES
2	05/05/10	PER REDLINES
3	05/18/10	100% ZD'S
4	11/12/10	PER REDLINES
5	02/02/11	PER REDLINES

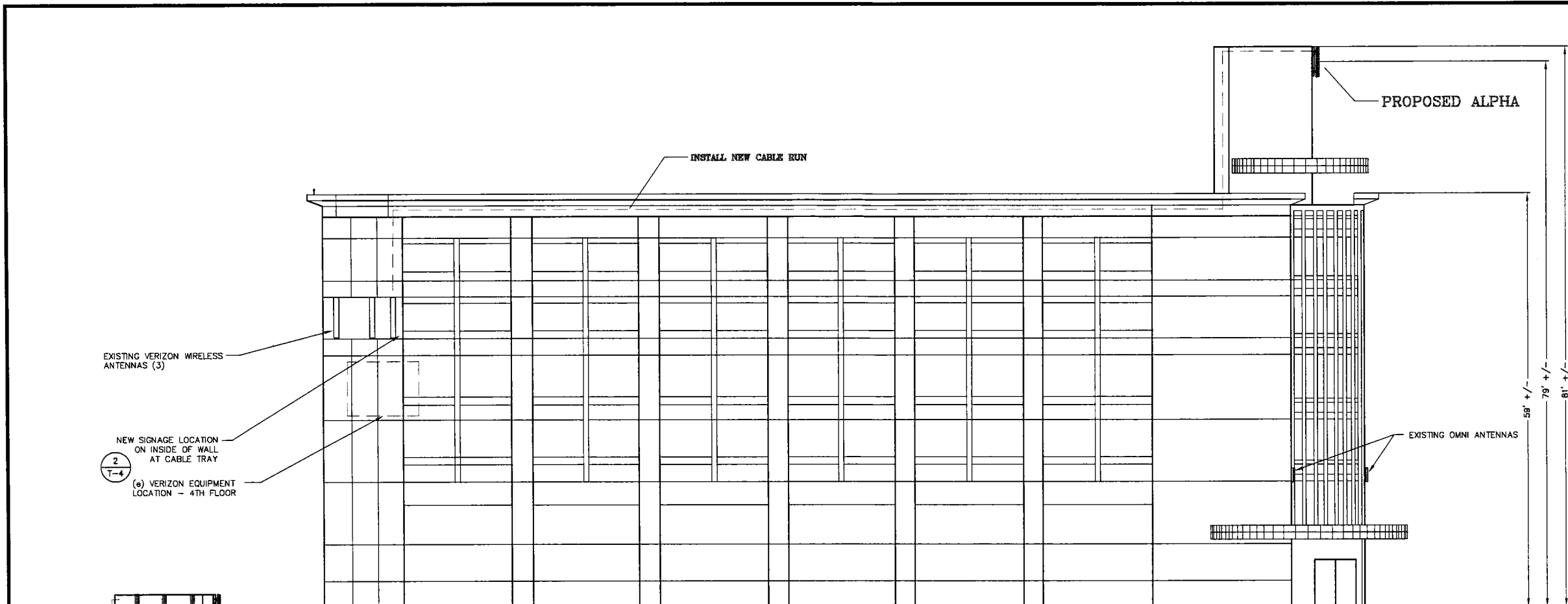
SHEET TITLE

**SITE & EQUIP
PLAN**

SHEET NUMBER

A-1

FORESIGHT JOB # 500911



2
T-4
(e) VERIZON EQUIPMENT
LOCATION - 4TH FLOOR

EXISTING VERIZON WIRELESS
ANTENNAS (3)

