



SAN FRANCISCO PLANNING DEPARTMENT

Executive Summary Conditional Use Authorization

HEARING DATE: MAY 27, 2010
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: May 20, 2010
Case No.: **2009.0620C**
Project Address: **530 Bush Street**
Current Zoning: C-3-G (Downtown, General, Commercial) District
65-A Height and Bulk District
Block/Lot: 0271/027
Project Sponsor: James Singleton
NSA Wireless, INC. for Verizon Wireless
12647 Alcosta Boulevard, Suite 110
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 wireless telecommunications service (WTS) facility by adding up to three new panel antennas on the penthouse of an existing office building as part of Verizon Wireless's telecommunications network. The antennas are proposed on a Location Preference 2 Site (Preferred Location – Co-Location Site) according to the Wireless Telecommunications Services (WTS) Siting Guidelines. Each antenna measures approximately six feet high by one foot wide by seven inches thick. Three Verizon Wireless panel antennas and two antennas owned by another carrier already exist at the site with an associated equipment room located on the fourth floor.

The antennas would be mounted at a maximum height of approximately 125 feet on the penthouse. The proposed antenna located on the southerly façade of the penthouse would be flush-mounted to the penthouse, while the other two antennas located on the westerly and northerly facades would extend approximately five feet above the penthouse. In C-3 Districts, when an antenna is not flush-mounted to a building extending 25 feet or more above the applicable height limit, Conditional Use authorization is required to allow an antenna to be mounted in such fashion.

SITE DESCRIPTION AND PRESENT USE

The project is located on the north side of Bush Street between Stockton Street and Grant Avenue, Assessor's Block 0271, Lot 027. This site is within the C-3-G (Downtown, General, Commercial) Use District and a 65-A Height and Bulk District.

The Project Site contains two buildings that share a common penthouse facility, which includes stair, elevator and mechanical penthouse facilities. The westerly portion of the site contains a nine-story office building constructed in 1982, which contains several different uses including the Consulate General of France and the Consulate General of Ukraine. The easterly portion of the site contains a building constructed in 1916, which is included in the *Here Today* survey and is rated a Category II building within the Kearny-Market-Mason-Sutter Conservation District as designated by Article 11 of the Planning Code. The easterly building was originally constructed as a PG&E steam generating plant, but now contains offices.

SURROUNDING PROPERTIES AND NEIGHBORHOOD

The Project Site is located in downtown San Francisco immediately west of Chinatown and the Financial District and north of the Union Square retail district. The subject area of downtown San Francisco is primarily developed with mid to high-rise buildings containing many different uses including tourist hotels, offices, institutional uses, residential hotels and apartments. Ground-level uses primarily include eating and drinking establishments and small-scale retail stores.

ENVIRONMENTAL REVIEW

The proposed project was determined by the San Francisco Public Utilities Commission's Bureau of Environmental and Regulatory Management 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	May 07, 2010	May 07, 2010	20 days
Posted Notice	20 days	May 07, 2010	May 07, 2010	20 days
Mailed Notice	20 days	May 07, 2010	May 07, 2010	20 days

PUBLIC COMMENT

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

ISSUES AND OTHER CONSIDERATIONS

- The proposed antennas are anticipated not to be visible or minimally visible when viewed from nearby public rights-of-way. The proposed antennas on the southerly and northerly façades of the penthouse are anticipated not to be visible from immediately adjacent public rights-of-way. The antenna on the west façade of penthouse is anticipated to be minimally visible when viewed from Stockton Street through Emma Street. Please see the attached photo simulation for reference.

- Pursuant to Section 106 of the National Historic Preservation Act of 1966, the Federal Communications Commission (FCC) must take into account the effects of its proposed undertakings on historic properties. These undertakings typically include projects, activities, or programs that require a permit, a license or approval from the FCC. The regulations that implement Section 106 (36 CFR Part 800) require the FCC to consult with the State Historic Preservation Officer (SHPO). After consulting with SHPO, SHPO did not comment on the subject proposal, which effectively means SHPO does not believe the project will affect a historic building or district.

REQUIRED COMMISSION ACTION

- Pursuant to Section 227(i)(1) of the Planning Code, Conditional Use authorization is required for a wireless telecommunications service facility as defined by Section 227(h) of the Planning Code in the C-3-G District when a proposed antenna(s) will not be flush-mounted when an antenna(s) is located 25 feet above the applicable height limit.

BASIS FOR RECOMMENDATION

The Department believes this project is necessary and/or desirable under Section 303 of the Planning Code for the following reasons:

- 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 2, a preferred location, according to the Wireless Telecommunications Services (WTS) Siting Guidelines.
- The proposed antennas will not be visible or will be minimally visible from adjacent rights-of-way so as to avoid intrusion into public vistas, avoid disruption of the architectural design integrity of building and insure harmony with neighborhood character.

RECOMMENDATION: Approval with Conditions
--

Attachments:
Block Book Map
Sanborn Map

Aerial Photographs
Photographs
Photo Simulations
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\530 Bush Street\530 Bush Street Executive Summary.doc



SAN FRANCISCO PLANNING DEPARTMENT

Subject to: (Select only if applicable)

- Inclusionary Housing (Sec. 315)
- Jobs Housing Linkage Program (Sec. 313)
- Downtown Park Fee (Sec. 139)
- First Source Hiring (Admin. Code)
- Child Care Requirement (Sec. 314)
- 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: MAY 27, 2010

Date: May 20, 2010
Case No.: **2009.0620C**
Project Address: **530 Bush Street**
Current Zoning: C-3-G (Downtown, General, Commercial) District
 65-A Height and Bulk District
Block/Lot: 0271/027
Project Sponsor: James Singleton
 NSA Wireless, INC. for Verizon Wireless
 12647 Alcosta Boulevard, Suite 110
 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 227(i)(1) TO EXPAND AN EXISTING WIRELESS TELECOMMUNICATIONS SERVICE FACILITY BY ADDING THREE PANEL ANTENNAS ON THE PENTHOUSE OF AN EXISTING OFFICE BUILDING WITHIN A C-3-G (DOWNTOWN, GENERAL, COMMERCIAL) USE DISTRICT AND A 65-A HEIGHT AND BULK DISTRICT.

PREAMBLE

On July 8, 2009, James Singleton of NSA Wireless, INC. for Verizon Wireless (hereinafter "project sponsor"), made an application (hereinafter "application"), for Conditional Use authorization on the property at 530 Bush Street, Lot 027 in Assessor's Block 0271 (hereinafter "project site"), to expand an existing wireless telecommunications service (WTS) facility by adding three panel antennas on the penthouse of an existing office building within a C-3-G (Downtown, General, Commercial) Use District and a 65-A Height and Bulk District.

The proposed project was determined by the San Francisco Public Utilities Commission's Bureau of Environmental and Regulatory Management to be categorically exempt from the environmental review process pursuant to Class 3 exemptions (Section 15303 of the California Environmental Quality Act) of Title 14 of the California Administrative Code. The 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, as the custodian of records, at 1650 Mission Street, San Francisco.

The proposed project as approved herein is consistent with the project description contained in the categorical exemption and would not result in significant impacts not identified in the categorical exemption or cause significant effects already identified in the categorically exemption to be substantially more severe.

On May 27, 2010, the 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. 2009.0620C, subject to the conditions contained in "EXHIBIT A" of this motion, based on the following findings:

FINDINGS

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

1. The above recitals are accurate and constitute findings of this Commission.
2. **Site Description and Present Use.** The project is located on the north side of Bush Street between Stockton Street and Grant Avenue, Assessor's Block 0271, Lot 027. This site is within the C-3-G (Downtown, General, Commercial) Use District and a 65-A Height and Bulk District.

The Project Site contains two buildings that share a common penthouse facility, which includes stair, elevator and mechanical penthouse facilities. The westerly portion of the site contains a nine-story office building constructed in 1982, which contains several different uses including the Consulate General of France and the Consulate General of Ukraine. The easterly portion of the site contains a building constructed in 1916, which is included in the *Here Today* survey and is rated a Category II building within the Kearny-Market-Mason-Sutter Conservation District as designated under Article 11 of the Planning Code. The easterly building was originally constructed as a PG&E steam generating plant, but now contains offices.

3. **Surrounding Properties and Neighborhood.** The Project Site is located in downtown San Francisco immediately west of Chinatown and the Financial District and north of the Union Square retail district. The subject area of downtown San Francisco is primarily developed with mid to high-rise buildings containing many different uses including tourist hotels, offices, institutional uses, residential hotels and apartments. Ground-level uses primarily include eating and drinking establishments and small-scale retail stores.
4. **Proposal.** The proposal is to expand an existing wireless telecommunications service (WTS) facility by adding up to three new panel antennas on the penthouse of an existing office building as part of Verizon Wireless's telecommunications network. The antennas are proposed on a

Location Preference 2 Site (Preferred Location – Co-Location Site) according to the Wireless Telecommunications Services (WTS) Siting Guidelines. Each antenna measures approximately six feet high by one foot wide by seven inches thick. Three Verizon Wireless panel antennas and two antennas owned by another carrier already exist at the site with an associated equipment room located on the fourth floor. The antennas would be mounted at a maximum height of approximately 125 feet on the penthouse. The proposed antenna located on the southerly façade of the penthouse would be flush-mounted to the penthouse, while the other two antennas located on the westerly and northerly facades would extend approximately five feet above the penthouse.

5. **Past History and Actions.** The Planning Commission held a duly advertised public hearing on August 15, 1996 to consider adoption of guidelines for the siting of WTS facilities in the City which would include standard conditions of approval for wireless communications facilities which are regulated by the FCC and required to meet the health and safety standards.

The Planning Commission, by Resolution No. 14182, adopted the proposed WTS Facilities Siting Guidelines on August 15, 1996. The sample conditions of approval presented in the Guidelines form the basis for the development of conditions of approval for this Application and Motion.

6. **Location Preference.** The WTS Facilities Siting Guidelines identify different types of buildings for the siting of wireless telecommunications facilities, with Location Preference 1 being the most desirable location and Location Preference 7 being the least desirable location. Under the Guidelines, the Project is a Location Preference Number 2, as it is a co-location site.
7. **Radio Waves Range.** The Project Sponsor has stated that the proposed wireless network will transmit calls by radio waves operating at the approximate 1950 Megahertz (MHZ) band and receive calls at the 870 MHZ band, which are 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. 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 existing RF levels at ground level near the site for Verizon Wireless's proposal were less than 1% of the FCC public exposure limit. Verizon Wireless is proposing to install three Andrew Model LNX6512DS-T4M directional panel antennas on a penthouse and orient them towards 15, 155 and 270 degrees. The estimated ambient RF field from the proposed transmitters at ground level is calculated to be 0.0011 mW/square centimeter which is .20% of the FCC public exposure limit. The maximum RF level at the nearby buildings is calculated to be less than 1% of the public limit. The three dimensional perimeter of RF levels equal to the public exposure limit does not reach any public accessible locations. Due to the mounting locations of the antennas on the penthouse, they will not be accessible to the general public. Warning signs must be posted at the roof access door, barricades

and antennas in English, Spanish and Chinese. Workers should not have access within 8 feet of the front of the antennas while they are in operation.

