



SAN FRANCISCO PLANNING DEPARTMENT

Executive Summary

Conditional Use

HEARING DATE: JUNE 21, 2012

Date: June 14, 2012
Case No.: **2011.0419 C**
Project Address: **2543 Noriega Street**
Current Zoning: NC-2 (Neighborhood Commercial, Small-scale) Zoning District
40-X Height and Bulk District
Block/Lot: 2069/010
Project Sponsor: Tony Kim, Town Consulting for AT&T
100 Clement Street, 3rd Floor
San Francisco, CA 94118
Staff Contact: Adrian C. Putra – (415) 575-9079
adrian.putra@sfgov.org
Recommendation: **Approval with Conditions**

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PROJECT DESCRIPTION

The project is to establish a new Wireless Telecommunication Services (WTS) facility for operation by AT&T Mobility. The proposed WTS facility will consist of 11 panel antennas mounted on the roof of the subject two-story commercial building. Portions of the existing building's parapet will be replaced in-kind with frequency transparent material. Eight of the panel antennas will be "stealthed" behind the building's parapet and three of the panel antennas will be "stealthed" within faux-vents placed on the roof of the building. The 11 panel antennas each measure approximately 51.5" high, 12" wide, and 6" deep. The facility's associated equipment cabinets will be within an equipment room located at the ground floor of the building.

SITE DESCRIPTION AND PRESENT USE

The project site is located at the southeast corner of Noriega Street and 33rd Avenue and is developed with a two-story commercial building that was constructed circa 1940. The subject building has a maximum height of approximately 32 feet to the top of an existing parapet, and contains an existing WTS facility operated by Sprint-PCS consisting of panel antennas mounted on the roof of the building and concealed behind an existing parapet. Commercial businesses on the ground floor of the subject building include a grocery store, a personal service use, a medical service use, and a restaurant.

SURROUNDING PROPERTIES AND NEIGHBORHOOD

The project site is located within an NC-2 (Neighborhood Commercial, Small-scale) District that runs along Noriega Street between 30th and 33rd Avenues. This NC-2 zoned stretch of Noriega Street is mostly

REQUIRED COMMISSION ACTION

In order for the project to proceed, the Commission may grant the Conditional Use authorization pursuant to Planning Code Sections 711.83 and 303 to allow the installation of a wireless telecommunication services facility within an NC-2 (Neighborhood Commercial, Small-scale) District.

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 meets the criteria established under the 1996 Wireless Telecommunications Services Facilities Siting Guidelines, and it is consistent with the objectives and policies of the Commerce and Industry Element, the Community Safety Element, the Residence Element, and the Urban Design Element of the General Plan.
- The proposed antennas are adequately “stealths” by either being located behind a parapet or within a faux-vent. The related equipment cabinets will be located in an equipment room within the commercial building.
- The project site is a Location Preference Number 2 Site (Preferred Location – Co-location Site), as the site contains an existing WTS facility owned and operated by Sprint-PCS.
- Health and safety aspects of all wireless projects are reviewed under the Department of Public Health and the Department of Building Inspections. The Department of Public Health has stated that the proposal emits 13% of the public exposure limit, well within the FCC standards.
- The project is desirable as it will improve the AT&T Mobility’s wireless mobile telephone network coverage and signal strength in the immediate area. According to the project sponsor, the proposed facility will improve wireless service for AT&T wireless customers in the area roughly bordered by Moraga Street, Pacheco Street, 37th Avenue, and 28th Avenue.
- AT&T Mobility submitted its latest five-year plan, as required in April, 2012.

RECOMMENDATION: Approval with Conditions



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

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Planning Commission Motion

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ADOPTING FINDINGS RELATING TO THE APPROVAL OF A CONDITIONAL USE AUTHORIZATION UNDER PLANNING CODE SECTIONS 711.83 AND 303 TO ESTABLISH A WIRELESS TELECOMMUNICATION SERVICES (WTS) FACILITY OPERATED BY AT&T MOBILITY. THE FACILITY WOULD CONSIST OF 11 ROOF MOUNTED PANEL ANTENNAS AND ASSOCIATED EQUIPMENT CABINETS LOCATED WITHIN A TWO-STORY COMMERCIAL BUILDING. THE FACILITY IS PROPOSED ON A LOCATION PREFERENCE TWO SITE (PREFERRED LOCATION – CO-LOCATION SITE) WITHIN AN NC-2 (NEIGHBORHOOD COMMERCIAL, SMALL-SCALE) DISTRICT AND A 40-X HEIGHT AND BULK DISTRICT.

PREAMBLE

On April 28, 2011, Tony Kim, Town Consulting on the behalf of AT&T Mobility (hereinafter "project sponsor"), made an application (hereinafter "application"), for Conditional Use authorization on the property at **2543 Noriega Street, Lot 010 in Assessor's Block 2069**, (hereinafter "project site") to establish a wireless telecommunication services (WTS) facility operated by AT&T Mobility. The facility would consist of 11 roof mounted panel antennas and associated equipment cabinets located within a two-story commercial building. The facility is proposed on a Location Preference Two Site (Preferred Location – Co-location Site) within an NC-2 (Neighborhood Commercial, Small-scale) District, and a 40-X Height and Bulk District, in general conformity with plans filed with the Application and labeled "EXHIBIT B" (hereinafter "Project").

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

On June 21, 2012, 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. 2011.0419C, 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 site is located within an NC-2 (Neighborhood Commercial, Small-scale) District that runs along Noriega Street between 30th and 33rd Avenues. This NC-2 zoned stretch of Noriega Street is mostly developed with commercial buildings but also contains a couple of multi-level mixed-use buildings. Immediately adjacent to the project site is a one-story commercial building to the east, and a two-story, single-family dwelling to the south. Opposite to the project site at the northeast corner of Noriega and 33rd Avenue is three-story mixed-use building with residential above ground floor commercial. Properties immediately surrounding this NC-2 District are located within the R Districts and developed with residences.
3. **Surrounding Properties and Neighborhood.** The project site is located within an NC-2 (Neighborhood Commercial, Small-scale) District that runs along Noriega Street between 30th and 33rd Avenues. This NC-2 zoned stretch of Noriega Street is mostly developed with commercial buildings but also contains a couple of multi-level mixed-use buildings. Immediately adjacent to the project site is a one-story commercial building to the east, and a two-story, single-family dwelling to the south. Opposite to the project site at the northeast corner of Noriega and 33rd Avenue is three-story mixed-use building with residential above ground floor commercial. Properties immediately surrounding this NC-2 District are located within the R Districts and developed with residences.

4. **Project Description.** The project is to establish a new Wireless Telecommunication Services (WTS) facility for operation by AT&T Mobility. The proposed WTS facility will consist of 11 panel antennas mounted on the roof of the subject two-story commercial building. Portions of the existing building's parapet will be replaced in-kind with frequency transparent material. Eight of the panel antennas will be "stealthed" behind the building's parapet and three of the panel antennas will be "stealthed" within faux-vents placed on the roof of the building. The 11 panel antennas each measure approximately 51.5" high, 12" wide, and 6" deep. The facility's associated equipment cabinets will be within an equipment room located at the ground floor of the building.
5. **Past History and Actions.** The Planning Commission established guidelines for the installation of wireless telecommunications facilities in 1996 ("Guidelines"). These Guidelines set forth the land use policies and practices that guide the installation and approval of wireless facilities throughout San Francisco. A large portion of the Guidelines are dedicated to establishing location preferences for these installations. The Board of Supervisors, in Resolution No. 635-96, provided input as to where wireless facilities should be located within San Francisco. The Guidelines were updated by the Commission in 2003, requiring community outreach, notification, and detailed information about the facilities to be installed.¹

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

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

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

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

¹ PC Resolution 16539, passed March 13, 2003.

On July 1, 2000, the Commission conducted a duly noticed public hearing at a regularly scheduled meeting on the application for a Conditional Use authorization pursuant to Planning Code Sections 711.83 and 303 to allow the installation of 3 panel antennas at the roof and five equipment cabinets at the ground floor of an existing commercial building, as part of a wireless communications network operated by Sprint-PCS within a NC-2 (Small-Scale Neighborhood Commercial) Zoning District and a 40-X Height and Bulk District.

On June 21, 2012, the Commission conducted a duly noticed public hearing at a regularly scheduled meeting on the application for a Conditional Use authorization pursuant to Planning Code Sections 711.83 and 303 to establish a wireless telecommunication services (WTS) facility operated by AT&T Mobility. The facility would consist of 11 roof mounted panel antennas and associated equipment cabinets located within a two-story commercial building. The facility is proposed on a Location Preference Two Site (Preferred Location – Co-location Site) within an NC-2 (Neighborhood Commercial, Small-scale) District, and a 40-X Height and Bulk District.

6. **Location Preference.** The *WTS Facilities Siting Guidelines* identify different types of buildings for the siting of wireless telecommunications facilities. Under the *Guidelines*, the project site is a Location Preference Number 2 (Preferred Location – Co-location Site), as the site contains an existing WTS facility owned and operated by Sprint.
7. **Radio Waves Range.** The Project Sponsor has stated that the proposed wireless network will transmit calls by radio waves operating in the 700 - 2100 Megahertz (MHZ) bands, which is regulated by the Federal Communications Commission (FCC) and which must comply with the FCC-adopted health and safety standards for electromagnetic radiation and radio frequency radiation.
8. **Radiofrequency (RF) Emissions:** The project sponsor retained Hammett & Edison, Inc., a radio engineering consulting firm, to prepare a report describing the expected RF emissions from the proposed facility. Pursuant to the *Guidelines*, the Department of Public Health reviewed the report and determined that the proposed facility complies with the standards set forth in the *Guidelines*.
9. **Department of Public Health Review and Approval.** The proposed project was referred to the Department of Public Health (DPH) for emissions exposure analysis. The existing RF levels at ground level were around 1% of the FCC public exposure limit. There were observed similar antennas operated by Sprint (3) but no other antennas within 100 feet of this site. The estimated ambient RF field from the proposed AT&T wireless transmitters at ground level is calculated to be 0.093 mW/sq. cm., which is 13% of the FCC public exposure limit. The three-dimensional perimeter of RF levels equal to the public exposure limit extends 53 feet which includes areas of the roof. Warning signs must be posted at the antennas and roof access points in English, Spanish, and Chinese. Workers should not have access within 17 feet of the front of the antennas while they are in operation. Prohibited Access areas should be painted with red striping on the rooftop and Worker Notification Areas should be designed with yellow striping on the roof. Ensure that the radio frequency levels on the rooftops located directly to the east and west are below the worker notification threshold as established by the FCC.

10. **Maintenance Schedule.** According to the Project Sponsor, the proposed facility would operate as an unmanned facility. After construction AT&T Mobility maintenance personnel will access the site approximately once a month for maintenance.
11. **Community Outreach.** A Community Outreach Meeting was conducted for the proposed project. The meeting was held at 7:00 PM on Tuesday, June 14, 2011, at the Holy Name of Jesus Church Lower Church Hall at 1555 39th Avenue, San Francisco, CA 94122. The Project Sponsor stated that he conducted the meeting on behalf of AT&T Mobility along with, Tedi Vriheas of AT&T's External Affairs and Taylor Jordan of Berg Davis Public Affairs. Lynn Bruno with Hammett and Edison also attended the meeting to answer any questions regarding the EMF emissions from the proposed wireless facility. The Project Sponsor added that 14 members of the community attended the meeting with individuals stating opposition and support to the proposed facility. To date the Department has also received four correspondences from neighbors opposed to the project.
12. **Five-year plan:** AT&T Mobility submitted its latest five-year plan, as required, in April 2012.
13. **Public Comment.** The Department has received a petition of support for the project that includes the names of 11 businesses within the neighborhood.
14. **Planning Code Compliance.** The Commission finds that the Project is consistent with the relevant provisions of the amendments to Planning Code in the following manner:
 - A. **Use.** A WTS facility is considered a public use as defined under Planning Code Section 790.80, which requires Conditional Use authorization within the NC-2 District.
 - B. **Height.** Per Planning Code Section 260(b)(2)(I), radio antennae for transmission, reception, or relay of radio, television or other electronic signals, where permitted as principal or conditional uses are exempt from height limits.
15. **Planning Code Section 303** establishes criteria for the Planning Commission to consider when reviewing applications for Conditional Use approval. On balance, the project does comply with said criteria in that:
 - A. The proposed new uses and building, at the size and intensity contemplated and at the proposed location, will provide a development that is necessary or desirable, and compatible with, the neighborhood or the community.
 - i *Desirable: San Francisco is a leader of the technological economy; it is important and desirable to the vitality of the city to have and maintain adequate telecommunications coverage and data capacity. This includes the installation and upgrading of systems to keep up with changing technology and increases in usage. It is desirable for the City to allow wireless facilities to be installed.*

The project will be generally desirable and compatible with the surrounding neighborhood because the project will not conflict with the existing use of the property and will be of such size and nature to be compatible with the surrounding nature of the vicinity. The approval of this authorization has been found, first and foremost, to insure public safety, and insure that the placement of antennas and related support and protection features are so located, designed, and treated architecturally to minimize their visibility from public places, to avoid intrusion into public vistas, avoid disruption of the architectural design integrity of building and insure harmony with neighborhood character. The proposed project will also provide necessary facilities for emergency transmission and improved communication for the neighborhood, community and the region. The Project has been designed to have the proposed panel antennas and related equipment hidden from view and compatible with existing development in the neighborhood.

- ii *Necessary: In the case of wireless installations, there are 2 criteria that the Commission reviews: coverage and capacity.*

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

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

The project at 2543 Noriega Street is necessary in order to achieve sufficient street and in-building mobile phone coverage. According to the project sponsor, the proposed facility will improve wireless service for AT&T wireless customers in the area roughly bordered by Moraga Street, Pacheco Street, 37th Avenue, and 28th Avenue.

- 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 The nature of proposed site, including its size and shape, and the proposed size, shape and arrangement of structures;

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

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

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

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

No significant increase in traffic volume is anticipated with the establishment of the proposed WTS facility. According to the Project Sponsor AT&T Mobility representatives will only visit the site about once a month for maintenance work.

- 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 installation of the antennas and transceiver equipment, once the proposed antennas are installed, impacts with regards to the above will likely be insignificant.

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

The project will not impact existing landscaping or open space. The proposed antennas would be located on the roof a building behind a frequency transparent parapet or faux-vent. As a result, the antennas would at most be minimally visible from view at the pedestrian level.

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

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

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

HOUSING ELEMENT

BALANCE HOUSING CONSTRUCTION AND COMMUNITY INFRASTRUCTURE

OBJECTIVE 12:

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

POLICY 12.2:

Consider the proximity of quality of life elements, such as open space, childcare, and neighborhood services, when developing new housing units.

POLICY 12.3:

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

The project would improve AT&T Mobility's coverage in residential and commercial areas along primary transportation routes in San Francisco.

URBAN DESIGN

HUMAN NEEDS

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

POLICY 4.14 - Remove and obscure distracting and cluttering elements.

The proposed antennas are adequately "stealths" by either being locating behind a parapet or within a faux-vent. The related equipment cabinets will be located in an equipment room within the commercial building.

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.

VISITOR TRADE

OBJECTIVE 8:

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

Policy 8.3:

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

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

COMMUNITY SAFETY ELEMENT

Objectives and Policies

OBJECTIVE 3:

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

Policy 1 - Maintain a local agency for the provision of emergency services to meet the needs of San Francisco.

Policy 2 - Develop and maintain viable, up-to-date in-house emergency operations plans, with necessary equipment, for operational capability of all emergency service agencies and departments.

Policy 3:

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

Policy 4:

Establish and maintain an adequate Emergency Operations Center.

Policy 5:

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

Policy 6:

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

In the event that traditional land line telephones are rendered inoperable during a natural disaster 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 improving wireless 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.

The project will not adversely impact public transit or place a burden on the existing supply of parking in the neighborhood. The proposed WTS facility will only require access by company representatives about twice a month.

- 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.

No landmarks or historic buildings would be affected by the project. The project does not propose any façade alterations to the existing building.

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

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

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

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

DECISION

The Commission, after carefully balancing the competing public and private interests, and based upon the Recitals and Findings set forth above, in accordance with the standards specified in the Code, hereby approves the Conditional Use authorization under Planning Code Sections 711.83 and 303 to establish a wireless telecommunication services facility operated by AT&T Mobility. The facility would consist of 11 roof mounted panel antennas and associated equipment cabinets located within a two-story commercial building. The facility is proposed on a Location Preference Two Site (Preferred Location – Co-location Site) according to the Wireless Telecommunications Services (WTS) Siting Guidelines, within an NC-2 (Neighborhood Commercial, Small-scale) District, and a 40-X Height and Bulk District and subject to the conditions of approval attached hereto as **Exhibit A**.

APPEAL AND EFFECTIVE DATE OF MOTION: Any aggrieved person may appeal this conditional use authorization to the Board of Supervisors within thirty (30) days after the date of this Motion No. 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 **June 21, 2012**.

Linda Avery
Commission Secretary

AYES:

NAYES:

ABSENT:

ADOPTED: June 21, 2012

EXHIBIT A

AUTHORIZATION

This authorization is for a Conditional Use Authorization under Planning Code Sections 711.83 and 303 to establish a wireless telecommunication services facility operated by AT&T Mobility. The facility would consist of 11 roof mounted panel antennas and associated equipment cabinets located within a two-story commercial building. The facility is proposed on a Location Preference Two Site (Preferred Location – Co-location Site) according to the Wireless Telecommunications Services (WTS) Siting Guidelines, within an NC-2 (Neighborhood Commercial, Small-scale) District, and a 40-X Height and Bulk District.

RECORDATION OF CONDITIONS OF APPROVAL

Prior to the issuance of the building permit or commencement of use for the Project the Zoning Administrator shall approve and order the recordation of a Notice in the Official Records of the Recorder of the City and County of San Francisco for the subject property. This Notice shall state that the project is subject to the conditions of approval contained herein and reviewed and approved by the Planning Commission on **June 21, 2012** under Motion No. XXXXX.

PRINTING OF CONDITIONS OF APPROVAL ON PLANS

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

SEVERABILITY

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

CHANGES AND MODIFICATIONS

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

Conditions of Approval, Compliance, Monitoring, and Reporting

PERFORMANCE

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

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

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

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

3. **Coverage and Capacity Verification.** Use is authorized as long as an independent evaluator, selected by the Planning Department, determines that the information and conclusions submitted by the wireless service provider in support of its request for conditional use are accurate. The wireless service provider shall fully cooperate with the evaluator and shall provide any and all data requested by the evaluator to allow the evaluator to verify that the maps, data, and conclusions about service coverage and capacity submitted are accurate. The wireless service provider shall bear all costs of said evaluation. The independent evaluator, upon request by the wireless service provider shall keep the submitted data confidential and shall sign a confidentiality agreement acceptable to the wireless service provider. The independent evaluator shall be a professional engineer licensed by the State of California.

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

DESIGN – COMPLIANCE AT PLAN STAGE

3. **Plan Drawings - WTS.** Prior to the issuance of any building or electrical permits for the installation of the facilities, the Project Sponsor shall submit final scaled drawings for review and approval by the Planning Department ("Plan Drawings"). The Plan Drawings shall describe:

- a. Structure and Siting. Identify all facility related support and protection measures to be installed. This includes, but is not limited to, the location(s) and method(s) of placement, support, protection, screening, paint and/or other treatments of the antennas and other appurtenances to insure public safety, insure compatibility with urban design, architectural and historic preservation principles, and harmony with neighborhood character.
 - b. For the Project Site, regardless of the ownership of the existing facilities. Identify the location of all existing antennas and facilities; and identify the location of all approved (but not installed) antennas and facilities.
 - c. Emissions. Provide a report, subject to approval of the Zoning Administrator, that operation of the facilities in addition to ambient RF emission levels will not exceed adopted FCC standards with regard to human exposure in uncontrolled areas.
For information about compliance, contact the Case Planner, Planning Department at 415-558-6613, www.sf-planning.org.
4. **Screening - WTS.** To the extent necessary to ensure compliance with adopted FCC regulations regarding human exposure to RF emissions, and upon the recommendation of the Zoning Administrator, the Project Sponsor shall:
- a. Modify the placement of the facilities;
 - b. Install fencing, barriers or other appropriate structures or devices to restrict access to the facilities;
 - c. Install multi-lingual signage, including the RF radiation hazard warning symbol identified in ANSI C95.2 1982, to notify persons that the facility could cause exposure to RF emissions;
 - d. Implement any other practice reasonably necessary to ensure that the facility is operated in compliance with adopted FCC RF emission standards.
 - e. To the extent necessary to minimize visual obtrusion and clutter, installations shall conform to the following standards:
 - f. Antennas and back up equipment shall be painted, fenced, landscaped or otherwise treated architecturally so as to minimize visual effects;
 - g. Rooftop installations shall be setback such that back up facilities are not viewed from the street;
 - h. Antennae attached to building facades shall be so placed, screened or otherwise treated to minimize any negative visual impact; and
 - i. Although co location of various companies' facilities may be desirable, a maximum number of antennas and back up facilities on the Project Site shall be established, on a case by case basis, such that "antennae farms" or similar visual intrusions for the site and area is not created.
For information about compliance, contact the Case Planner, Planning Department at 415-558-6613, www.sf-planning.org.