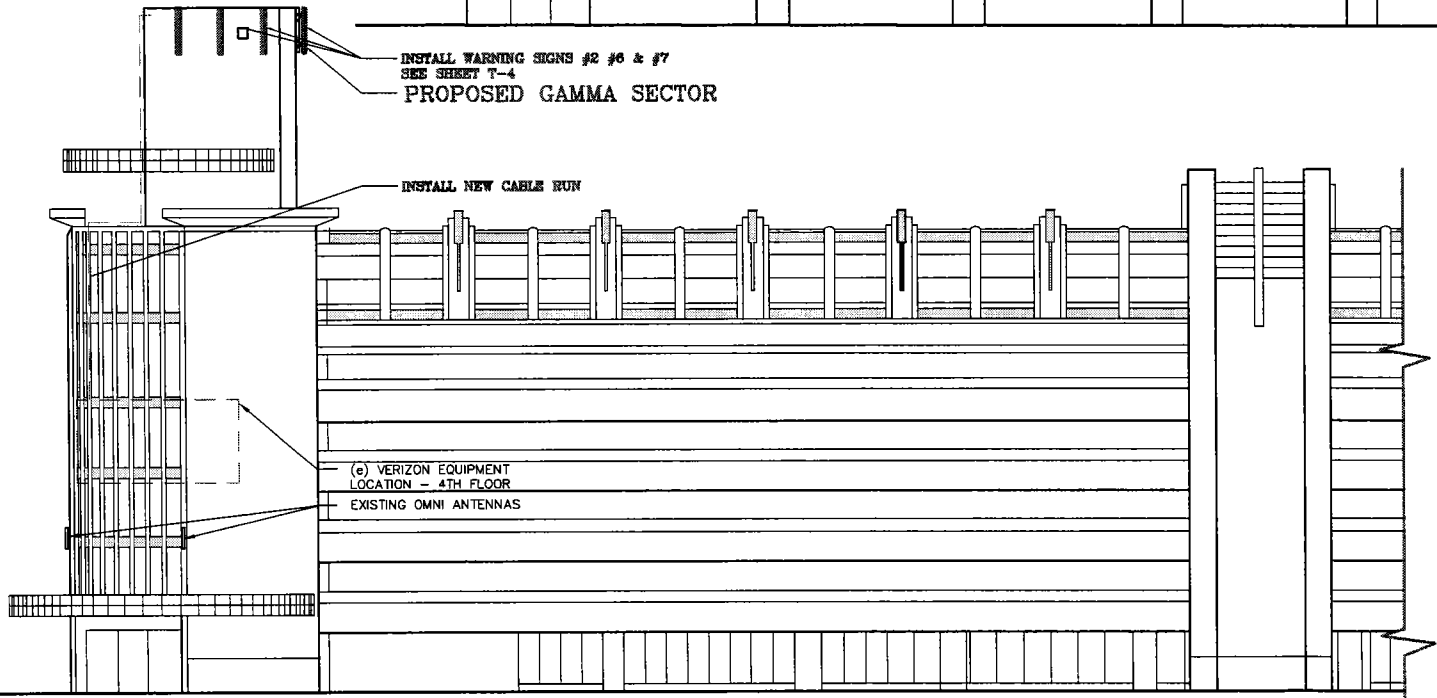
NEW SIGNAGE LOCATION
ON INSIDE OF WALL
AT CABLE TRAY

INSTALL NEW CABLE RUN

PROPOSED ALPHA

EXISTING OMNI ANTENNAS

59' +/-
79' +/-
81' +/-



INSTALL WARNING SIGNS #6 & #7
SEE SHEET T-4
PROPOSED GAMMA SECTOR

INSTALL NEW CABLE RUN

(e) VERIZON EQUIPMENT
LOCATION - 4TH FLOOR
EXISTING OMNI ANTENNAS

NOTE: SOUTHWEST END OF GARAGE
NOT SHOWN FOR SCALE AND CLARITY

SCALE: 1/8" = 1'-0"
0' 8' 16' 24'

NORTHEAST ELEVATION

SCALE: 1/8" = 1'-0"
0' 8' 16' 24'

NORTHWEST ELEVATION

Foresight

Land Surveying & Civil Engineering

Jim Schuricht
ph 925-389-8180
email: foresight@comcast.net

NSA WIRELESS, INC.