10. **Maintenance Schedule.** The proposed facility would operate without on-site staff but with a one- or two-person maintenance crew visiting the property approximately once or twice a month and on an as-needed basis to service and monitor the facility.
11. **Community Outreach.** A Community Outreach Meeting was conducted for the proposed project. The meeting was held from 7:30 pm to 9:30 pm on Tuesday, October 27, 2009, at Old St. Mary's Cathedral located at 660 California Street, San Francisco, CA 94108. No neighbors attended the meeting.
12. **Five-year plan:** Verizon Wireless submitted its latest five-year plan, as required, in April 2010.
13. **Public Comment.** The Department has not received public comment since the filing of the application as of the date of this motion.
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 227(i)(1), a Conditional Use is required for any portion of WTS facilities when they are located 25 feet above the height, but not flush-mounted to the subject building.
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.

The proposed project 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 mixed-use 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 proposed project will also 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.

An evaluation of potential health effects from RF radiation, conducted by the Department of Public Health, 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, 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 installation of antennas on the existing penthouse is not anticipated to affect landscaping, screening, open spaces, parking and loading areas, service areas and lighting and signs.

- 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

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 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.

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 historic building located on the easterly portion of the lot will not be affected by the installation of the WTS facilities. The project has been designed so as to avoid disruption of the architectural design integrity of 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 Section 227(i)(1) to expand a wireless telecommunications facility by adding three panel antennas on an existing penthouse as part of Verizon Wireless's wireless telecommunications network within a C-3-G (Downtown, General, Commercial) Use District and a 65-A 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 **May 27, 2010**.

Linda Avery
Commission Secretary

AYES:

NAYS:

ABSENT:

ADOPTED: May 27, 2010

Exhibit A

Conditions of Approval

Whenever "Project Sponsor" is used in the following conditions, the conditions shall also bind any successor to the Project or other persons having an interest in the Project or underlying property.

General Conditions

1. This approval is for Conditional Use authorization under Planning Code Section 227(i)(1) to expand a wireless telecommunications facility by adding three panel antennas on an existing penthouse as part of Verizon Wireless's wireless telecommunications network within a C-3-G (Downtown, General, Commercial) Use District and a 65-A Height and Bulk District
2. The Project approved by this Motion is in general conformity with the plans dated July 8, 2009, on file with the Department in the docket for Case No. 2009.0620C (labeled EXHIBIT B), reviewed and approved by the Commission on May 27, 2010.

Design

3. The final plans shall meet the standards of the Planning Code and be in general conformity with the plans approved by the Commission on May 27, 2010 as Exhibit B found in the Case docket.
4. 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 include:
 - 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.

Performance

5. Project Implementation Report. 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. 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 week day with the subject equipment measured while operating at maximum power.
 - d. 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.
6. Notification and Testing. The Project Implementation Report shall set forth the testing and measurements undertaken pursuant to Conditions 4 and 13.
7. 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.
8. Notification prior to Project Implementation Report. The Project Sponsor shall undertake to inform and perform appropriate tests for residents of any dwelling units located within 25 feet of the transmitting antennae 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.
9. Community Liaison. Within 10 days of the effective date of this authorization, the Project Sponsor shall appoint a community liaison officer to resolve issues of concern to neighbors and residents relating to the construction and operation of the facilities. Upon appointment, the Project Sponsor shall report in writing the name, address and telephone number of this officer to

the Zoning Administrator. The Community Liaison Officer 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.

10. Installation. 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.
11. Screening.
 - a. To the extent necessary to ensure compliance with adopted FCC regulations regarding human exposure to RF emissions, and upon the recommendation of the Zoning Administrator, the Project Sponsor shall:
 - i. Modify the placement of the facilities;
 - ii. Install fencing, barriers or other appropriate structures or devices to restrict access to the facilities;
 - iii. 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; or
 - iv. Implement any other practice reasonably necessary to ensure that the facility is operated in compliance with adopted FCC RF emission standards.
 - b. To the extent necessary to minimize visual obtrusion and clutter, installations shall conform to the following standards:
 - i. Antennas and back-up equipment shall be painted, fenced, landscaped or otherwise treated architecturally so as to minimize visual impacts;
 - ii. Rooftop installations shall be setback such that back-up facilities are not viewed from the street;
 - iii. Antennae attached to building facades shall be so placed, screened or otherwise treated to minimize any negative visual impact; and
 - iv. 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.
12. The Project Sponsor or Property Owner shall remove antennae and equipment that has been out of service for a continuous period of six months.

13. Periodic Safety Monitoring. 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.
14. Emissions Conditions. 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.
15. Noise and Heat. The WTS facility, including power source and cooling facility, shall be operated at all times within the limits of the San Francisco Noise Ordinance. The WTS facility, including power source and cooling facility, shall not be operated so as to cause the generation of heat that adversely affects a building occupant.
16. Implementation and Monitoring Costs.
 - 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 the monitoring of the conditions of approval contained in this authorization, including costs incurred by this Department, the Department of Public Health, the Department of Electricity and Telecommunications, Office of the City Attorney, or any other appropriate City Department or agency pursuant to Planning Code Section 351(f)(2). 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.
17. All Conditions Basis for Revocation. The Project Sponsor or its successors shall comply fully with all conditions specified in this authorization. Failure to comply with any condition shall constitute grounds for revocation under the provisions of Planning Code Sections 174, 176 and 303(d). The Zoning Administrator shall schedule a public hearing before the Planning Commission to receive testimony and other evidence to demonstrate a finding of a violation of a condition of the authorization of the use of the facility and, finding that violation, the Commission shall revoke the Conditional Use authorization. Such revocation by the Planning Commission is appealable to the Board of Supervisors.

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.

18. Complaints and Proceedings. Should any party complain to the Project Sponsor about the installation or operation of the facilities, which complaints are not resolved by the Project Sponsor, the Project Sponsor (or its appointed agent) shall advise the Zoning Administrator of the complaint and the failure to satisfactorily resolve such complaint. If the Zoning Administrator thereafter finds a violation of any provision of the Planning Code and/or any condition of approval herein, the Zoning Administrator shall attempt to resolve such violation on an expedited basis with the Project Sponsor. If such efforts fail, the Zoning Administrator shall refer such complaints to the Commission for consideration at the next regularly scheduled public meeting.
19. Severability. 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 of the remaining provisions, clauses, sentences, or sections of these conditions. It is hereby declared to be the intent of the Commission that these conditions of approval would have been adopted had such invalid sentence, clause, or section or part thereof not been included herein.
20. Transfer of Operation. 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, and the authorizing Motion is recorded on the deed of the property stating the new carrier/provider and authorizing conditions of approval.
21. Compatibility with City Emergency Services. The facility shall not be operated, nor 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.

STAFF-SUBMITTED GRAPHICS

530 BUSH STREET
CASE NO. 2009.0620C

Parcel Map

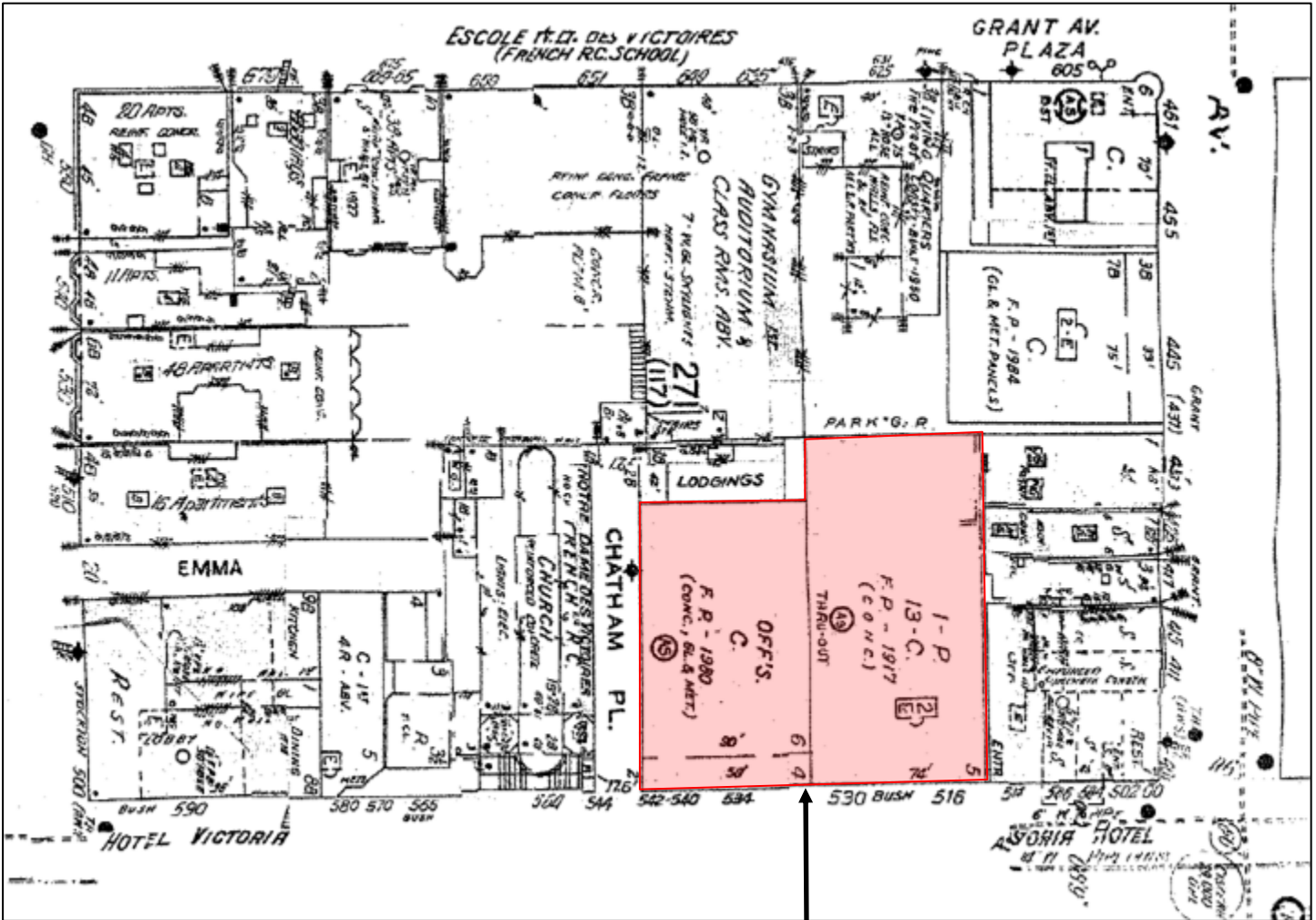


SUBJECT PROPERTY



Conditional Use Authorization Request
Case Number 2009.0620C
Verizon Wireless WTS Facility Expansion
530 Bush 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.