MONITORING - AFTER ENTITLEMENT

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

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

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

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

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

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

8. **Implementation Costs - WTS.**

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

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

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

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

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

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

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

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

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

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

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

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

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

OPERATION

14. **Community Liaison.** Prior to issuance of a building permit application to construct the project and implement the approved use, the Project Sponsor shall appoint a community liaison officer to deal with the issues of concern to owners and occupants of nearby properties. The Project Sponsor shall provide the Zoning Administrator written notice of the name, business address, and telephone number of the community liaison. Should the contact information change, the Zoning Administrator shall be made aware of such change. The community liaison shall report to the Zoning Administrator what issues, if any, are of concern to the community and what issues have not been resolved by the Project Sponsor.

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

15. **Out of Service – WTS.** The Project Sponsor or Property Owner shall remove antennae and equipment that has been out of service or otherwise abandoned for a continuous period of six months.

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

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

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

17. **Noise and Heat – WTS.** The WTS facility, including power source and cooling facility, shall be operated at all times within the limits of the San Francisco Noise Control Ordinance. The WTS facility, including power source and any heating/cooling facility, shall not be operated so as to cause the generation of heat that adversely affects a building occupant.

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

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

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

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

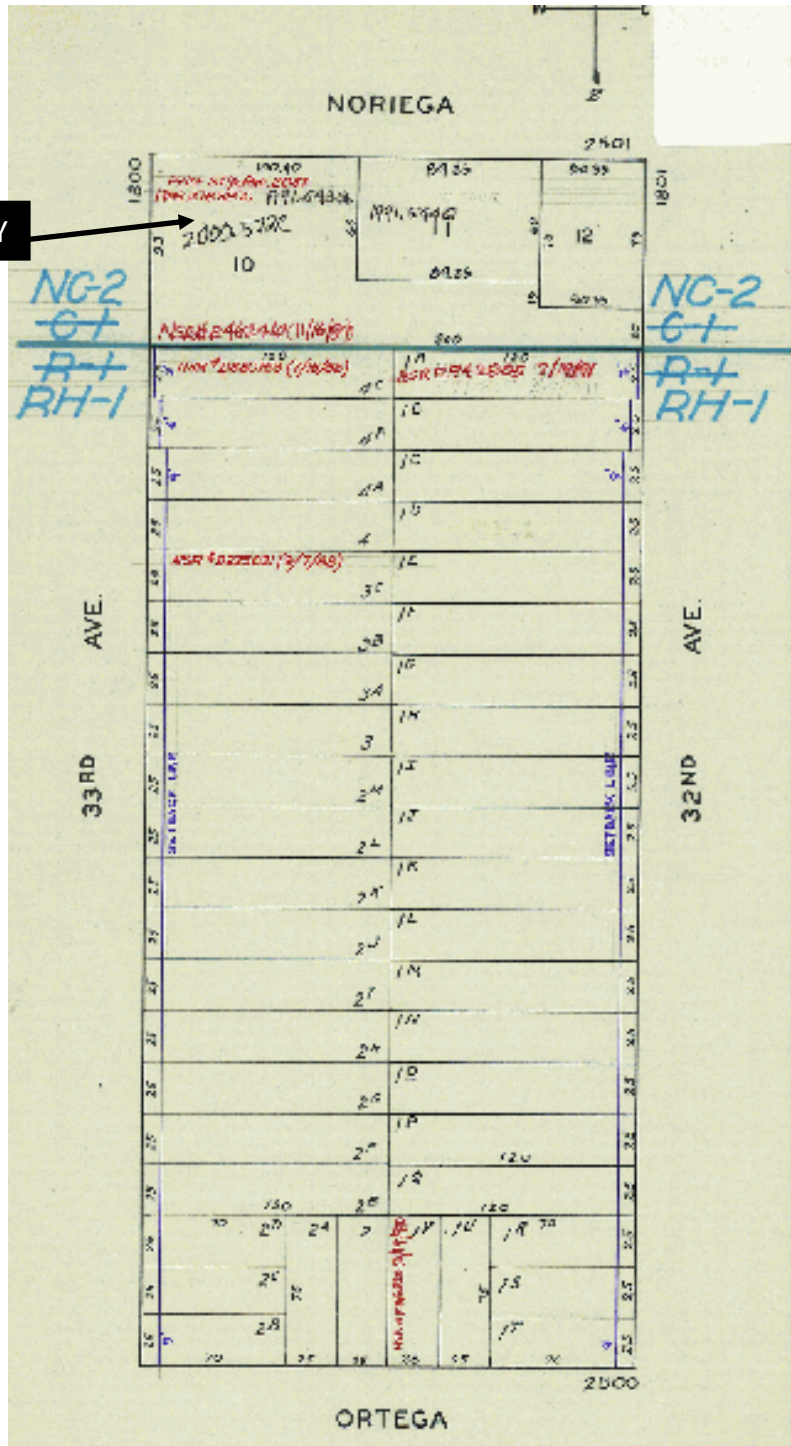
19. **Compatibility with City Emergency Services – WTS.** The facility shall not be operated or caused to transmit on or adjacent to any radio frequencies licensed to the City for emergency telecommunication services such that the City's emergency telecommunications system experiences interference, unless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

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

ACP:G:\DOCUMENTS\Projects\2543 Noriega Street - 2011.0419C\2543 Noriega Street - 2011.0419C - Motion.doc

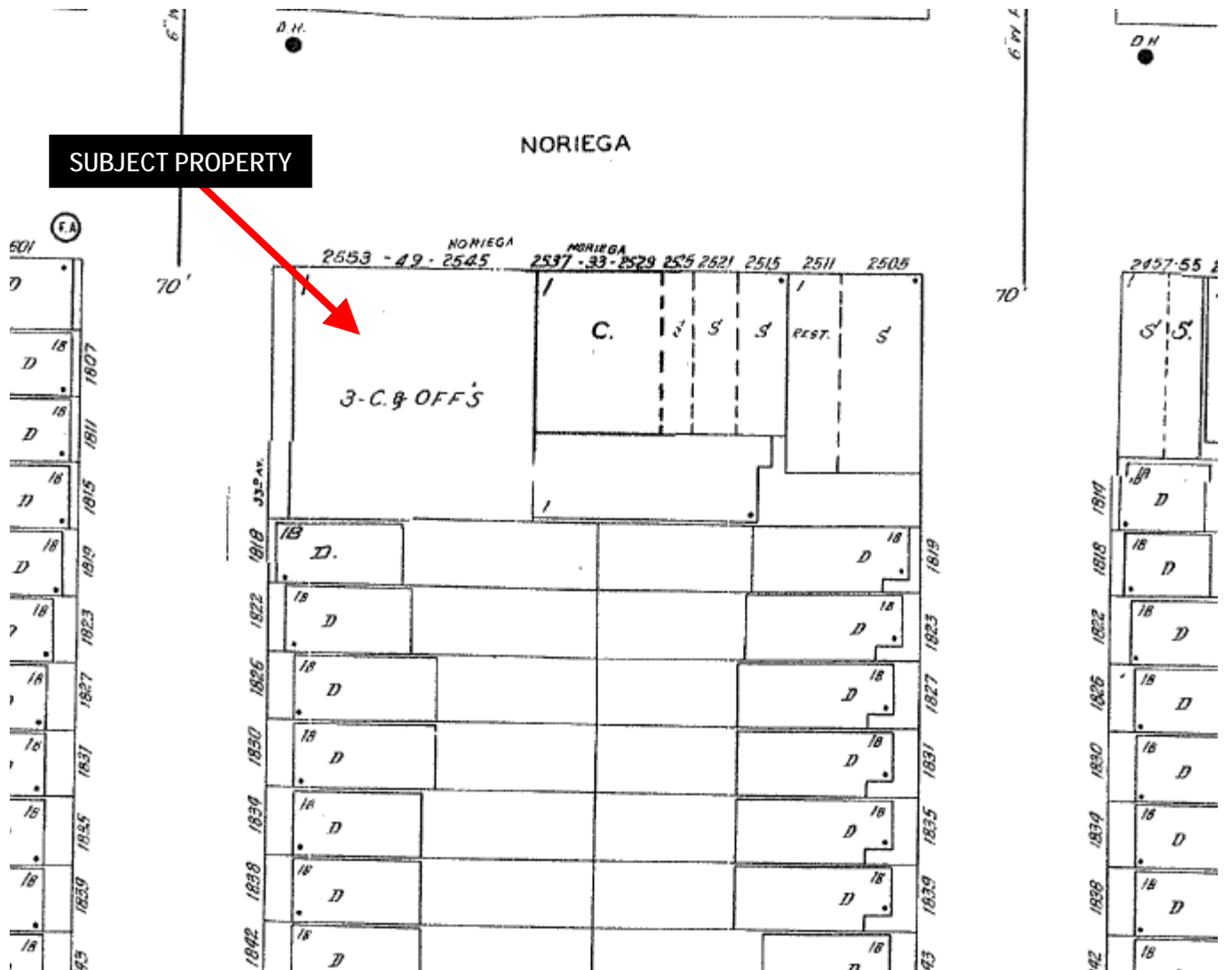
Parcel Map

SUBJECT PROPERTY



Conditional Use Request Hearing
 Case Number 2011.0419 C
 Wireless Telecommunication Services Facility
 2543 Noriega Street

Sanborn Map



Conditional Use Request Hearing
Case Number 2011.0419 C
Wireless Telecommunication Services Facility
2543 Noriega Street

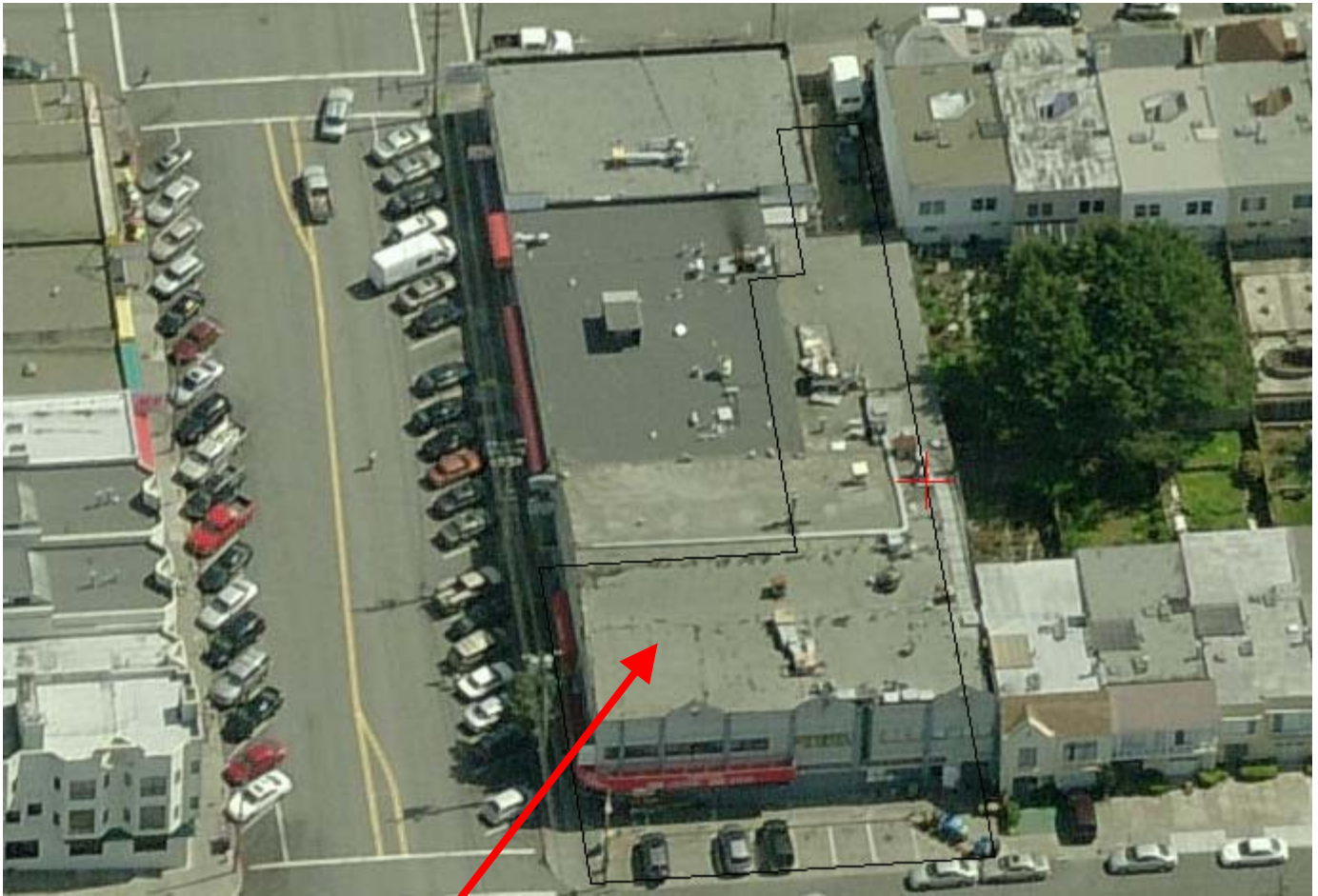
Aerial Photo view looking North

SUBJECT PROPERTY



Conditional Use Request Hearing
Case Number 2011.0419 C
Wireless Telecommunication Services Facility
2543 Noriega Street

Aerial Photo view looking East



SUBJECT PROPERTY

Conditional Use Request Hearing
Case Number 2011.0419 C
Wireless Telecommunication Services Facility
2543 Noriega Street

Aerial Photo view looking South



SUBJECT PROPERTY

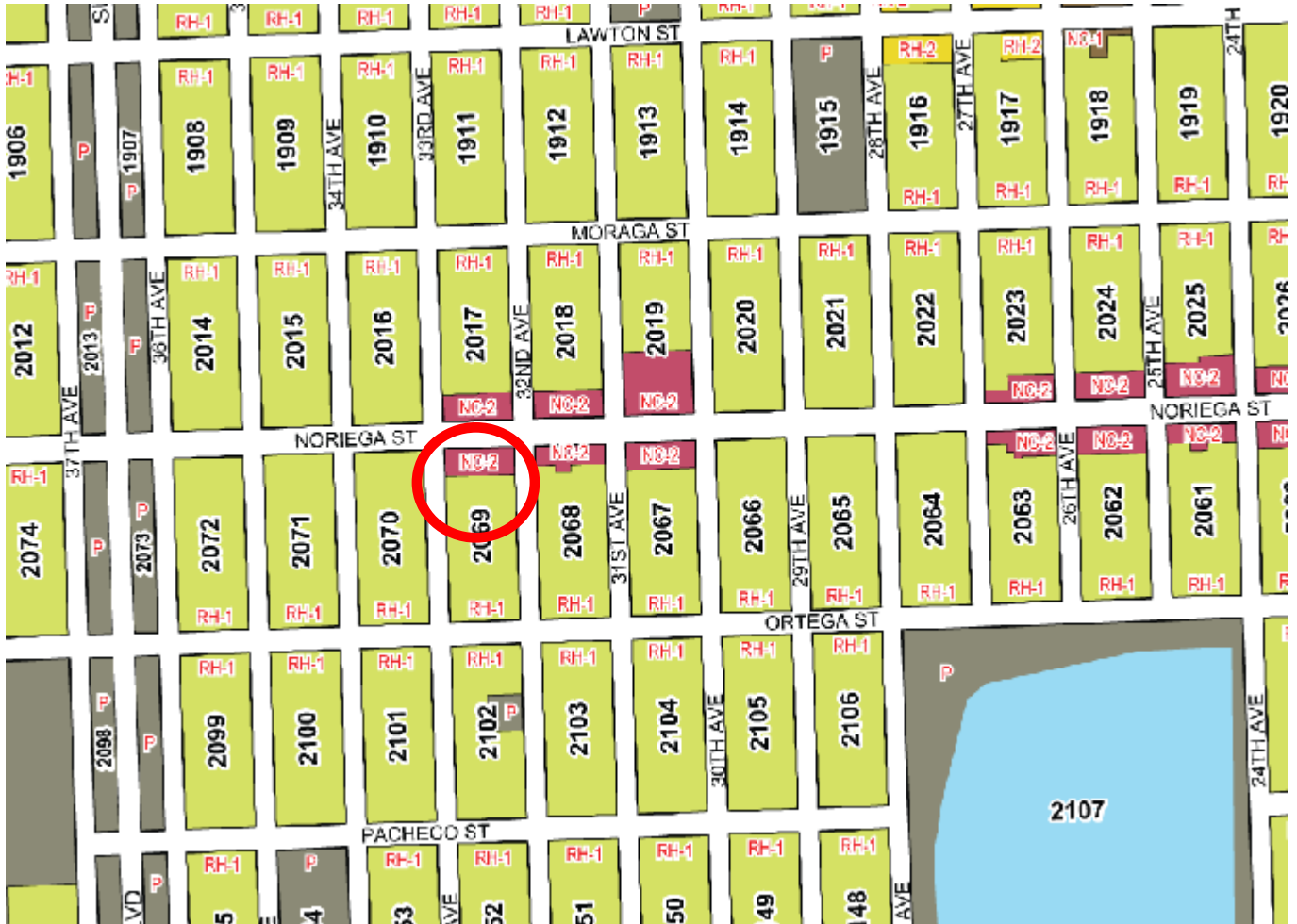
Conditional Use Request Hearing
Case Number 2011.0419 C
Wireless Telecommunication Services Facility
2543 Noriega Street

Aerial Photo view looking West

SUBJECT PROPERTY



Zoning Map



Conditional Use Request Hearing
Case Number 2011.0419 C
Wireless Telecommunication Services Facility
2543 Noriega Street

Site Photo - Subject Property



Conditional Use Request Hearing
Case Number 2011.0419 C
Wireless Telecommunication Services Facility
2543 Noriega Street

Site Photo - Subject Property

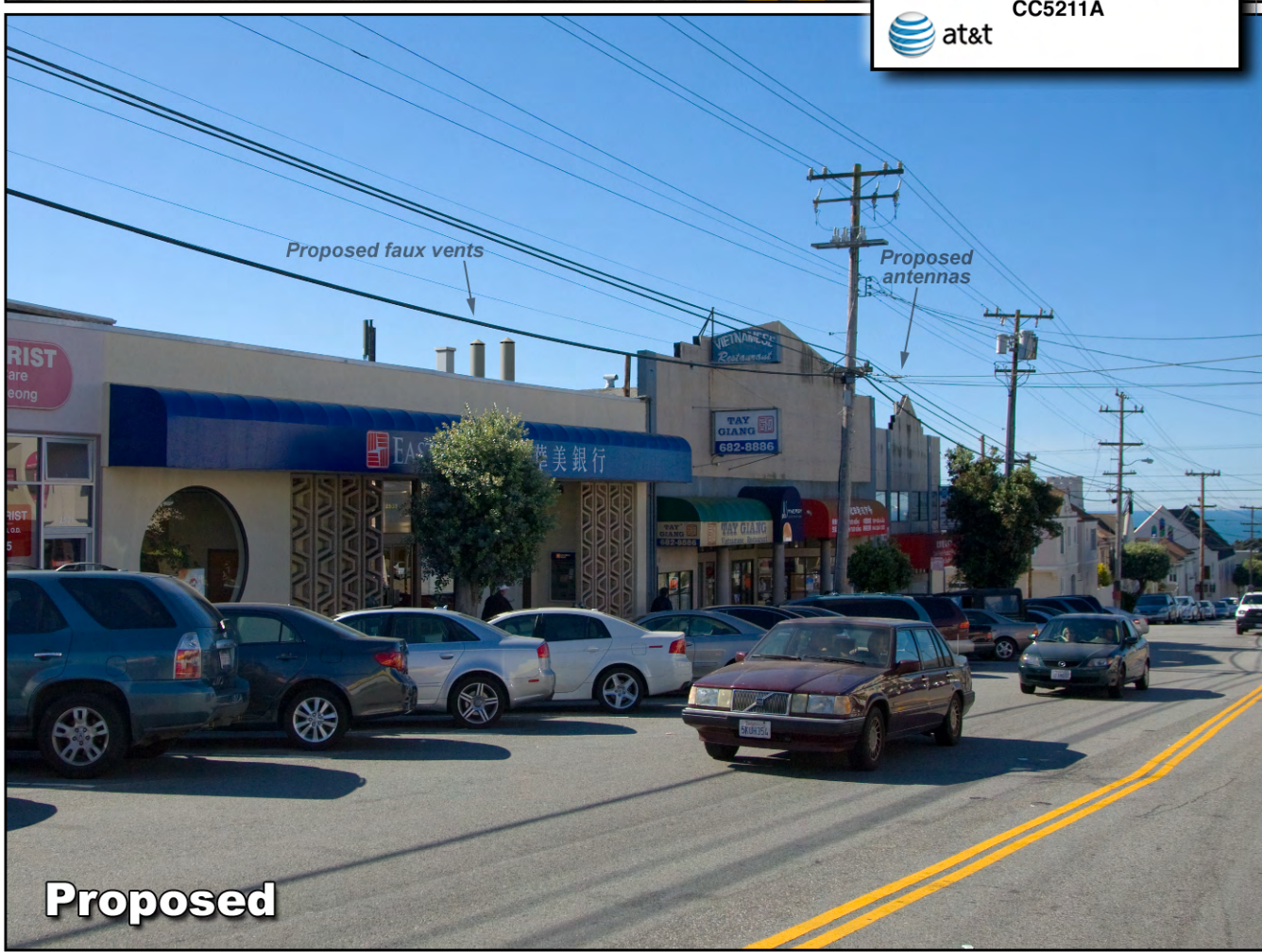


Conditional Use Request Hearing
Case Number 2011.0419 C
Wireless Telecommunication Services Facility
2543 Noriega Street

Photosimulation of view looking southwest along Noriega Street, near the intersection of 32nd Ave.