2000 Crow Canyon Pl.
Suite 400
San Ramon, CA 94583
Office: 925-244-1890
Fax: 925-355-0672



2785 MITCHELL DRIVE, BLDG 9
WALNUT CREEK, CA. 94598
OFFICE: (925) 279-6000
TOM KROHN
(925) 279-6329

PSL NO.123689
CONVENTION CENTER
5TH & MISSION STREET
SAN FRANCISCO, CA
SAN FRANCISCO COUNTY

VERIZON WIRELESS
EQUIP. ENGINEER:

SIGNATURE DATE

VERIZON WIRELESS
REAL ESTATE:

SIGNATURE DATE

VERIZON WIRELESS
CONSTRUCTION:

SIGNATURE DATE

VERIZON WIRELESS
RF ENGINEER:

SIGNATURE DATE

PROPERTY OWNER:

SIGNATURE DATE

DRAWN BY CHECKED BY

rdb

NO.	DATE	ISSUE
A	03/09/09	FOR REVIEW
0	04/13/09	PER REDLINES
1	04/29/10	PER REDLINES
2	05/05/10	PER REDLINES
3	05/18/10	100% ZD'S
4	11/12/10	PER REDLINES
5	02/02/11	PER REDLINES

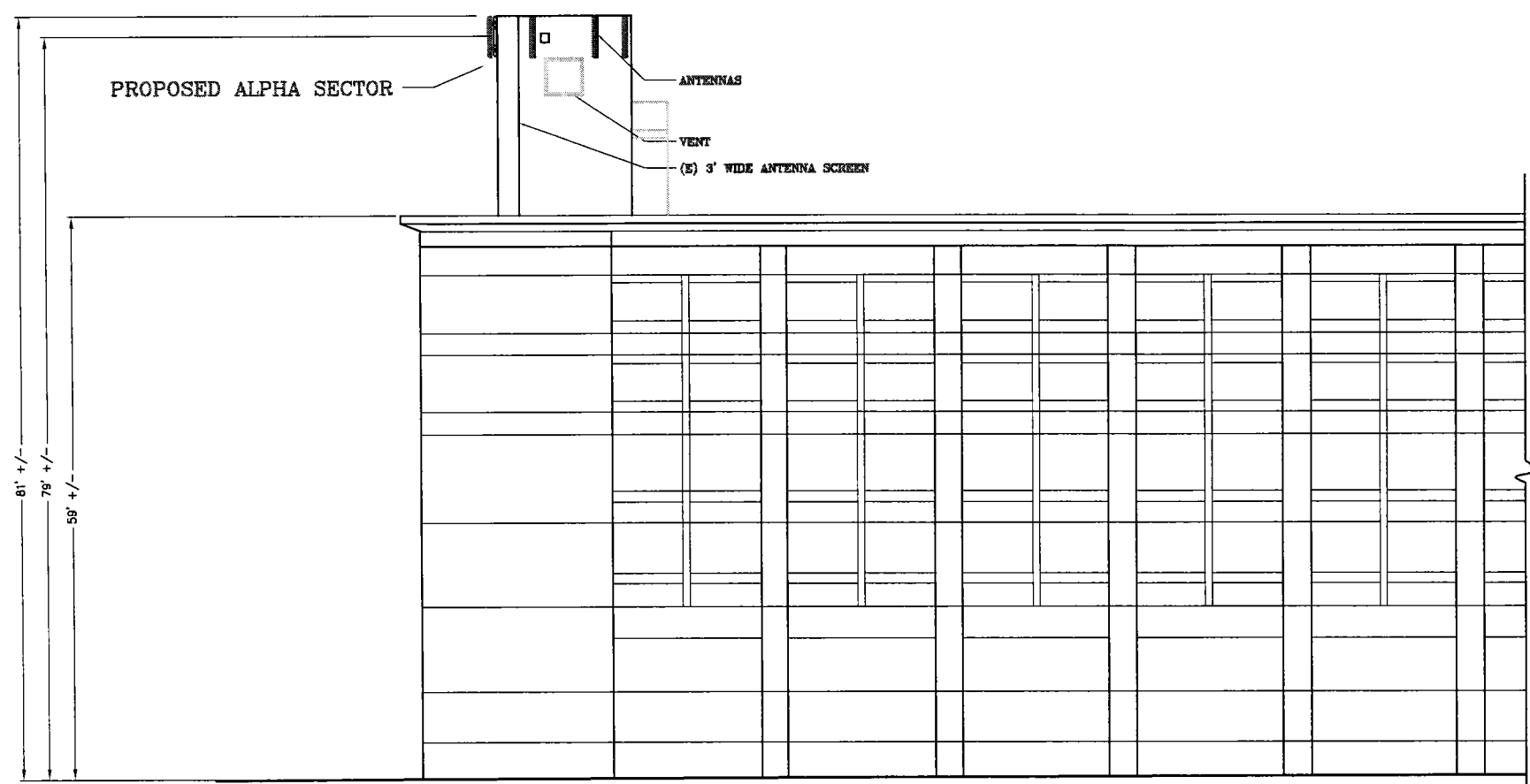
SHEET TITLE

ELEVATIONS

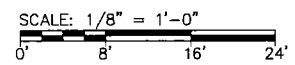
SHEET NUMBER

A-2

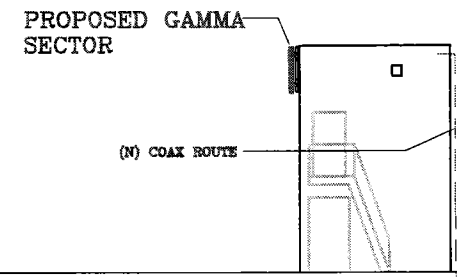
FORESIGHT JOB # 500911



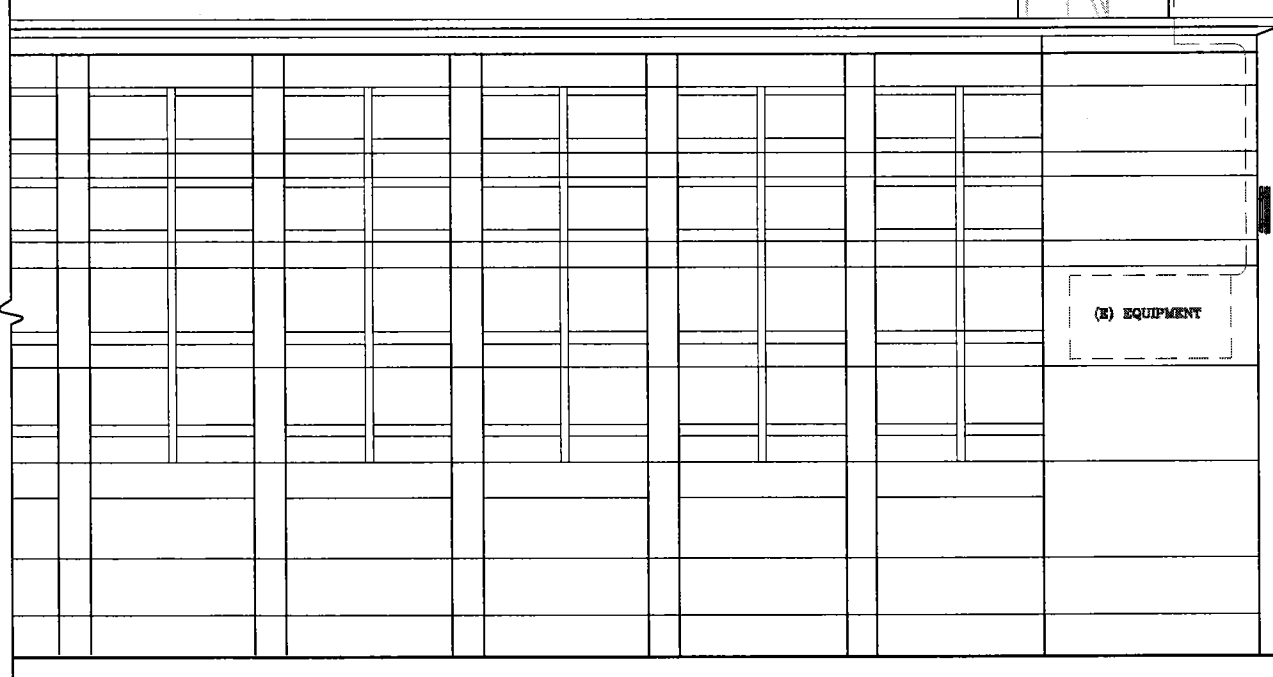
SOUTHWEST ELEVATION



