



SAN FRANCISCO PLANNING DEPARTMENT

Executive Summary Conditional Use Authorization

HEARING DATE: JANUARY 10, 2013

Date: January 3, 2013
Case No.: **2011.1368C**
Project Address: **2121 19th Avenue**
Current Zoning: RH-2 (Residential – House, Two-Family) District
Scenic Streets SSD
40-X Height and Bulk District
Block/Lot: 2198/033
Project Sponsor: AT&T Mobility represented by
Corey Alvin, KDI Planning
100 Clement Street, 3rd Floor
San Francisco, CA 94108
Staff Contact: Michelle Stahlhut – (415) 575-9116
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PROJECT DESCRIPTION

The proposal is to install a macro wireless telecommunications service (“WTS”) facility consisting of a maximum of nine panel antennas located on the rooftop of the subject building along with equipment that would be located within a ground floor storage area as part of AT&T Mobility’s telecommunications network. Based on the zoning, the antennas are proposed on a Location Preference 7 Site (Disfavored Location Site) according to the WTS Siting Guidelines. The proposed antennas would measure a maximum of 55” high by 12” wide by 6” thick. All nine antennas would be mounted on the roof of the building behind a radiofrequency transparent screen, with a maximum height of 36’8” above grade.

SITE DESCRIPTION AND PRESENT USE

The building is located on Assessor’s Block 2198, Lot 033 on the west side of 19th Avenue between Quintara and Rivera Streets. This site is within an RH-2 (Residential – House, Two-Family) Zoning District and a 40-X Height and Bulk District. The Project Site contains two two-story commercial buildings separated by a driveway. The subject building is the northernmost building, on a lot with approximately 114 feet of frontage on 19th Avenue. The southern building contains two previously approved antenna facilities. The northern building was previously approved as an equipment site for the approved WTS installations on the southern building; however the equipment was never installed.

SURROUNDING PROPERTIES AND NEIGHBORHOOD

Nearby land uses include two-family residential homes to the east, a parking lot and vacant lot to the north that is used seasonally as a Christmas tree lot, single-family residential homes to the west, and a similarly constructed commercial building to the south containing an existing antenna facility by two other carriers. 19th Avenue is a Scenic Streets SSD and is part of California State Highway 1.

ENVIRONMENTAL REVIEW

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

HEARING NOTIFICATION

TYPE	REQUIRED PERIOD	REQUIRED NOTICE DATE	ACTUAL NOTICE DATE	ACTUAL PERIOD
Classified News Ad	20 days	December 20, 2012	December 20, 2012	20 days
Posted Notice	20 days	December 20, 2012	December 20, 2012	20 days
Mailed Notice	20 days	December 20, 2012	December 20, 2012	20 days

PUBLIC COMMENT

As of January 3, 2013, the Department has received two e-mails and a petition with 121 signatures stating strong disagreement with AT&T building antennas on top of 2121 19th Avenue.

ISSUES AND OTHER CONSIDERATIONS

- Health and safety aspects of all wireless projects are reviewed under the Department of Public Health and the Department of Building Inspections.
- An updated Five Year Plan with approximate longitudinal and latitudinal coordinates of proposed locations, including the subject site is on file with the Planning Department.
- All required public notifications were conducted in compliance with the City's code and policies.

REQUIRED COMMISSION ACTION

Pursuant to Section 209.6(b) of the Planning Code, Conditional Use authorization is required for a WTS facility in RH-2 Districts.

BASIS FOR RECOMMENDATION

This project is necessary and/or desirable under Section 303 of the Planning Code for the following reasons:

- The project complies with the applicable requirements of the Planning Code.
- The project is consistent with the objectives and policies of the General Plan.
- The Project is consistent with the 1996 WTS Facilities Siting Guidelines, Planning Commission Resolution No. 14182 and Resolutions No. 16539 and No. 18523 supplementing the 1996 WTS Guidelines.
- The project site is considered a Location Preference 7, (RH-2 (Residential, Two-Family Zoning District) according to the Wireless Telecommunications Services (WTS) Siting Guidelines.
- Health and safety aspects of all wireless projects are reviewed under the Department of Public Health and the Department of Building Inspections.

- The expected RF emissions fall well within the limits established by the FCC.
- Although the project site is considered a Location Preference 7, (Disfavored Site) according to the Wireless Telecommunications Services (WTS) Siting Guidelines, the subject site has been determined to be the most viable site to serve the geographic service area through an alternative site analysis.
- Based on propagation maps provided by AT&T Mobility, the project will provide coverage in an area that currently experiences several gaps in coverage and capacity.
- Based on the analysis provided by AT&T Mobility, the project will provide additional capacity in an area that currently experiences insufficient service during periods of high data usage.
- Based on independent third-party evaluation, the maps, data, and conclusions about service coverage and capacity provided by AT&T Mobility are accurate.
- The proposed antennas will be minimally visible when viewed from adjacent rights-of-way and points further away so as to avoid intrusion into public vistas, avoid disruption of the architectural integrity of building and insure harmony with neighborhood character.
- The proposed project has been reviewed by staff and found to be categorically exempt from further environmental review. The proposed changes to the subject building do not result in a significant impact on the resource. The proposed antenna project is categorically exempt from further environmental review pursuant to the Class 3 exemptions of California Environmental Quality Act.
- A Five Year Plan with approximate longitudinal and latitudinal coordinates of proposed locations, including the subject site, was submitted.
- All required public notifications were conducted in compliance with the City's code and policies.

RECOMMENDATION: Approval with Conditions

- | | |
|---|---|
| <input checked="" type="checkbox"/> Executive Summary | <input checked="" type="checkbox"/> Project sponsor submittal |
| <input checked="" type="checkbox"/> Draft Motion | Drawings: <u>Proposed Project</u> |
| <input checked="" type="checkbox"/> Zoning District Map | <input checked="" type="checkbox"/> Check for legibility |
| <input type="checkbox"/> Height & Bulk Map | <input checked="" type="checkbox"/> Photo Simulations |
| <input checked="" type="checkbox"/> Parcel Map | <input checked="" type="checkbox"/> Coverage Maps |
| <input checked="" type="checkbox"/> Sanborn Map | <input checked="" type="checkbox"/> RF Report |
| <input checked="" type="checkbox"/> Aerial Photo | <input checked="" type="checkbox"/> DPH Approval |
| <input checked="" type="checkbox"/> Context Photos | <input checked="" type="checkbox"/> Community Outreach Report |
| <input checked="" type="checkbox"/> Site Photos | <input checked="" type="checkbox"/> Independent Evaluation |

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



SAN FRANCISCO PLANNING DEPARTMENT

Subject to: (Select only if applicable)

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

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Planning Commission Motion No. XXXX

HEARING DATE: JANUARY 10, 2013

Date: January 3, 2013
Case No.: **2011.1368C**
Project Address: **2121 19th Avenue**
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ADOPTING FINDINGS RELATING TO THE APPROVAL OF A CONDITIONAL USE AUTHORIZATION UNDER PLANNING CODE SECTION 303(c) and 209.6(b) TO INSTALL A WIRELESS TELECOMMUNICATIONS SERVICES FACILITY CONSISTING OF UP TO NINE PANEL ANTENNAS LOCATED ON THE ROOFTOP OF AN EXISTING COMMERCIAL BUILDING ALONG WITH EQUIPMENT LOCATED WITHIN A GROUND FLOOR STORAGE AREA AS PART OF AT&T'S WIRELESS TELECOMMUNICATIONS NETWORK WITHIN AN RH-2 (RESIDENTIAL – HOUSE, TWO-FAMILY) ZONING DISTRICT, SCENIC STREETS SSD, AND A 40-X HEIGHT AND BULK DISTRICT.

PREAMBLE

On December 7, 2011, AT&T Mobility (hereinafter "Project Sponsor"), made an application (hereinafter "Application"), for Conditional Use Authorization on the property at 2121 19th Avenue, Lot 033 in Assessor's Block 2198, (hereinafter "Project Site") to install a wireless telecommunications service facility consisting of up to nine panel antennas located on the rooftop of an existing commercial building along with associated equipment located within a ground floor storage area as part of AT&T's wireless telecommunications network within the RH-2 (Residential – House, Two-Family) Zoning District and an 40-X Height and Bulk District.

The Project is exempt from the California Environmental Quality Act ("CEQA") as a Class 3 Categorical Exemption (Section 15303 of the California Environmental Quality Act). The Planning 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 January 10, 2013, the San Francisco Planning Commission (hereinafter "Commission") conducted a duly noticed public hearing at a regularly scheduled meeting on the application for a Conditional Use authorization.

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

MOVED, that the Commission hereby authorizes the Conditional Use in Application No. 2011.1368C, 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 building is located on Assessor's Block 2198, Lot 033 on the west side of 19th Avenue between Quintara and Rivera Streets. This site is within an RH-2 (Residential – House, Two-Family) Zoning District and a 40-X Height and Bulk District. The Project Site contains two two-story commercial buildings separated by a driveway. The subject building is the northernmost building, on a lot with approximately 114 feet of frontage on 19th Avenue. The southern building contains two previously approved antenna facilities. The northern building was previously approved as an equipment site for the approved WTS installations on the southern building; however the equipment was never installed.
3. **Surrounding Properties and Neighborhood.** Nearby land uses include two-family residential homes to the east, a parking lot and vacant lot to the north that is used seasonally as a Christmas tree lot, single-family residential homes to the west, and a similarly constructed commercial building to the south containing an existing antenna facility by two other carriers. 19th Avenue is a Scenic Streets SSD and is part of California State Highway 1.
4. **Project Description.** The proposal is to install a macro wireless telecommunications service ("WTS") facility consisting of a maximum of nine panel antennas located on the rooftop of the subject building along with equipment that would be located within a ground floor storage area as part of AT&T Mobility's telecommunications network. Based on the zoning, the antennas are proposed on a Location Preference 7 Site (Disfavored Location Site) according to the WTS Siting Guidelines. The proposed antennas would measure a maximum of 55" high by 12" wide by 6"

thick. All nine antennas would be mounted on the roof of the building behind a radiofrequency transparent screen, with a maximum height of 36'8" above grade.

5. **Past History and Actions.** The Planning Commission adopted the Wireless Telecommunications Guidelines for the installation of Wireless Telecommunications Facilities in 1996 (hereinafter known as "Guidelines"). These Guidelines set forth the land use policies and practices that guide the installation and approval of wireless facilities throughout San Francisco. A large portion of the Guidelines was dedicated to establishing location preferences for these installations. The Board of Supervisors, in Resolution No. 635-96, provided input as to where wireless facilities should be located within San Francisco. The Guidelines were updated by the Commission in 2003 and again in 2012, requiring community outreach, notification, and detailed information about the facilities to be installed.

Section 8.1 of the Guidelines outlines Location Preferences for wireless facilities. There are five primary areas 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.

Section 8.1 of the WTS Siting Guidelines further stipulates that the Planning Commission may not approve WTS applications for Preference 7 (Disfavored Site) unless the application (a) shows what publicly-used building, co-location site or other Preferred Location Sites are located within the geographic service area; (b) shows by clear and convincing evidence what good faith efforts and measures to secure these Preferred Location Sites were taken; (c) explains why such efforts were unsuccessful; and (d) demonstrates that the location for the site is essential to meet demands in the geographic service area and the Applicant's citywide networks.

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, an independent evaluation verifying coverage and capacity, a submittal checklist and details about the facilities to be installed.

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

On January 10, 2013, the Commission conducted a duly noticed public hearing at a regularly scheduled meeting on the application for a Conditional Use authorization pursuant to Planning Code Section 209.6(b) to install a wireless telecommunications facility consisting of up to nine panel antennas on the rooftop of an existing commercial building along with equipment located in a ground floor storage area as part of AT&T's wireless telecommunications network.

6. **Location Preference.** The *WTS Facilities Siting Guidelines* identify different types of zoning and/or building uses for the siting of wireless telecommunications facilities. Under the *Guidelines*, the Project is a Location Preference Number 7, as the Project Site is located in an RH-2 District.
7. **Alternative Site Analysis.** The Project Sponsor has submitted an alternative site analysis and has affirmed the subject site to be the most viable site to serve the geographic service area.
8. **Radio Waves Range.** The Project Sponsor has stated that the proposed wireless network will transmit calls by radio waves operating in the 1710 - 2170 Megahertz (MHZ) bands, which is regulated by the Federal Communications Commission (FCC) and must comply with the FCC-adopted health and safety standards for electromagnetic radiation and radio frequency radiation.
9. **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*.
10. **Department of Public Health Review and Approval.** The proposed project was referred to the Department of Public Health (DPH) for emissions exposure analysis. Existing RF levels at ground level were approximately 2% of the FCC public exposure limit. There were observed similar antennas (14) mounted on the building at 2145 19th Avenue, but no other antennas observed within 100 feet of this site. AT&T Wireless proposes to install nine new panel antennas. The antennas will be mounted at a height of approximately 33 feet above the ground. The estimated ambient RF field from the proposed AT&T Mobility transmitters at ground level is calculated to be 0.049 mW/sq. cm., which is 8.4% of the FCC public exposure limit. The three dimensional perimeter of RF levels equal to the public exposure limit extends 68 feet which includes the areas of the rooftops at both 2131 and 2145 19th Avenue but does not reach any publicly accessible areas. Warning signs must be posted at the antennas and roof access points in English, Spanish, and Chinese. Workers should not have access to within 26 feet of the front of the antennas while in operation. Both the prohibited access areas and worker notification areas should be marked with red and yellow striping on the roof tops of both the building at 2131 and 2145 19th Avenue.
11. **Coverage and Capacity Verification.** The maps, data, and conclusion provided by AT&T to demonstrate need for coverage and capacity have been determined by Hammett & Edison, Inc., a radio engineering consulting firm, to accurately represent the carrier's present and post-installation conclusions.