Conditional Use Authorization Request
 Case Number 2009.0620C
 Verizon Wireless WTS Facility Expansion
 530 Bush Street

Aerial Photo



SUBJECT PROPERTY



Conditional Use Authorization Request
Case Number 2009.0620C
Verizon Wireless WTS Facility Expansion
530 Bush Street

Aerial Photo

North-Facing



SUBJECT PROPERTY



Conditional Use Authorization Request
Case Number 2009.0620C
Verizon Wireless WTS Facility Expansion
530 Bush Street

Aerial Photo

East-Facing



SUBJECT PROPERTY



Conditional Use Authorization Request
Case Number 2009.0620C
Verizon Wireless WTS Facility Expansion
530 Bush Street

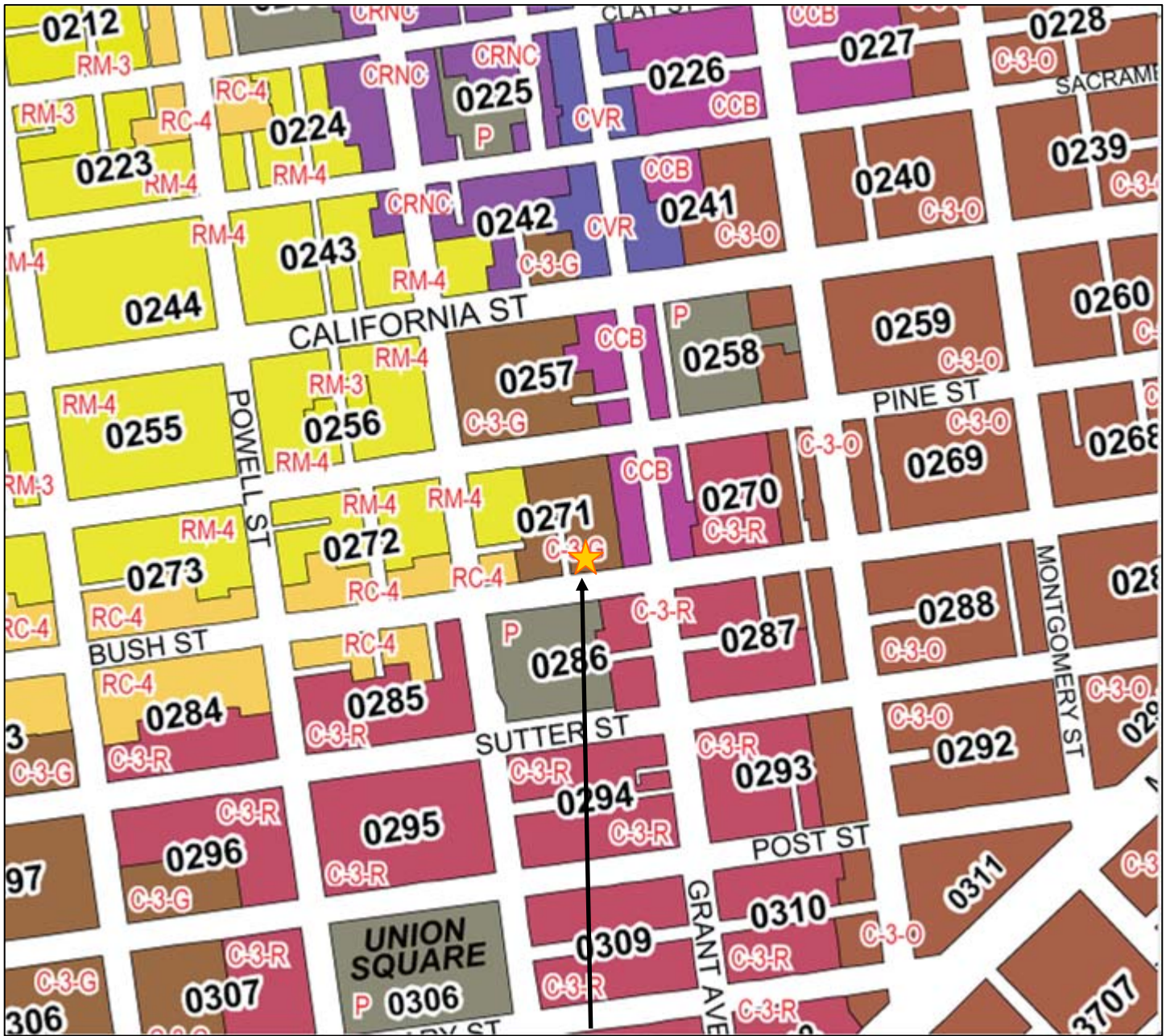
Aerial Photo

South-Facing

SUBJECT PROPERTY



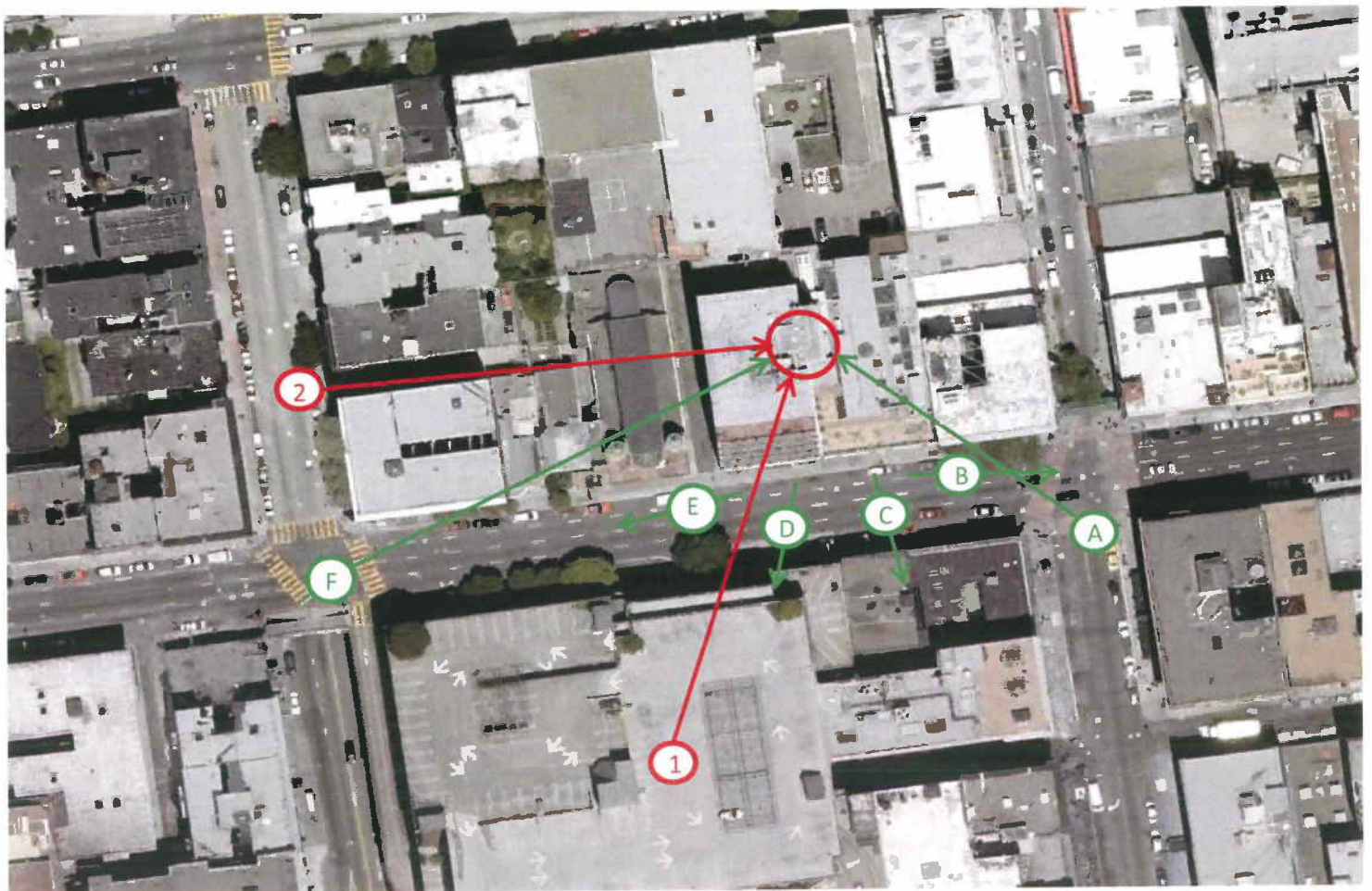
Zoning Map



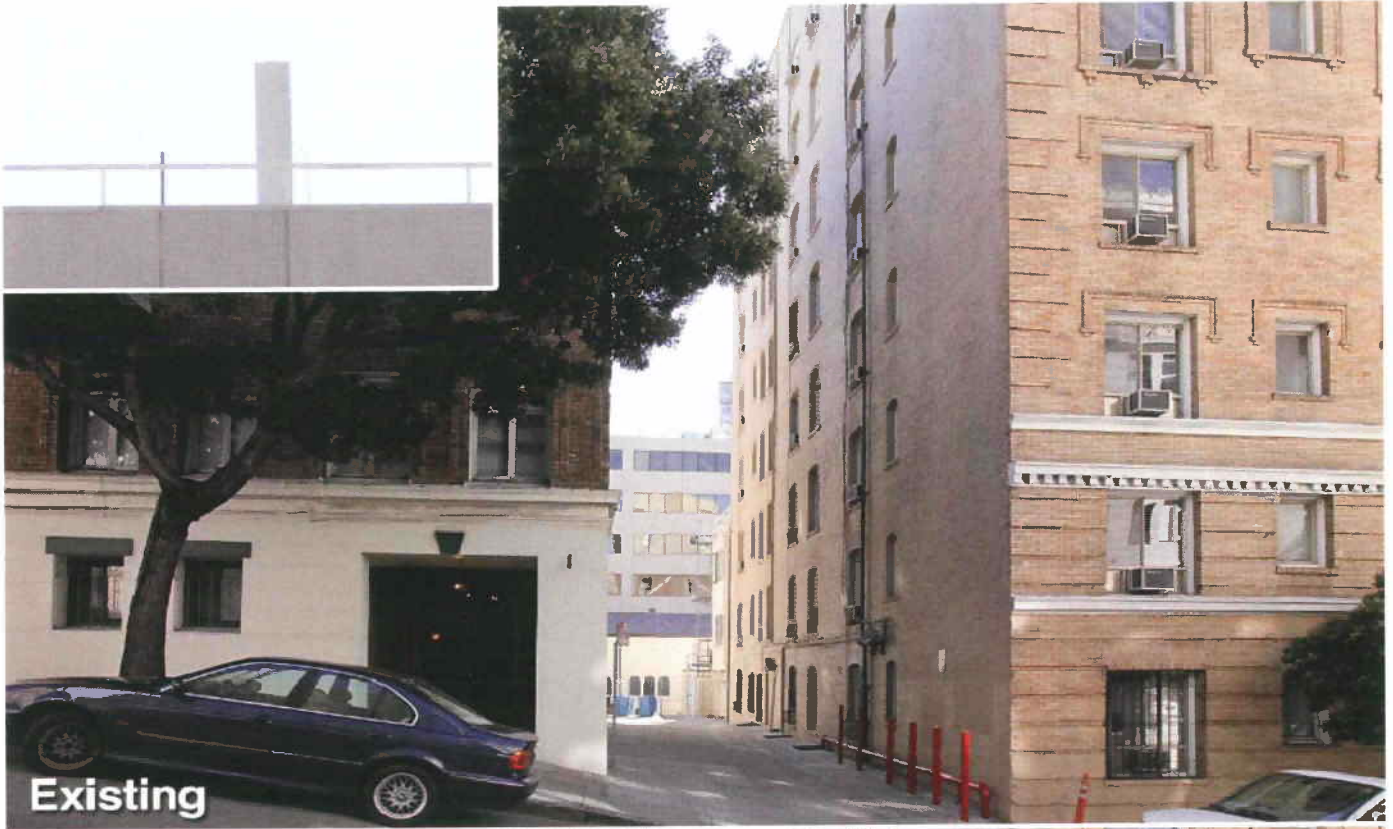
SUBJECT PROPERTY



Conditional Use Authorization Request
Case Number 2009.0620C
Verizon Wireless WTS Facility Expansion
530 Bush Street