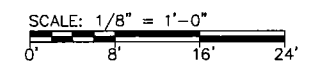
NOTE: SOUTHWEST END OF GARAGE NOT SHOWN FOR SCALE AND CLARITY



PROPOSED GAMMA SECTOR



SOUTHEAST ELEVATION



Foresight

Land Surveying & Civil Engineering
 Jim Schuricht
 ph 925-389-8180
 email: foresight@comcast.net

NSA WIRELESS, INC.
 2000 Crow Canyon Pl.
 Suite 400
 San Ramon, CA 94583
 Office: 925-244-1890
 Fax: 925-355-0672



2785 MITCHELL DRIVE, BLDG 9
 WALNUT CREEK, CA. 94598
 OFFICE: (925) 279-6000
 TOM KROHN
 (925) 279-6329

PSL NO.123689
 CONVENTION CENTER
 5TH & MISSION STREET
 SAN FRANCISCO, CA
 SAN FRANCISCO COUNTY

VERIZON WIRELESS
 EQUIP. ENGINEER:

SIGNATURE DATE

VERIZON WIRELESS
 REAL ESTATE:

SIGNATURE DATE

VERIZON WIRELESS
 CONSTRUCTION:

SIGNATURE DATE

VERIZON WIRELESS
 RF ENGINEER:

SIGNATURE DATE

PROPERTY OWNER:

SIGNATURE DATE

DRAWN BY CHECKED BY
 rdb

NO.	DATE	ISSUE
A	03/09/09	FOR REVIEW
0	04/13/09	PER REDLINES
1	04/29/10	PER REDLINES
2	05/05/10	PER REDLINES
3	05/18/10	100% ZD'S
4	02/02/11	PER REDLINES