12. **Maintenance Schedule.** The proposed facility would operate without on-site staff, but with a two-person maintenance crew visiting the property approximately once a month and on an as-needed basis to service and monitor the facility.
13. **Community Outreach.** Per the *Guidelines*, the Project Sponsor held a Community Outreach Meeting for the proposed project. The meeting was held at 7:00 p.m. on March 13, 2012 at the Taraval Police Station at 2345 24th Avenue. Seventeen members of the community attended the meeting. The questions asked varied in topic and included: the difference between coverage and capacity, how many dropped calls AT&T experiences during peak hours, how many watts does the new site have versus the existing site, what would occur to the site if there was an earthquake, whether or not it was possible to block RF from entering your home, whether or not there are alternatives to addressing the coverage gap besides the installation of this facility, and where the associated equipment would be located and what sort of noise would it create.
14. **Five-year plan:** Per the *Guidelines*, the Project Sponsor submitted its latest five-year plan, as required, in October 2012.
15. **Public Comment.** As of January 3, 2013, the Department has received two e-mails and a petition with 121 signatures stating strong disagreement with AT&T building antennas on top of 2121 19th Avenue.
16. **Planning Code Compliance.** The Commission finds that the Project is consistent with the relevant provisions of the Planning Code in the following manner:
 - A. **Use.** Per Planning Code Section 209.6(b), a Conditional Use authorization is required for the installation of other public uses such as wireless transmission facilities.
17. **Planning Code Section 303** establishes criteria for the Planning Commission to consider when reviewing applications for Conditional Use approval. On balance, the project does comply with said criteria in that:
 - A. The proposed new uses and building, at the size and intensity contemplated and at the proposed location, will provide a development that is necessary or desirable, and compatible with, the neighborhood or the community.
 - i. *Desirable: San Francisco is a leader of the technological economy; it is important and desirable to the vitality of the City to have and maintain adequate telecommunications coverage and data capacity. This includes the installation and upgrading of systems to keep up with changing technology and increases in usage. It is desirable for the City to allow wireless facilities to be installed.*

The proposed project at 2121 19th Avenue will be generally desirable and compatible with the surrounding neighborhood because the project will not conflict with the existing uses of the property and will be designed to be compatible with the surrounding nature of the vicinity. The

approval of this authorization has been found, 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 buildings and insure harmony with neighborhood character. The project has been reviewed and determined to not cause the removal or alteration of any significant architectural features on the subject building.

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

Coverage: San Francisco does have sufficient overall wireless coverage (note that this is separate from carrier capacity). San Francisco's unique coverage issues are due to topography and building heights. The hills and buildings disrupt lines of site between WTS base stations. Thus, telecommunication carriers continue to 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 capacity. It is necessary for San Francisco, as a leader in technology, to have adequate capacity.

The proposed project at 2121 19th Avenue is necessary in order to achieve sufficient street and in-building mobile phone coverage and data capacity. Recent drive tests in the subject area conducted by the AT&T Mobility Radio Frequency Engineering Team provide evidence that the subject property is the most viable location, based on factors including quality of coverage and aesthetics.

Although the Project Site is considered a Preference 7 (Disfavored Location Site) according to the WTS Siting Guidelines, the subject site has been determined to be the most viable to serve the geographic service area through an alternative site analysis. The proposed coverage area will serve the vicinity bounded by Pacheco and Santiago Streets, and 14th and 21st Avenues, as indicated in the coverage maps. The alternative site analysis determined that there is no more preferred site in the area that could provide adequate service for the area. The alternative site analysis examined 122 sites within the geographic service area. Ten sites were Preference 1 sites, one site was Preference 2, and 110 of these sites were Preference 7 sites, including 85 single-family residential homes. The analysis revealed that the other proposed Preference sites were not as desirable as the subject site for several reasons with the most common limiting factors being an obtrusive/incompatible site design and operability of the site. This facility will improve coverage and capacity in the project area, as well as provide necessary facilities for emergency transmission and improved communication for the neighborhood, and the community.

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

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

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

The Department of Public Health conducted an evaluation of potential health effects from Radio Frequency radiation, and has concluded that the proposed wireless transmission facilities will have no adverse health effects when operated in compliance with the FCC-adopted health and safety standards.

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

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

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

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

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

Nine antennas are proposed to be mounted on the rooftop behind a radiofrequency transparent screen and will appear to be a rooftop penthouse which will be minimally visible from nearby public rights-of-way.

- 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.

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

HOUSING ELEMENT

BALANCE HOUSING CONSTRUCTION AND COMMUNITY INFRASTRUCTURE

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

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

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

The Project will improve AT&T Mobility’s coverage and capacity in the surrounding residential, commercial and recreational areas along a primary transportation route 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 Project adequately “stealths” the proposed antennas on the rooftop of the building by screening the antennas to appear as a rooftop penthouse.

COMMERCE AND INDUSTRY ELEMENT

Objectives and Policies

OBJECTIVE 1:

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

Policy 1:

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

Policy 2:

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

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

OBJECTIVE 2:

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

Policy 1:

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

Policy 3:

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

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

OBJECTIVE 4:

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

Policy 1:

Maintain and enhance a favorable business climate in the City.

Policy 2:

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

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

VISITOR TRADE

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

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

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

COMMUNITY SAFETY ELEMENT

Objectives and Policies

OBJECTIVE 3:

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

Policy 1:

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

Policy 2:

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

Policy 3:

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

Policy 4:

Establish and maintain an adequate Emergency Operations Center.

Policy 5:

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

Policy 6:

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

- G. That landmarks and historic buildings be preserved.

The proposed antennas will be mounted on the rooftop of the existing building and will not affect any character-defining features of the building. The antennas will be screened and will appear as part of a penthouse on top of the building and would be minimally visible as viewed from the public right-of-way. By minimizing the visibility of the proposed antennas, the Project would not significantly alter the subject 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.

20. 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.

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

DECISION

The Commission, after carefully balancing the competing public and private interests, and based upon the Recitals and Findings set forth above, in accordance with the standards specified in the Code, hereby approves the Conditional Use authorization under Planning Code Sections 209.6(b) and 303 to install up to nine panel antennas and associated equipment cabinets at the Project Site and as part of a wireless transmission network operated by AT&T Mobility on a Location Preference 7 (Disfavored Location Site) according to the Wireless Telecommunications Services (WTS) Siting Guidelines, within an RH-2 (Residential – House, Two-Family) Zoning District and a 40-X Height and Bulk District and subject to the conditions of approval attached hereto as **Exhibit A**.

APPEAL AND EFFECTIVE DATE OF MOTION: Any aggrieved person may appeal this conditional use authorization to the Board of Supervisors within thirty (30) days after the date of this Motion No. xxxx. 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 **January 10, 2013**.

Jonas P. Ionin
Acting Commission Secretary

AYES

NAYS:

ABSENT:

ADOPTED: January 10, 2013

EXHIBIT A

AUTHORIZATION

This authorization is for a Conditional Use Authorization under Planning Code Sections 209.6(b) and 303 to install a wireless telecommunications service facility consisting of up to nine panel antennas with related equipment at a Location Preference 7 (Disfavored Location Site) according to the Wireless Telecommunications Services (WTS) Siting Guidelines, as part of AT&T's wireless telecommunications network within an RH-2 (Residential – House, Two-Family) Zoning District and a 40-X Height and Bulk District.

RECORDATION OF CONDITIONS OF APPROVAL

Prior to the issuance of the building permit or commencement of use for the Project the Zoning Administrator shall approve and order the recordation of a Notice in the Official Records of the Recorder of the City and County of San Francisco for the subject property. This Notice shall state that the project is subject to the conditions of approval contained herein and reviewed and approved by the Planning Commission on **January 10, 2013** under Motion No. xxxxx.

PRINTING OF CONDITIONS OF APPROVAL ON PLANS

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

SEVERABILITY

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

CHANGES AND MODIFICATIONS

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

Conditions of Approval, Compliance, Monitoring, and Reporting

PERFORMANCE

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

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

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

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

DESIGN – COMPLIANCE AT PLAN STAGE

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

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

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

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

MONITORING - AFTER 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 antennas 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>