Existing



proposed antenna

Proposed



Grant Bush

Site # 123691

Looking East from Stockton Street

5/12/2010

530 Bush Street
San Francisco, CA 94108

EXHIBIT B

APPLICATION No. 2009.0620C

PLANS DATED: 7.8.2009

PLANNING DEPARTMENT



SF GRANT/BUSH PSL# 123691

**538 BUSH STREET
SAN FRANCISCO, CA 94122**

Foresight

Land Surveying & Civil Engineering

Jim Schuricht
ph 925-389-8180
emc@ foresight10.comcast.net

NSA WIRELESS, INC.

Bishop Ranch 15 1st Floor
12647 Alcosta Blvd, Suite 110
San Ramon, CA 94583
Office: 925-244-1890
Fax: 925-355-0672



2785 MITCHELL DRIVE, BLDG 9
WALNUT CREEK, CA 94598
OFFICE: (925) 279-8000
JAY INOLTE
(925) 279-8391

PSL NO. 123691
SF GRANT/BUSH
538 BUSH ST.
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	3/20/09	FOR REVIEW
0	5/26/09	PER COMMENTS

SHEET TITLE

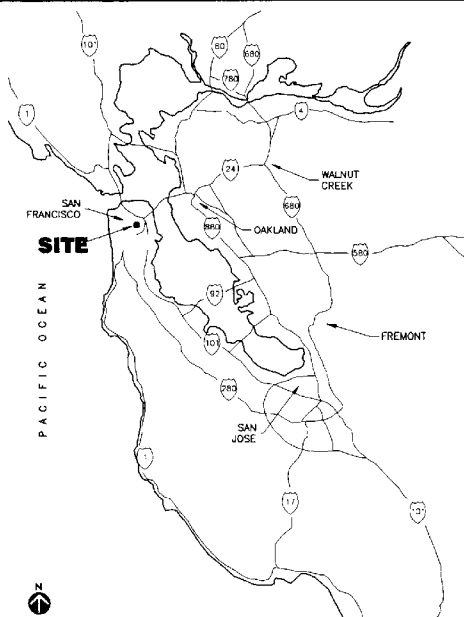
TITLE SHEET

SHEET NUMBER

T-1

FORESIGHT JOB # 500913

LOCATION MAP



VICINITY MAP



DRIVING DIRECTIONS

FROM VERIZON OFFICE - WALNUT CREEK, CA

Depart 2784 Mitchell Dr, Walnut Creek, CA 94598 on Mitchell Dr (West)
Turn LEFT (South-East) onto N Vogel Ln
Turn RIGHT (West) onto Ignacio Valley Rd
Road name changes to Hillside Ave
Take Ramp (RIGHT) onto SR-24 (Crowe Shutter 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 I-80 / San Francisco
Turn RIGHT onto Ramp Fremont St
Turn LEFT (North-West) onto Fremont St, then immediately turn LEFT (South-West) onto Howard St
Turn RIGHT (North-West) onto 3rd St
Road name changes to Kearny St
Turn LEFT (West) onto Geary St
Turn RIGHT (North) onto Powell St
Turn RIGHT (East) onto Bush St

BUILDING / SITE DATA LEGEND

BLOCK AND LOT	0271/027
PSL NUMBER:	123691
OCCUPANCY TYPE:	UNOCCUPIED
CONSTRUCTION TYPE:	V-N

CODE COMPLIANCE

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.

1. CALIFORNIA ADMINISTRATIVE CODE (INCLUDING TITLES 24 & 25)
2. CALIFORNIA BUILDING CODE (CBC) 2007
3. CALIFORNIA MECHANICAL CODE (CMC) 2007
4. CALIFORNIA PLUMBING CODE (CPC) 2007
5. CALIFORNIA ELECTRIC CODE (CEC) 2007
6. COUNTY ORDINANCES

ACCESSIBILITY REQUIREMENTS:
FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. HANDICAPPED ACCESS REQUIREMENTS ARE NOT REQUIRED IN ACCORDANCE WITH THE 2001 CALIFORNIA BUILDING CODE.

PROJECT DESCRIPTION

THE EXISTING VERIZON WIRELESS ANTENNA SITE HAS 1-8 FT. ANTENNA IN EACH OF THREE SECTORS WHICH WILL REMAIN. THE PROPOSAL IS TO ADD 1-6 FT. ANTENNA TO EACH OF THREE SECTORS. CONTRACTOR TO ADD 9 RUNS OF COAX CABLE.

SHEET INDEX

- 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 GENERAL NOTES AND DETAILS

NOTE: IF DRAWING IS 11"x 17"
DRAWING IS 1/2 SCALE

PROJECT TEAM

ENGINEER: FORESIGHT LAND SURVEYING & CIVIL ENGINEERING
CONTACT: JIM SCHURICHT
PHONE: (925) 389-8180

APPLICANT: Verizon wireless
2785 MITCHELL DRIVE
WALNUT CREEK, CA 94598
CONTACT: JAY INOLTE
PHONE: (209) 479-2015

AGENT: NSA WIRELESS, INC.
12467 ALCOSTA BLVD, SUITE 110
SAN RAMON, CA 94583
CONTACT: CHRIS DURAND
PHONE: (925) 279-6391

OWNER: STG ASSET MANAGEMENT
6327 JACUZZI ST, SUITE 1B
RICHMOND, CA 94804
CONTACT: JEFFERY FRY
PHONE: (510) 243-1313

NSA WIRELESS- CONSTRUCTION

SIGNATURE DATE

NSA WIRELESS - LEASING

SIGNATURE DATE

NSA WIRELESS - ZONING

SIGNATURE DATE

San Francisco Fire Department

Division of Fire Prevention
and Investigation

San Francisco Fire Department

Division of Fire Prevention
and Investigation

San Francisco Fire Department

Division of Fire Prevention
and Investigation

STATUS SHEET LOCATION

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 55 - 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, 2006)
- 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

- | | | |
|----------|---------------|---|
| COMPLETE | T-1 | 1. Description of scope of work (both on the application and plans) shall match the actual work being done. |
| COMPLETE | A-1, A-2, A-3 | 2. Plans shall include plan views and elevations showing all equipment locations and cable runs. |
| COMPLETE | T-3 | 3. Submit on a drawing sheet the San Francisco Fire 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. |
| COMPLETE | A-1 | 4. Drawings shall reflect the striped/exclusion areas per the above RF Report with a minimum radius being 1 foot. |
| COMPLETE | T-4, A-1 | 5. Notices to Workers warning signage as applicable per the above RF Report: |

Telephone: (415) 588-6187 Fax: (415) 588-6500
1680 Mission Street, 4th Floor San Francisco, CA 94108
Page 1 of 4
©Copyright and All Rights Reserved by SFFD All Rights Reserved. The Checklist is a Confidential Document.

STATUS SHEET LOCATION

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. percepts, 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.

- | | |
|----------|--|
| N/A | 6. Provide a quantitative three-dimensional perimeter of the RF levels if the antennas appear to extend on any means of egress. |
| N/A | 7. Camouflaged antennas shall have a 4x4 inch 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. ladder, 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. |
| N/A | 8. Plans shall show whether a new electrical service is installed for the cell site. In general, buildings should only have one electrical service. However, with the prior approval of the San Francisco Fire Department and the Electrical Inspection Division, buildings may have one additional service to serve rooftop antenna equipment, provided a permanent placard is provided at the location of each service disconnect stating the location of the other and identifying the equipment served by each service. |
| COMPLETE | 9. Provide route of all cables from their origin to the equipment (plan, elevation and section views). Cables/wiring shall not be allowed in exit enclosures or in front of dry standpipes (2007 CBC 1020.1.1). |
| N/A | 10. EITHER:
Provide a manual battery disconnect:
4. Instruction of signage shall be provided on the Procedure To Disconnect or De-Energize Radio Frequency (RF) Signal for the above manual disconnect for the batteries.
5. Signage shall be permanently mounted next to the battery's electrical pane and clearly labeled in a graphic label with a white background and black lettering. The title block shall be a red background and 1" high white lettering.
6. The actual breakers shall be a phenolic label (red background and white lettering) with lettering not less than 1/8" high. |

Telephone: (415) 588-6187 Fax: (415) 588-6500
1680 Mission Street, 4th Floor San Francisco, CA 94108
Page 2 of 4
©Copyright and All Rights Reserved by SFFD All Rights Reserved. The Checklist is a Confidential Document.

STATUS SHEET LOCATION

- | | |
|-----|--|
| N/A | 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 CBC?
Assure compliance with 2007 CBC Section 606. |
| N/A | 12. Plans state sequence of operations for any new detection, dampers, or fans. |
| N/A | 13. Plans shall clearly show locations of batteries and battery cabinets. |
| N/A | 14. Plans shall state whether the building is fully sprinklered or not. |
| N/A | 15. In fully sprinklered buildings, equipment rooms shall be provided with sprinklers in accordance with NFPA 13. |
| N/A | 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 CBC Section 608 on the drawing sheets. When |

Telephone: (415) 588-6187 Fax: (415) 588-6500
1680 Mission Street, 4th Floor San Francisco, CA 94108
Page 3 of 4
©Copyright and All Rights Reserved by SFFD All Rights Reserved. The Checklist is a Confidential Document.