2543 Noriega St
 2543 Noriega St
 San Francisco, Ca 94122
 CC5211A


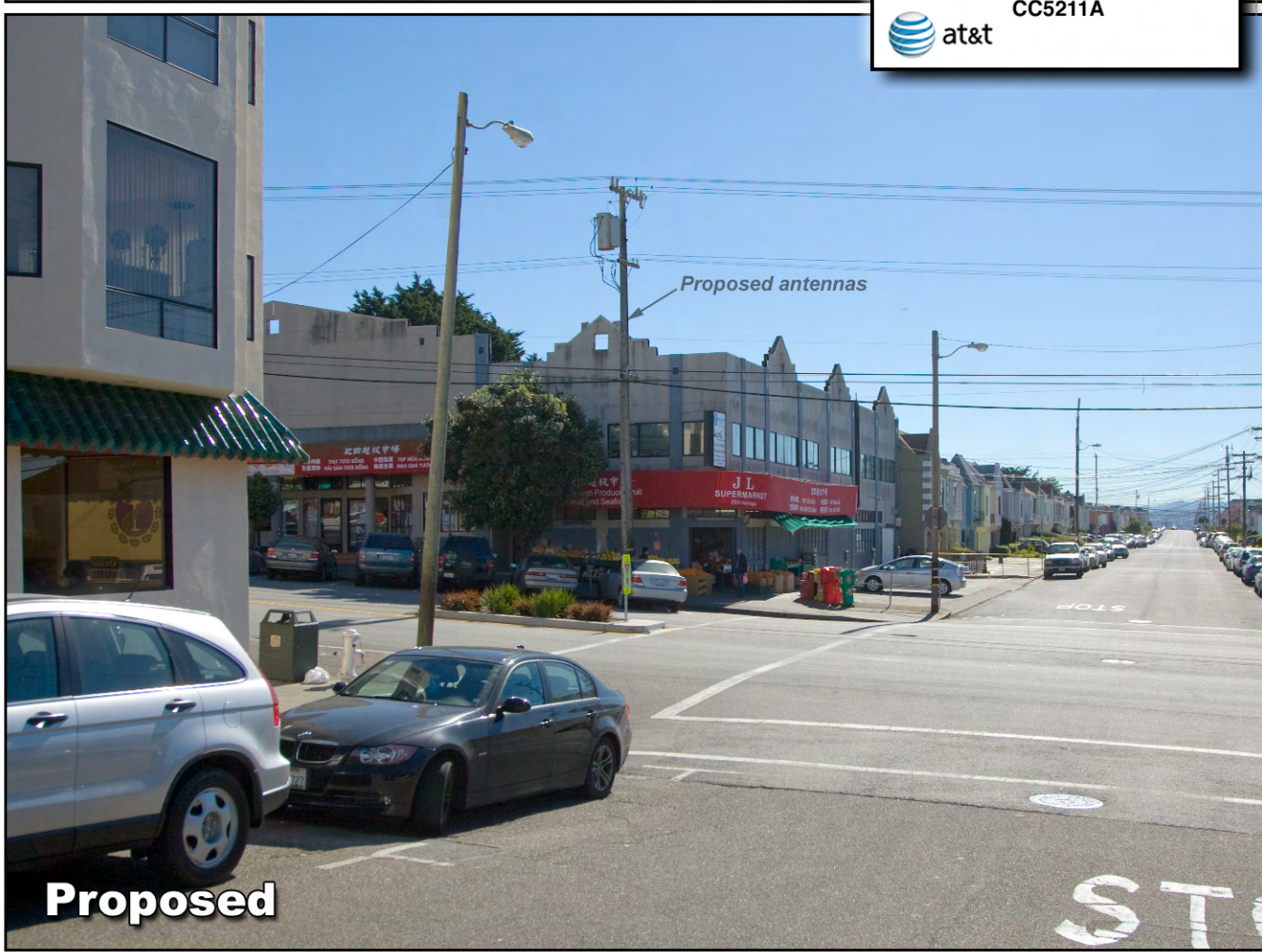


Photosimulation of view looking southeast along 33rd Ave, just north of Noriega Street.



Existing

2543 Noriega St
 2543 Noriega St
 San Francisco, Ca 94122
 CC5211A


Proposed

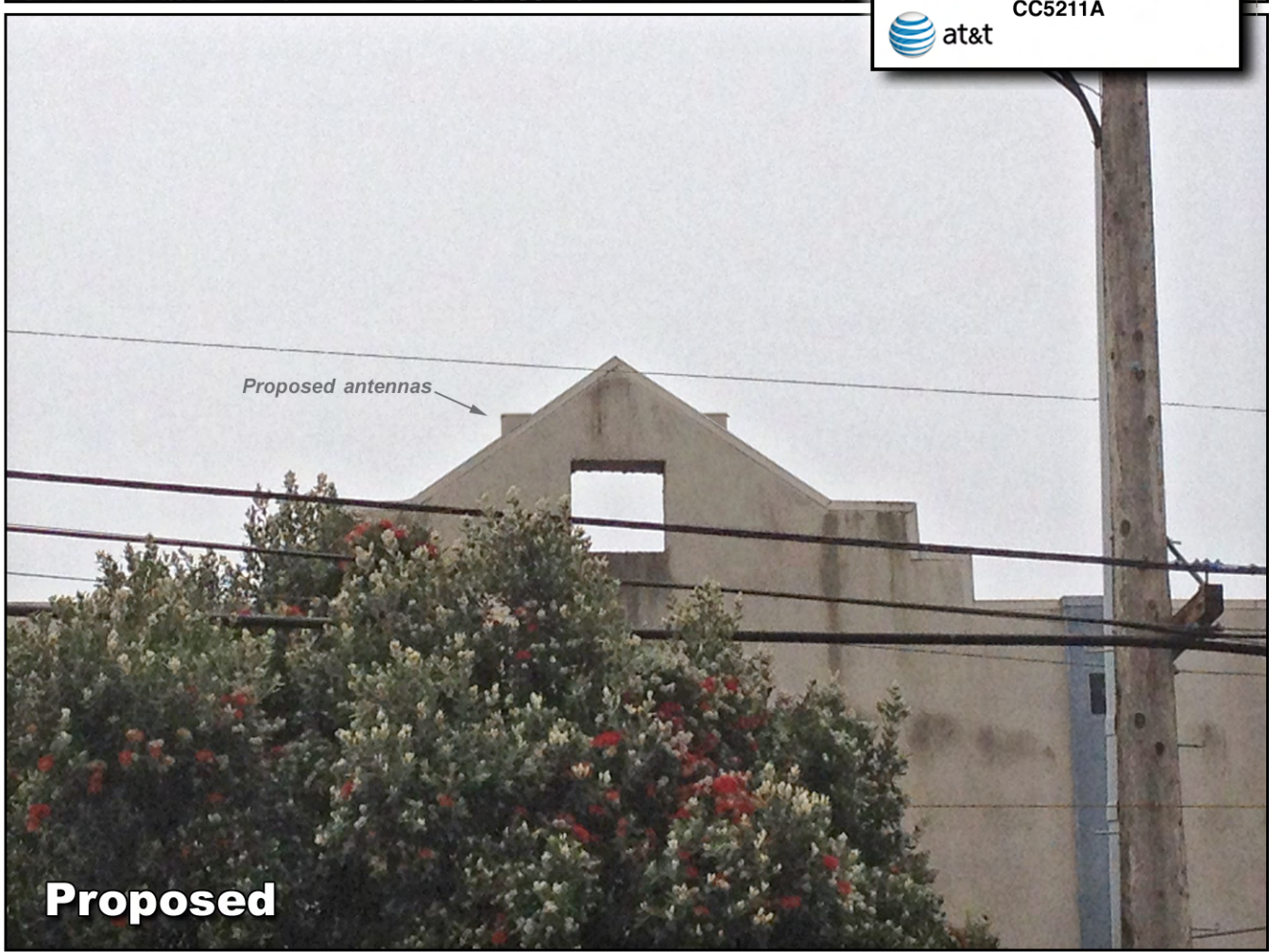
Photosimulation of telephoto zoom view looking south from Noriega Street.



Existing

2543 Noriega St
 2543 Noriega St
 San Francisco, Ca 94122
 CC5211A

 at&t



Proposed antennas →


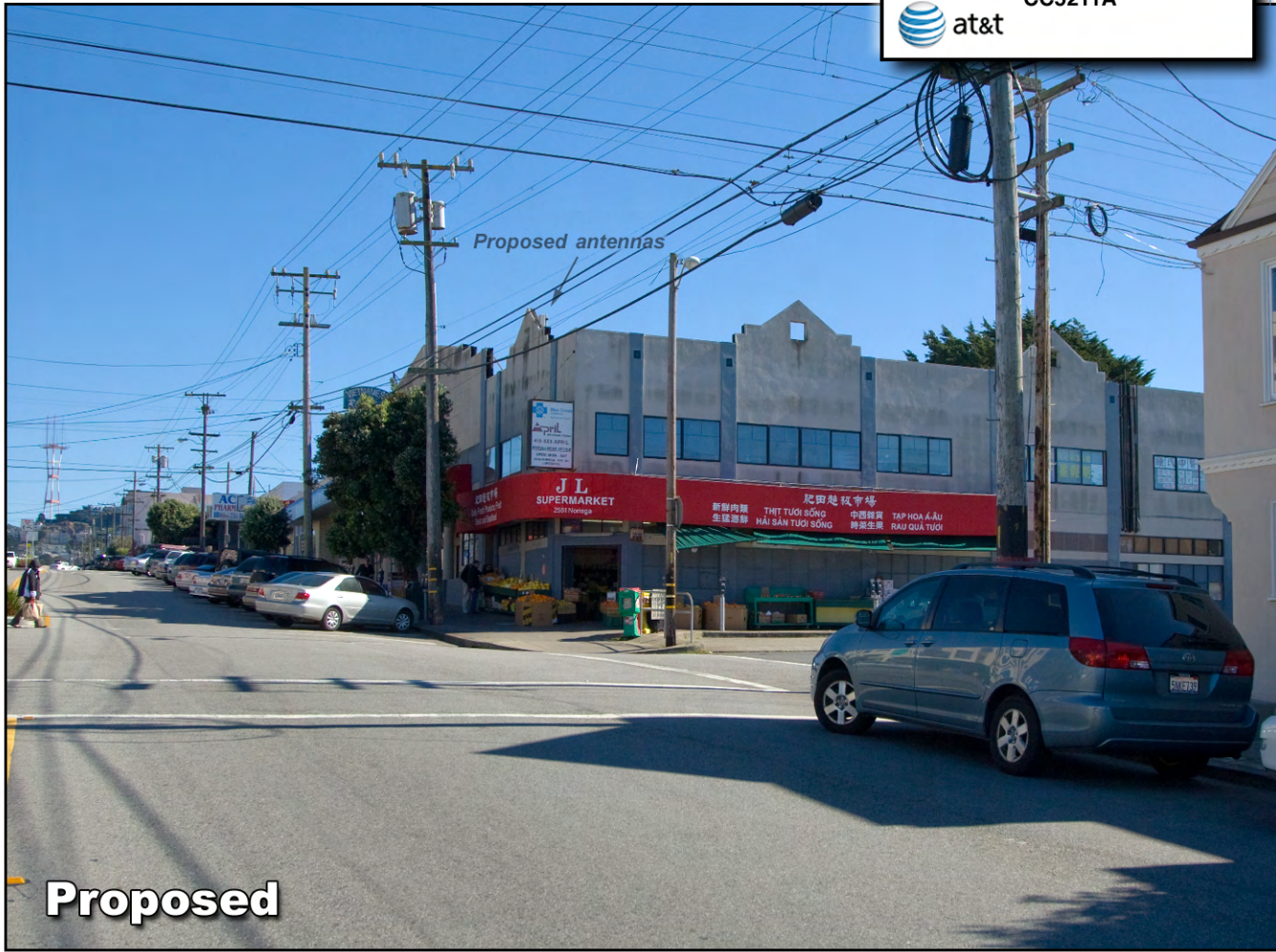
Proposed

Photosimulation of view looking east along Noriega Street, just west of 33rd Ave.



Existing

2543 Noriega St
 2543 Noriega St
 San Francisco, Ca 94122
 CC5211A

Proposed



Review of Cellular Antenna Site Proposals

Project Sponsor : AT&T Wireless **Planner:** Michelle Stahlhut
RF Engineer Consultant: Hammett and Edison **Phone Number:** (707) 996-5200
Project Address/Location: 2543 Noriega St
Site ID: 1569 **SiteNo.:** CC5211

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

- X 1. The location of all existing antennas and facilities. Existing RF levels. (WTS-FSG, Section 11, 2b)
 Existing Antennas No Existing Antennas: 3
- X 2. The location of all approved (but not installed) antennas and facilities. Expected RF levels from the approved antennas. (WTS-FSG Section 11, 2b)
 Yes No
- X 3. The number and types of WTS within 100 feet of the proposed site and provide estimates of cumulative EMR emissions at the proposed site. (WTS-FSG, Section 10.5.2)
 Yes No
- X 4. Location (and number) of the Applicant's antennas and back-up facilities per building and number and location of other telecommunication facilities on the property (WTS-FSG, Section 10.4.1a)
- X 5. Power rating (maximum and expected operating power) for all existing and proposed backup equipment subject to the application (WTS-FSG, Section 10.4.1c)
 Maximum Power Rating: 5670 watts.
- X 6. The total number of watts per installation and the total number of watts for all installations on the building (roof or side) (WTS-FSG, Section 10.5.1).
 Maximum Effective Radiant: 5670 watts.
- X 7. Preferred method of attachment of proposed antenna (roof, wall mounted, monopole) with plot or roof plan. Show directionality of antennas. Indicate height above roof level. Discuss nearby inhabited buildings (particularly in direction of antennas) (WTS-FSG, Section 10.4.1d)
- 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 $\mu\text{w}/\text{cm}^2$)
 Maximum RF Exposure: 0.093 mW/cm^2 Maximum RF Exposure Percent: 13
- X 9. Signage at the facility identifying all WTS equipment and safety precautions for people nearing the equipment as may be required by any applicable FCC-adopted standards. (WTS-FSG, Section 10.9.2). Discuss signage for those who speak languages other than English.
 Public_Exclusion_Area Public Exclusion In Feet: 53
 Occupational_Exclusion_Area Occupational Exclusion In Feet: 17

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 currently no antennas operated by AT&T Wireless installed on the roof top of the building at 2543 Noriega Street. Existing RF levels at ground level were around 1% of the FCC public exposure limit. There were observed similar antennas operated by Sprint (3) but no other antennas are within 100 feet of this site. AT&T Wireless proposes to install 11 new antennas. The antennas are mounted at a height of 28 - 33 feet above the ground. The estimated ambient RF field from the proposed AT&T Wireless transmitters at ground level is calculated to be 0.093 mW/sq cm., which is 13 % of the FCC public exposure limit. The three dimensional perimeter of RF levels equal to the public exposure limit extends 53 feet and includes areas of the rooftop. Warning signs must be posted at the antennas and roof access points in English, Spanish and Chinese. Workers should not have access to within 17 feet of the front of the antennas while they are in operation. Prohibited Access areas should be painted with red striping on the rooftop and Worker Notification Areas should be designated with yellow striping on the roof. Ensure that the radio frequency levels on the rooftops located directly to the east and west are below the worker notification threshold as established by the FCC.

 Not Approved, additional information required.

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

 1 Hours spent reviewing

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

Signed: _____



Dated: 1/30/2012

Patrick Fosdahl

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

**AT&T Mobility • Proposed Base Station (Site No. CC5211)
2543 Noriega Street • San Francisco, California**

Statement of Hammett & Edison, Inc., Consulting Engineers

The firm of Hammett & Edison, Inc., Consulting Engineers, has been retained on behalf of AT&T Mobility, a personal wireless telecommunications carrier, to evaluate the base station (Site No. CC5211) proposed to be located at 2543 Noriega Street in San Francisco, California, for compliance with appropriate guidelines limiting human exposure to radio frequency (“RF”) electromagnetic fields.

Background

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

Wireless Service	Frequency Band	Occupational Limit	Public Limit
Microwave (Point-to-Point)	5,000–80,000 MHz	5.00 mW/cm ²	1.00 mW/cm ²
BRS (Broadband Radio)	2,600	5.00	1.00
AWS (Advanced Wireless)	2,100	5.00	1.00
PCS (Personal Communication)	1,950	5.00	1.00
Cellular	870	2.90	0.58
SMR (Specialized Mobile Radio)	855	2.85	0.57
700 MHz	700	2.35	0.47
[most restrictive frequency range]	30–300	1.00	0.20

The site was visited by Rajat Mathur, P.E., a qualified engineer employed by Hammett & Edison, Inc., during normal business hours on July 27, 2011, a non-holiday weekday, and reference has been made to information provided by AT&T, including zoning drawings by TRK Engineering, Ltd., dated July 19, 2011.

Checklist

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

Observed above the roof of the two-story commercial building located at 2543 Noriega Street were three directional panel antennas for use by Sprint Nextel. Existing RF levels for a person at ground near the site were less than 1% of the most restrictive public exposure limit.

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

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

**AT&T Mobility • Proposed Base Station (Site No. CC5211)
2543 Noriega Street • San Francisco, California**

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

There were no other WTS facilities observed within 100 feet of the site, although there were observed directional panel antennas for use by T-Mobile located on a roof across Noriega Street, about 120 feet away.

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

AT&T proposes to install eleven Powerwave Model P65-15-XLH-RR directional panel antennas with up to 6° downtilt above the roof of the building. Two groups of four antennas would be installed behind view screens to be constructed above the north and west sides of the roof, mounted at an effective height of about 28 feet above ground, 2½ feet above the roof, and would be oriented toward 20°T and 260°T. The remaining antennas would be installed in cylindrical enclosures, configured to resemble vents, above the east portion of the main roof, mounted at an effective height of about 33 feet above ground, 7½ feet above the roof, and would be oriented toward 120°T.

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

The expected operating power of the AT&T transmitters is reflected in the resulting effective radiated power given in Item 6 below; the transmitters may operate at a power below their maximum rating. The power rating of the Sprint Nextel transmitters is not known.

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

The maximum effective radiated power proposed by AT&T in any direction is 5,670 watts, representing simultaneous operation at 1,780 watts for AWS, 1,520 watts for PCS, 1,480 watts for cellular, and 890 watts for 700 MHz service. The number of watts for the Sprint Nextel operation is not known, though its contribution to ambient RF levels at the site is reflected in the measurements reported in Item 1 above.

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

The drawings show the proposed antennas to be installed as described in Item 4 above. There were noted buildings of similar height across Noriega Street, located at least 120 feet from the AT&T antennas.



**AT&T Mobility • Proposed Base Station (Site No. CC5211)
2543 Noriega Street • San Francisco, California**

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

For a person anywhere at ground, the maximum ambient RF exposure level due to the proposed AT&T operation by itself is calculated to be 0.093 mW/cm², which is 13% of the applicable public exposure limit. Ambient RF levels at the site are therefore estimated to be below 14% of the limit. The three-dimensional perimeter of RF levels equal to the public exposure limit is calculated to extend up to 53 feet out from the antenna faces and to much lesser distances above, below, and to the sides of the antennas; this includes areas of the roof of the building but does not reach any other building or any publicly accessible areas.

9. Describe proposed signage at site.

Due to their mounting locations, the AT&T antennas would not be accessible to the general public, and so no mitigation measures are necessary to comply with the FCC public exposure guidelines. To prevent occupational exposures in excess of the FCC guidelines, no access within 17 feet directly in front of the antennas themselves, such as might occur during maintenance work on the roof, should be allowed while the base station is in operation, unless other measures can be demonstrated to ensure that occupational protection requirements are met. Marking “Prohibited Access Areas” with red paint striping out to 17 feet from the antennas and “Worker Notification Areas” with yellow paint striping out to 53 feet in front of the antennas, as shown in Figure 1 attached, and posting explanatory warning signs* at the roof access hatch and at the antennas, such that the signs would be readily visible from any angle of approach to persons who might need to work within that distance, would be sufficient to meet FCC-adopted guidelines. Similar measures should already be in place for the other carrier at the site; the applicable keep-back distance for that carrier has not been determined as part of this study.