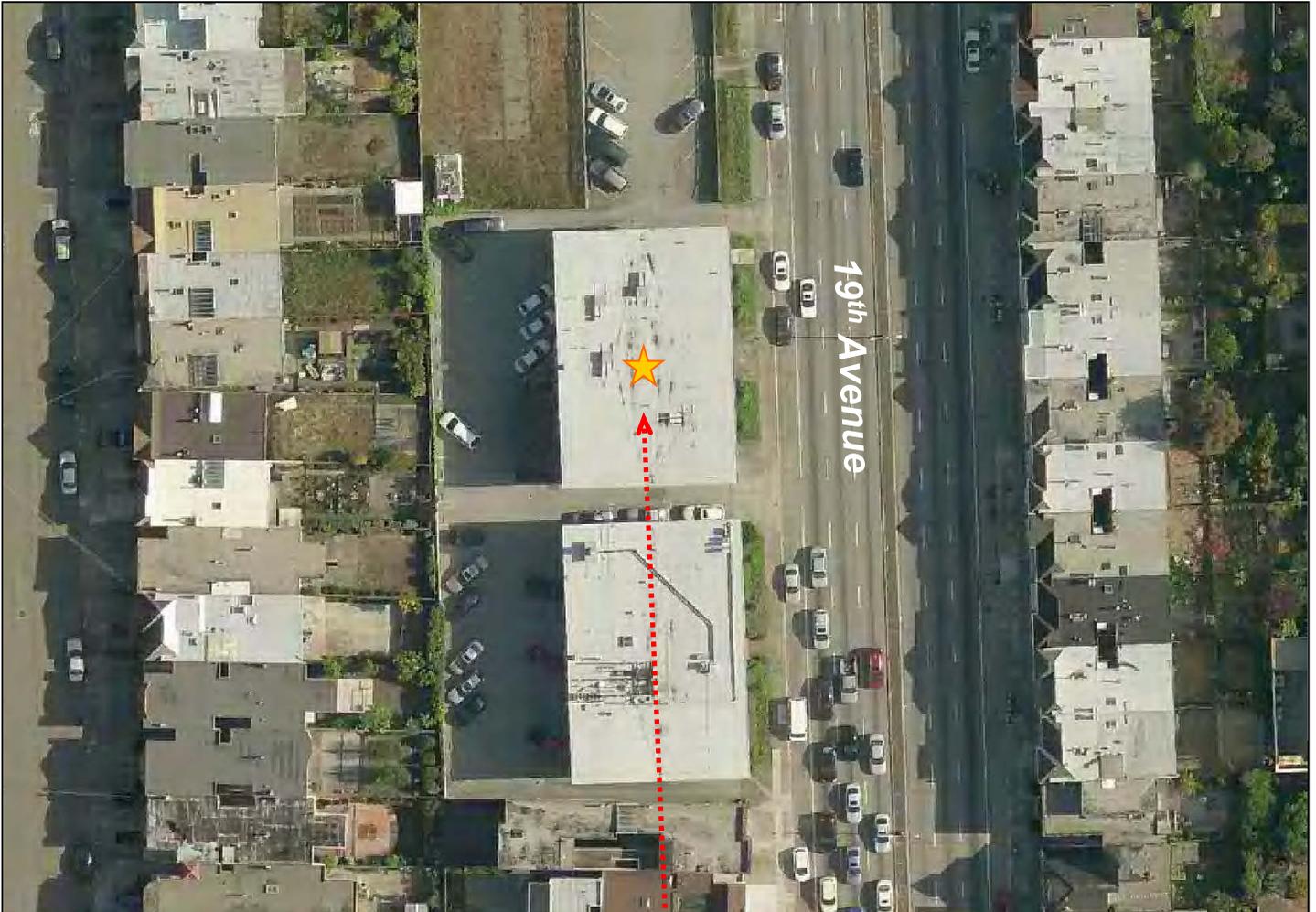
Zoning Map



SUBJECT PROPERTY

Case Number 2011.1368C
AT&T Mobility WTS Facility
2121 19th Ave

Aerial Photo

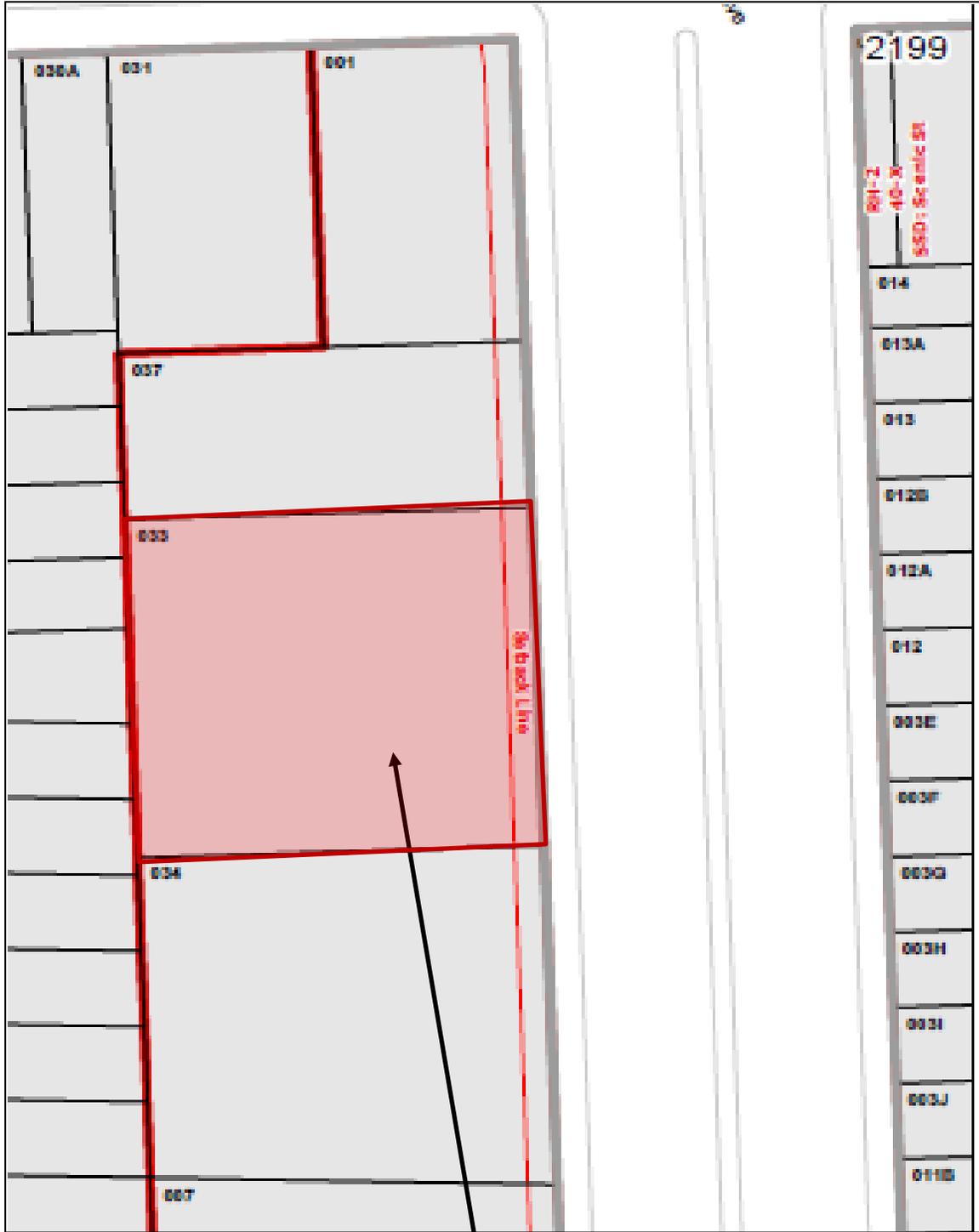


SUBJECT PROPERTY



Case Number 2011.1368C
AT&T Mobility WTS Facility
2121 19th Ave

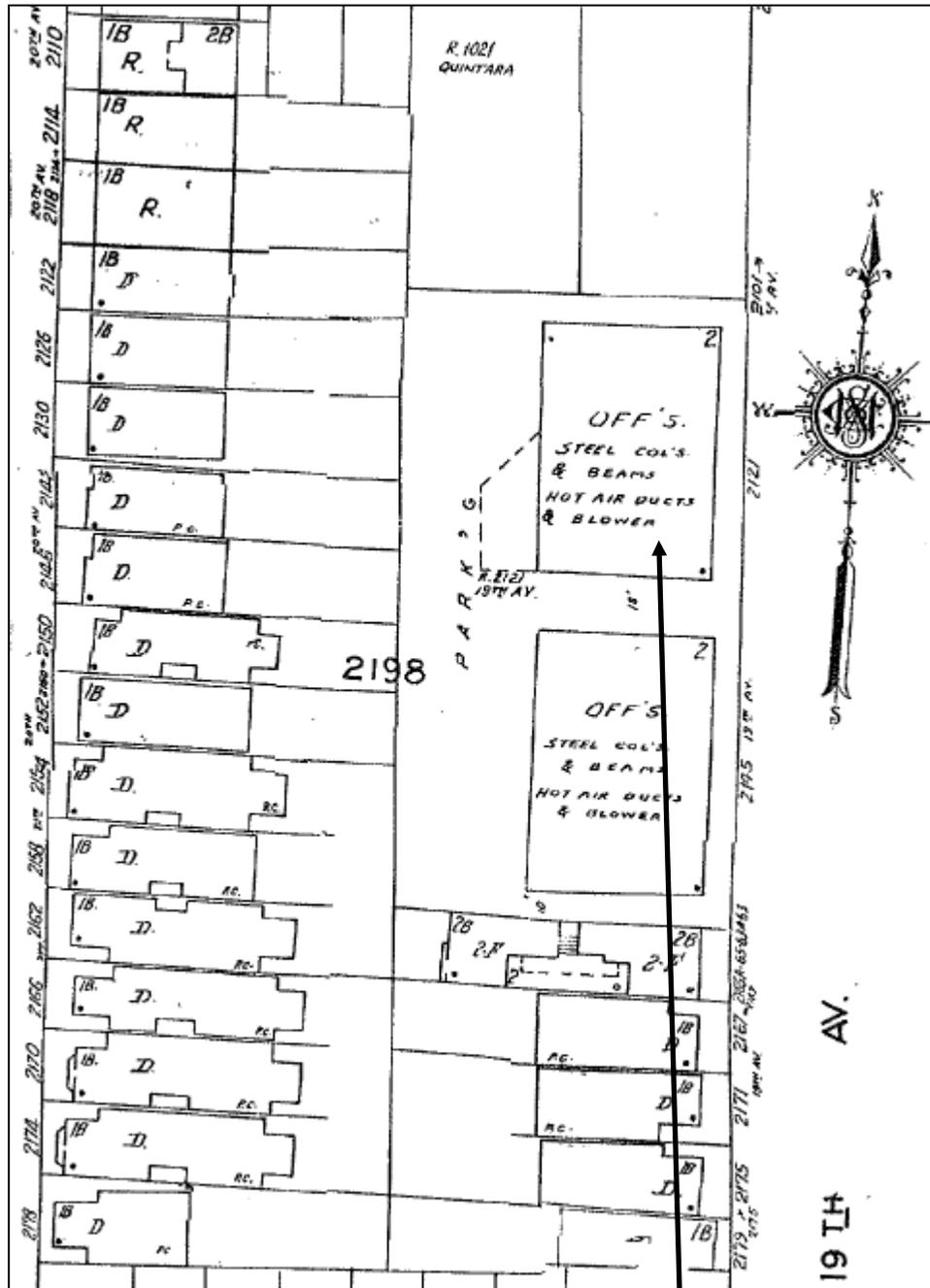
Parcel Map



SUBJECT PROPERTY

Case Number 2011.1368C
AT&T Mobility WTS Facility
2121 19th Ave

Sanborn Map*



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

SUBJECT PROPERTY



Case Number 2011.1368C
 AT&T Mobility WTS Facility
 2121 19th Ave

G. Contextual Photographs

The following are photographs of the surrounding buildings within 100-feet of the subject property showing the facades and heights of nearby buildings:



Subject Structure – 2121 19th Avenue (on right);
existing AT&T Micro on adjacent building (on left) - to be removed



Looking South down 19th Avenue from Quintara Street (toward subject building)



Looking North at Western blockface of 19th Avenue (from Rivera Street)



Looking South at Eastern blockface of 19th Avenue (from Quintara Street)



Looking North Up 19th Avenue from Quintara Street



Looking West up Quintara Street from 19th Avenue



Looking East up Quintara Street from 19th Avenue



Looking East up Rivera Street from 19th Avenue

Existing

existing AT&T micro facility to be removed



Proposed

proposed AT&T antennas behind new RF transparent screen



Photo simulation as seen looking northwest from 19th Avenue

Existing

existing AT&T micro facility to be removed

existing antennas by others



Proposed

proposed AT&T antennas behind new RF transparent screen



Photo simulation as seen looking southwest from 19th Ave & Quintara St



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: 2121 19TH Av
Site ID: 1467 **SiteNo.:** CN5868

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: 0
- 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: 10370 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: 10370 watts.
- X 7. Preferred method of attachment of proposed antenna (roof, wall mounted, monopole) with plot or roof plan. Show directionality of antennas. Indicate height above roof level. Discuss nearby inhabited buildings (particularly in direction of antennas) (WTS-FSG, Section 10.41d)
- X 8. Report estimated ambient radio frequency fields for the proposed site (identify the three-dimensional perimeter where the FCC standards are exceeded.) (WTS-FSG, Section 10.5) State FCC standard utilized and power density exposure level (i.e. 1986 NCRP, 200 μw/cm²)
 Maximum RF Exposure: 0.049 mW/cm² Maximum RF Exposure Percent: 8.4
- 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.

<input checked="" type="checkbox"/> Public_Exclusion_Area	Public Exclusion In Feet:	<u>68</u>
<input checked="" type="checkbox"/> Occupational_Exclusion_Area	Occupational Exclusion In Feet:	<u>26</u>

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 2131 19TH Avenue. Existing RF levels at ground level were around 2% of the FCC public exposure limit. There were observed similar antennas (14) mounted on the building at 2145 19th Avenue but no other antennas within 100 feet of this site. AT&T Wireless proposes to install 9 new antennas. The antennas will be mounted at a height of 33 feet above the ground. The estimated ambient RF field from the proposed AT&T Wireless transmitters at ground level is calculated to be 0.049 mW/sq cm., which is 8.4 % of the FCC public exposure limit. The three dimensional perimeter of RF levels equal to the public exposure limit extends 68 feet which includes areas of the rooftops at both 2131 and 2145 19th Avenue but does not reach any publicly accessible areas. Warning signs must be posted at the antennas and roof access points in English, Spanish and Chinese. Worker should not have access to within 26 feet of the front of the antennas while they are in operation. Both the prohibited access areas and worker notification areas should be marked with red and yellow striping on the roof tops of both the building at 2131 and 2145 19th Avenue.

 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: 12/5/2011

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. CN5868)
2131 19th Avenue • 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. CN5868) proposed to be located at 2131 19th Avenue 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., on May 3, 2011, a non-holiday weekday, and reference has been made to information provided by AT&T, including zoning drawings by TRK Engineering Ltd., dated October 31, 2011.

Checklist

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

There were observed no wireless base stations installed at the site. Located on the building directly to the south of the proposed site, believed to be under common ownership, were two omnidirectional antennas for use by AT&T Mobility and directional panel antennas for use by Sprint Nextel and Verizon Wireless. Existing RF levels for a person at ground near the site were less than 2% of the most restrictive public exposure limit.

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

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

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

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

**AT&T Mobility • Proposed Base Station (Site No. CN5868)
2131 19th Avenue • San Francisco, California**

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

AT&T proposes to install nine Andrew directional panel antennas – six Model DBXNH-6565A-R2M and three Model TBXLHB-6565A-R2M – within a view screen enclosure to be installed above the roof of the two-story commercial building located at 2131 19th Avenue. The antennas would be mounted with up to 6° downtilt at an effective height of about 33 feet above ground, 5½ feet above the roof, and would be oriented in identical groups of three toward 30°T, 120°T, and 260°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 maximum power ratings of the Sprint Nextel and Verizon Wireless transmitters are 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 10,370 watts, representing simultaneous operation at 1,820 watts for AWS, 5,900 watts for PCS, 1,870 watts for cellular, and 780 watts for 700 MHz service. The numbers of watts for the Sprint Nextel and Verizon Wireless operations are not known.

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

The drawings show the proposed antennas to be installed as described in Item 4 above. There were noted buildings of similar height located at least 30 feet away.

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 RF exposure level due to the proposed AT&T operation by itself is calculated to be 0.049 mW/cm², which is 8.4% of the applicable public exposure limit. Ambient RF levels at the site are therefore estimated to be below 9% of the limit. The three-dimensional perimeter of RF levels equal to the public exposure limit is calculated to extend up to 68 feet out from the antenna faces and to much lesser distances above, below, and to the sides; this includes areas of the roof of the subject building, as well as areas on the roof of the building directly to the south, but does not reach any other publicly accessible areas.