San Francisco Fire Department

Division of Fire Prevention
and Investigation

compliance with Section 508 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 TANOE BLVD., #802-152, INCLINE VILLAGE, NV 89461
Phone Number: 925-363-9180
Fax Number:
For further information see the FCC website: <http://www.fcc.gov/pst/rf/safe/>

Foresight

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

NSA WIRELESS, INC.
Bishop Ranch 15 1st Floor
12647 Alcosta Blvd, Suite 110
San Ramon, CA 94583
Office: 925-244-1890
Fax: 925-355-0672

Verizon Wireless

2785 MITCHELL DRIVE, BLDG 9
WALNUT CREEK, CA 94598
OFFICE: (925) 279-6000
JAY INDUYE
(925) 279-6391

PSL NO.123691
SF GRANTY/BLUSH
538 BUSH ST.
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 3/20/09 FOR REVIEW
O 5/26/09 PER COMMENTS

SHEET TITLE

SF FD CHECKLIST

SHEET NUMBER

T-2

FORESIGHT JOB # 500913

**Verizon Wireless • Base Station No. 123691 "Grant-Bush"
530 Bush Street • San Francisco, California**

Statement of Hammett & Edison, Inc., Consulting Engineers

The firm of Hammett & Edison, Inc., Consulting Engineers, has been retained on behalf of Verizon Wireless, a wireless telecommunications carrier, to evaluate proposed modifications to its existing base station (Site No. 123691 "Grant-Bush") located at 530 Bush Street with respect to prevailing standards limiting human exposure to radio frequency energy.

Background

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

Extant Wireless Service	Aggrav. Frequency	Occupational Limit	Public Limit
Broadband Radio ("BRS")	2,689 MHz	5.00 mW/cm ²	1.00 mW/cm ²
Advanced Wireless ("AWS")	2,130	5.00	1.00
Personal Communication ("PCS")	1,920	5.00	1.00
Cellular Telephone	870	2.00	0.58
Specialized Mobile Radio ("SMR")	855	2.85	0.57
Long Term Evolution ("LTE")	790	2.35	0.47
(most restrictive frequency range)	39-300	1.00	0.20

The site was visited by Mr. David Kelly, a qualified field technician contracted by Hammett & Edison, Inc., during normal business hours on April 24, 2009, and reference has been made to additional information provided by Verizon regarding the addition of LTE service.

Checklist

- The location of all existing antennas and facilities at site. Existing RF levels.*
Verizon had installed three directional antennas, mounted on the face of the penthouse of the 10-story building located at 530 Bush Street. Access to the antennas was restricted by their mounting locations. There were observed similar antennas mounted on the same building for use by MetroPCS, another wireless telecommunications carrier. Existing RF levels at ground near the site measured less than 1% of the most restrictive public exposure limit.
- The location of all proposed that install antennas and facilities. Expected RF levels from proposed antennas.*
No other WTS facilities are reported to be approved for this site, but not yet installed.
- The number and types of WTS within 100 feet of proposed site and estimates of additive EMR emissions at proposed site.*
There were no other WTS facilities observed within 100 feet of the proposed site.

HAMMETT & EDISON, INC.
100 CALIFORNIA STREET
SAN FRANCISCO, CA 94111

SW 124691999
Sheet 1 of 3

**Verizon Wireless • Base Station No. 123691 "Grant-Bush"
530 Bush Street • San Francisco, California**

4. Location and number of significant antennas, and backup facilities, per building and location and number of other WTS at site.

Verizon proposes to replace its existing antennas with six Andrew directional panel antennas – three Model DMX11-6565B-V1M for PCS and cellular service and three Model LNX6512DS-14M for LTE service – at the same locations, mounted with up to 6° down tilt at an effective height of about 127 feet above ground, 12 feet above the roof, and oriented in pairs toward 151.1, 155.1, and 270.1.

5. Power rating maximum and expected operating power, for all existing and proposed backup equipment, subject to application.

The maximum rating of the cellular and PCS transmitters is 20 watts, with the proposed LTE transmitters rated at 10 watts. The power rating of the transmitters for MetroPCS is not known. The actual operating power of the transmitters will depend upon the system losses encountered after the physical cabling runs have been installed; the transmitters may operate at a power less than their maximum rating, such that the total power radiated from the antennas does not exceed the level given in Item 6 below.

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

The maximum effective radiated power in any direction for Verizon would be 2,560 watts, representing simultaneous operation at 960 watts for PCS, 1,280 watts for cellular, and 400 watts for LTE service. The maximum number of watts for the MetroPCS operation is not known.

7. Plan or map showing method of attachment to antennas, directivity of antennas, and height above ground level. Discuss nearby inhabited buildings.

The antennas would be mounted as described in Item 4 above. There were noted buildings of similar height nearby, across the street.

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

For a person anywhere at ground near the site, the maximum ambient RF level from the proposed Verizon operation is calculated to be 0.0011 mW/cm², which is 0.20% of the applicable public exposure limit. Therefore, ambient levels at ground are estimated to remain less than 1% of the public limit. The maximum calculated on the roof was 62% of the public limit. The three-dimensional perimeter of RF levels equal to the public exposure limit is calculated to extend 38 feet in front of the Verizon antennas; this does not reach any publicly accessible areas.

HAMMETT & EDISON, INC.
100 CALIFORNIA STREET
SAN FRANCISCO, CA 94111

SW 124691999
Page 2 of 3

**Verizon Wireless • Base Station No. 123691 "Grant-Bush"
530 Bush Street • San Francisco, California**

9. Describe proposed signage at site.

Due to their mounting location, the Verizon antennas would not be accessible to the general public, and so no mitigation measures are necessary to comply with the FCC public exposure guidelines. To prevent occupational exposures in excess of the FCC guidelines, no access within 8 feet directly in front of the antennas themselves, such as might occur during maintenance work on the building, should be allowed while the base station is in operation, unless other measures can be demonstrated to ensure that occupational protection requirements are met. Explanatory warning signs had been posted near the antennas, readily visible from any angle of approach to persons who might need to work within that distance.

10. Statement of authorship.

The undersigned author of this statement is a qualified Professional Engineer, holding California Registrations Nos. E-13026 and M-20676, which expire on June 30, 2009. This work has been carried out under his direction, and all statements are true and correct of his own knowledge except, where noted, when data has been supplied by others, which data he believes to be correct.

Conclusion

Based on the information and analysis above, it is my professional opinion that the Verizon Wireless base station operation located at 530 Bush Street in San Francisco will continue to comply with the prevailing standards for limiting public exposure to radio frequency energy and, therefore, will not for this reason cause a significant impact on the environment.

May 18, 2009



William F. Hammett
William F. Hammett, P.E.

* Warning signs comply with OSHA color and symbol recommendations. Contact information was provided in English for those with access to restricted areas, with Spanish and Chinese translations, not by this firm, included.

HAMMETT & EDISON, INC.
100 CALIFORNIA STREET
SAN FRANCISCO, CA 94111

SW 124691999
Page 3 of 3

Foresight

Land Surveying & Civil Engineering

Jim Schuricht
ph: 925-359-8180
email: foresight@comcast.net

NSA WIRELESS, INC.

Bishop Ranch *5 1st Floor
12647 Alcosta Blvd, Suite 110
San Ramon, CA 94583
Office: 925-244-1880
Fax: 925-355-0672

verizon wireless

2785 MITCHELL DRIVE, BLDG 9
WALNUT CREEK, CA 94598
OFFICE: (925) 279-8000
JAY INOYE
(925) 279-6391

PSL NO. 123691
SF GRANT/BUSH
538 BUSH ST.
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

PGM

NO.	DATE	ISSUE
A	3/20/09	FOR REVIEW
0	5/26/09	PER COMMENTS

SHEET TITLE

**EMF
REPORT**

SHEET NUMBER

T-3

FORESIGHT JOB # 500913

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.

As required by the National Commission on Radiation Protection and Control (NCRP) Report No. 115, 1972.

AT&T SITE NO.: CNU XXXX

CAUTION SIGN

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



NOTICE

GUIDELINES FOR WORKING IN RADIO FREQUENCY ENVIRONMENTS

- All personnel should have electromagnetic energy (EME) awareness training.
- All personnel entering this site must be authorized and obey all posted signs.
- Assume all antennas are active. Before working on antennas, notify owners and disable appropriate transmitters.
- Maintain minimum 3 feet clearance from all antennas. Do not stop in front of antennas. Use personal RF monitors while working near antennas.
- Never operate transmitters without shields during normal operation.
- Do not operate base station antennas in equipment 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

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 AT&T Wireless at 800-300-3333 and follow their instructions prior to performing any maintenance or repairs closer than 3 feet from the antennas.

This is AT&T Wireless Site: CNUXXXX

AT&T WIRELESS

NOTES:

1. SIGN SHALL BE A PNEUMATIC 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

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-XXX-XXX-XXXX

SITE IDENTIFICATION NUMBER:

CNUXXXX

LOCATION OF EQUIPMENT:

- ROOFTOP
- OTHER

THIS EQUIPMENT HAS BATTERY BACKUP:

- ROOFTOP
- OTHER

CAUTION SIGN

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-XXX-XXX-XXXX (AT&T SITE NUMBER CNUXXXX)

IN ACCORDANCE WITH FCC RULES 47 CFR 1.1310

AVISO A TRABAJADORES

EXISTEN ANTENAS DE RADIOFRECUENCIA EN ESTE TECHO. POR FAVOR USE PRECAUCION ALEJOSOR DE LAS ANTENAS Y OBEDEZCA A LAS ZONAS RESTRINGIDAS O PARA OBTENER MAS INFORMACION, LLAME AL TELEFONO 1-XXX-XXX-XXXX (NUMERO DE SITIO XXXXXX)

DE ACUERDO A LAS REGLAS DE FCC 47 CFR 1.1310

工作人員注意

此屋宇房頂有射頻天線裝置
在天線範圍四周請諸小心，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-XXX-XXX-XXXX(此站區號SF33x659-E)

依據FCC條例第47 CFR1.1310款執行

WARNING SIGN

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

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.

THE PUBLIC LIMIT OF RF EXPOSURE ALLOWED BY AT&T IS 1mW/cm² AND THE OCCUPATIONAL LIMIT OF RF EXPOSURE ALLOWED BY AT&T'S 5mW/cm²

IF THE BOTTOM OF THE ANTENNA IS MOUNTED (8) EIGHT FEET ABOVE THE GROUND OR ROOF LINE OF THE PERSONAL COMMUNICATION SYSTEM (PCS) AND DOES 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 DRESS) 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. 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 AT&T'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 AT&T 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 AT&T 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 AT&T CONSTRUCTION PROJECT MANAGER WITH A DETAILED SHOP DRAWING OF EACH BARRICADE.

Foresight

Land Surveying & Civil Engineering

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

NSA WIRELESS, INC.