10. Statement of authorship.

The undersigned author of this statement is a qualified Professional Engineer, holding California Registration Nos. E-13026 and M-20676, which expire on June 30, 2013. 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.

* Warning signs should comply with OET-65 color, symbol, and content recommendations. Contact information should be provided (e.g., a telephone number) to arrange for access to restricted areas. The selection of language(s) is not an engineering matter; the San Francisco Department of Public Health recommends that all signs be written in English, Spanish, and Chinese.



**AT&T Mobility • Proposed Base Station (Site No. CC5211)
2543 Noriega Street • San Francisco, California**

Conclusion

Based on the information and analysis above, it is the undersigned's professional opinion that operation of the base station proposed by AT&T Mobility at 2543 Noriega Street in San Francisco, California, will comply with the prevailing standards for limiting public exposure to radio frequency energy and, therefore, will not for this reason cause a significant impact on the environment. The highest calculated level in publicly accessible areas is much less than the prevailing standards allow for exposures of unlimited duration. This finding is consistent with measurements of actual exposure conditions taken at other operating base stations. Posting explanatory signs is recommended to establish compliance with occupational exposure limitations.



A handwritten signature in blue ink that reads "William F. Hammett". The signature is written over a horizontal line.

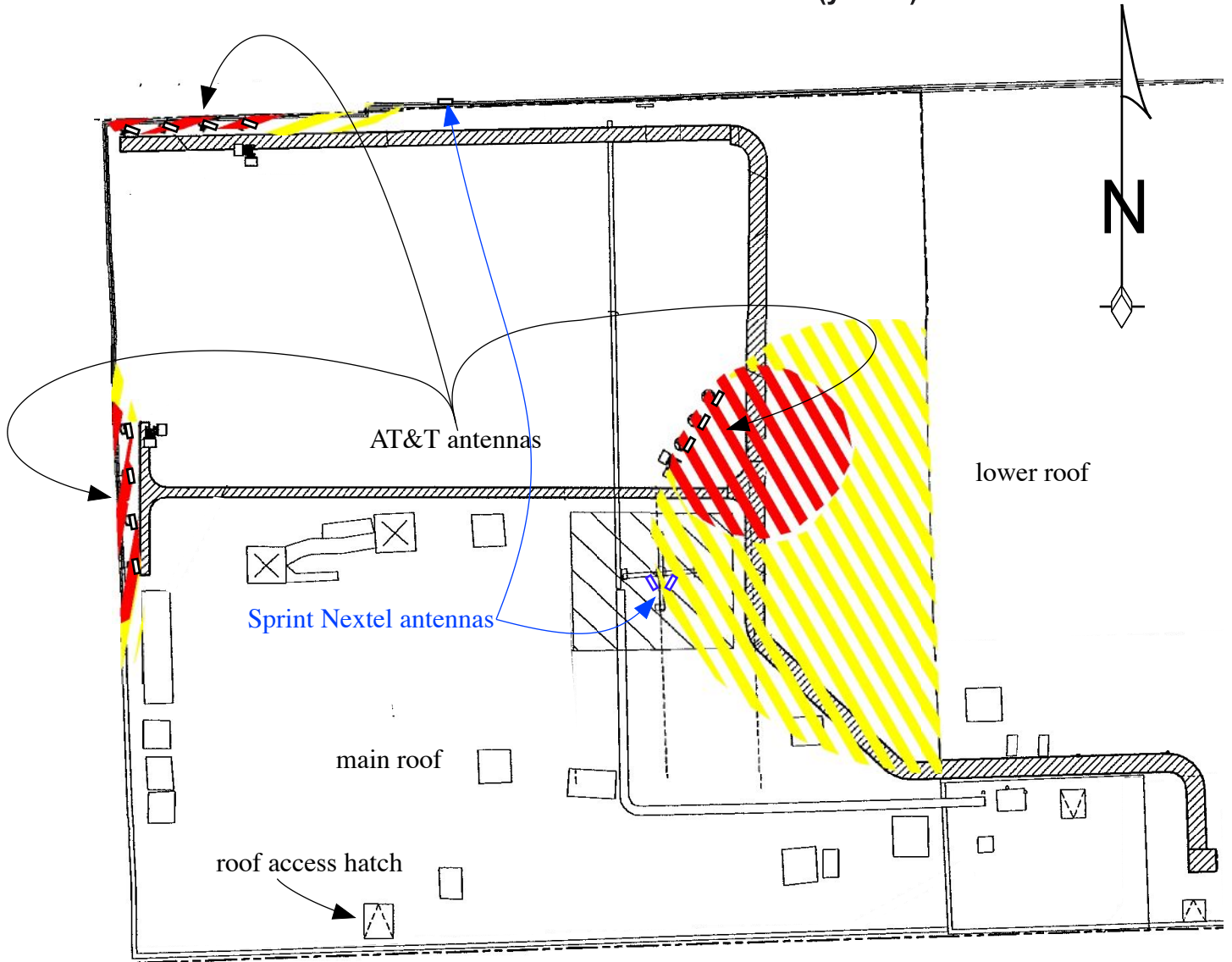
William F. Hammett, P.E.

707/996-5200

August 17, 2011

AT&T Mobility • Proposed Base Station (Site No. CC5211)
2543 Noriega Street • San Francisco, California

Suggested Locations for
Striping to Identify “Prohibited Access Areas” (red)
and “Worker Notification Areas” (yellow)



Notes:

Base drawing from TRK Engineering, Ltd., dated July 19, 2011.

“Prohibited Access Areas” should be marked with red paint stripes, “Worker Notification Areas” should be marked with yellow paint stripes, and explanatory warning signs should be posted outside the areas, readily visible to authorized workers needing access. See text.

Service Improvement Objective (CC5211)

2543 Noriega Street

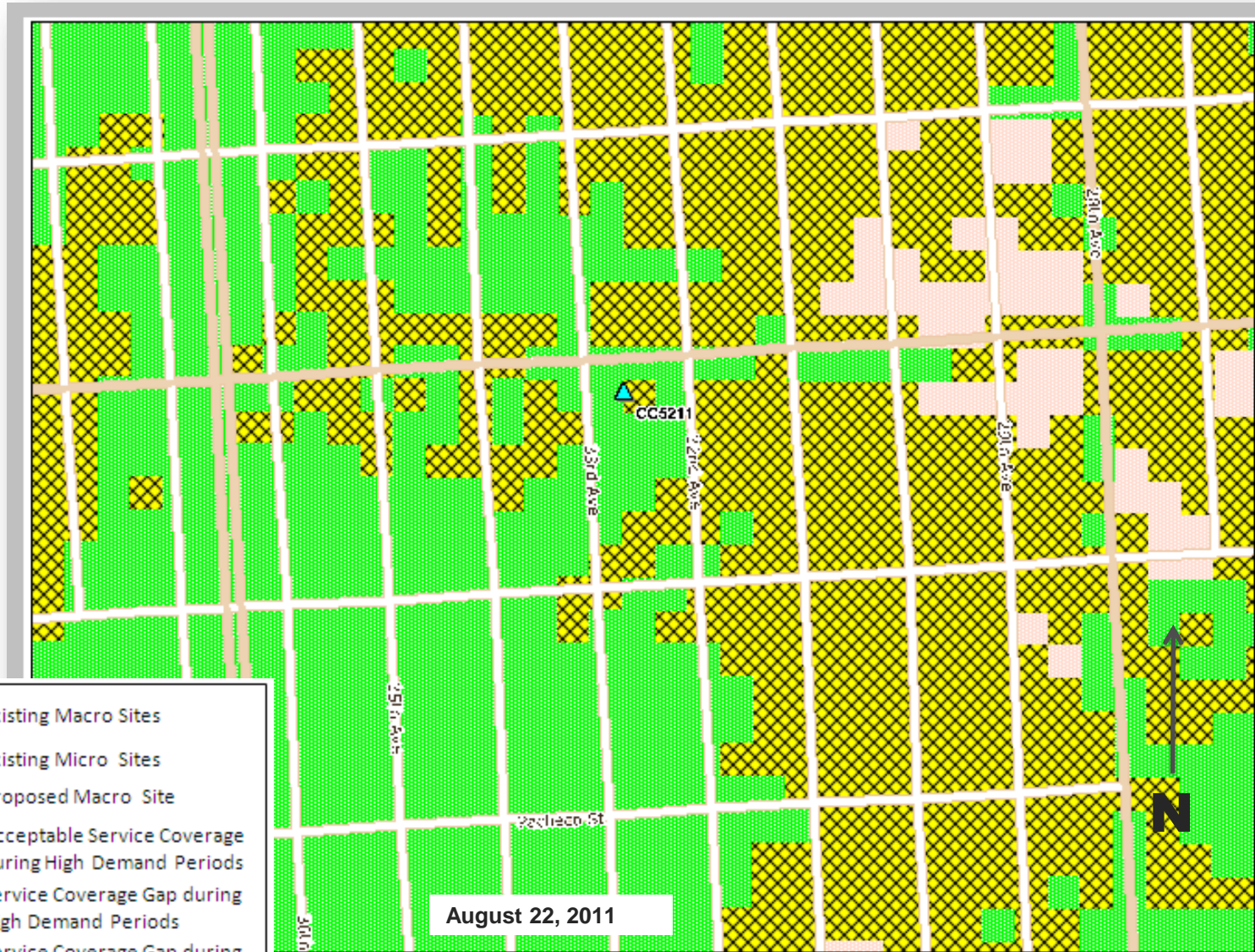


- ▲ Existing Macro Sites
- + Existing Micro Sites
- ▲ Proposed Macro Site
- Improved Service Area
- Site Search Area

In order to achieve the service goals as defined, at&t network engineers considered site locations in the area defined by the red circle

Proposed Site at 2543 Noriega St (CC5211)

Service Area BEFORE site is constructed

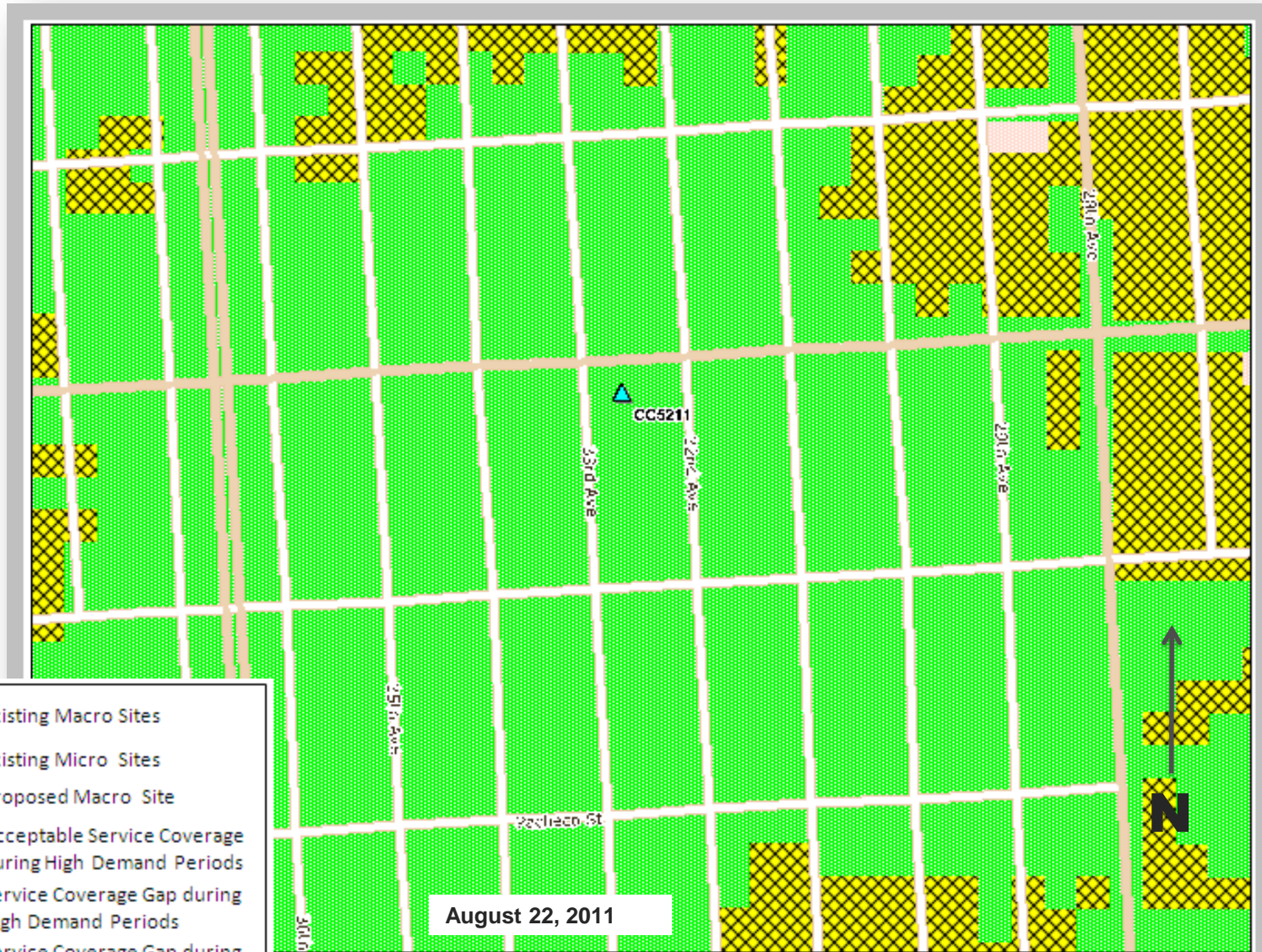


- ▲ Existing Macro Sites
- ⊕ Existing Micro Sites
- ▲ Proposed Macro Site
- Acceptable Service Coverage during High Demand Periods
- ▨ Service Coverage Gap during High Demand Periods
- Service Coverage Gap during All Demand Periods

August 22, 2011

Proposed Site at 2543 Noriega St (CC5211)

Service Area AFTER site is constructed

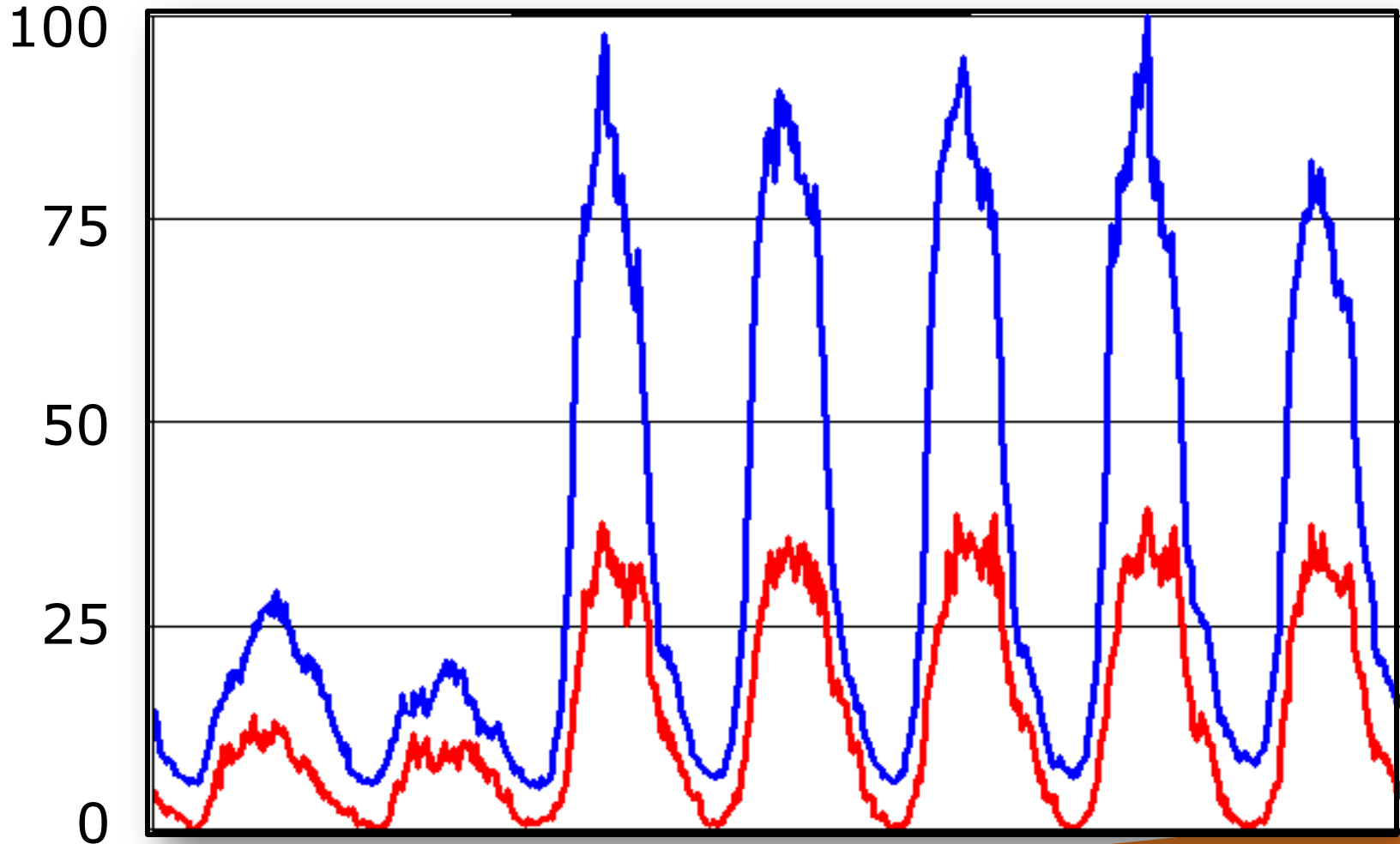


- ▲ Existing Macro Sites
- ✚ Existing Micro Sites
- ▲ Proposed Macro Site
- Acceptable Service Coverage during High Demand Periods
- ▨ Service Coverage Gap during High Demand Periods
- Service Coverage Gap during All Demand Periods

August 22, 2011

Current 7-Day Traffic Profile for the Location of CC5211

— Data Traffic
— Voice Traffic

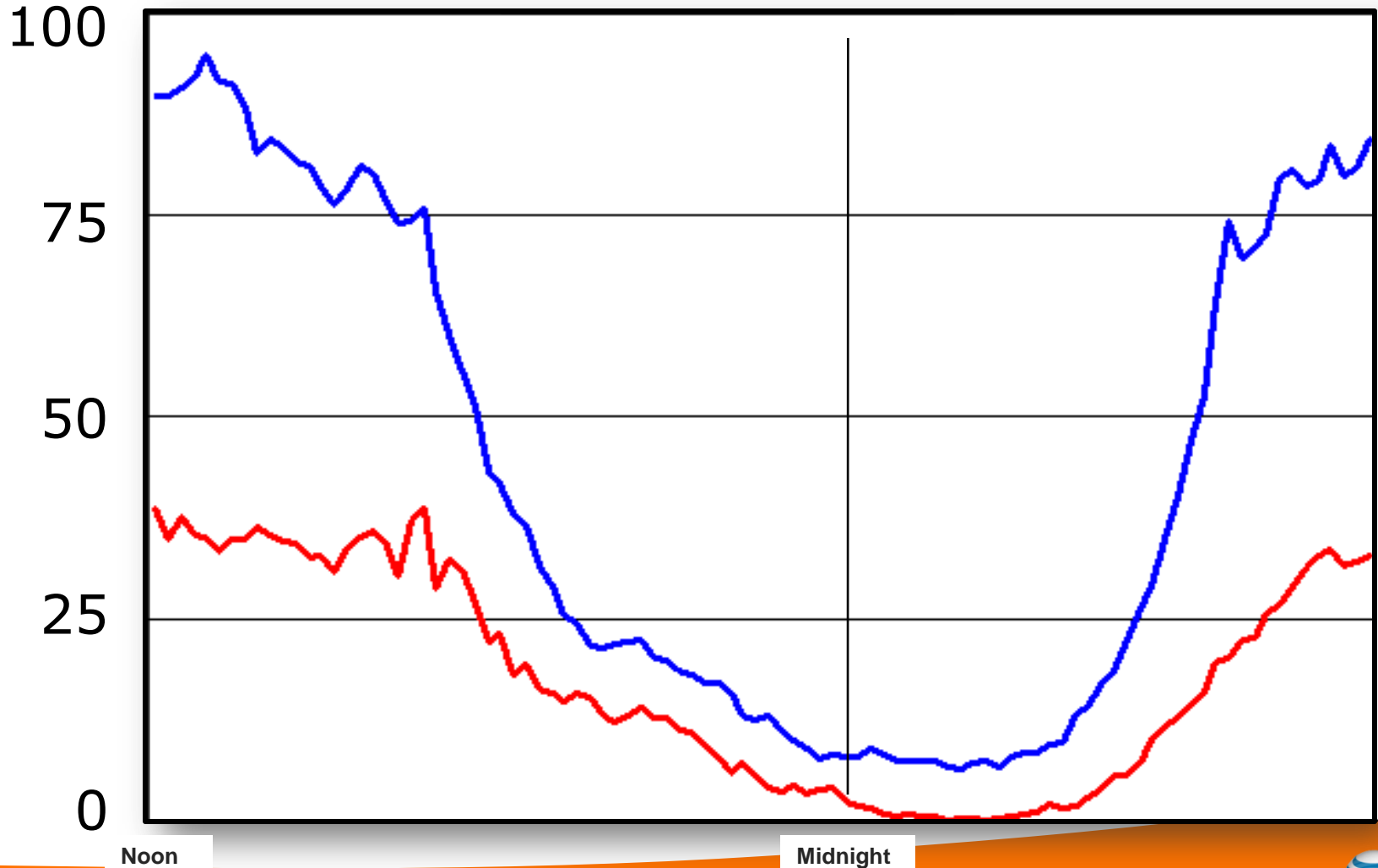


August 7, 2011



Current 24-Hour Traffic Profile for the Location of CC5211

— Data Traffic
— Voice Traffic



Existing Surrounding Sites at 2543 Noriega St CC5211





June 21, 2011

Adrian Putra, Planner
San Francisco Department of Planning
1650 Mission Street, Suite 400
San Francisco, CA 94103

**Re: Case No. 2011.0419C
Community Meeting for proposed AT&T Mobility facility at 2543 Noriega Street.**

Dear Mr. Putra,

On June 14, 2011, AT&T mobility held a community meeting regarding the proposed wireless facility at 2543 Noriega Street. The attached notification announced the community presentation was to be held at the Holy Name of Jesus Church Lower Church Hall at 1555 – 39th Avenue, San Francisco, CA 94122 at 7:00 p.m. Notice of the meeting was mailed out on May 31, 2011 to 426 owners and tenants within 500 feet of the proposed installation and six neighborhood organizations.