AT&T Mobility • Proposed Base Station (Site No. CN5868)
2131 19th Avenue • San Francisco, California

9. Describe proposed signage at site.

Due to their mounting locations, the AT&T antennas would not be publicly 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 26 feet directly in front of the antennas themselves, such as might occur during maintenance work on either 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 stripes on the roofs in front of the antennas and “Worker Notification Areas” with yellow paint stripes, as shown in Figure 1 attached, and posting explanatory warning signs* at the roof access ladders and on the view screen enclosure in front of 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 carriers on the building to the south; applicable keep-back distances for those carriers have 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. CN5868)
2131 19th Avenue • 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 2131 19th Avenue 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. Marking areas on the roofs and posting explanatory signs is recommended to establish compliance with occupational exposure limitations.

November 16, 2011



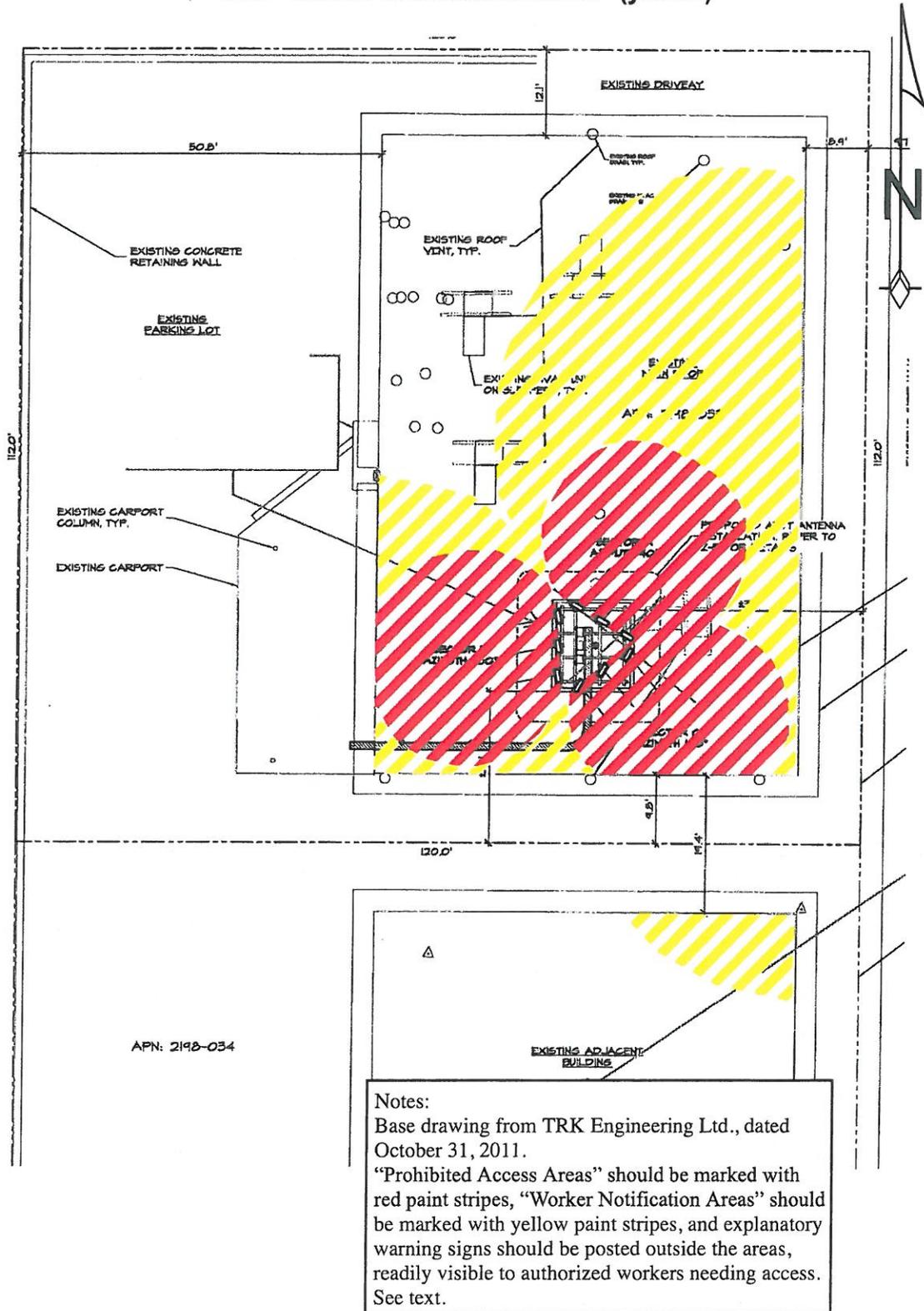
William F. Hammett

William F. Hammett, P.E.

707/996-5200

AT&T Mobility • Proposed Base Station (Site No. CN5868)
2131 19th Avenue • San Francisco, California

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

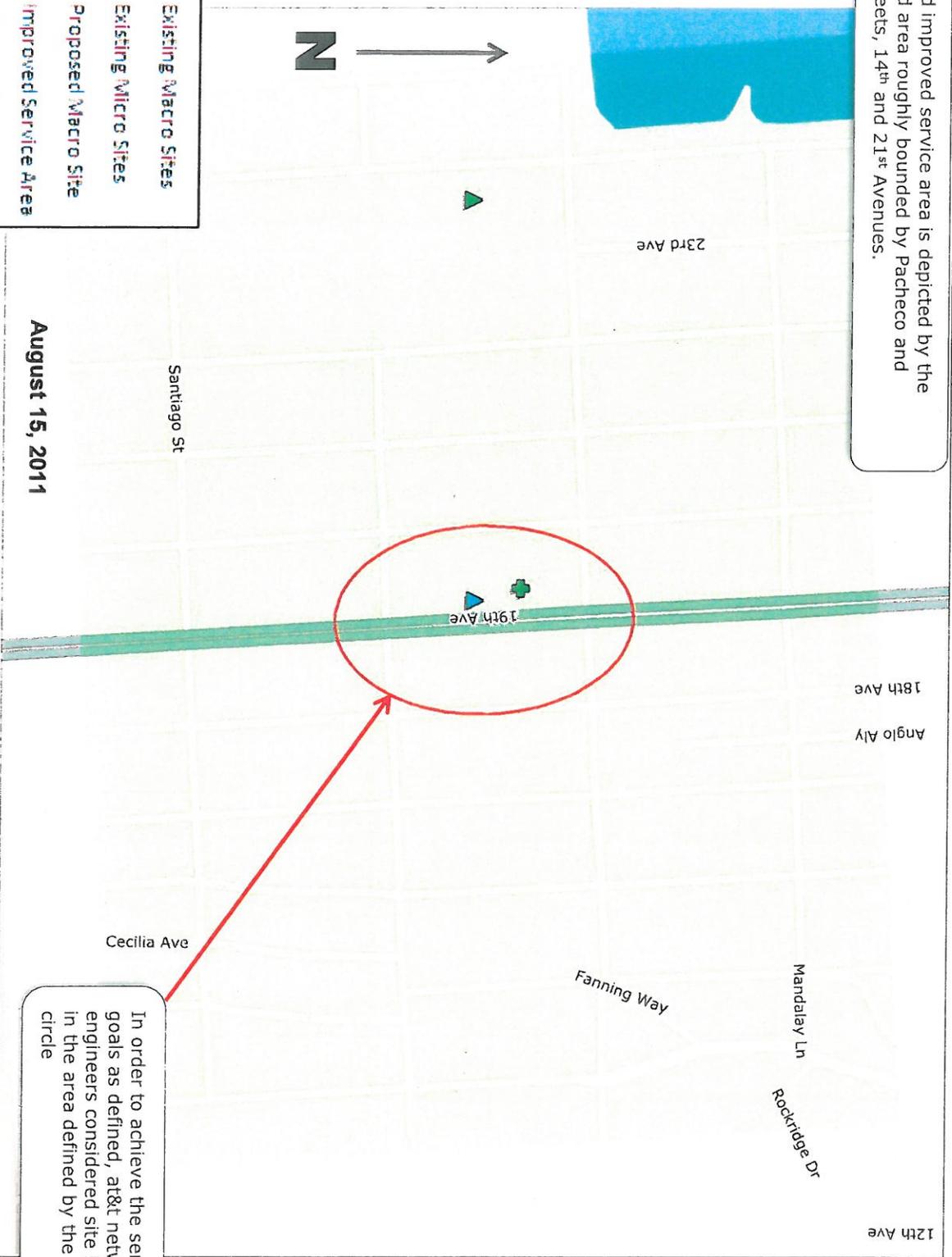


Service Improvement Objective (CN5868)

2121 19th Avenue

The proposed improved service area is depicted by the green shaded area roughly bounded by Pacheco and Santiago Streets, 14th and 21st Avenues.

	Existing Macro Sites
	Existing Micro Sites
	Proposed Macro Site
	Improved Service Area
	Site Search Area