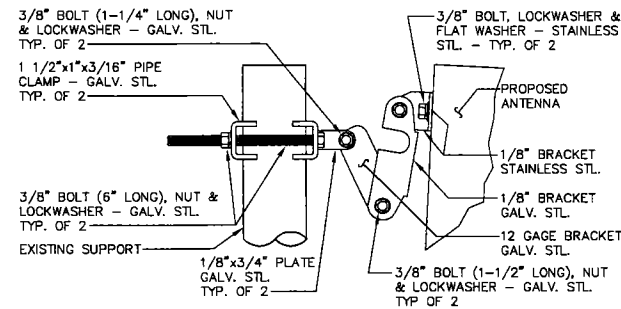
SHEET TITLE

ELEVATIONS

SHEET NUMBER

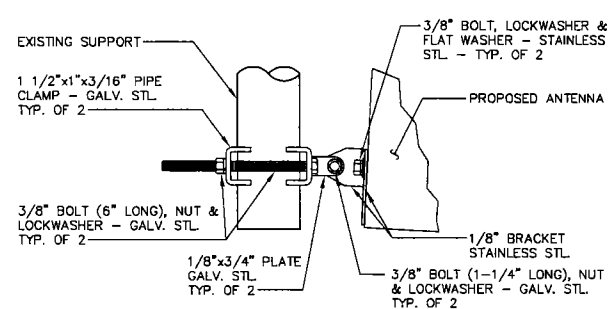
A-3

FORESIGHT JOB # 500911



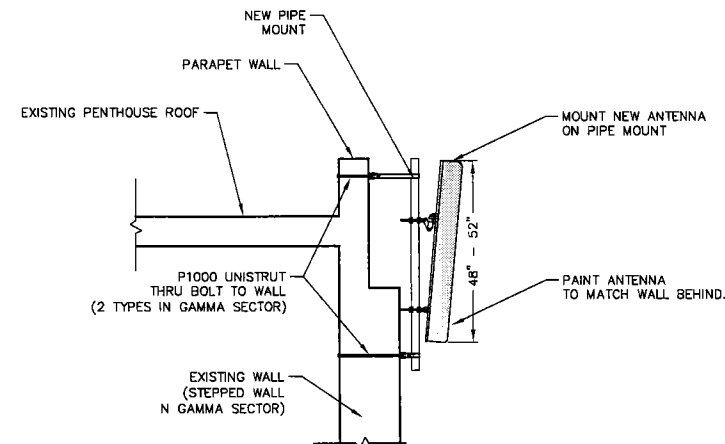
UPPER DOWNTILT BRACKET

NOT TO SCALE



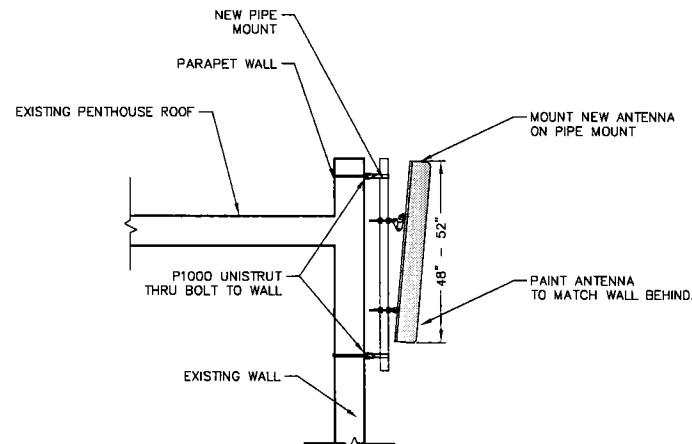
LOWER DOWNTILT BRACKET

NOT TO SCALE



ANTENNA MOUNT (ALPHA SECTOR)

N.T.S.



ANTENNA MOUNT (GAMMA SECTOR)

N.T.S.

DESIGN CONFORMS TO THE CALIFORNIA BUILDING CODE, 2007 EDITION.