Bishop Ranch 15 1st Floor
12647 Acosta Blvd, Suite 110
San Ramon, CA 94583
Office: 925-244-1890
Fax: 925-355-0672

verizon wireless

2785 MITCHELL DRIVE, BLDG 9
WALNUT CREEK, CA 94598
OFFICE: (925) 679-6000
JAY INDOYE
(925) 279-6391

PSL NO. 123691
SF GRANT/BUSH
538 BUSH ST.
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

PGM

NO. DATE ISSUE

A 3/20/09 FOR REVIEW

O 5/26/09 PER COMMENTS

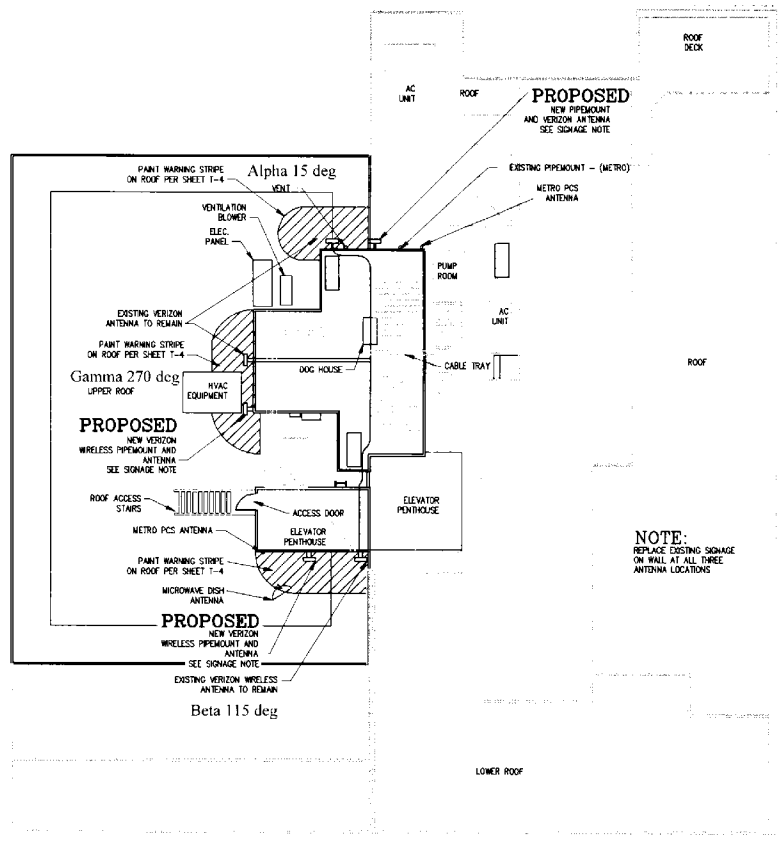
SHEET TITLE

SITE SIGNAGE

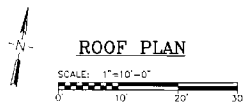
SHEET NUMBER

T-4

FORESIGHT JOB # 500913



BUSH STREET



ROOF PLAN

NOTE: ALL REQUIRED SIGNAGE WILL BE INSTALLED AND FIELD VERIFIED

Foresight

Land Surveying & Civil Engineering

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

NSA WIRELESS, INC.

Bishop Ranch *5 1st Floor
 *2647 Alcosta Blvd, Suite 110
 San Ramon, CA 94583
 Office: 925-244-1890
 Fax: 925-355-0672

verizon wireless

2785 MITCHELL DRIVE, BLDG 9
 WALNUT CREEK, CA. 94598
 OFFICE: (925) 279-6000
 JAY INDUJE
 (925) 279-6391

PSL NO. 123691
 SF GRANT/BUSH
 538 BUSH ST.
 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: LAM CHECKED BY:

NO.	DATE	ISSUE
A	3/09/09	FOR REVIEW
0	5/26/09	PER COMMENTS

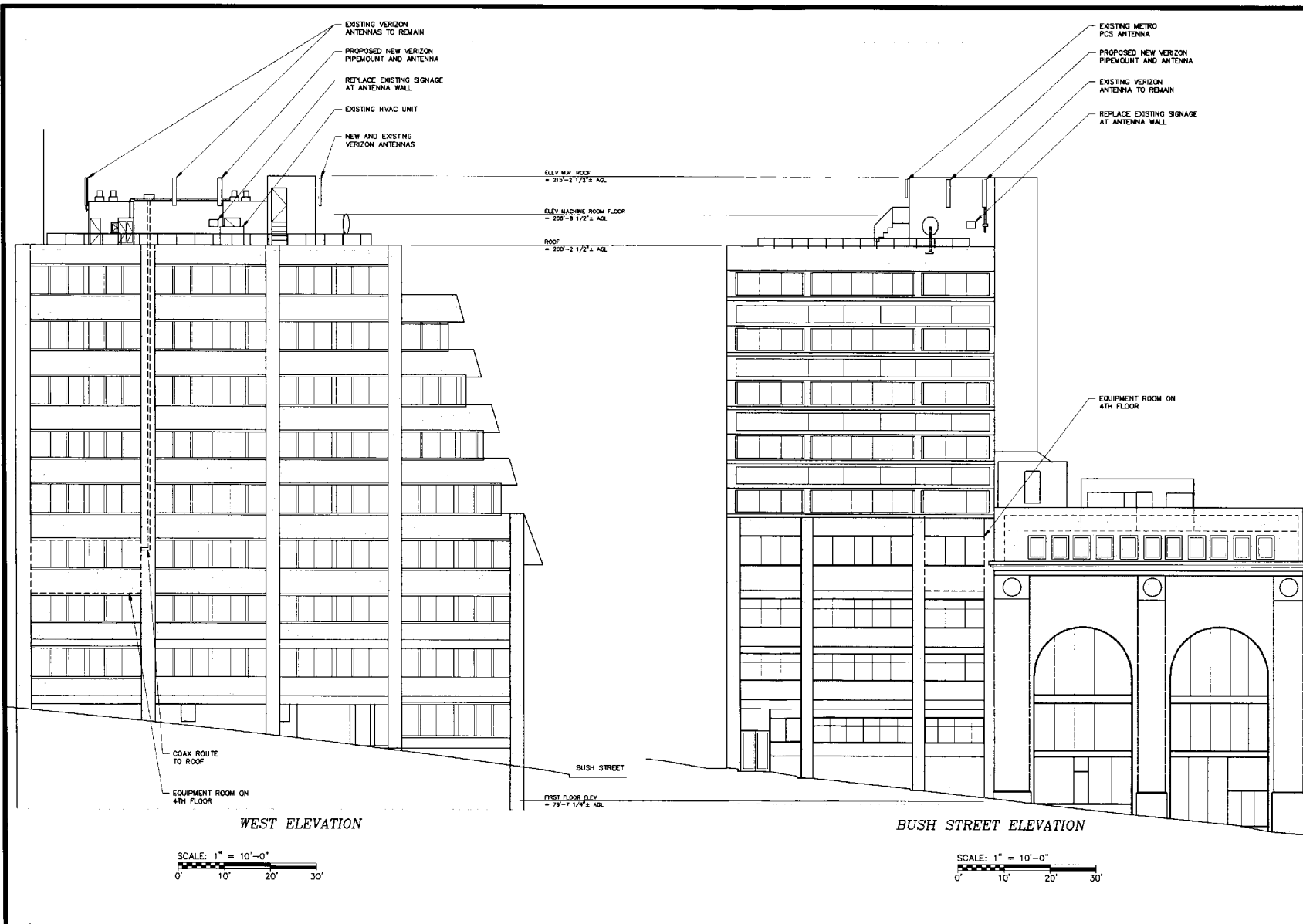
SHEET TITLE

SITE PLAN

SHEET NUMBER

A-1

FORESIGHT JOB # 500913



Foresight

Land Surveying & Civil Engineering

Jim Schuchert
 ph 925-589-8180
 email: foresight@comcast.net

NSA WIRELESS, INC.

31500 Ranch 15 1st Floor
 2847 Alcosta Blvd, Suite 110
 San Ramon, CA 94583
 Office: 925-244-1890
 Fax: 925-355-0672

Verizon wireless

2785 MITCHELL DRIVE, BLDG 9
 WALNUT CREEK, CA 94598
 OFFICE: (925) 279-6000
 JAY INDYKE
 (925) 279-6391

PSL NO. 123691
 SF GRANT/BUSH
 538 BUSH ST.
 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

PAM

NO. DATE ISSUE

A 3/09/09 FOR REVIEW
 0 5/26/09 PER COMMENTS

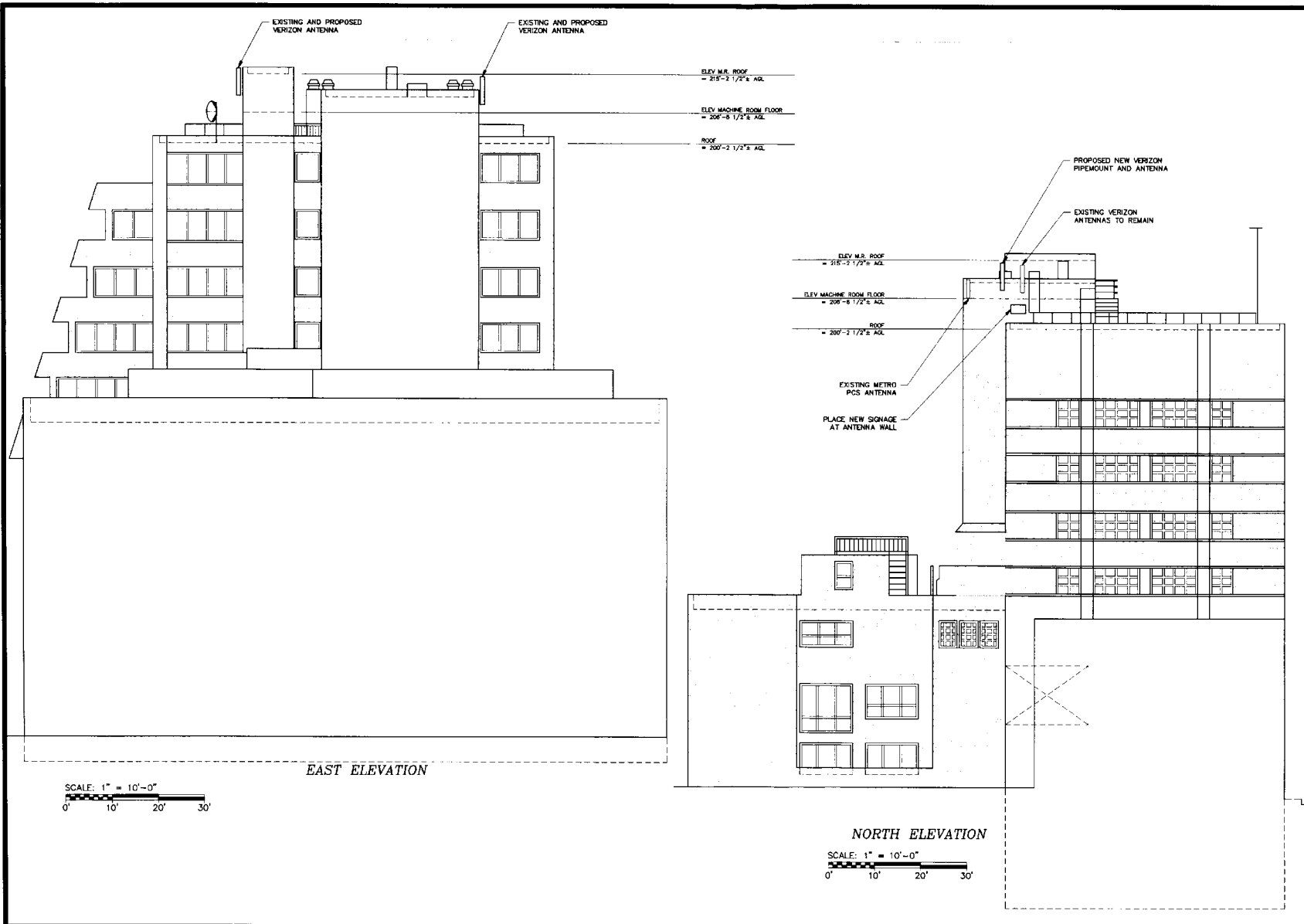
SHEET TITLE

ELEVATIONS

SHEET NUMBER

A-2

FORESIGHT JOB # 500913



Foresight

Land Surveying & Civil Engineering

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

NSA WIRELESS, INC.