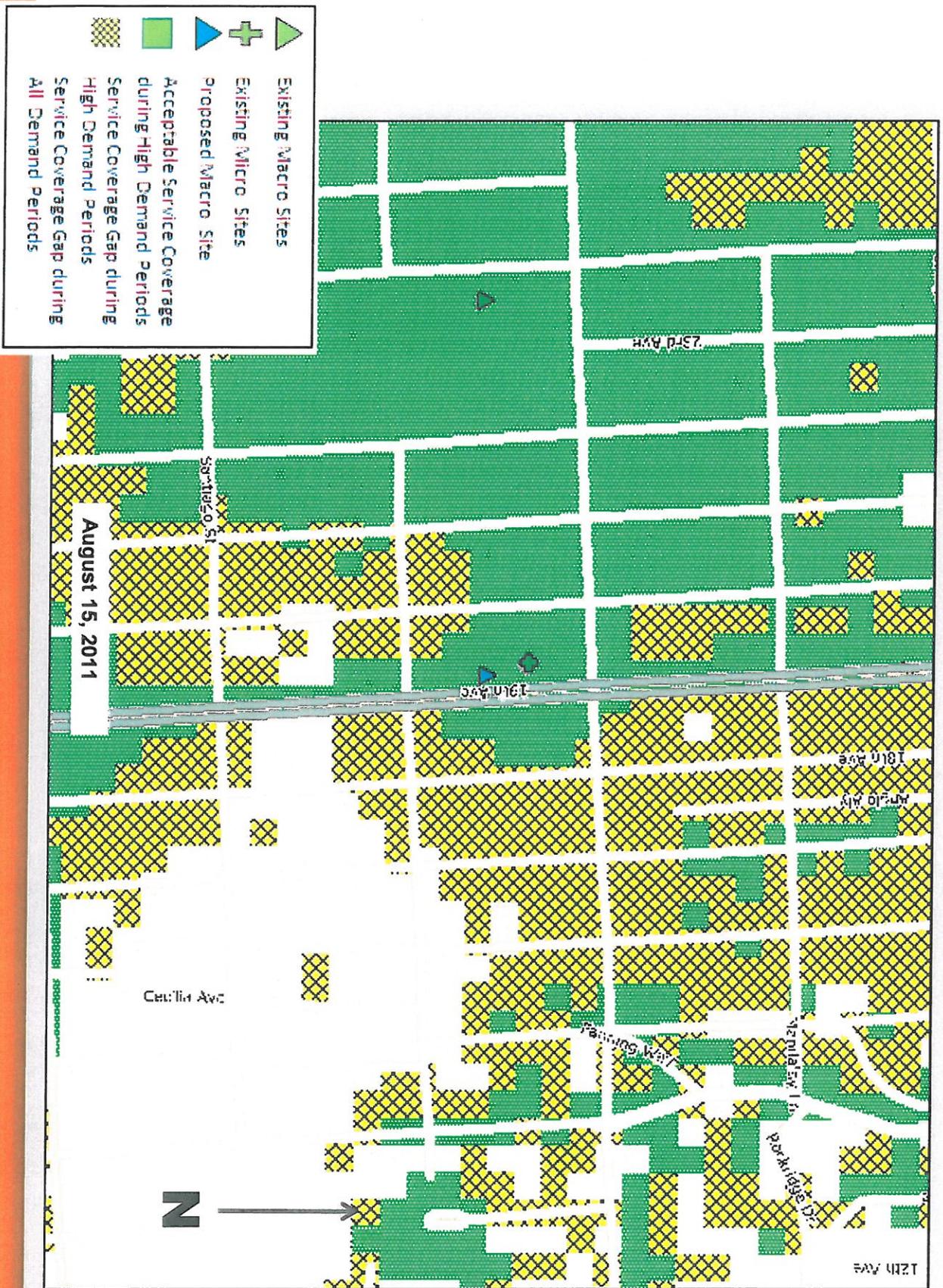


August 15, 2011

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

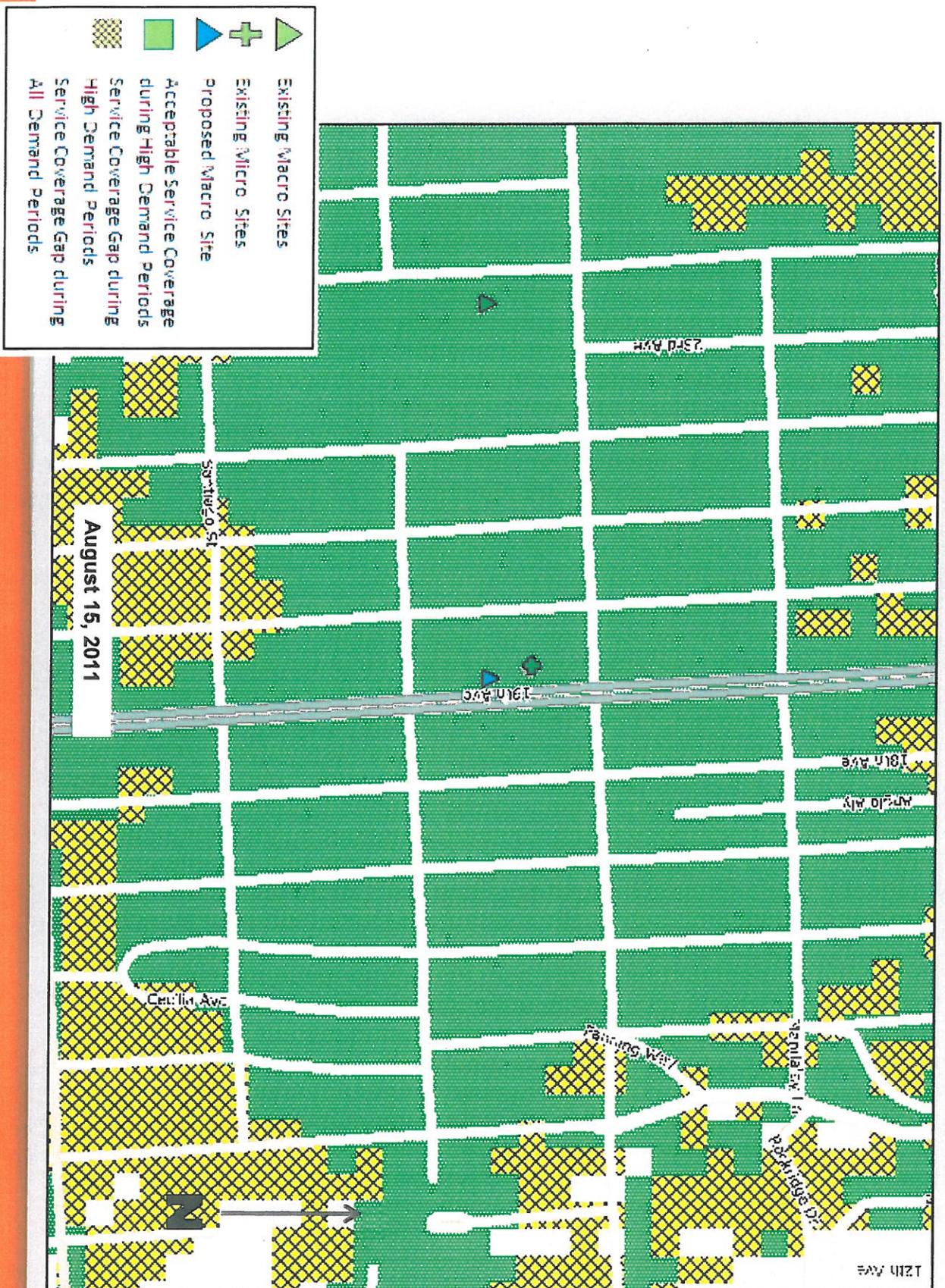
Proposed Site at 2121 19th Ave (CN5868)

Service Area BEFORE site is constructed

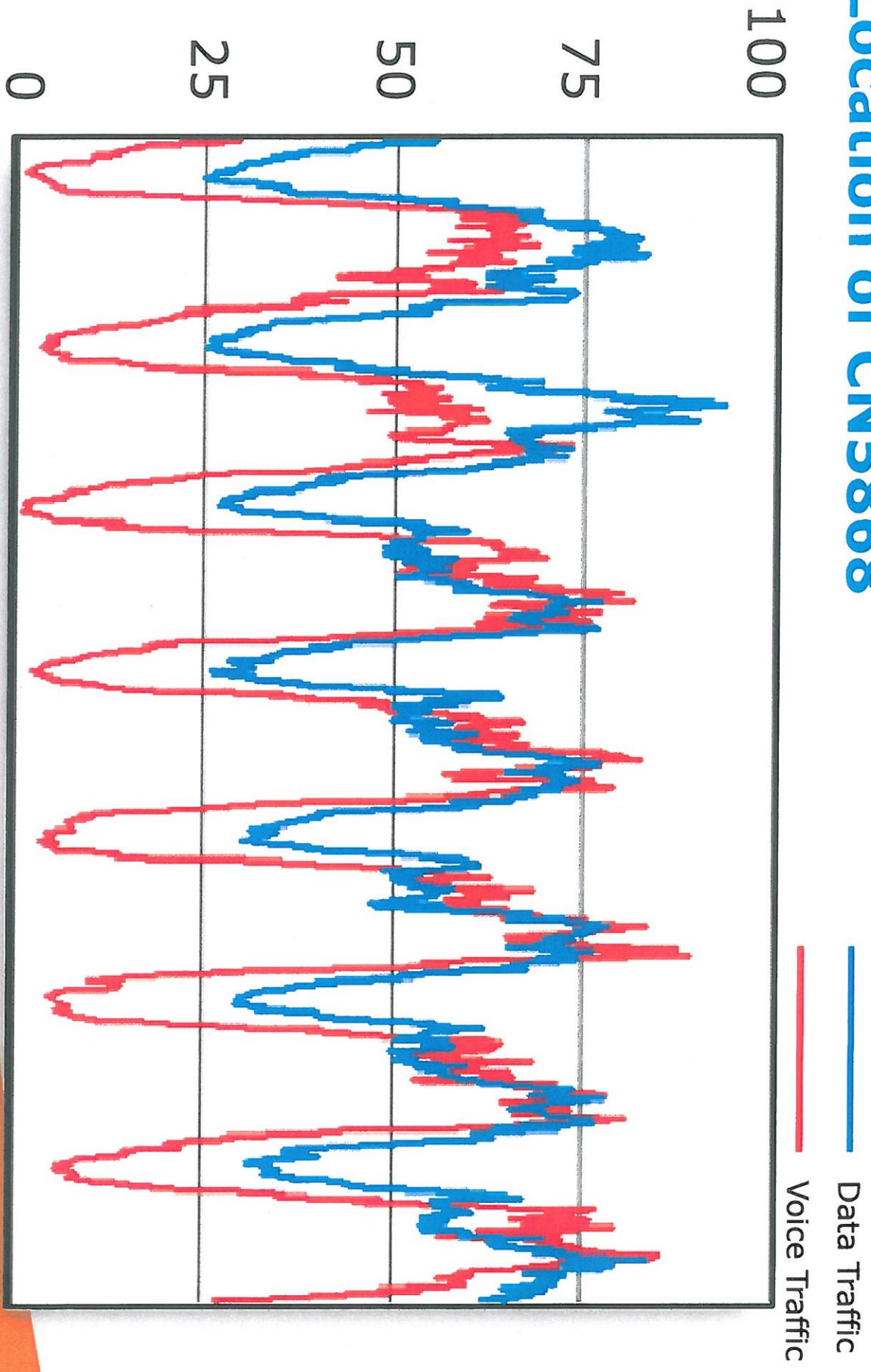


Proposed Site at 2121 19th Ave (CN5868)

Service Area AFTER site is constructed



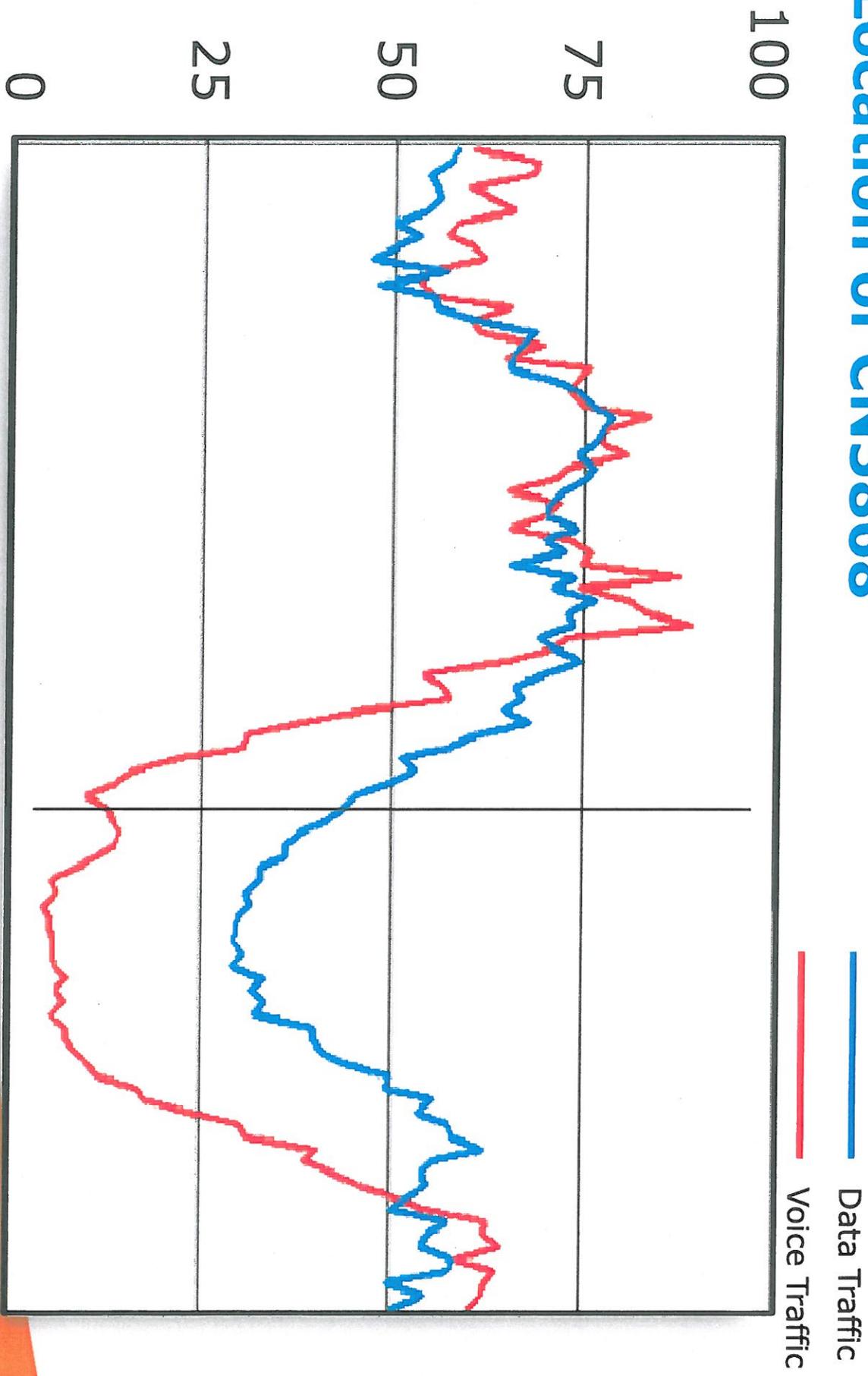
Current 7-Day Traffic Profile for the Location of CN5868



July 28, 2011



Current 24-Hour Traffic Profile for the Location of CN5868



Noon

Midnight

B. Locating a site and evaluation of alternative sites

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

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

The following represents the results of this investigation, and the team’s analysis of each alternative location:

1. Publicly-used structures: The following alternative locations are within the RH-1, RH-2 and P zoning districts. Wireless telecommunication facilities which meet the requirements of Planning Code Section 209.6(b) require Conditional Use authorization under Planning Code Section 303(c).

**Alternative Location Evaluated – A
2155 18th Avenue**



The building at 2155 18th Avenue is a public building (Fire Department Station) located within the P (Public) zoning district. It is identified as an existing wireless telecommunication facility. However, in order to meet AT&T Mobility's service objective, line-of-sight to the defined service area is required. The building at 2155 18th Avenue is located on the Eastern edge of the search ring on 18th Avenue, limiting line-of-sight along 19th Avenue. In addition, the building's Gable-style roof presents a construction challenge and may not be conducive to a Macro wireless telecommunication facility. Therefore, this building was determined to not be the most suitable candidate within the search area.