- THE CONTRACTOR SHALL NOTIFY FORESIGHT (WHERE REQUIRED) OF ANY ERRORS, OMISSIONS, OR INCONSISTENCIES AS THEY MAY BE DISCOVERED IN PLANS, DOCUMENTS, NOTES, OR SPECIFICATIONS PRIOR TO STARTING CONSTRUCTION INCLUDING, BUT NOT LIMITED BY DEMOLITION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTING ANY ERROR, OMISSION, OR INCONSISTENCY AFTER THE START OF CONSTRUCTION WHICH HAS NOT BEEN BROUGHT TO THE ATTENTION OF FORESIGHT AND SHALL INCUR ANY EXPENSES TO RECTIFY THE SITUATION. THE MEANS OF CORRECTING ANY ERROR SHALL FIRST BE APPROVED BY HMM DESIGN GROUP.
- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO THE START OF ANY WORK. DISCREPANCIES SHALL BE REPORTED IMMEDIATELY TO FORESIGHT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK AND MATERIALS INCLUDING THOSE FURNISHED BY THE SUB-CONTRACTOR.
- A COPY OF GOVERNING AGENCY APPROVED PLANS SHALL BE KEPT IN A PLACE SPECIFIED BY THE GOVERNING AGENCY, AND BY LAW, SHALL BE AVAILABLE FOR INSPECTION AT ALL TIMES. ALL CONSTRUCTION SETS SHALL REFLECT THE SAME INFORMATION GOVERNING AGENCY APPROVED PLANS. THE CONTRACTOR SHALL ALSO MAINTAIN ONE SET OF PLANS, IN GOOD CONDITION, COMPLETE WITH ALL REVISIONS, ADDENDA, AND/OR CHANGE ORDERS AT THE CONCLUSION OR THE WORK AS A PART OF THE AS-BUILT DRAWINGS RECORDS.
- THE CONTRACTOR SHALL STUDY THE STRUCTURAL, ELECTRICAL, MECHANICAL, AND PLUMBING PLANS AND CROSS CHECK THEIR DETAILS, NOTES, DIMENSIONS, AND ALL REQUIREMENTS PRIOR TO THE START OF ANY WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE SECURITY OF THE PROJECT AND SITE WHILE THE WORK IS IN PROGRESS UNTIL THE JOB IS COMPLETE.
- THE CONTRACTOR HAS THE RESPONSIBILITY OF LOCATING ALL EXISTING UTILITIES WHETHER OR NOT SHOWN ON THE PLANS, AND TO PROTECT THEM FROM DAMAGE. THE CONTRACTOR, OR SUB-CONTRACTOR AS SPECIFIED IN THE AGREEMENT BETWEEN THE SUB-CONTRACTOR AND CONTRACTOR, SHALL BEAR THE EXPENSES OF REPAIR AND/OR REPLACEMENT OF UTILITIES OR OTHER PROPERTY DAMAGED BY OPERATIONS IN CONJUNCTION WITH THE EXECUTION OF THE WORK.
- THE REFERENCES OF THE DRAWINGS ARE FOR CONVENIENCE ONLY AND SHALL NOT LIMIT THE APPLICATION OF THE DRAWINGS OR DETAILS.
- ALL CONSTRUCTION THROUGHOUT THE PROJECT SHALL CONFORM TO TITLE 24 OF THE CALIFORNIA CODE OF REGULATIONS. EXCEPT WHERE EXEMPTED.
- THE GOVERNING AGENCIES, CODE AUTHORITIES AND BUILDING INSPECTORS SHALL PROVIDE THE MINIMUM STANDARDS FOR CONSTRUCTION TECHNIQUES, MATERIALS, AND FINISHES USED THROUGHOUT THE PROJECT. TRADE STANDARDS AND/OR PUBLISHED MANUFACTURERS SPECIFICATIONS MEETING OR EXCEEDING DESIGN REQUIREMENTS SHALL BE USED FOR INSTALLATION.