I conducted the meeting on behalf of AT&T Mobility as the project sponsor along with, Tedi Vriheas of AT&T's External Affairs and Taylor Jordan of Berg Davis Public Affairs. Lynn Bruno with Hammett and Edison was there to answer any questions regarding the EMF emissions from the proposed wireless facility.

A total of 14 community members attended the meeting. One community member mentioned several times that Sprint already operated an unmanned wireless facility at the subject building and that she did not want any additional antennas in the neighborhood. Several neighbors requested that AT&T relocate the proposal to another location in the neighborhood and had questions related to radio frequency exposure.

A few community members were in support of the proposal, who noted the importance of wireless technologies for convenience as well as public safety.

Please contact me at (415) 246-8855 if you have any questions.

Sincerely,

A handwritten signature in blue ink that reads "Tony Kim".

Tony Kim
Town Consulting
Representing AT&T Mobility

Attachments:

Community Meeting Notice
Sign-Up Sheet
Neighborhood Groups List



**2543 Noriega Street Community Meeting
June 14th, 2011**

Name	Address	Phone/Email
Mike & Jenifer Capple	1846 34 th Ave	415-731-2145
Kwalc pang	1767 33 rd AVE.	
JOSEPH KLEIMAN	2600 NORIEGA ST	415-665-5392
POLINA KLEIMAN	2600 Noriega st	415-665-5392
shibus zheng	1838 34 th AVE	415-646-6908
Yvonne Wimmer	2601 Noriega	415/681-6090
David Chase	1779 31 Ave.	661-5424 please give me name, # of district
Klaudia Wimmer	2601 NORIEGA ST	881-6090
Carolee ng	2636 ORTEGA ST.	
YUK J. NG	2636 ORTEGA ST.	
He. Z. Ramr.	1775 33 rd AVE	

NOTICE OF NEIGHBORHOOD MEETING

To: Neighborhood Groups, Neighbors & Owners within 500' radius of
2543 Noriega Street

Meeting Information

Date: Tuesday, June 14, 2011
Time: 7:00 p.m.
Where: Holy Name of Jesus Church
Lower Church Hall
(Lawton Street entrance)
1555 – 39th Avenue
San Francisco, CA 94122

Site Information

Address: 2543 Noriega Street
Block/Lot: 2069 / 010
Zoning: Polk Street NC-2

Applicant

AT&T Mobility

Contact Information

AT&T Mobility Hotline
(415) 646-0972

AT&T Mobility is proposing to install a wireless communication facility at 2543 Noriega Street, needed by AT&T Mobility as part of its San Francisco wireless network. The proposed AT&T Mobility site is an unmanned facility consisting of the installation of nine (9) panel antennas, roof-mounted on the building. The equipment will be located in the basement of the existing building. Plans and photo simulations will be available for your review at the meeting. You are invited to attend an informational community meeting located at the Holy Name of Jesus Church, Lower Church Hall (Lawton Street entrance), 1555 – 39th Avenue, on Tuesday, June 14, 2011 at 7:00 p.m. to learn more about the project.

If you have any questions regarding the proposal and are unable to attend the meeting, please contact the AT&T Mobility Hotline at (415) 646-0972 and an AT&T Mobility specialist will return your call. Please contact Adrian Putra, project planner with the San Francisco Department of City Planning at (415) 575-9079 if you have any questions regarding the planning process.

NOTE: If you require an interpreter to be present at the meeting, please contact our office at (415) 646-0972 no later than 5:00pm on Friday, June 10, 2011 and we will make every effort to provide you with an interpreter.

NOTIFICACIÓN DE REUNIÓN DE VECINDARIO

Para: Grupos del vecindario, vecinos y propietarios dentro de un radio de 500' de
2543 Noriega Street

Información de la reunión

Fecha: Martes 14 de junio de 2011
Hora: 7:00 p.m.
Dónde: Holy Name of Jesus Church
Lower Church Hall
(Entrada por Lawton Street)
1555 – 39th Avenue
San Francisco, CA 94122

Información del lugar

Dirección: 2543 Noriega Street
Cuadra/Lote: 2069 / 010
Zonificación: Polk Street NC-2

Solicitante

AT&T Mobility

Información de contacto

Línea directa de AT&T Mobility
(415) 646-0972

AT&T Mobility propone instalar una instalación de comunicaciones inalámbricas en 2543 Noriega Street necesaria para AT&T Mobility como parte de su red inalámbrica en San Francisco. La ubicación propuesta de AT&T Mobility es una instalación sin personal que consiste en la instalación de nueve (9) antenas panel, montadas en el techo del edificio. El equipo se ubicará dentro del sótano del edificio. Habrá planos y fotos disponibles para que usted los revise en la reunión. Se lo invita a asistir a una reunión informativa de la comunidad que se realizará en Holy Name of Jesus Church, Lower Church Hall (entrada de Lawton Street), 1555 – 39th Avenue el Martes el 14 de junio de 2011 a las 7:00 p.m. para tener más información sobre el proyecto.

Si tiene preguntas relacionadas con la propuesta y no puede asistir a la reunión, por favor, llame a la Línea Directa de AT&T Mobility, (415) 646-0972, y un especialista de AT&T Mobility le devolverá el llamado. Por favor, contacte a Adrian Putra, planificador de proyecto, en el Departamento de Planificación de la Ciudad de San Francisco al (415) 575-9079 si tiene alguna pregunta relacionada con el proceso de planificación.

NOTA: Si necesita que un intérprete esté presente en la reunión, por favor, contacte a nuestra oficina al (415) 646-0972 antes del viernes 10 de junio de 2011 antes de las 5:00 p.m., y haremos todos lo posible para proporcionarle un intérprete.

社區會議通知

致：Noriega 街 2543 號周圍五百英尺內的居民組織、居民和業主

會議資訊

日期：2011 年 6 月 14 日 (星期二)
時間：下午 7:00
地點：加利福尼亞州三藩市 39 號大道
1555 號 Holy Name of Jesus Church 內的 Lower
Church Hall (Lawton 街入口處) (郵編 94122)

設施地點資訊

地址：Noriega 街 2543 號
街區 / 地段：2069/010
分區：Polk Street NC-2

申請公司

AT&T Mobility

聯繫資訊

AT&T Mobility 公司熱線電話
(415) 646-0972

AT&T Mobility 公司計畫在 Noriega 街 2543 號安裝一座無線通訊設施，作為 AT&T Mobility 公司在三藩市無線網路的一部分。計畫中的 AT&T Mobility 設施為無人操作設施，將在該建築的樓頂安裝九(9) 根平板天線。相關設備將被放置在現有建築的地下室。我們在會上將提供計畫書和類比圖片供您參考。我們誠意邀請您參加定於 2011 年 6 月 14 日 (星期二) 下午 7:00 在 39 號大道 1555 號 Holy Name of Jesus Church 內的 Lower Church Hall 召開的社區通氣會，以便您瞭解有關本專案的更多資訊。

如果您對該計畫有任何疑問，但是無法出席這次會議，請撥打 AT&T Mobility 公司熱線電話(415) 646-0972，AT&T Mobility 公司的一位專業人員將會回復您的電話。如果您對本規程式有任何疑問，請致電 (415) 575-9079 與三藩市城市規劃署專案規劃員 Adrian Putra 聯繫。

注意:如果您需要一名翻譯陪同您出席會議，請在不晚於 2011 年 6 月 10 日 (星期五) 下午 5 點前致電 (415) 646-0972 與本辦公室聯繫，我們將盡力為您配備一名翻譯。

Adrian Putra

Planning Commission

Case No 2011.0419C


I live at 1858 33rd In the last three years we have received more transformer boxes a Nex G3 in the middle of the block smart meters and additions to the wires surrounding our houses. How much more can we sustain in this small radius with children growing up here and radiation coming from each of these items. What makes Ortega/Noriega and 33rd so popular for this? I realize owners of buildings get money for doing this but how fair is that to the rest of us.

I vote NO more in our area. You realize we are already subjected to the panel box on 32nd. We had no say in that. We need to halt this behavior in our area.

Stores, garbage, street dumping , car board boxes, debris and drop boxes are cluttering our neighborhood and it is unfair to those of us who carefully take our property seriously.

I am not present for this meeting but wish my voice to be heard through you.

Toni Lynn Gallagher Resident

A handwritten signature in black ink that reads "Toni Lynn Gallagher". The signature is written in a cursive style with a long horizontal line extending to the right.

Was it on purpose that this was not translated into the language of the neighborhood? That would be a civil matter.

Adrian Putra

Planning Commission

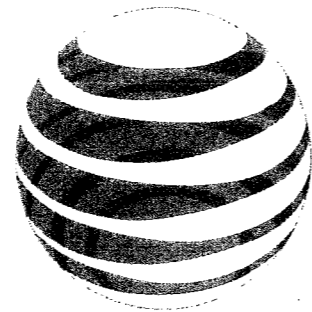
Case No 2011.0419C

Please vote NO on additional mounted antennas and boxes for 2543 Noriega. We are surrounded by transformers and antennas between Ortega and Noriega and 33rd as well as substantial new boxes along our block. Find another area that is not as polluted as you have made this one.

Paulina Simms Resident

Paulina Simms
1858 - 33rd Avenue

In looking at this notice and our neighborhood primarily Chinese why was this notice not done in both languages. Is Carmen Chu aware of what you are attempting here?



at&t

33RD AVE & NORIEGA ST
2543 NORIEGA ST
SAN FRANCISCO, CA 94122
CC5211

33RD AVE
&
NORIEGA ST

CC5211
2543 NORIEGA ST
SAN FRANCISCO, CA 94122

ISSUE STATUS

Δ	DATE	DESCRIPTION	BY
	01/03/12	CD 90%	M.F.
	03/09/12	CLIENT REV	C.C.
	06/06/12	CLIENT REV	P.V.
	-	-	-
	-	-	-

DRAWN BY: C. CODY

CHECKED BY: J. GRAY

APPROVED BY: K. SORENSEN

DATE: 06/06/12

PROJECT DESCRIPTION

A (N) UNMANNED TELECOMMUNICATION FACILITY CONSISTING OF A (N) 10'-0"X16'-0" AT&T LEASE AREA W/ (7) (N) 6601 RBS UNITS INSIDE (4) (N) 23' RACKS, (2) (N) 2206 RBS CABINETS, & (2) (N) WALL MOUNTED AIR HANDLERS. ALSO ADDING (8) (N) AT&T ANTENNAS BEHIND (8) (N) FRP SCREENS, (3) (N) AT&T ANTENNAS INSIDE (3) (N) FAUX FRP VENTS, (2) (N) A/C COMPRESSORS, (24) (N) RRU'S, (3) (N) SURGE SUPPRESSORS, & A (N) SPLICE BOX. ALL FRP SCREEN WALLS & FAUX VENTS ARE TO BE DESIGNED TO MATCH THE (E) BUILDING.

PROJECT INFORMATION

SITE NAME:	33RD AVE & NORIEGA ST	SITE #:	CC5211
COUNTY:	SAN FRANCISCO	JURISDICTION:	CITY OF SAN FRANCISCO
BLOCK/LOT:	2069-010	POWER:	PG&E
SITE ADDRESS:	2543 NORIEGA ST SAN FRANCISCO, CA 94122	TELEPHONE:	AT&T
CURRENT ZONING:	NC-2	LATITUDE:	N 37° 45' 12.28" NAD 83
CONSTRUCTION TYPE:	V	LONGITUDE:	W 122° 29' 27.97" NAD 83
OCCUPANCY TYPE:	U, (UNMANNED COMMUNICATIONS FACILITY)	AMSL:	±232'
PROPERTY OWNER:	GORDON HU 1857 HUNT DR BURUNGAME, CA 94010		
APPLICANT:	AT&T 430 BUSH ST, 5TH FLOOR SAN FRANCISCO, CA 94108		
LEASING CONTACT:	ATTN: TONY KIM TOWN CONSULTING (---)		
ZONING CONTACT:	ATTN: JOHN MERRITT TOWN CONSULTING (---)		
CONSTRUCTION CONTACT:	ATTN: EARL EARLEY ERICSSON (408) 636-3717		

VICINITY MAP



DRIVING DIRECTIONS

FROM: 430 BUSH ST, 5TH FLOOR, SAN FRANCISCO, CA 94108
TO: 2543 NORIEGA ST, SAN FRANCISCO, CA 94122

1. START OUT GOING EAST ON BUSH ST TOWARD CLAUDE LN. 0.0 MI
2. TURN LEFT ONTO KEARNY ST. 0.1 MI
3. TURN LEFT ONTO PINE ST. 1.0 MI
4. TURN LEFT ONTO VAN NESS AVE/US-101 S. 0.3 MI
5. TURN RIGHT ONTO GEARY BLVD. 1.9 MI
6. TURN LEFT ONTO STANYAN ST. 0.5 MI
7. TURN RIGHT ONTO FULTON ST. 0.9 MI
8. TURN RIGHT ONTO PARK PRESIDIO BLVD/CA-1. 0.1 MI
9. MAKE A U-TURN ONTO CA-1. 1.8 MI
10. TURN RIGHT ONTO NORIEGA ST. 0.8 MI

END AT: 2543 NORIEGA ST, SAN FRANCISCO, CA 94122
ESTIMATED TIME: 20 MINUTES ESTIMATED DISTANCE: 7.47 MILES

CODE COMPLIANCE

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

1. 2010 CALIFORNIA ADMINISTRATIVE CODE (INCL. TITLES 24 & 25)
 2. 2010 CALIFORNIA BUILDING CODE
 3. 2010 CALIFORNIA ELECTRICAL CODE
 4. 2010 CALIFORNIA MECHANICAL CODE
 5. 2010 CALIFORNIA PLUMBING CODE
 6. 2010 CITY OF SAN FRANCISCO FIRE CODE
 7. LOCAL BUILDING CODES
 8. CITY/COUNTY ORDINANCES
 9. ANSI/EIA-TIA-222-G
- ALONG WITH ANY OTHER APPLICABLE LOCAL & STATE LAWS AND REGULATIONS

DISABLED ACCESS REQUIREMENTS

THIS FACILITY IS UNMANNED & NOT FOR HUMAN HABITATION. DISABLED ACCESS & REQUIREMENTS ARE NOT REQUIRED IN ACCORDANCE WITH CALIFORNIA STATE BUILDING CODE TITLE 24 PART 2, SECTION 1134B.2.1, EXCEPTION 4

SHEET INDEX

SHEET	DESCRIPTION	REV
T-1	TITLE	-
T-2	EMF REPORT	-
T-3	SIGNAGE DETAILS	-
T-4	TITLE 24	-
A-1	SITE PLAN	-
A-2	ENLARGED SITE PLAN	-
A-3	EQUIPMENT PLAN & DETAILS	-
A-4	ANTENNA PLANS & DETAILS	-
A-5	ELEVATIONS	-
A-6	ELEVATIONS	-
A-7	DETAILS	-
A-8	ROOM IMPROVEMENT PLAN	-
S-1	STRUCTURAL NOTES & FRAMING PLAN	-
S-2	STRUCTURAL FRAMING PLANS	-
S-3	STRUCTURAL DETAILS	-
S-4	STRUCTURAL DETAILS	-
S-5	STRUCTURAL DETAILS	-
E-1	ELECTRICAL PLAN	-
E-2	ELECTRICAL FLOOR PLAN	-
E-3	GROUNDING PLAN & DETAILS	-
M-1	MECHANICAL PLAN & DETAILS	-

APPROVAL

RF
LEASING
ZONING
CONSTRUCTION
AT&T
ERICSSON

DESIGN CRITERIA

OCCUPANCY CATEGORY: II	WIND IMPORTANCE FACTOR: 1.0	SEISMIC COMPONENT IMPORTANCE FACTOR: 1.0
WIND EXPOSURE: B	WIND VELOCITY: 85MPH	MAXIMUM DESIGN PRESSURE: - PSF
SEISMIC SITE CLASS: D	DESIGN CATEGORY: E	S _{ps} : 1.274 S _q : 1.00 q _r : 1.0 R _p : 2.5

TESTS AND SPECIAL INSPECTIONS

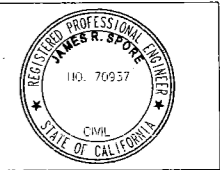
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PROVIDE COMPLETE TESTING AND INSPECTIONS IN ACCORDANCE WITH THE CBC, CHAPTER 17 AS NOTED BELOW:

1. POST INSTALLED ANCHORS IN ACCORDANCE WITH THE CURRENT ICC REPORTS FOR THE SPECIFIED ANCHORAGES.

Streamline Engineering
3288 Penryn Rd, Suisun, CA 94560
Contact: Kevin Sorenson Phone: 916-660-1930
E-Mail: kevin@streamlineeng.com Fax: 916-660-1941

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at&t

4430 ROSEWOOD DR BLDG 3, 6TH FLOOR
PLEASANTON, CA 94688

SHEET TITLE:

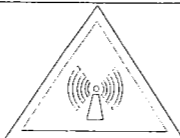
TITLE

SHEET NUMBER:

T-1

SIGNAGE AND STRIPING INFORMATION

1. THE FOLLOWING INFORMATION IS A GUIDELINE 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 GUIDELINE OR REGULATION SHALL BE FOLLOWED AND OVERRIDE THE LESSER.
2. THE PUBLIC LIMIT OF RF EXPOSURE ALLOWED BY AT&T IS 1mWcm² AND THE OCCUPATIONAL LIMIT OF RF EXPOSURE ALLOWED BY AT&T IS 5mWcm²
3. IF THE BOTTOM OF THE ANTENNA IS MOUNTED (8) EIGHT FEET ABOVE THE GROUND OR ROOF LINE OF THE PERSONAL COMMUNICATION SYSTEM (PCS) AND DOES NOT EXCEED THE PUBLIC LIMIT OF RF EXPOSURE LIMIT THEN NO STRIPING OR BARRICADES SHOULD BE NEEDED.
4. IF THE PUBLIC LIMIT OF RF EXPOSURE ON THE SITE IS EXCEEDED AND THE AREA IS PUBLICLY ACCESSIBLE (e.g. ROOF ACCESS DOOR CANNOT BE LOCKED OR THERE IS AN EXISTING FIRE EGRESS), THEN BOTH BARRICADES AND STRIPING WILL BE NEEDED AROUND THE ANTENNAS. THE EXACT EXTENT OF THE BARRICADES AND STRIPING WILL BE DETERMINED BY THE EMF REPORT FOR THE SITE DONE BEFORE OR SHORTLY AFTER THE CONSTRUCTION OF THE SITE. USE THE PLANS AS A GUIDELINE FOR PLACEMENT OF SUCH BARRICADES AND STRIPING.
5. IF THE PUBLIC LIMIT OF RF EXPOSURE ON THE SITE IS NOT EXCEEDED AND THE AREA IS NOT PUBLICLY ACCESSIBLE (e.g. ROOF ACCESS DOOR IS LOCKED), THEN JUST STRIPING OUT TO THE PUBLIC LIMIT WILL BE NEEDED AROUND THE ANTENNAS. THE EXACT EXTENT OF THE STRIPING WILL BE DETERMINED BY THE EMF REPORT FOR THE SITE DONE BEFORE OR SHORTLY AFTER THE CONSTRUCTION OF THE SITE. USE THE PLANS AS A GUIDELINE FOR PLACEMENT OF SUCH STRIPING.
6. ALL TRANSMIT ANTENNAS REQUIRE A (3) THREE LANGUAGE WARNING SIGN WRITTEN IN ENGLISH, SPANISH, AND CHINESE. THIS SIGN WILL BE PROVIDED TO THE CONTRACTOR BY THE 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 PLAIN SIGHT AND THE SMALLER SIGN SHALL BE PLACED ON THE ANTENNAS THEMSELVES OR ON THE OUTSIDE OF THE ANTENNA ENCLOSURES IN A MANNER THAT IS EASILY SEEN BY ANY PERSON ON THE ROOF. WARNING SIGNS SHALL COMPLY WITH ANSI C95.2 COLOR, SYMBOL, AND CONTENT CONVENTIONS. ALL SIGNS WILL HAVE 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.
7. 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.
8. ALL REQUIRED SIGNAGE WILL BE INSTALLED AS NEEDED AND FIELD VERIFIED.