Alternative Locations Evaluated: B
2200 19th Avenue



The building at 2200 19th Avenue is a cable television public utility facility located within the RH-2 (Residential - House, Two-Family) zoning district. In order to meet AT&T Mobility's service objective, line-of-sight to the defined service area is required. The building at 2200 19th Avenue is located on the Southern periphery of the defined search ring, approximately one half-block South (down the hill) of the proposed site located at 2121 19th Avenue. The one -story structure is shorter and down slope from the proposed building at 2121 19th Avenue, leading to an overall height loss of 20+ feet. If placed on the roof, a facility at 2200 19th Avenue would need to extend approximately 25 feet above the existing roofline in order to have line-of-site along 19th Avenue. Based on the size and scale of the existing building, a wireless telecommunication facility on this site would likely be incompatible with the surrounding neighborhood. In addition, line-of-site along Quintara Street would be very limited. Therefore, this building was determined to not be the most suitable candidate within the search area.

Alternative Location Evaluated – C
2043 19th Avenue



The building at 2043 19th Avenue is a convalescent home located within the RH-2 (Residential, House Districts, Two-Family) zoning district. In order to meet AT&T Mobility's service objective, line-of-sight to the defined service area is required. The building at 2043 19th Avenue is located approximately two blocks North of the proposed site located at 2121 19th Avenue and is outside of the defined service area. Its location limits the required line-of-site along Quintara Street. Therefore, this building was determined to not be the most suitable candidate within the search area.

**Alternative Location Evaluated – D
1105 Quintara Street**



The building at 1105 Quintara Street is a pre-school (Little Star Pre-School Too) located within the RH-1 (Residential - House, One-Family) zoning district. In order to meet AT&T Mobility's service objective, line-of-sight to the defined service area is required. The building at 1105 Quintara Street is located approximately one block West of the proposed site located at 2121 19th Avenue and is outside of the defined service area. It's location limits the required line-of-site along 19th Avenue. Therefore, this building was determined to not be the most suitable candidate within the search area.

**Alternative Location Evaluated – E
2162 24th Avenue**



The building at 2162 24th Avenue is a public school (Abraham Lincoln High School) located within the P (Public) zoning district. In order to meet AT&T Mobility's service objective, line-of-sight to the defined service area is required. The building at 2162 24th Avenue is located three blocks West of the proposed location at 2121 19th Avenue and two blocks West [outside] of the defined service area. The site's location eliminates line-of-site along 19th Avenue. Therefore, this building was determined to not be the most suitable candidate within the search area.

**Alternative Location Evaluated – F
2030 19th Avenue**



The building at 2030 19th Avenue is a church (Holy Word Christian Church) located within the RH-2 (Residential, House Districts, Two-Family) zoning district. In order to meet AT&T Mobility's service objective, line-of-sight to the defined service area is required. The building at 2030 19th Avenue is located outside the defined service area, limiting line-of-sight along Quintara Street. In addition, the unique architecture of the roof presents a construction challenge and may not be conducive to a Macro wireless telecommunication facility. Therefore, this building was determined to not be the most suitable candidate within the search area.

**Alternative Location Evaluated – G
910 Santiago Street**



The building at 910 Santiago Street is a church (Parkside Gospel Church) located within the RH-2 (Residential, House Districts, Two-Family) zoning district. In order to meet AT&T Mobility's service objective, line-of-sight to the defined service area is required. The building at 910 Santiago Street is located approximately one block outside the defined service area, limiting line-of-sight coverage along Quintara Street. In addition, the structure is surrounded by wholly residential uses and may not be conducive to a Macro wireless telecommunication facility. Therefore, this building was determined to not be the most suitable candidate within the search area.

**Alternative Location Evaluated – H
1090 Quintara Street**



The building at 1090 Quintara Street is a church (Christ Church Lutheran) located within the RH-1 (Residential, House Districts, One-Family) zoning district. In order to meet AT&T Mobility's service objective, line-of-sight to the defined service area is required. The building at 1090 Quintara Street is located at the corner of 20th Avenue and Quintara Street, adjacent to (outside) the defined service area. The site has limited line-of-site along 19th Avenue. In addition, the building's hipped gable-style roof and overall architectural-style present construction challenges and neighborhood compatibility concerns. Therefore, this building was determined to not be the most suitable candidate within the search area.

**Alternative Location Evaluated – I
1201 Ortega Street**



The building at 1201 Ortega Street is a school (French School – Lycee Francais) located within the RH-2 (Residential, House Districts, Two-Family) zoning district. In order to meet AT&T Mobility’s service objective, line-of-sight to the defined service area is required. The building at 1201 Ortega Street is located approximately two blocks North of the proposed site located at 2121 19th Avenue and is approximately one-and-a-half blocks North (outside) of the defined service area. It’s location limits the required line-of-site along Quintara Street. Therefore, this building was determined to not be the most suitable candidate within the search area.

Alternative Location Evaluated – J
1250 Quintara Street



The building at 1250 Quintara Street is a Jewish temple and affiliated school (Congregation Ner Tamid and Russian American International School) located within the RH-1 (Residential, House Districts, One-Family) zoning district. In order to meet AT&T Mobility's service objective, line-of-sight to the defined service area is required. The building at 1250 Quintara Street is located two blocks Southeast of the proposed location at 2121 19th Avenue and one block Southwest [outside] of the defined service area. The site's location eliminates line-of-site along 19th Avenue and Quintara Streets. Therefore, this building was determined to not be the most suitable candidate within the search area.

2. Co-Location Site: The following alternative location is within the RH-2 (Residential, House Districts, Two-Family) zoning district. Wireless telecommunication facilities which meet the requirements of Planning Code Section 209.6(b) require Conditional Use authorization under Planning Code Section 303(c).

**Alternative Location Evaluated – K
2145 19th Avenue**



The building at 2145 19th Avenue is a commercial building located within the RH-2 (Residential, House Districts, Two-Family) zoning district. The structure neighbors the proposed facility at 2121 19th Avenue and has several existing wireless telecommunication facilities installed, including an existing AT&T Mobility Micro facility. AT&T radio frequency (RF) engineers are concerned that due to space constraints, expanding the facility could cause signal interference with the other existing wireless carriers as well as with AT&T signals. In addition, it is possible that a large expansion of the existing facilities at 2145 19th Avenue could create an ‘antenna farm’ visual impact that may not be compatible with the local neighborhood character. Therefore, this building was determined to not be the most suitable candidate within the search area.

3. Industrial or Commercial Structures: There are no Preference 3 Locations within the immediate vicinity of the defined search area in which to provide service to the defined service area.
4. Industrial or Commercial Structures: There are no Preference 4 Locations within the immediate vicinity of the defined search area in which to provide service to the defined service area.
5. Mixed Use Buildings in High Density Districts: There are no Preference 5 Locations within the immediate vicinity of the defined search area in which to provide service to the defined service area.
6. Limited Preference Sites: There are no Preference 6 Locations within the immediate vicinity of the defined search area in which to provide service to the defined service area.

7. Disfavored Sites: The following alternative locations are within the RH-1 (Residential, House Districts, One-Family) and RH-2 (Residential, House Districts, Two-Family) zoning districts. Wireless telecommunication facilities which meet the requirements of Planning Code Section 209.6(b) require Conditional Use authorization under Planning Code Section 303(c).

**Alternative Locations Evaluated: L, M, N
2071, 2075 & 2079 19th Avenue**



The buildings at 2071, 2075 & 2079 19th Avenue are single-family residential structures located within the RH-2 (Residential, House Districts, Two-Family) zoning district. Single-family residential structures are not conducive to Macro wireless telecommunication facilities. Therefore, this building is not the most suitable candidate within the search area.

**Alternative Location Evaluated – O
2083 19th Avenue**



The building at 2083 19th Avenue is a single-family residential structure located within the RH-2 (Residential, House Districts, Two-Family) zoning district. Single-family residential structures are not conducive to Macro wireless telecommunication facilities. Therefore, this building is not the most suitable candidate within the search area.

**Alternative Location Evaluated – P
2085-2095 19th Avenue**



The site at 2085-2095 19th Avenue is a commercial building (gas station) located within the RH-2 (Residential, House Districts, Two-Family) zoning district. In order to meet AT&T Mobility's service objective, line-of-sight to the defined service area is required. The primary structure at 2085-2095 19th Avenue is substantially shorter than the proposed location at 2121 19th Avenue and is set-back from street, thereby limiting line-of-sight coverage. In addition, the roof of the primary structure presents a construction challenge and may not be conducive to a Macro wireless telecommunication facility. Therefore, this building was determined to not be the most suitable candidate within the search area.

**Alternative Locations Evaluated: Q & R
2068-2070 & 2073 Avenue**



The buildings at 2068-2070 & 2073 19th Avenue are single-family residential structures located within the RH-2 (Residential, House Districts, Two-Family) zoning district. Single-family residential structures are not conducive to Macro wireless telecommunication facilities. Therefore, this building is not the most suitable candidate within the search area.

**Alternative Location Evaluated – S
2078-2080 19th Avenue**



The building at 2078-2080 19th Avenue is a small-scale residential building located within the RH-2 (Residential, House Districts, Two-Family) zoning district. In order to meet AT&T Mobility's service objective, line-of-sight to the defined service area is required. The structure at 2078-2080 19th Avenue is approximately 10-feet shorter than the neighboring apartment building to the South, blocking line-of-sight to the South along 19th Avenue. If placed on the roof, a facility here would need to extend over 15 feet above the existing roofline and would not be consistent with the existing mass and scale of the building. Therefore, this building is not the most suitable candidate within the search area.

**Alternative Location Evaluated – T
950 Quintara Street**



The building at 950 Quintara Street is a residential apartment building located within the RH-2 (Residential, House Districts, Two-Family) zoning district. The building is seemingly suitable for a Macro wireless telecommunication facility; however, in accordance with the San Francisco Wireless Telecommunication Siting Guidelines, AT&T Mobility prefers to locate wireless facilities on commercial structures versus residential buildings whenever possible. Therefore, the commercial building located at 2121 19th Avenue was determined to be a more suitable candidate within the search area.

**Alternative Locations Evaluated: U, V & W
922-934 Quintara Street**



The buildings at 922, 930 & 934 Quintara Street are single-family residential structures located within the RH-1 (Residential, House Districts, One-Family) zoning district. In order to meet AT&T Mobility's service objective, line-of-sight to the defined service area is required. The buildings at 922, 930 & 934 Quintara Street are located on the Eastern edge of the defined search ring, limiting line-of-sight along 19th Avenue. In addition, single-family residential structures are not conducive to Macro wireless telecommunication facilities. Therefore, these buildings are not the most suitable candidates within the search area.

Alternative Locations Evaluated: X & Y
1031-1037 Quintara Street



The buildings at 1031 & 1037 Quintara Street are single-family residential structures located within the RH-1 (Residential, House Districts, One-Family) zoning district. Single-family residential structures are not conducive to Macro wireless telecommunication facilities. Therefore, these buildings are not the most suitable candidates within the search area.

**Alternative Location Evaluated – Z
2115 19th Avenue**



There are three parcels associated with 2115 19th Avenue, made-up of a parking lot and an undeveloped parcel located within the RH-1 (Residential, House Districts, One-Family) and RH-2 (Residential, House Districts, Two-Family) zoning districts. If a wireless telecommunication facility were to be developed on these vacant parcels, it would require the construction of nine (12) 40-foot monopoles or a large new mounting structure. Both options would have a greater aesthetic impact than the proposed design at 2121 19th Avenue. Therefore, the vacant parcels building were determined to not be the most suitable candidates within the search area.

**Alternative Location Evaluated – AA
2163-2165 19th Avenue**



The building at 2163-2165 19th Avenue is a 4-unit residential apartment building located within the RH-2 (Residential, House Districts, Two-Family) zoning district. The building is seemingly suitable for a Macro wireless telecommunication facility; however, in accordance with the San Francisco Wireless Telecommunication Siting Guidelines, AT&T Mobility prefers to locate wireless facilities on commercial structures versus residential buildings whenever possible. Therefore, the neighboring commercial building located at 2121 19th Avenue was determined to be a more suitable candidate within the search area.

Alternative Location Evaluated – AB
2167 19th Avenue



The building at 2167 19th Avenue is a single-family residential building located within the RH-2 (Residential, House Districts, Two-Family) zoning district. Single-family residential structures are not conducive to Macro wireless telecommunication facilities. Therefore, this building is not the most suitable candidate within the search area.

**Alternative Location Evaluated – AC
2171 19th Avenue**



The building at 2171 19th Avenue is a single-family residential building located within the RH-2 (Residential, House Districts, Two-Family) zoning district. Single-family residential structures are not conducive to Macro wireless telecommunication facilities. Therefore, this building is not the most suitable candidate within the search area.

**Alternative Location Evaluated – AD
2175 19th Avenue**



The building at 2175 19th Avenue is a single-family residential building located within the RH-2 (Residential, House Districts, Two-Family) zoning district. Single-family residential structures are not conducive to Macro wireless telecommunication facilities. Therefore, this building is not the most suitable candidate within the search area.

**Alternative Location Evaluated – AE
2179 19th Avenue**



The building at 2179 19th Avenue is a single-family residential building located within the RH-2 (Residential, House Districts, Two-Family) zoning district. Single-family residential structures are not conducive to Macro wireless telecommunication facilities. Therefore, this building is not the most suitable candidate within the search area.