- DRAWINGS ARE NOT TO BE SCALED UNDER ANY CIRCUMSTANCES. FORESIGHT IS NOT RESPONSIBLE FOR ANY ERRORS RESULTING FROM THIS PRACTICE WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALE SHOWN ON PLANS.
- THE PROJECT, WHEN COMPLETED SHALL COMPLY WITH LOCAL SECURITY CODES AND TITLE 24 ENERGY CONSERVATION REQUIREMENTS. (TITLE 24 WHEN APPLICABLE)
- CONTRACTOR TO REPLACE AND/OR REROUTE ANY EXISTING UNDERGROUND UTILITIES ENCOUNTERED DURING TRENCHING AND GENERAL CONSTRUCTION.
- THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING A PROJECT LEAVE, STRAIGHT, AND TRUE, ACCORDING TO THE PLANS. THE CONTRACTOR SHALL COMPARE THE LINES AND LEVELS OF THE EXISTING CONDITIONS WITH THOSE SHOWN OF THE PLANS PRIOR TO START OF ANY CONSTRUCTION.
- THE CONTRACTOR SHALL PROVIDE ALL NECESSARY BACKING, BLOCKING, AND/OR SLEEVES REQUIRED FOR THE INSTALLATION OF FIXTURES, MECHANICAL EQUIPMENT, PLUMBING, HARDWARE, AND FINISH ITEMS TO INSURE A PROPER AND COMPLETE JOB.
- TRADES INVOLVED IN THE PROJECT SHALL BE RESPONSIBLE FOR THEIR OWN CUTTING, FITTING, PATCHING, ETC. SO AS TO BE RECEIVED PROPERLY BY THE WORK OF OTHER TRADES.
- THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR AND SHALL REMEDY ALL FAULTY, INFERIOR, AND/OR IMPROPER MATERIALS, DAMAGED GOODS, AND/OR FAULTY WORKMANSHIP FOR ONE (1) YEAR AFTER THE PROJECT IS COMPLETE AND ACCEPTED UNDER THIS CONTRACT; UNLESS NOTED OTHERWISE IN THE CONTRACT BETWEEN THE OWNER AND THE CONTRACTOR.
- THE CONTRACTOR SHALL BE REQUIRED TO PAY FOR ALL NECESSARY PERMITS AND/OR FEES WITH RESPECT TO THE WORK TO COMPLETE THE PROJECT. BUILDING PERMIT APPLICATIONS SHALL BE FILED BY THE OWNER OR THEIR REPRESENTATIVE. CONTRACTOR SHALL OBTAIN AND MAKE FINAL PAYMENT FOR SAID DOCUMENT.
- FIRE EXTINGUISHER REQUIREMENTS SHALL BE VERIFIED WITH THE LOCAL FIRE MARSHALL.
- CONTRACTOR TO LOCATE ALL UTILITIES PRIOR TO PLACEMENT OF NEW IMPROVEMENTS.
- IF NECESSARY THE CONTRACTOR TO PROVIDE TRENCH AS REQUIRED TO INSTALL BOTH ELECTRICAL AND TELEPHONE UNDERGROUND CONDUITS (#40 PVC), BACKFILL WITH CLEAN SAND AND COMPACT TO THE SATISFACTION OF THE DISTRICTS INSPECTOR. REPLACE FINISH GRADE WITH MATCHING MATERIALS (GRASS, ASPHALT, CONCRETE, ETC.).
- IF NECESSARY THE CONTRACTOR TO PROVIDE HEAVY STEEL PLATES AT OPEN TRENCHES FOR SAFETY AND TO PROTECT EXISTING GROUND SURFACES FROM HEAVY EQUIPMENT UTILIZED DURING CONSTRUCTION.
- IF NECESSARY THE CONTRACTOR TO PATCH AND REPAIR ALL GROUND SURFACES WITHIN THE CONSTRUCTION AREA AS NECESSARY TO PROVIDE A UNIFORM SURFACE AND MAINTAIN EXISTING SURFACE DRAINAGE SLOPES.