NOTICE TO WORKERS

RADIO FREQUENCY ANTENNAS ON THIS ROOF. PLEASE EXERCISE CAUTION AROUND ANTENNAS AND OBEY POSTED SIGNS AND/OR MARKINGS. FOR ACCESS TO RESTRICTED AREAS OR FOR FURTHER INFORMATION, PLEASE CALL 1-800-832-6662 (SITE NUMBER: CC5211)

IN ACCORDANCE WITH FCC RULES 47 CFR 1.1310

AVISO A TRABAJADORES

EXISTEN ANTENAS DE RADIOFRECUENCIA EN ESTE TECHO. POR FAVOR USE PRECAUCION ALREDEDOR DE LAS ANTENAS Y OBEDEZCA A LAS ZONAS RESTRINGIDAS O PARA OBTENER MAS INFORMACION, LLAME AL TELEFONO 1-800-832-6662 (NUMERO DE SITIO: CC5211)

DE ACUERDO A LAS REGLAS DE FCC 47 CFR 1.1310

工作人員注意

此屋宇房頂有新頻天線裝置
在天線範圍四周務請小心,並遵照各已張貼之指示
及/或標識行事
如需進入禁區範圍或索取更多資料
請致電 1-800-832-6662 此站區號: (CC5211)


依據 FCC 條例第 47 CFR 1.1310 號執行

NOTES:

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

1 MULTI-LANGUAGE SIGN

NOTICE



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


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

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


SITE NO. CC5211

2 TYPICAL CAUTION SIGN

NOTE: SIGN TO BE PERMANENTLY MOUNTED AT ANTENNA LOCATIONS.



NOTICE

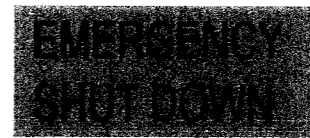


GUIDELINES FOR WORKING IN RADIO FREQUENCY ENVIRONMENTS

- All personnel should have electromagnetic energy (EME) awareness training.
- All personnel entering this site must be authorized. Obey all posted signs.
- 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.
- Never operate transmitters without shields during normal operation.
- Do not operate base station antennas in equipment rooms.

3 TYPICAL CAUTION SIGN

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



FOR IMMEDIATE SHUT DOWN OF ALL RADIO FREQUENCY EMISSIONS OF THIS SITE,

- 1) CALL CONTACT NUMBER AND GIVE SITE IDENTIFICATION NO.
CONTACT PHONE NUMBER: 1-800-832-6662
SITE IDENTIFICATION NUMBER: CC5211
- 2) DISCONNECT POWER AT MAIN SERVICE DISCONNECT:
(CONTRACTOR TO SUBMIT PROPOSED WRITTEN DIRECTIONS FOR EACH OF (5) SIGNS TO PROJECT CONSTRUCTION MANAGER FOR APPROVAL PRIOR TO ORDERING SIGNS)
- 3) DISCONNECT BACK-UP POWER AT BATTERY DISCONNECT:
(CONTRACTOR TO SUBMIT PROPOSED WRITTEN DIRECTIONS FOR EACH OF (5) SIGNS TO PROJECT CONSTRUCTION MANAGER FOR APPROVAL PRIOR TO ORDERING SIGNS)

SIGN SHALL BE A PHENOLIC LABEL WITH WHITE BACKGROUND AND BLACK LETTERING. THE TITLE BLOCK SHALL BE A RED BACKGROUND AND 1" HIGH WHITE LETTERING.

4 TYPICAL DISCONNECT SIGN

NOTE: SIGN TO BE PERMANENTLY MOUNTED AT THE FOLLOWING LOCATIONS:

- 1) CELL SITE EQUIPMENT ROOM DOOR
- 2) BATTERY LOCATION WITHIN PROXIMITY OF BATTERY DISCONNECT
- 3) FCC (FIRE CONTROL CENTER) ROOM WITHIN PROXIMITY OF THE FIRE ALARM PANEL
- 4) BUILDING'S MAIN ELECTRICAL ROOM WITHIN PROXIMITY OF THE MAIN SHUTOFF
- 5) THE CELL SITE MAIN ELECTRICAL DISCONNECT

33RD AVE & NORIEGA ST

CC5211
2545 NORIEGA ST
SAN FRANCISCO, CA 94112

ISSUE STATUS

Δ	DATE	DESCRIPTION	M.F.
	01/03/12	CD 90%	M.F.
	03/09/12	CLIENT REV	C.C.
	06/06/12	CLIENT REV	P.V.
	-	-	-
	-	-	-

DRAWN BY: C. CODY

CHECKED BY: J. GRAY


APPROVED BY: K. SORENSEN

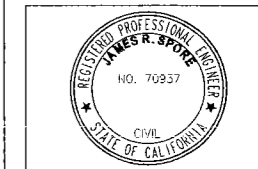
DATE: 06/06/12

Streamline Engineering

3288 Penny Rd, Suite 200 Loomis, CA 95650
Contact: Kevin Sorensen Phone: 916-860-1830
E-Mail: kevin@streamlineeng.com Fax: 916-860-1941

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4430 ROSEWOOD DR BLDG 3, 6TH FLOOR
PLEASANTON, CA 94588

SHEET TITLE:

SIGNAGE DETAILS

SHEET NUMBER:

T-3

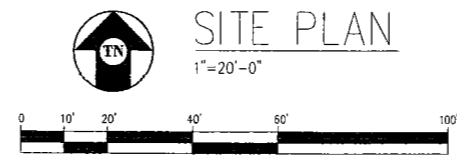
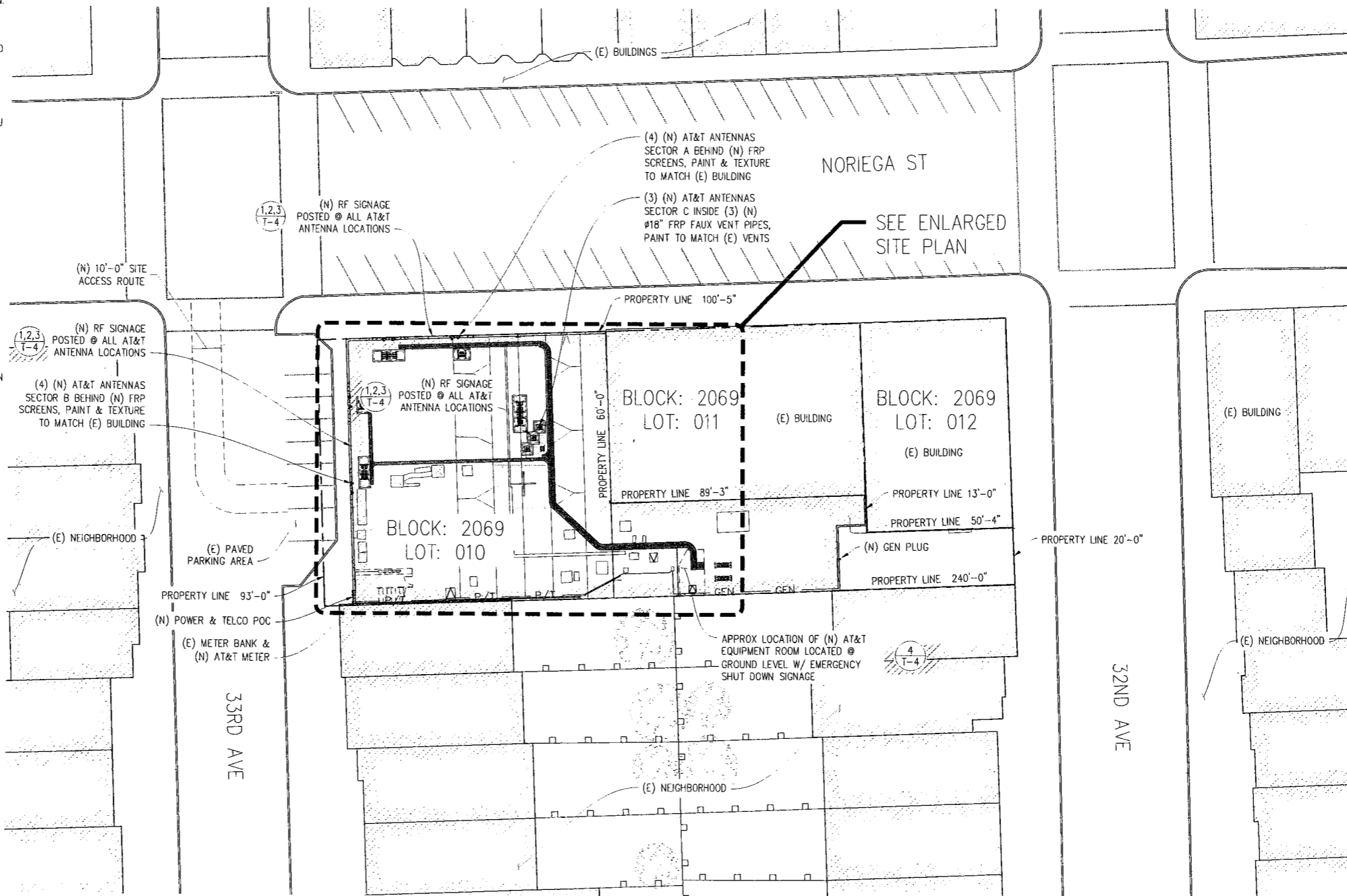
PROJECT GENERAL NOTES

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

PROPOSED BATTERIES

BATTERY TYPE:	MARATHON M12V155FT		
NUMBER OF UNITS W/BATTERIES:	16		
NUMBER OF BATTERIES:	16		
MATERIAL:	ELECTROLYTE	VOLUME: 2.17 GALLONS	BATTERY TOTAL: 34.72 GALLONS
MATERIAL:	ACID	VOLUME: 2.46 LBS	BATTERY TOTAL: 39.36 LBS
MATERIAL:	LEAD	WEIGHT: 81.0 LBS	BATTERY TOTAL: 1,296 LBS

NOTE: A SEPARATE PERMIT SHALL BE REQUIRED FROM S.F.F.D. IF BATTERY ELECTROLYTE EXCEEDS 50 GALLONS



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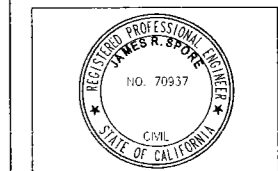
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	-	-	-

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CHECKED BY: J. GRAY
APPROVED BY: K. SORENSEN
DATE: 06/06/12

Streamline Engineering and Design, Inc.
3288 Pennyn Rd, Suite 200 Locmit, CA 95660
Contact: Kevin Sorenson Phone: 916-860-1930
E-Mail: kevin@streamlineeng.com Fax: 916-860-1941

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SHEET TITLE:
SITE PLAN

SHEET NUMBER:
A-1

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&
NORIEGA ST**

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SAN FRANCISCO, CA 94122

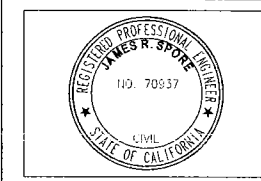
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DRAWN BY: C. CODY
CHECKED BY: J. GRAY
APPROVED BY: K. SORENSEN
DATE: 06/06/12

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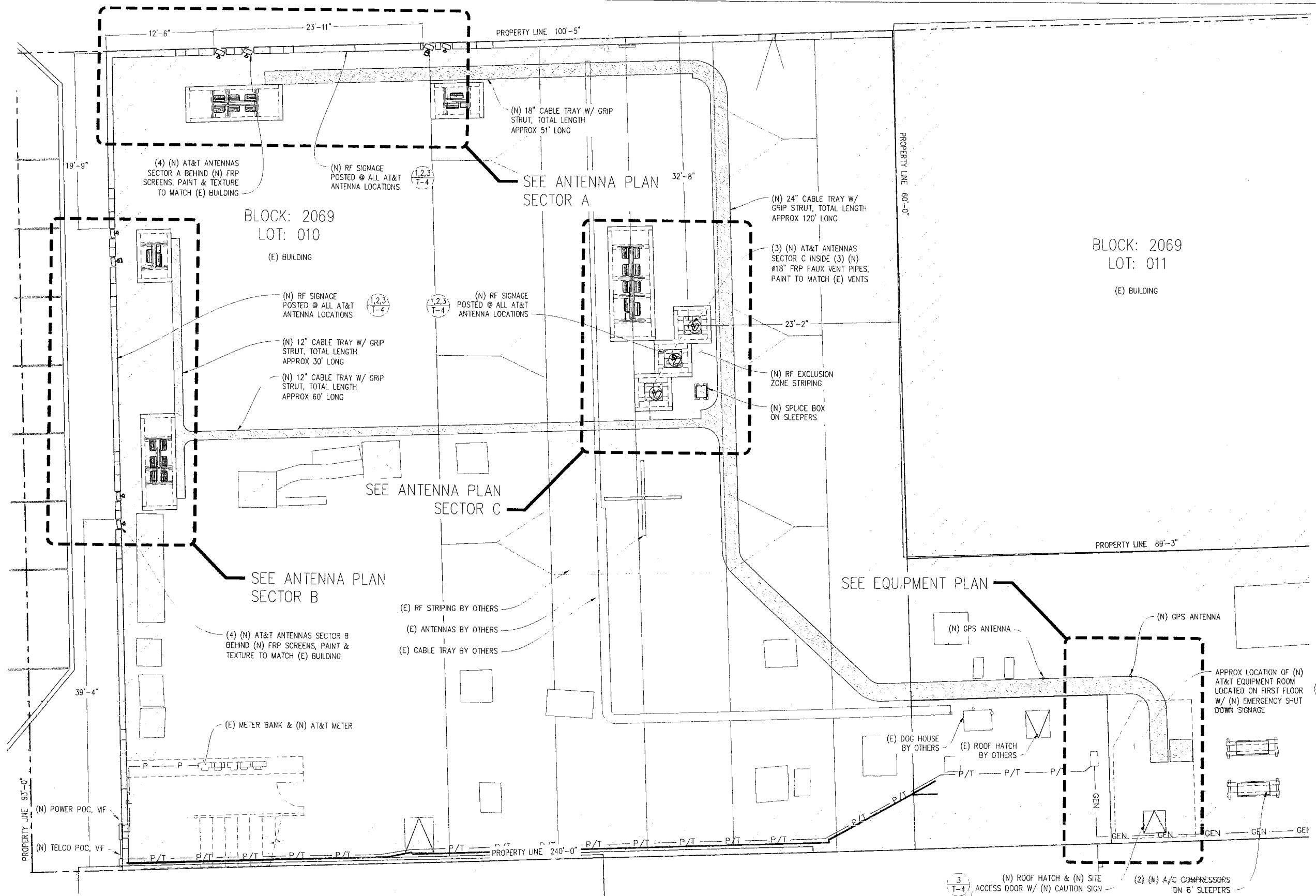
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SHEET TITLE:
ENLARGED SITE PLAN
SHEET NUMBER:
A-2



ENLARGED SITE PLAN
1"=5'-0"

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&
NORIEGA ST**

CC5211
2543 NORIEGA ST
SAN FRANCISCO, CA 94122

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	06/06/12	CLIENT REV	P.V.
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	-	-	-