**Alternative Location Evaluated – AF
900 Rivera Street**



The building at 900 Rivera Street is a residential apartment building located within the RH-2 (Residential, House Districts, Two-Family) zoning district. The structure is located one half-block from the subject structure located at 2121 19th Avenue. The building is seemingly suitable for a Macro wireless telecommunication facility; however, in accordance with the San Francisco Wireless Telecommunication Siting Guidelines, AT&T Mobility prefers to locate wireless facilities on commercial structures versus residential buildings whenever possible. Therefore, the commercial building located at 2121 19th Avenue was determined to be a more suitable candidate within the search area.

**Alternative Locations Evaluated: AG, AH & AI
914, 920 & 926 Rivera Street**



The buildings at 914, 920 & 926 Rivera Street are single-family residential structures located within the RH-1 (Residential, House Districts, One-Family) zoning district. Single-family residential structures are not conducive to Macro wireless telecommunication facilities. Therefore, these buildings are not the most suitable candidates within the search area.

**Alternative Locations Evaluated: AJ, AK & AL
932, 938 & 944 Rivera Street**



The buildings at 932, 938 & 944 Rivera Street are single-family residential structures located within the RH-1 (Residential, House Districts, One-Family) zoning district. Single-family residential structures are not conducive to Macro wireless telecommunication facilities. Therefore, these buildings are not the most suitable candidates within the search area.

**Alternative Location Evaluated – AM
950 Rivera Street**



The building at 950 Rivera Street is a single-family residential building located within the RH-1 (Residential, House Districts, One-Family) zoning district. Single-family residential structures are not conducive to Macro wireless telecommunication facilities. Therefore, this building is not the most suitable candidate within the search area.

**Alternative Locations Evaluated: AN, AO, AP, AQ
2166, 2170, 2174 & 2178 20th Avenue**



The buildings at 2166, 2170, 2174 & 2178 20th Avenue are single-family residential structures located within the RH-1 (Residential, House Districts, One-Family) zoning district. Single-family residential structures are not conducive to Macro wireless telecommunication facilities. Therefore, these buildings are not the most suitable candidates within the search area.

**Alternative Locations Evaluated: AR, AS, AT & AU
2152, 2154, 2158 & 2162 20th Avenue**



The buildings at 2152, 2154, 2158 & 2162 20th Avenue are single-family residential structures located within the RH-1 (Residential, House Districts, One-Family) zoning district. Single-family residential structures are not conducive to Macro wireless telecommunication facilities. Therefore, these buildings are not the most suitable candidates within the search area.

**Alternative Locations Evaluated: AV, AW, AX & AY
2130, 2142, 2146 & 2150 20th Avenue**



The buildings at 2130, 2142, 2146 & 2150 20th Avenue are single-family residential structures located within the RH-1 (Residential, House Districts, One-Family) zoning district. Single-family residential structures are not conducive to Macro wireless telecommunication facilities. Therefore, these buildings are not the most suitable candidates within the search area.

**Alternative Locations Evaluated: AZ, BA & BB
2118, 2122 & 2126 20th Avenue**



The buildings at 2118, 2122 & 2126 20th Avenue are single-family residential structures located within the RH-1 (Residential, House Districts, One-Family) zoning district. Single-family residential structures are not conducive to Macro wireless telecommunication facilities. Therefore, these buildings are not the most suitable candidates within the search area.

**Alternative Locations Evaluated: BC, BD & BE
2106, 2110 & 2114 Avenue**



The buildings at 2106, 2110 & 2114 20th Avenue are single-family residential structures located within the RH-1 (Residential, House Districts, One-Family) zoning district. Single-family residential structures are not conducive to Macro wireless telecommunication facilities. Therefore, these buildings are not the most suitable candidates within the search area.

**Alternative Location Evaluated – BF
2100 20th Avenue**



The building at 2100 20th Avenue is a single-family residential building located within the RH-1 (Residential, House Districts, One-Family) zoning district. Single-family residential structures are not conducive to Macro wireless telecommunication facilities. Therefore, this building is not the most suitable candidate within the search area.

**Alternative Location Evaluated – BH
943 Quintara Street**



The building at 943 Quintara Street is comprised of a single-family residential building and a narrow strip of undeveloped land located within the RH-2 (Residential, House Districts, Two-Family) zoning district. Single-family residential structures are not conducive to Macro wireless telecommunication facilities. Therefore, this building is not the most suitable candidate within the search area.

**Alternative Locations Evaluated: BI & BJ
2114-2116 & 2118-2120 19th Avenue**



The buildings at 2114-2116 & 2118-2120 19th Avenue are duplex residential structures located within the RH-2 (Residential, House Districts, Two-Family) zoning district. Duplex residential structures are not conducive to Macro wireless telecommunication facilities. Therefore, these buildings are not the most suitable candidates within the search area.

**Alternative Locations Evaluated: BK & BL
2122-2124 & 2126-2128 19th Avenue**



The buildings at 2122-2124 & 2126-2128 19th Avenue are duplex residential structures located within the RH-2 (Residential, House Districts, Two-Family) zoning district. Duplex residential structures are not conducive to Macro wireless telecommunication facilities. Therefore, these buildings are not the most suitable candidates within the search area.

**Alternative Locations Evaluated: BM & BN
2130-2132 & 2134-2136 19th Avenue**



The buildings at 2130-2132 & 2134-2136 19th Avenue are duplex residential structures located within the RH-2 (Residential, House Districts, Two-Family) zoning district. Duplex residential structures are not conducive to Macro wireless telecommunication facilities. Therefore, these buildings are not the most suitable candidates within the search area.

**Alternative Locations Evaluated: BO & BP
2138-2140 & 2142-2144 19th Avenue**



The buildings at 2138-2140 & 2142-2144 19th Avenue are duplex residential structures located within the RH-2 (Residential, House Districts, Two-Family) zoning district. Duplex residential structures are not conducive to Macro wireless telecommunication facilities. Therefore, these buildings are not the most suitable candidates within the search area.

**Alternative Locations Evaluated: BQ & BR
2146-2148 & 2150-2152 19th Avenue**



The buildings at 2146-2148 & 2150-2152 19th Avenue are duplex residential structures located within the RH-2 (Residential, House Districts, Two-Family) zoning district. Duplex residential structures are not conducive to Macro wireless telecommunication facilities. Therefore, these buildings are not the most suitable candidates within the search area.

**Alternative Locations Evaluated: BS & BT
2154-2156 & 2158-2160 19th Avenue**



The buildings at 2154-2156 & 2158-2160 19th Avenue are duplex residential structures located within the RH-2 (Residential, House Districts, Two-Family) zoning district. Duplex residential structures are not conducive to Macro wireless telecommunication facilities. Therefore, these buildings are not the most suitable candidates within the search area.

**Alternative Locations Evaluated: BU & BV
2162-2164 & 2166 19th Avenue**



The buildings at 2162-2164 & 2166 19th Avenue are single-family residential structures located within the RH-2 (Residential, House Districts, Two-Family) zoning district. Single-family residential structures are not conducive to Macro wireless telecommunication facilities. Therefore, these buildings are not the most suitable candidates within the search area.

**Alternative Locations Evaluated: BW & BX
2172 & 2176 19th Avenue**



The buildings at 2172 & 2176 19th Avenue 19th Avenue are single-family residential structures located within the RH-2 (Residential, House Districts, Two-Family) zoning district. Single-family residential structures are not conducive to Macro wireless telecommunication facilities. Therefore, these buildings are not the most suitable candidates within the search area.

**Alternative Locations Evaluated: BY & BZ
2182 & 2186 19th Avenue**



The buildings at 2182 & 2186 19th Avenue 19th Avenue are single-family residential structures located within the RH-2 (Residential, House Districts, Two-Family) zoning district. Single-family residential structures are not conducive to Macro wireless telecommunication facilities. Therefore, these buildings are not the most suitable candidates within the search area.

**Alternative Locations Evaluated: CA & CB
2190 & 2194 19th Avenue**



The buildings at 2190 & 2194 19th Avenue are single-family residential structures located within the RH-2 (Residential, House Districts, Two-Family) zoning district. Single-family residential structures are not conducive to Macro wireless telecommunication facilities. Therefore, these buildings are not the most suitable candidates within the search area.

**Alternative Locations Evaluated: CC
824 Rivera Street**



The building at 824 Rivera Street is a detached residential building located within the RH-1 (Residential, House Districts, One-Family) zoning district. Detached, low-density residential structures are not conducive to Macro wireless telecommunication facilities. Therefore, this building is not the most suitable candidate within the search area.

**Alternative Locations Evaluated: CD & CE
808-828 & 818 Rivera Street**



The buildings at 808-828 & 818 Rivera Street are single-family residential structures located within the RH-1 (Residential, House Districts, One-Family) zoning district. Single-family residential structures are not conducive to Macro wireless telecommunication facilities. Therefore, these buildings are not the most suitable candidates within the search area.

**Alternative Locations Evaluated: CF
2193-2195 18th Avenue**



The building at 2193-2195 18th Street is a single-family residential building located within the RH-1 (Residential, House Districts, One-Family) zoning district. Single-family residential structures are not conducive to Macro wireless telecommunication facilities. Therefore, this building is not the most suitable candidate within the search area.

**Alternative Locations Evaluated: CG & CH
2173 & 2177 18th Avenue**



The buildings at 2173 & 2177 18th Avenue are single-family residential structures located within the RH-1 (Residential, House Districts, One-Family) zoning district. Single-family residential structures are not conducive to Macro wireless telecommunication facilities. Therefore, these buildings are not the most suitable candidates within the search area.

**Alternative Locations Evaluated: CI & CJ
2163 & 2167 18th Avenue**



The buildings at 2163 & 2167 18th Avenue are single-family residential structures located within the RH-1 (Residential, House Districts, One-Family) zoning district. Single-family residential structures are not conducive to Macro wireless telecommunication facilities. Therefore, these buildings are not the most suitable candidates within the search area.

**Alternative Locations Evaluated: CK, CL & CM
2143, 2147 & 2151 18th Avenue**



The buildings at 2143, 2147 & 2151 18th Avenue are single-family residential structures located within the RH-1 (Residential, House Districts, One-Family) zoning district. Single-family residential structures are not conducive to Macro wireless telecommunication facilities. Therefore, these buildings are not the most suitable candidates within the search area.

**Alternative Locations Evaluated: CN & CO
2133 & 2139 18th Avenue**



The buildings at 2133 & 2139 18th Avenue are single-family residential structures located within the RH-1 (Residential, House Districts, One-Family) zoning district. Single-family residential structures are not conducive to Macro wireless telecommunication facilities. Therefore, these buildings are not the most suitable candidates within the search area.

**Alternative Locations Evaluated: CP, CQ, CR & CS
2115, 2119, 2125 & 2129 18th Avenue**



The buildings at 2115, 2119, 2125 & 2129 18th Avenue are single-family residential structures located within the RH-1 (Residential, House Districts, One-Family) zoning district. Single-family residential structures are not conducive to Macro wireless telecommunication facilities. Therefore, these buildings are not the most suitable candidates within the search area.

Alternative Locations Evaluated: CT
2102 18th Avenue



The building at 2193-2195 18th Avenue is a single-family residential building located within the RH-1 (Residential, House Districts, One-Family) zoning district. Single-family residential structures are not conducive to Macro wireless telecommunication facilities. Therefore, this building is not the most suitable candidate within the search area.

**Alternative Locations Evaluated: CU & CV
909 & 915 Quintara Street**



The buildings at 909 & 915 Quintara Street are single-family residential structures located within the RH-1 (Residential, House Districts, One-Family) zoning district. Single-family residential structures are not conducive to Macro wireless telecommunication facilities. Therefore, these buildings are not the most suitable candidates within the search area.

**Alternative Locations Evaluated: CW & CX
925 & 935 Quintara Street**



The buildings at 925 & 935 Quintara Street are single-family residential structures located within the RH-1 (Residential, House Districts, One-Family) zoning district. Single-family residential structures are not conducive to Macro wireless telecommunication facilities. Therefore, these buildings are not the most suitable candidates within the search area.

**Alternative Locations Evaluated: CY, CZ, DA & DB
2201, 2207, 2211-2213 & 2215 19th Avenue**



The buildings at 2201, 2207, 2211-2213 & 2215 19th Avenue are single-family residential structures located within the RH-2 (Residential - House, Two-Family) zoning district. Single-family residential structures are not conducive to Macro wireless telecommunication facilities. Therefore, these buildings are not the most suitable candidates within the search area.

**Alternative Locations Evaluated: DC
2219-2221 19th Avenue**



The buildings at 2219 & 2221 19th Avenue are residential duplex buildings located within the RH-2 (Residential - House, Two-Family) zoning district. Residential duplex structures are not conducive to Macro wireless telecommunication facilities. Therefore, these buildings are not the most suitable candidates within the search area.