Foresight

Land Surveying & Civil Engineering

Jim Schuricht
ph 925-389-8180
email: foresight@comcast.net

NSA WIRELESS, INC.

2000 Crow Canyon Pl.
Suite 400
San Ramon, CA 94583
Office: 925-244-1890
Fax: 925-355-0672



2785 MITCHELL DRIVE, BLDG 9
WALNUT CREEK, CA. 94598
OFFICE: (925) 279-6000
TOM KROHN
(925) 279-6329

PSL NO.123689
CONVENTION CENTER
5TH & MISSION STREET
SAN FRANCISCO, CA
SAN FRANCISCO COUNTY

VERIZON WIRELESS
EQUIP. ENGINEER:

SIGNATURE DATE

VERIZON WIRELESS
REAL ESTATE:

SIGNATURE DATE

VERIZON WIRELESS
CONSTRUCTION:

SIGNATURE DATE

VERIZON WIRELESS
RF ENGINEER:

SIGNATURE DATE

PROPERTY OWNER:

SIGNATURE DATE

DRAWN BY CHECKED BY

LAM

NO.	DATE	ISSUE
A	03/19/09	FOR REVIEW
0	04/13/09	PER REDLINES
1	04/29/10	PER REDLINES
2	05/05/10	PER REDLINES
3	05/18/10	100% ZD'S
4	11/12/10	PER REDLINES
5	02/02/11	PER REDLINES

SHEET TITLE

**DETAILS
GENERAL NOTES**

SHEET NUMBER

A-4

FORESIGHT JOB # 500911