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CHECKED BY: J. GRAY
APPROVED BY: K. SORENSEN
DATE: 06/06/12

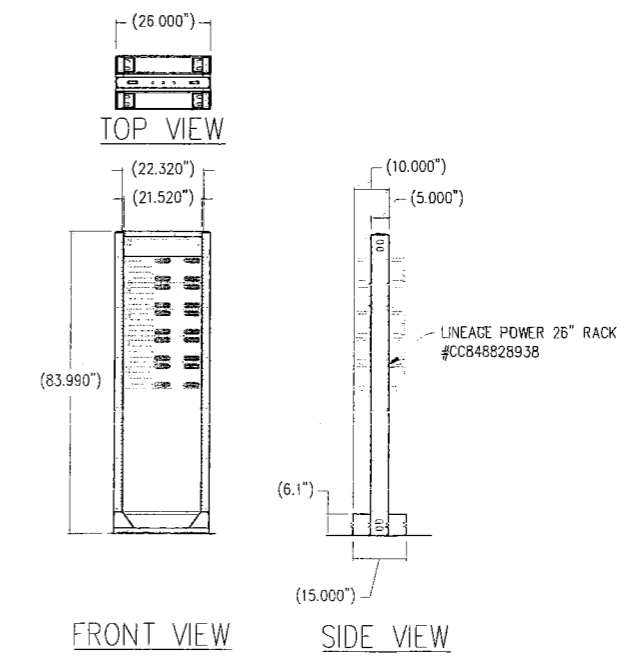
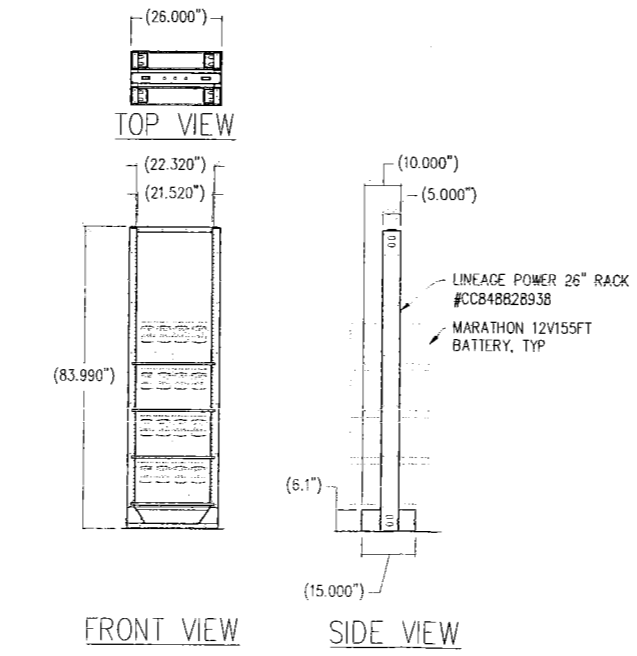
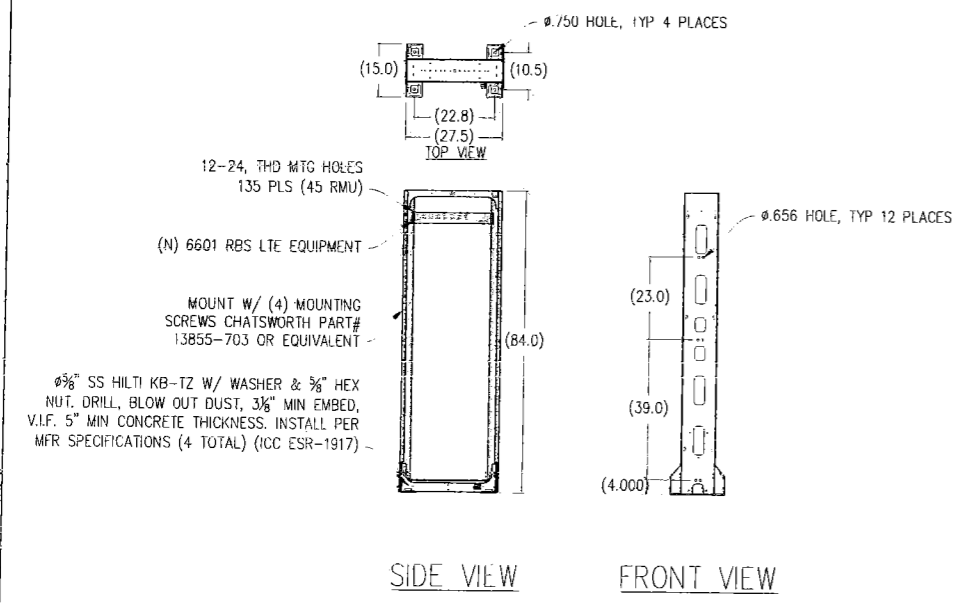
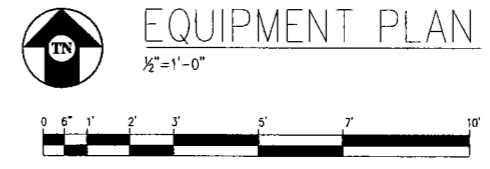
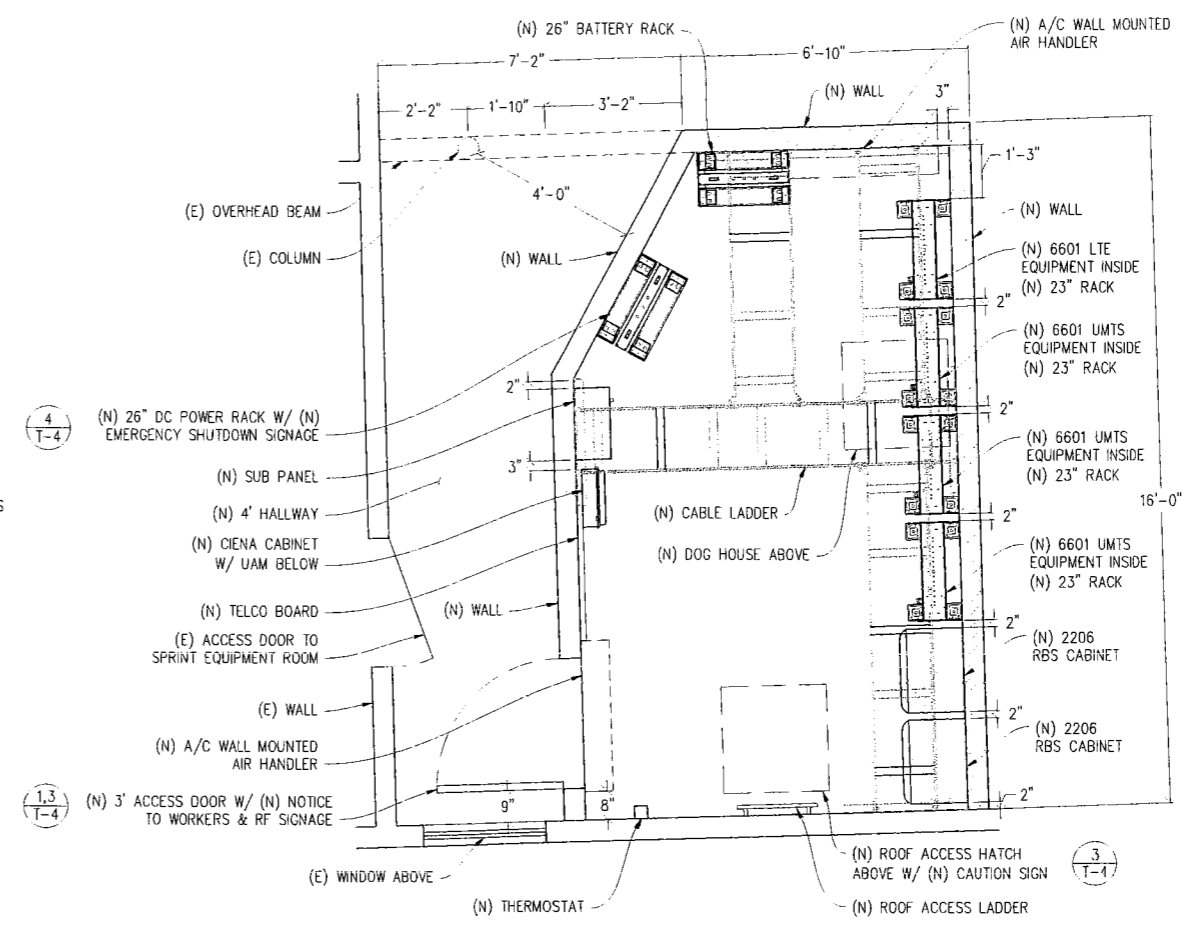
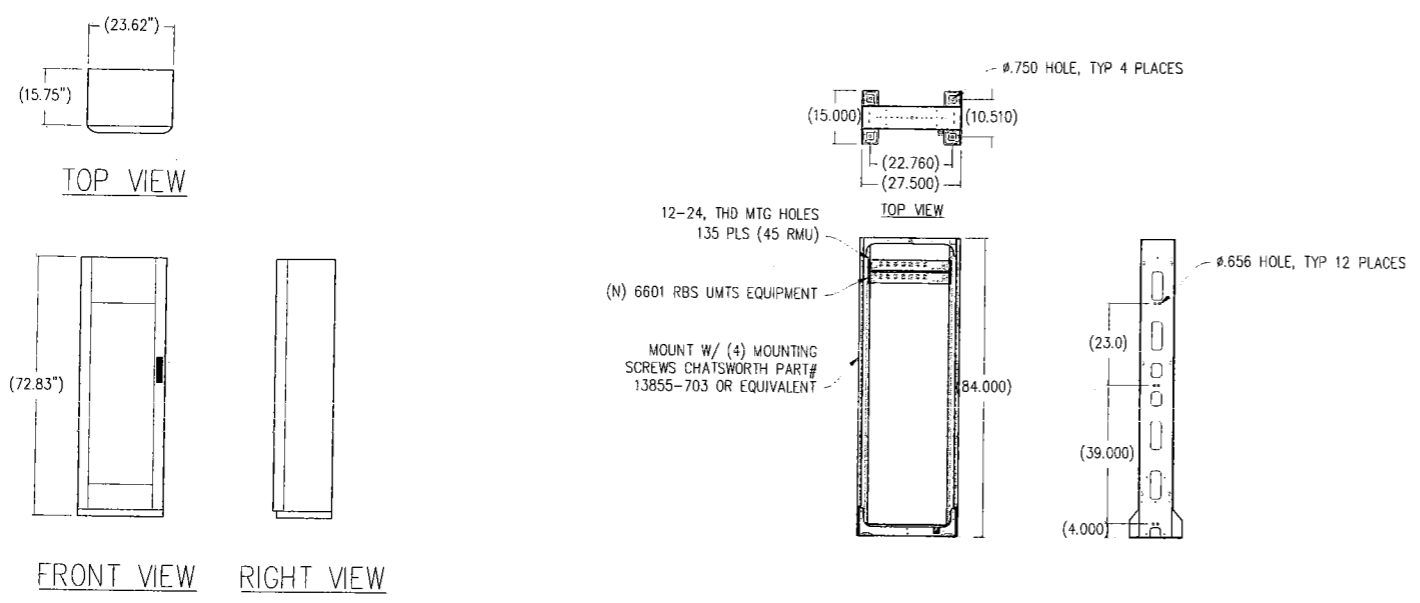
Streamline Engineering
3268 Pennyn Rd, Suite 200, Loomis, CA 95680
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E-Mail: kevin@streamlineeng.com Fax: 916-860-1941

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SHEET TITLE:
EQUIPMENT PLAN
& DETAILS
SHEET NUMBER:
A-3



33RD AVE
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NORIEGA ST

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2543 NORIEGA ST
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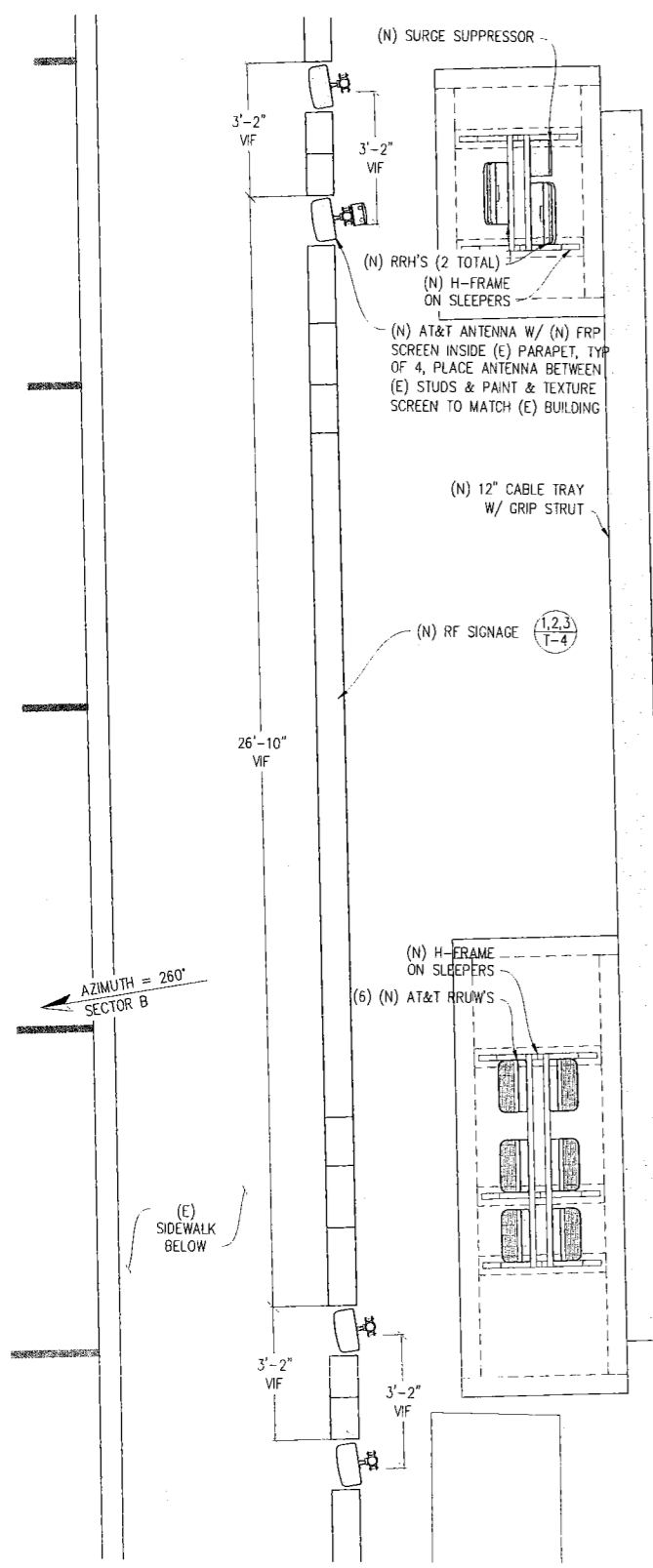
Streamline Engineering and Design, Inc.
3288 Pennyn Rd, Suite 200, Loomis, CA 95650
Contact: Kevin Sorensen, Phone: 916-660-1930
E-Mail: kevin@streamlineeng.com, Fax: 916-660-1941

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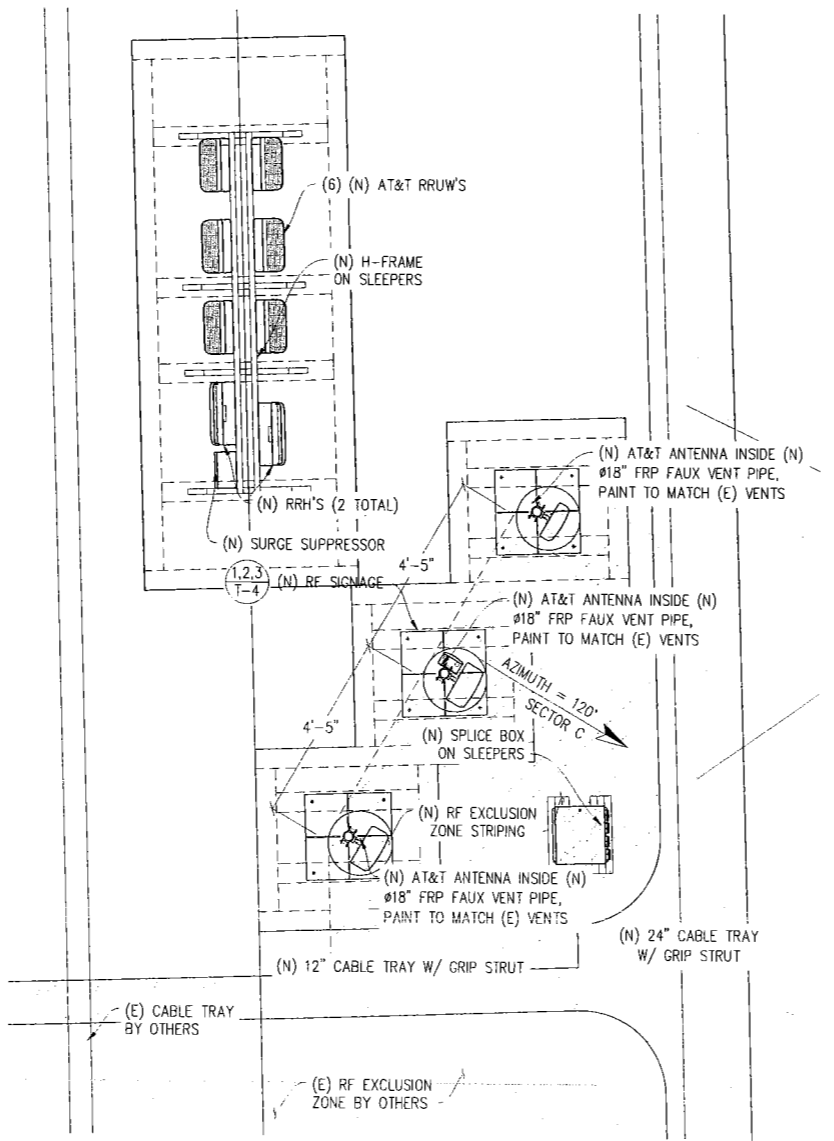
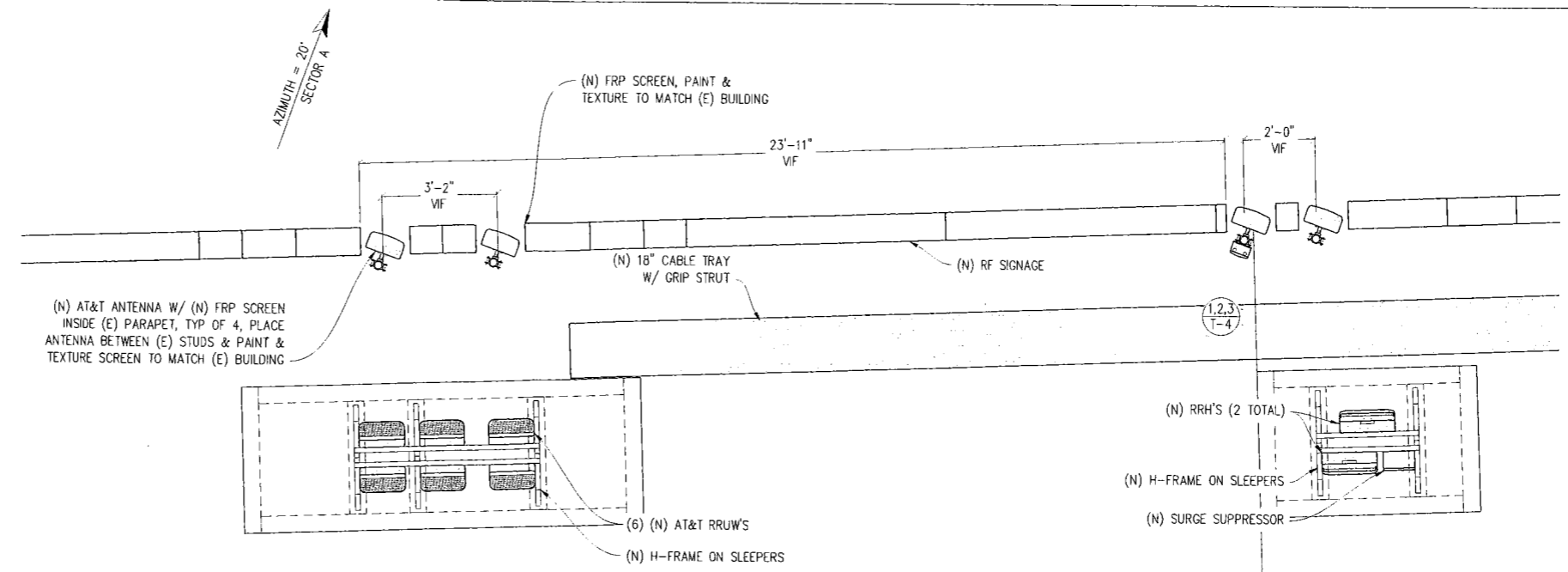


at&t
4430 ROSEWOOD DR BLDG 3, 6TH FLOOR
PLEASANTON, CA 94588

SHEET TITLE:
ANTENNA PLANS & DETAILS
SHEET NUMBER:
A-4

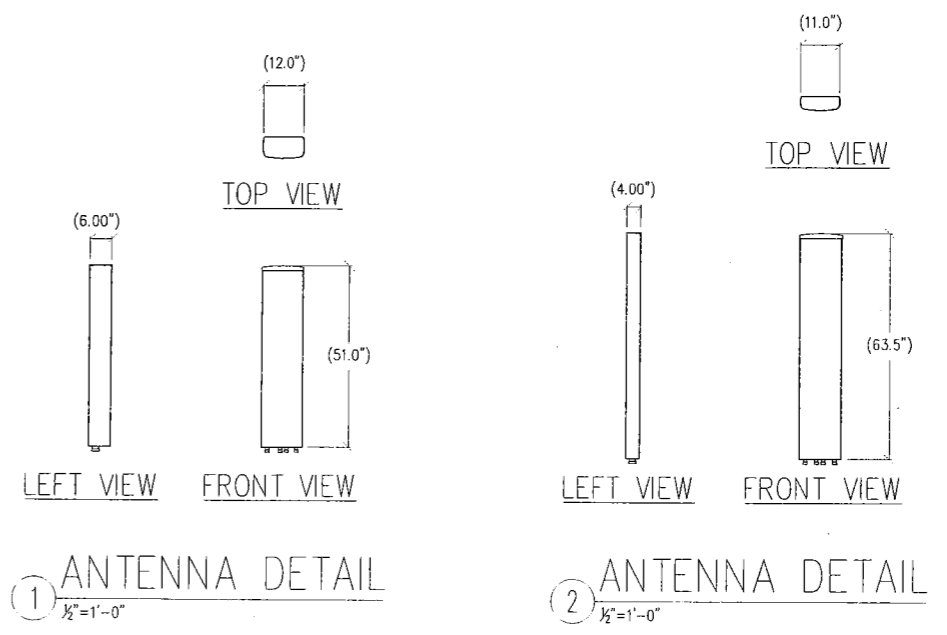


ANTENNA PLAN SECTOR B
1/2" = 1'-0"



ANTENNA PLAN SECTOR C
1/2" = 1'-0"

ANTENNA PLAN SECTOR A
1/2" = 1'-0"



1 ANTENNA DETAIL
1/2" = 1'-0"

2 ANTENNA DETAIL
1/2" = 1'-0"

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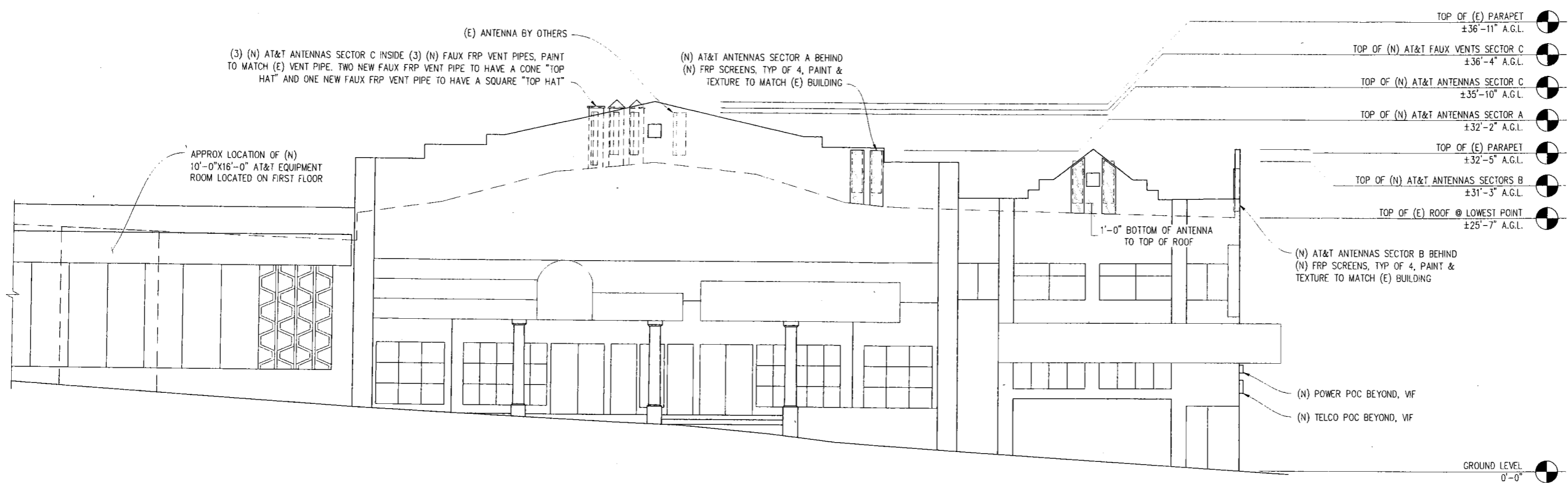
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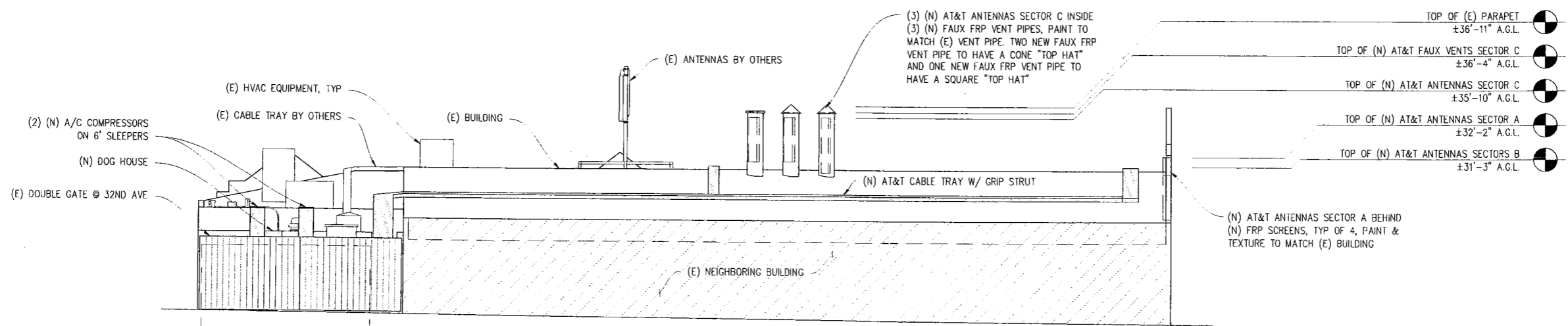
4430 ROSEWOOD DR BLDG 3, 6TH FLOOR
PLEASANTON, CA 94588