Bishop Ranch 15 1st Floor
 12647 Alcosta Blvd Suite 110
 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
 JAY INOUE
 (925) 279-6391

FSL NO. 123691
 SF GRANT/BUSH
 538 BUSH ST.
 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: PAM CHECKED BY: _____

NO.	DATE	ISSUE
A	3/09/09	FOR REVIEW
0	5/26/09	PER COMMENTS

SHEET TITLE

DETAILS

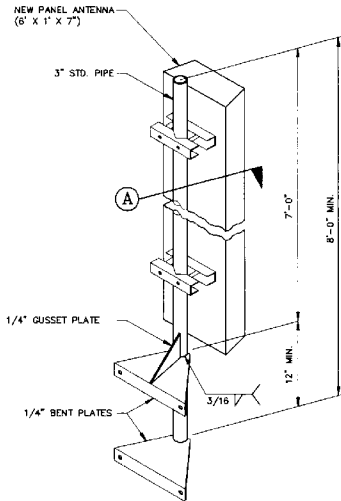
SHEET NUMBER

A-3

FORESIGHT JOB # 500913

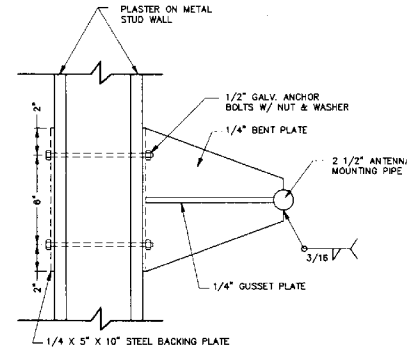
DESIGN CONFORMS TO THE CALIFORNIA BUILDING CODE, 2007 EDITION.

1. 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 DEMONSTRATION, 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 MMH DESIGN GROUP.
2. 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.
3. 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 OF THE WORK AS A PART OF THE AS-BUILT DRAWINGS RECORDS.
4. 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.
5. 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.
6. 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 ADDITIVES 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.
7. THE REFERENCES OF THE DRAWINGS ARE FOR CONVENIENCE ONLY AND SHALL NOT LIMIT THE APPLICATION OF THE DRAWINGS OR DETAILS.
8. ALL CONSTRUCTION THROUGHOUT THE PROJECT SHALL CONFORM TO TITLE 24 OF THE CALIFORNIA CODE OF REGULATIONS, EXCEPT WHERE EXEMPTED.
9. 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.
10. 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.
11. THE PROJECT WHEN COMPLETED SHALL COMPLY WITH LOCAL SECURITY CODES AND TITLE 24 ENERGY CONSERVATION REQUIREMENTS. (TITLE 24 WHEN APPLICABLE)
12. CONTRACTOR TO REPLACE AND/OR REROUTE ANY EXISTING UNDERGROUND UTILITIES ENCOUNTERED DURING TRENCHING AND GENERAL CONSTRUCTION.
13. 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 ON THE PLANS PRIOR TO START OF ANY CONSTRUCTION.
14. 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.
15. 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.
16. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR AND SHALL REMEDY ALL FAULTY, INTERIOR, AND/OR IMPROPER MATERIALS, DAMAGED CODES, 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.
17. 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.
18. FIRE EXTINGUISHER REQUIREMENTS SHALL BE VERIFIED WITH THE LOCAL FIRE MARSHALL.
19. CONTRACTOR TO LOCATE ALL UTILITIES PRIOR TO PLACEMENT OF NEW IMPROVEMENTS.
20. IF NECESSARY THE CONTRACTOR TO PROVIDE BENCH 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.).
21. 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.
22. IF NECESSARY THE CONTRACTOR TO PATCH AND REPAIR ALL OPENING SURFACES WITHIN THE CONSTRUCTION AREA AS NECESSARY TO PROVIDE A UNIFORM SURFACE AND MAINTAIN EXISTING SURFACE DRAINAGE SLOPES.



NEW ANTENNA MOUNT

NOT TO SCALE



SECTION "A"

NOT TO SCALE

Foresight

Land Surveying & Civil Engineering

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

NSA WIRELESS, INC.
Bishop Ranch 15 1st Floor
12647 Alcosta Blvd, Suite 110
San Ramon, CA 94583
Office: 925-244-1890
Fax: 925-355-0672

Verizon Wireless

2785 MITCHELL DRIVE, BLDG 9
WALNUT CREEK, CA. 94598
OFFICE: (925) 279-6000
JAY MOULTE
(925) 279-6391

PSL NO. 123691
SF GRANT/BUSH
538 BUSH ST.
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 _____

PGM

NO.	DATE	ISSUE
A	3/20/09	FOR REVIEW
D	5/26/09	PER COMMENTS

SHEET TITLE

**DETAILS
& NOTES**

SHEET NUMBER

A-4

FORESIGHT JOB # 500913

Existing Coverage Map for 530 Bush Street

The proposed antenna add will not increase coverage at this site but will increase the data speed and number of calls it can handle at a time.

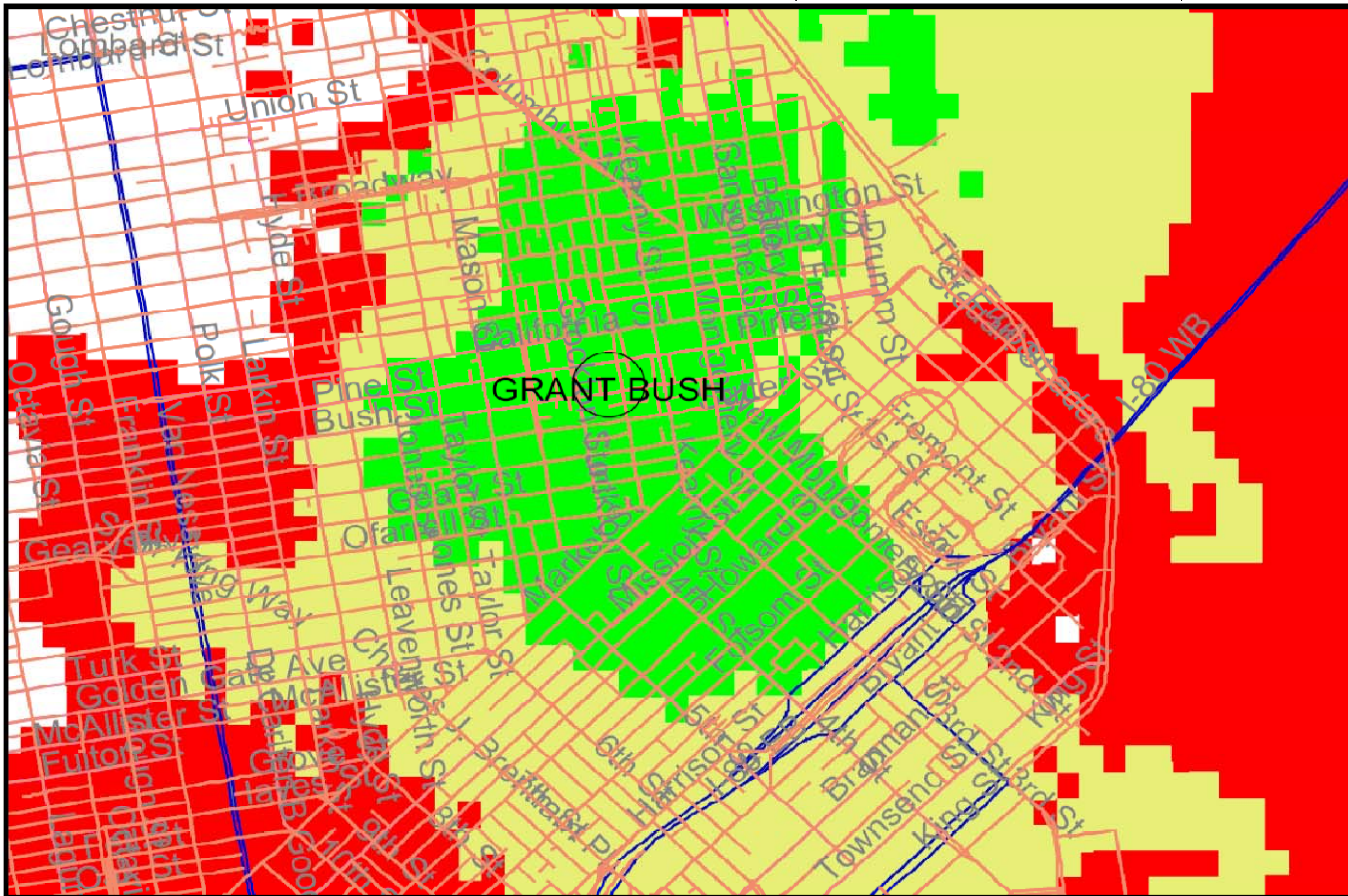
Green = Good

Yellow = Fair

Red = Poor

White = None or Very Poor

530 Bush Street, San Francisco 2009



Existing Coverage Map for 530 Bush Street

The proposed antenna add will not increase coverage at this site but will increase the data speed and number of calls it can handle at a time.

Proposed Coverage Map for 530 Bush Street

The proposed antenna add will not increase coverage at this site but will increase the data speed and number of calls it can handle at a time.