SHEET TITLE:
ELEVATIONS
SHEET NUMBER:
A-5



NORTH ELEVATION
1/16" = 1'-0"

VIEW FROM NORIEGA ST



EAST ELEVATION
1/16" = 1'-0"

VIEW FROM 32ND AVE

**33RD AVE
&
NORIEGA ST**

CC5211
2543 NORIEGA ST
SAN FRANCISCO, CA 94122

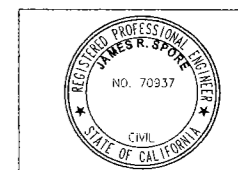
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	-	-	-
	-	-	-

DRAWN BY: C. CODY
CHECKED BY: J. GRAY
APPROVED BY: K. SORENSEN
DATE: 06/06/12

Streamline Engineering and Design, Inc.
3288 Perry Rd, Suite 200 Loomis, CA 95650
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E-Mail: kevin@streamlineeng.com Fax: 916-660-1941

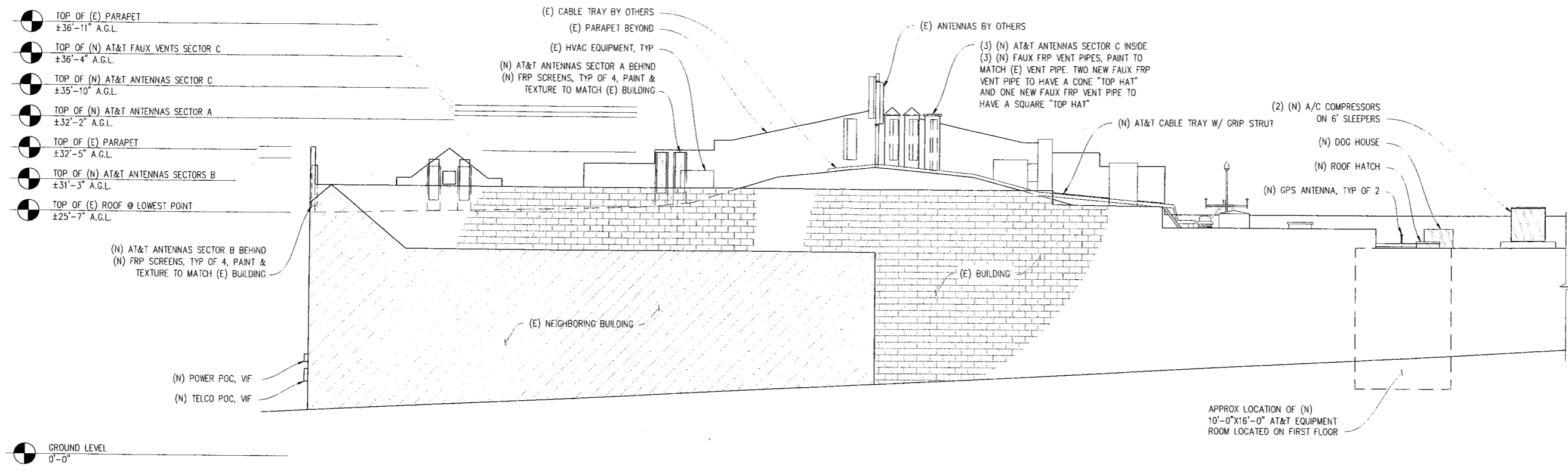
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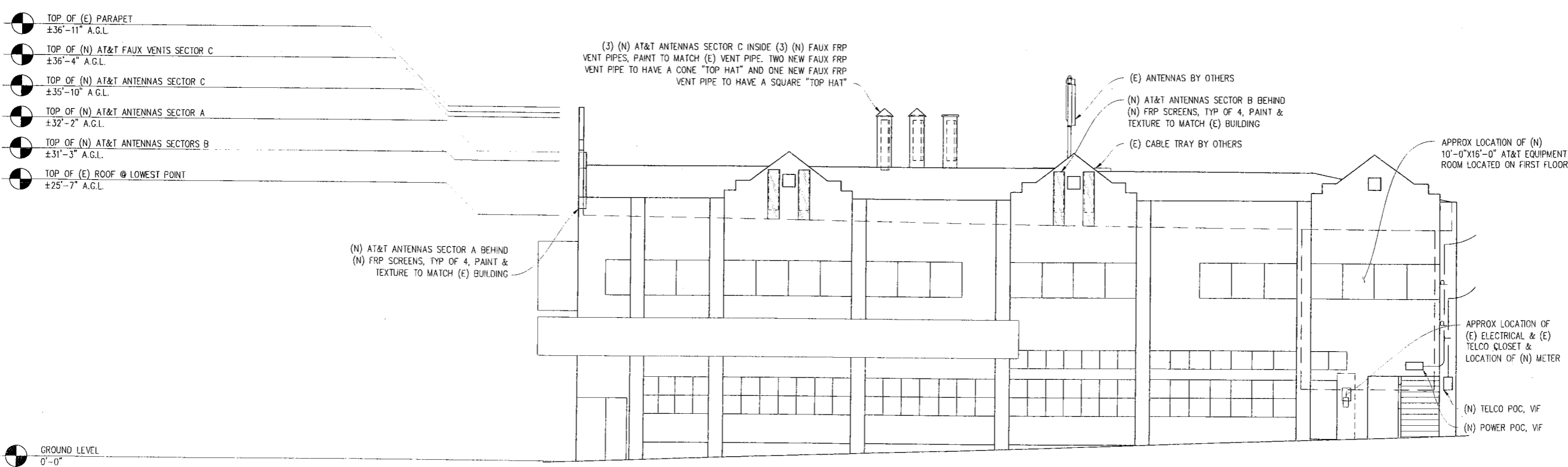
4430 ROSEWOOD DR BLDG 3, 6TH FLOOR
PLEASANTON, CA 94588

SHEET TITLE:
ELEVATIONS
SHEET NUMBER:
A-6



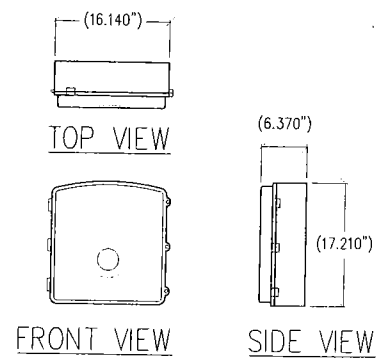
SOUTH ELEVATION
3/16" = 1'-0"

VIEW FROM ORTEGA ST

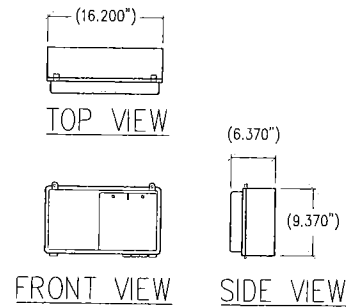


WEST ELEVATION
3/16" = 1'-0"

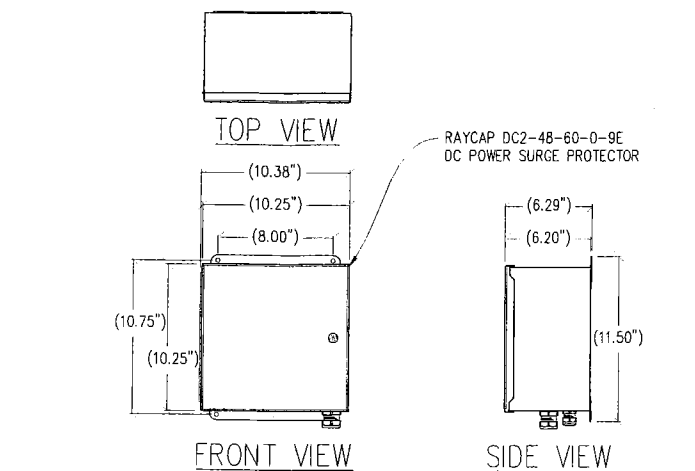
VIEW FROM 33RD AVE



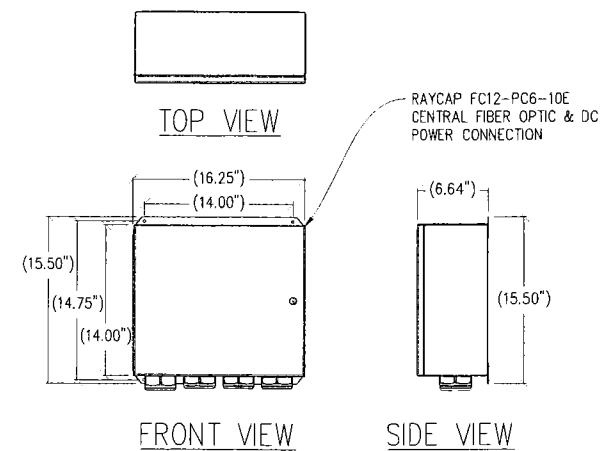
1 CN 3911 DETAIL
1"=1'-0"



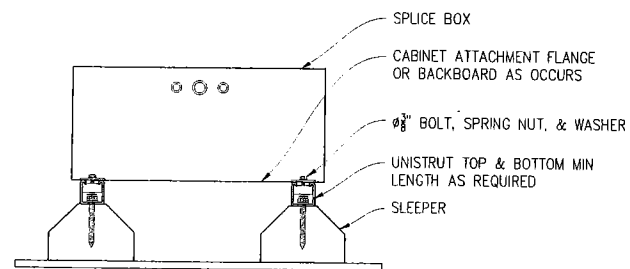
2 UAM DETAIL
1"=1'-0"



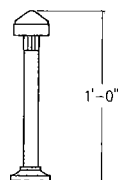
3 DC SURGE SUPPRESSION DETAIL
1"=6"



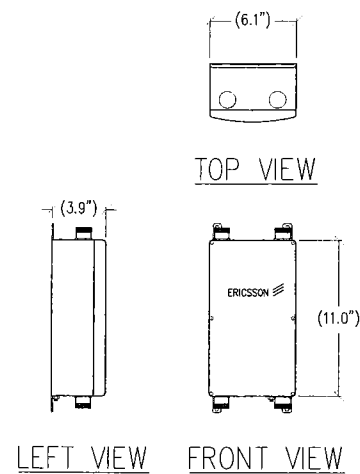
4 SPLICE BOX DETAIL
1/2"=1'-0"



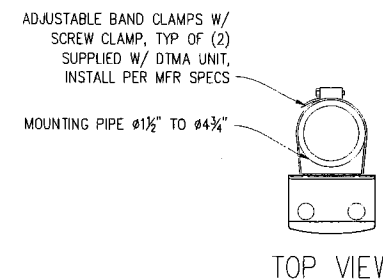
5 CABINET ON SLEEPER MOUNT DETAIL
1"=6"



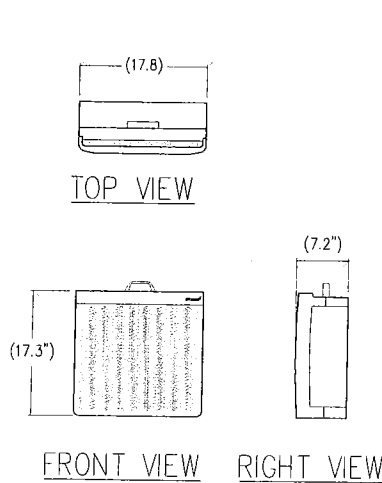
6 GPS DETAIL
1"=6"



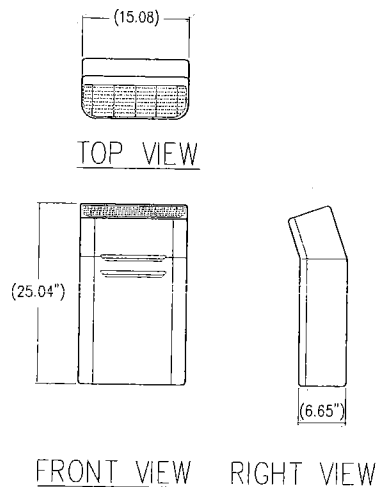
7 DTMA DETAIL
1"=6"



8 DTMA MOUNTING DETAIL
1"=6"



9 RRH DETAIL
1"=1'-0"
ERICSSON RRUS-11



10 RRUW DETAIL
1"=1'-0"

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DRAWN BY: C. CODY

CHECKED BY: J. GRAY

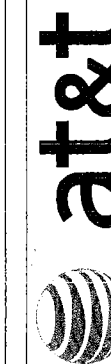
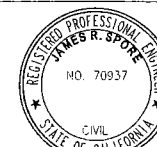
APPROVED BY: K. SORENSEN

DATE: 06/06/12

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and Design, Inc.

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Contact: Kevin Sorensen, Phone: 916-660-1930
E-Mail: kevin@streamlineeng.com Fax: 916-660-1941

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4430 ROSEWOOD DR BLDG 3, 6TH FLOOR
PLEASANTON, CA 94588

SHEET TITLE:

DETAILS

SHEET NUMBER:

A-7

33RD AVE
&
NORIEGA ST

CC5211
2543 NORIEGA ST
SAN FRANCISCO, CA 94122

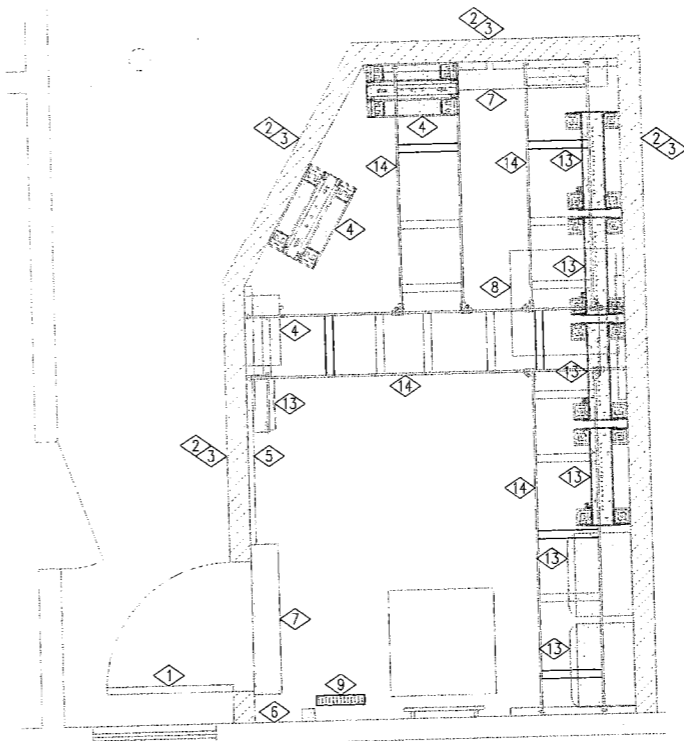
ISSUE STATUS

Δ	DATE	DESCRIPTION	BY
	01/03/12	CD 90%	M.F.
	03/09/12	CLIENT REV	C.C.
	06/06/12	CLIENT REV	P.V.
	-	-	-
	-	-	-

DRAWN BY: C. CODY
CHECKED BY: J. GRAY
APPROVED BY: K. SORENSEN
DATE: 06/06/12

KEYED CONSTRUCTION NOTES

- 1 NEW 3'-0"x7'-0"x1 3/4" 16 GA. (1 HR.) HOLLOW METAL DOOR & FRAME. REINFORCE HOLLOW METAL UNIT TO RECEIVE HARDWARE. PROVIDE FULLY WELDED STANDARD HOLLOW METAL FRAME. WELD EXPOSED JOINTS CONTINUOUSLY, GRIND, DRESS, & MAKE SMOOTH, FLUSH, & INVISIBLE. PREPARE FRAME TO RECEIVE MORTISED & CONCEALED FINISH HARDWARE. DOOR & FRAME MANUFACTURER: STEELCRAFT, DIVISION OF AMERICAN STANDARD CO. OR APPROVED EQUAL. FINISH: DOOR & FRAME SHALL BE FACTORY PRIMED. IN FIELD, TOUCH UP WITH ONE COAT SINCLAIR 15 CHROME OXIDE METAL PRIMER AS REQUIRED. PAINT 2 COATS SINCLAIR 7500 SINTEC ENAMEL, MDF 1-2 MILS PER COAT. HARDWARE: 1 1/2" PAIR BUTTS FBB NRP US26D 4 1/2"x4 1/2" STANLEY, 1 CLOSER 4040-AL LCN, 1 BEST 82T/83T DEADBOLT (E2151-181K) BROWN CORE, 1 DOOR DROP SEAL 430CR PEMKO, 1 WALLSTOP WC-9 US32D BUILDERS BRASS WORKS, 2 PULL PLATES - NO. 400A 050 PLATE (J405A) NOTE: THE DOOR IS EQUIPPED WITH A LOCKING DEVICE WHICH MAY BE OPENED FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE.
- 2 WALL FINISH: (NEW INFILL PARTITION BOTH SIDES). DRYWALL (1) LAYER: APPLY JOINT TAPE & JOINT COMPOUND AT JOINTS (BOTH DIRECTIONS). APPLY COMPOUND AT ACCESSORY FLANGES, PENETRATIONS, FASTENERS HEADS & SURFACE DEFECTS. INSTALL COMPOUND IN 3 COATS, SAND AFTER LAST 2 COATS. DRYWALL TEXTURE: ROLLER SMOOTH. PAINT: VARIETEX SANDSTONE PANELING. COLOR = ALMOND BREEZE, COMPLETE W/ CORNER & EDGE MOLDINGS. INSTALLED PER WWW.CRANECOMPOSITES.COM INSTALLATION GUIDE.
- 3 NEW GYP. BD. PARTITION W/ 400S200-33 METAL STUDS AT 16" OC W/ DOUBLE LAYER 5/8" TYPE "X" GYPSUM BOARD PER NOTE 2 OR 15 W/ SEMI RIGID MINERAL FIBER INSULATION (R-11). FS HH-1-521. TYPE I.
- 4 NEW ELECTRICAL EQUIPMENT: REFER TO ELECTRICAL DRAWINGS & EQUIPMENT PLAN
- 5 TELEPHONE BACKBOARD: 3'x4'x 3/4" TYPE C-C PLYWOOD. MOUNT WITH TOP AT 7'-6" A.F.F. COVER WITH 1 COAT ALKYD PRIMER, THEN USE FLAT FIRE PAINT, FLAMECRETE NO. 505, SEMI-GLOSS OCEAN NO. 3000; OVERCOAT EGGSHELL TINT TO MATCH WALLS.
- 6 INSTALL HAND HELD FIRE EXTINGUISHER, DRY TYPE, 10A 2BC
- 7 AIR HANDLERS: SEE MECHANICAL DRAWINGS. AIR CONDITIONING USED IN THE RADIO EQUIPMENT ROOM IS NOT INTENDED FOR HUMAN COMFORT, BUT IS TO COOL ELECTRONIC EQUIPMENT.
- 8 CEILING PASS-THROUGH: SEE DETAIL SHEET WAVEGUIDE & INSTALLATION BY CONTRACTOR.
- 9 GROUND BUSS: SEE GROUNDING PLAN
- 13 NEW RADIO ROOM EQUIPMENT
- 14 OVERHEAD CABLE LADDER, SEE DETAILS



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at&t

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PLEASANTON, CA 94688

SHEET TITLE:
ROOM IMPROVEMENT
PLAN

SHEET NUMBER:
A-8