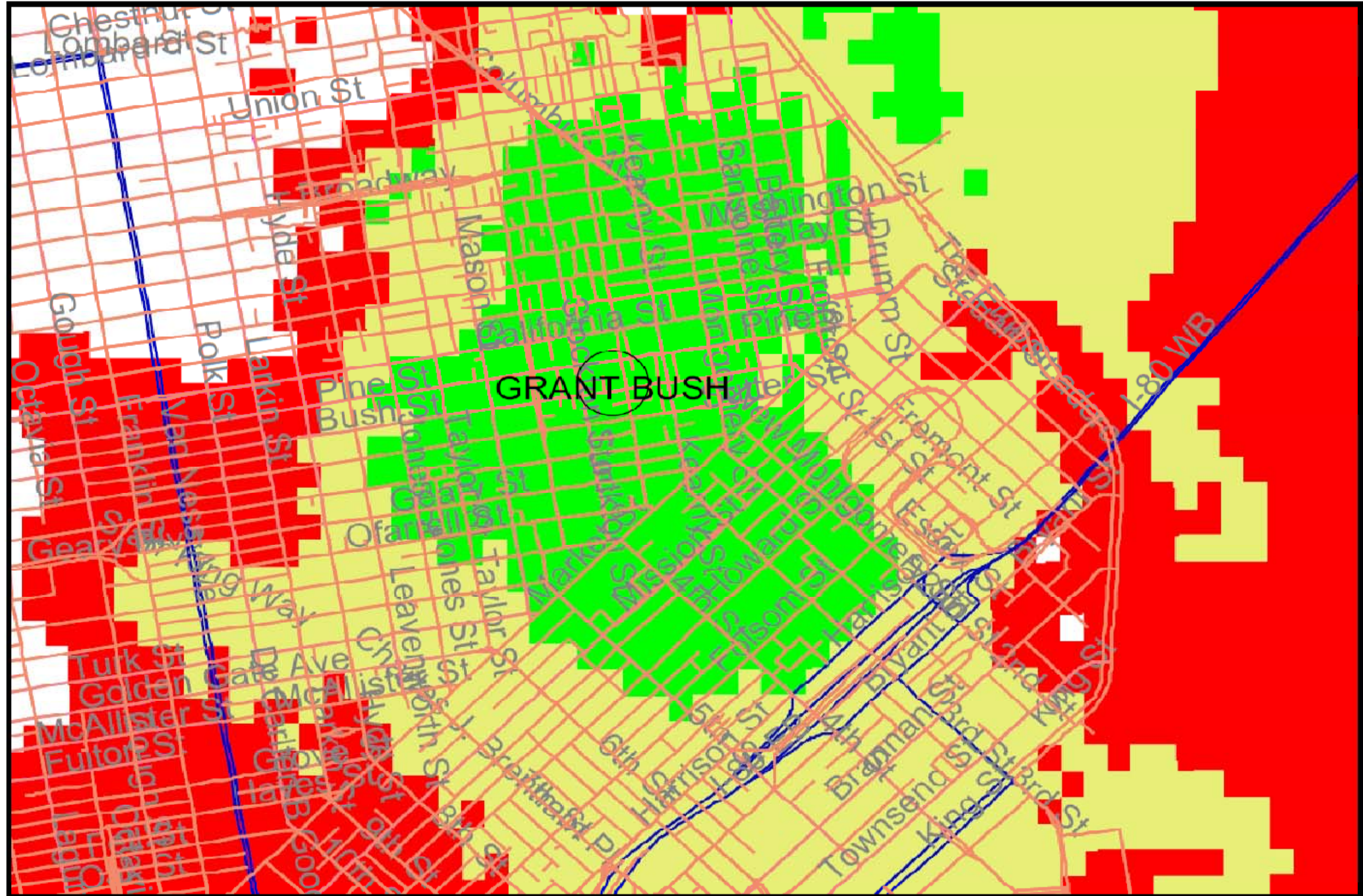
Green = Good

Yellow = Fair

Red = Poor

White = None or Very Poor

530 Bush Street, San Francisco 2009



Proposed Coverage Map for 530 Bush Street

The proposed antenna add will not increase coverage at this site but will increase the data speed and number of calls it can handle at a time.



Review of Cellular Antenna Site Proposals

Project Sponsor: Verizon Wireless **Planner:** Jonas Ionin

RF Engineer Consultant: Bill Hammett, Hammett & Edison **Phone number** 707-996-5200

Project Address/Location: 530 Bush Street (#123691)

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)

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)

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)

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)

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).

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 $\mu\text{w}/\text{cm}^2$)

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.

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 existing three (3) antennas operated by Verizon installed on the penthouse of the building located at 530 Bush Street. Also located at this site are antennas operated by MetroPCS. Existing RF levels at ground level were less than 1% of the FCC public exposure limit. There were observed no other antennas within 100 feet of this site. Verizon proposes to replace its existing antennas with six Andrew Model LNX6512DS-T4M and DBXLH-6565B-VTM antennas. The antennas would be mounted at effective height of about 127 feet above the ground. The estimated ambient RF field from the proposed Verizon transmitters at ground level is calculated to be 0.0011 mW/sq. cm., which is .20% of the FCC public exposure limit. The three dimensional perimeter of RF levels equal to the public exposure limit is calculated to extend 38 feet and does not reach any publicly accessible areas. Warning signs must be posted at the roof access door, barricades and antennas in English, Spanish and Chinese. Worker should not have access within 8 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

 \$167.00 Charges to Project Sponsor (in addition to previous charges, to be received at time of receipt by Sponsor)

Signed Patrick Fosdahl Digitally signed by Patrick Fosdahl
DN: cn=Patrick Fosdahl, o=SFDPH,
ou=Environmental Health, email=patrick.
fosdahl@sfdph.org, c=US
Date: 2009.05.20 12:16:41 -0700 Date May 20, 2009

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

**Verizon Wireless • Base Station No. 123691 “Grant–Bush”
530 Bush Street • San Francisco, California**

Statement of Hammett & Edison, Inc., Consulting Engineers

The firm of Hammett & Edison, Inc., Consulting Engineers, has been retained on behalf of Verizon Wireless, a wireless telecommunications carrier, to evaluate proposed modifications to its existing base station (Site No. 123691 “Grant–Bush”) located at 530 Bush Street with respect to prevailing standards limiting human exposure to radio frequency energy.

Background

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

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

The site was visited by Mr. David Kelly, a qualified field technician contracted by Hammett & Edison, Inc., during normal business hours on April 24, 2009, and reference has been made to additional information provided by Verizon regarding the addition of LTE service.

Checklist

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

Verizon had installed three directional antennas, mounted on the face of the penthouse of the 10-story building located at 530 Bush Street. Access to the antennas was restricted by their mounting locations. There were observed similar antennas mounted on the same building for use by MetroPCS, another wireless telecommunications carrier. Existing RF levels at ground near the site measured less than 1% of the most restrictive public exposure limit.

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

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

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

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



Verizon Wireless • Base Station No. 123691 "Grant-Bush"
530 Bush Street • San Francisco, California

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

Verizon proposes to replace its existing antennas with six Andrew directional panel antennas – three Model DBXLH-6565B-VTM for PCS and cellular service and three Model LNX6512DS-T4M for LTE service – at the same locations, mounted with up to 6° downtilt at an effective height of about 127 feet above ground, 12 feet above the roof, and oriented in pairs toward 15°T, 155°T, and 270°T.

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

The maximum rating of the cellular and PCS transmitters is 20 watts, with the proposed LTE transmitters rated at 16 watts. The power rating of the transmitters for MetroPCS is not known. The actual operating power of the transmitters will depend upon the system losses encountered after the physical cabling runs have been installed; the transmitters may operate at a power less than their maximum rating, such that the total power radiated from the antennas does not exceed the level given in Item 6 below.

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

The maximum effective radiated power in any direction for Verizon would be 2,560 watts, representing simultaneous operation at 960 watts for PCS, 1,200 watts for cellular, and 400 watts for LTE service. The maximum number of watts for the MetroPCS operation is not known.

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

The antennas would be mounted as described in Item 4 above. There were noted buildings of similar height nearby, across the street.

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

For a person anywhere at ground near the site, the maximum ambient RF level from the proposed Verizon operation is calculated to be 0.0011 mW/cm², which is 0.20% of the applicable public exposure limit. Therefore, ambient levels at ground are estimated to remain less than 1% of the public limit. The maximum calculated on the roof was 63% of the public limit. The three-dimensional perimeter of RF levels equal to the public exposure limit is calculated to extend 38 feet in front of the Verizon antennas; this does not reach any publicly accessible areas.

**Verizon Wireless • Base Station No. 123691 "Grant-Bush"
530 Bush Street • San Francisco, California**

9. Describe proposed signage at site.

Due to their mounting location, the Verizon antennas would not be accessible to the general public, and so no mitigation measures are necessary to comply with the FCC public exposure guidelines. To prevent occupational exposures in excess of the FCC guidelines, no access within 8 feet directly in front of the antennas themselves, such as might occur during maintenance work on the building, should be allowed while the base station is in operation, unless other measures can be demonstrated to ensure that occupational protection requirements are met. Explanatory warning signs* had been posted near the antennas, readily visible from any angle of approach to persons who might need to work within that distance.

10. Statement of authorship.


The undersigned author of this statement is a qualified Professional Engineer, holding California Registrations Nos. E-13026 and M-20676, which expire on June 30, 2009. This work has been carried out under his direction, and all statements are true and correct of his own knowledge except, where noted, when data has been supplied by others, which data he believes to be correct.

Conclusion

Based on the information and analysis above, it is my professional opinion that the Verizon Wireless base station operation located at 530 Bush Street in San Francisco will continue to comply with the prevailing standards for limiting public exposure to radio frequency energy and, therefore, will not for this reason cause a significant impact on the environment.

May 18, 2009




William F. Hammett, P.E.

* Warning signs complied with OET-65 color and symbol recommendations. Contact information was provided in English to arrange for access to restricted areas, with Spanish and Chinese translations (not by this firm) included.



NOTICE OF NEIGHBORHOOD MEETING
TO: Neighbors/Owners within 500' radius of 530 Bush Street

Meeting Information: Verizon Wireless is proposing to add new antennas to their existing cell site at 530 Bush 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 removing/replacing two (2) 8' panel antennas with four (4) 4' panel antennas painted/stealthed to match the exterior building façade and removing/replacing two 4' panel antennas with two new 4' panel antennas.

Date: 10/27/2009
Time: 7:30 PM
Place: Old St Mary's Cathedral

Site Information: 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 Old Saint Mary's Cathedral located at 660 California Street, San Francisco, CA on October 27, 2009 at 7:30 PM to learn more about the project.

Address: 530 Bush Street
Block/Lot: 0271-027
Zoning: C3G

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 Margie Detiege 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.

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

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 530 Bush 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 eliminación y remplazo de dos (2) 8' antenas panel con cuatro (4) 4' antenas panel y tambien la eliminación y remplazo de dos (2) 4' antenas panel con dos (2) 4' antenas panel nueva todas pintadas del mismo color del exterior de la fachada del edificio. 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 Old St Mary's Cathedral, ubicada en 660 California Street el dia 27 de Octubre a las 7:30 de la noche, a fin de obtener más información sobre el proyecto.

Fecha: 10/27/2009
Hora: 7:30 de la noche
Lugar: Old St Mary's Cathedral

Información Sobre el Sitio: Dirección: 530 Bush Street
Bloque/Lote: 0271-027
Zona: C3G

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 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: 2009年10月27日
時間: 下午7:30 PM
地點: Old St Mary's Cathedral
660 California Street

設施地點資料

地址: 530 Bush Street
街段/地段: 0271-027
副區: C3G

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530 Bush St., San Francisco 現有的網路系統上以取代舊的網路系統, 建議將目前現有無人使用的設備移除裝上新的設施,也就是用4個四吋的有顏色的天線板來取代原有的2個八吋的天線板,如此一來,新的天現將與您大樓外觀顏色相似,另外,我們也將用兩條新的四吋天線來取代原有舊的四吋天線,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10/27/2009下午六時,我們將有一場說明會,地點在: -----
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 Margie Detiege
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