**Alternative Locations Evaluated: DD, DE, DF & DG
2200, 2206, 2212 & 2218 20th Avenue**



The buildings at 2200, 2206, 2212 & 2218 20th Avenue are single-family residential structures located within the RH-1 (Residential - House, One-Family) zoning district. Single-family residential structures are not conducive to Macro wireless telecommunication facilities. Therefore, these buildings are not the most suitable candidates within the search area.

**Alternative Locations Evaluated: DH & DI
927 & 935 Rivera Street**



The buildings at 927 & 935 Rivera Street are single-family residential structures located within the RH-1 (Residential - House, One-Family) zoning district. Single-family residential structures are not conducive to Macro wireless telecommunication facilities. Therefore, these buildings are not the most suitable candidates within the search area.

**Alternative Locations Evaluated: DJ
921 Rivera Street**



The building at 921 Rivera Street is a single-family residential structure located within the RH-2 (Residential - House, Two-Family) zoning district. Single-family residential structures are not conducive to Macro wireless telecommunication facilities. Therefore, this building is not the most suitable candidate within the search area.

**Alternative Locations Evaluated: DJ, DL & DM
2201, 2207 & 2211 18th Avenue**



The buildings at 2201, 2207 & 2211 18th Avenue are single-family residential structures located within the RH-2 (Residential - House, Two-Family) zoning district. Single-family residential structures are not conducive to Macro wireless telecommunication facilities. Therefore, this building is not the most suitable candidate within the search area.

**Alternative Locations Evaluated: DN & DO
825 & 831 Rivera Street**



The buildings at 825 & 831 Rivera Street are single-family residential structures located within the RH-1 (Residential - House, Two-Family) zoning district. Single-family residential structures are not conducive to Macro wireless telecommunication facilities. Therefore, this building is not the most suitable candidate within the search area.

**Alternative Locations Evaluated: DQ & DR
2217 & 2223 18th Avenue**



The buildings at 2217 & 2223 18th Avenue are single-family residential structures located within the RH-1 (Residential - House, One-Family) zoning district. Single-family residential structures are not conducive to Macro wireless telecommunication facilities. Therefore, this building is not the most suitable candidate within the search area.

Alternative Site Analysis Table Summary

	Location	Block/Lot	Zoning District	Building Type	WTS Pref.
A	2155 18th Avenue	2199/003	RH-1	Public Building (Fire Department)	1
B	2200 19th Avenue	2331/008		Cable TV Public Utility Structure	1
C	2043 19th Avenue	2139/026	RH-2	Convalescent /Nursing Homes	1
D	1105 Quintara Street	2197/001	RH-1	School (Little Star Pre-School Too)	1
E	2162 24th Avenue	2194/001	Public	Schools (Abraham Lincoln High School)	1
F	2030 19th Avenue	2138/035	RH-2	Church (Holy Word Chirstian Church)	1
G	910 Santiago Street	2329/004A	RH-2	Church (Parkside Gospel Church)	1
H	1090 Quintara Street	2139/025	RH-1	Church (Christ Church Lutheran)	1
I	1201 Ortega Street	2115/037	RH-2	Schools (French School - Lycee Francais)	1
J	1250 Quintara Street	2141/008A	RH-1	Church (Russian American International School)	1
K	2145 19th Avenue	2198/034	RH-2	Office	2
L	2071 19th Avenue	2139/008A	RH-2	Single Family Residential	7
M	2075 19th Avenue	2139/009	RH-2	Single Family Residential	7
N	2079 19th Avenue	2139/010	RH-2	Single Family Residential	7
O	2083 19th Avenue	2139/011	RH-2	Single Family Residential	7
P	2085-2095 19th Avenue	2139/012	RH-2	Commercial - Gas Station	7
Q	2068-2070 19th Avenue	2138/015	RH-2	Single Family Residential	7
R	2073 19th Avenue	2138/014	RH-2	Single Family Residential	7
S	2078-2080 19th Avenue	2138/013	RH-2	Flats/Duplex	7
T	950 Quintara Street	2138/010	RH-2	Apartments (11-Units)	7
U	934 Quintara Street	2138/009	RH-1	Single Family Residential	7
V	930 Quintara Street	2138/008	RH-1	Single Family Residential	7
W	922 Quintara Street	2138/007A	RH-1	Single Family Residential	7
X	1031 Quintara Street	2198/030A	RH-1	Single Family Residential	7
Y	1037 Quintara Street	2198/030	RH-1	Single Family Residential	7
Z	2115 19th Avenue	2198/031, 2198/001, 2198/037	RH-1 & RH-2	Vacant	7
AA	2163-2165 19th Avenue	2198/007	RH-2	Apartment (4-unit)	7
AB	2167 19th Avenue	2198/008	RH-2	Single Family Residential	7
AC	2171 19th Avenue	2198/009	RH-2	Single Family Residential	7
AD	2175 19th Avenue	2198/009A	RH-2	Single Family Residential	7
AE	2179 19th Avenue	2198/010	RH-2	Single Family Residential	7
AF	900 Rivera Street	2198/011	RH-2	Apartment (7-unit)	7
AG	914 Rivera Street	2198/013	RH-1	Single Family Residential	7
AH	920 Rivera Street	2198 /013A	RH-1	Single Family Residential	7
AI	926 Rivera Street	2198/014	RH-1	Single Family Residential	7
AJ	932 Rivera Street	2198/015	RH-1	Single Family Residential	7
AK	938 Rivera Street	2198/016	RH-1	Single Family Residential	7
AL	944 Rivera Street	2198/017	RH-1	Single Family Residential	7

AM	950 Rivera Street	2198/018	RH-1	Single Family Residential	7
AN	2178 20th Avenue	2198/035	RH-1	Single Family Residential	7
AO	2174 20th Avenue	2198/019	RH-1	Single Family Residential	7
AP	2170 20th Avenue	2198/019A	RH-1	Single Family Residential	7
AQ	2166 20th Avenue	2198/019B	RH-1	Single Family Residential	7
AR	2162 29th Avenue	2198/020	RH-1	Single Family Residential	7
AS	2158 29th Avenue	2198/020A	RH-1	Single Family Residential	7
AT	2154 20th Avenue	2198/020B	RH-1	Single Family Residential	7
AU	2152 20th Avenue	2198/021	RH-1	Single Family Residential	7
AV	2150 20th Avenue	2198/021A	RH-1	Single Family Residential	7
AW	2146 20th Avenue	2198/022	RH-1	Single Family Residential	7
AX	2142 20th Avenue	2198/022A	RH-1	Single Family Residential	7
AY	2130 20th Avenue	2198/023	RH-1	Single Family Residential	7
AZ	2126 20th Avenue	2198/024	RH-1	Single Family Residential	7
BA	2122 20th Avenue	2198/025	RH-1	Single Family Residential	7
BB	2118 20th Avenue	2198/036	RH-1	Single Family Residential	7
BC	2114 20th Avenue	2198/026	RH-1	Single Family Residential	7
BD	2110 20th Avenue	2198/027	RH-1	Single Family Residential	7
BE	2106 20th Avenue	2198/028	RH-1	Single Family Residential	7
BF	2100 20th Avenue	2198/029	RH-1	Single Family Residential	7
BH	943 Quintara Street	2199/014A & 014B	RH-2	Vacant & Single Family Residential	7
BI	2114-2116 19th Avenue	2199/014	RH-2	Residential -Duplex (2 Unit)	7
BJ	2118-2120 19th Avenue	2199/013A	RH-2	Residential -Duplex (2 Unit)	7
BK	2122-2124 19th Avenue	2199/013	RH-2	Residential -Duplex (2 Unit)	7
BL	2126-2128 19th Avenue	2199/012B	RH-2	Residential -Duplex (2 Unit)	7
BM	2130-2132 19th Avenue	2199/012A	RH-2	Residential -Duplex (2 Unit)	7
BN	2134-2136 19th Avenue	2199/012	RH-2	Residential -Duplex (2 Unit)	7
BO	2138-2140 19th Avenue	2199/003E	RH-2	Residential -Duplex (2 Unit)	7
BP	2142-2144 19th Avenue	2199/003F	RH-2	Residential -Duplex (2 Unit)	7
BQ	2146-2148 19th Avenue	2199/003G	RH-2	Residential -Duplex (2 Unit)	7
BR	2150-2152 19th Avenue	2199/003H	RH-2	Residential -Duplex (2 Unit)	7
BS	2154-2156 19th Avenue	2199/003I	RH-2	Residential -Duplex (2 Unit)	7
BT	2158-2160 19th Avenue	2199/003J	RH-2	Residential -Duplex (2 Unit)	7
BU	2162-2164 19th Avenue	2199/011B	RH-2	Residential -Duplex (2 Unit)	7
BV	2166 19th Avenue	2199/011A	RH-2	Residential -Duplex (2 Unit)	7
BW	2172 19th Avenue	2199/010	RH-2	Single Family Residential	7
BX	2176 19th Avenue	2199/009	RH-2	Single Family Residential	7
BY	2182 19th Avenue	2199/008C	RH-2	Single Family Residential	7
BZ	2186 19th Avenue	2199/008B	RH-2	Single Family Residential	7
CA	2190 19th Avenue	2199/008A	RH-2	Single Family Residential	7
CB	2194-2196 19th Avenue	2199/008	RH-2	Single Family Residential	7
CC	824 Rivera Street	2199/007	RH-1	Residential -Duplex (2 Unit)	7
CD	818 Rivera Street	2199/006A	RH-1	Single Family Residential	7
CE	808 & 828 Rivera Street	2199/006	RH-1	Single Family Residential	7
CF	2193-2195 18th Avenue	2199/005	RH-1	Single Family Residential	7

CG	2177 18th Avenue	2199/004	RH-1	Single Family Residential	7
CH	2173 18th Avenue	2199/004A	RH-1	Single Family Residential	7
CI	2167 18th Avenue	2199/004B	RH-1	Single Family Residential	7
CJ	2163 18th Avenue	2199/004C	RH-1	Single Family Residential	7
CK	2151 18th Avenue	2199/003D	RH-1	Single Family Residential	7
CL	2147 18th Avenue	2199/003C	RH-1	Single Family Residential	7
CM	2143 18th Avenue	2199/003B	RH-1	Single Family Residential	7
CN	2139 18th Avenue	2199/003A	RH-1	Single Family Residential	7
CO	2133 18th Avenue	2199/002A	RH-1	Single Family Residential	7
CP	2129 18th Avenue	2199/002	RH-1	Single Family Residential	7
CQ	2125 18th Avenue	2199/001E	RH-1	Single Family Residential	7
CR	2119 18th Avenue	2199/001D	RH-1	Single Family Residential	7
CS	2115 18th Avenue	2199/001A	RH-1	Single Family Residential	7
CT	2101 18th Avenue	2199/001	RH-1	Single Family Residential	7
CU	909 Quintara Street	2199/001B	RH-1	Single Family Residential	7
CV	915 Quintara Street	2199/001C	RH-1	Single Family Residential	7
CW	925 Quintara Street	2199/014D	RH-1	Single Family Residential	7
CX	935 Quintara Street	2199/014C	RH-1	Single Family Residential	7
CY	2201 19th Avenue	2330/001	RH-2	Single Family Residential	
CZ	2207 19th Avenue	2330/001B	RH-2	Single Family Residential	7
DA	2211-2213 19th Avenue	2330/002	RH-2	Single Family Residential	7
DB	2215 19th Avenue	2330/002	RH-2	Single Family Residential	7
DC	2219-2221 19th Avenue	2330/004	RH-2	Residential -Duplex (2 Unit)	7
DD	2218 20th Avenue	2330/013	RH-1	Residential -Duplex (2 Unit)	7
DE	2212 20th Avenue	2330/014	RH-1	Single Family Residential	7
DF	2206 20th Avenue	2330/014A	RH-1	Single Family Residential	7
DG	2200 20th Avenue	2330/014B	RH-1	Single Family Residential	7
DH	935 Rivera Street	2330/014C	RH-1	Single Family Residential	7
DI	927 Rivera Street	2330/015	RH-1	Single Family Residential	7
DJ	921 Rivera Street	2330/001A	RH-1	Single Family Residential	7
DK	2201 18th Avenue	2331/001	RH-1	Single Family Residential	7
DL	825 Rivera Street	2331/012	RH-1	Single Family Residential	7
DM	831 Rivera Street	2331/002B	RH-1	Single Family Residential	7
DN	2200 19th Avenue	2331/008	RH-1	Office	7
DO	2223 18th Avenue	2331/002	RH-1	Single Family Residential	7
DP	2217 18th Avenue	2331/001B	RH-1	Single Family Residential	7
DQ	2211 18th Avenue	2331/001C	RH-1	Single Family Residential	7
DR	2207 18th Avenue	2331/001D	RH-1	Single Family Residential	7

Please see Attachment G, which is a map that identifies each of the alternative sites discussed above.

**NOTICE OF COMMUNITY OUTREACH MEETING ON A WIRELESS COMMUNICATION FACILITY
PROPOSED IN YOUR NEIGHBORHOOD**

To: Neighborhood Groups and Neighbors & Owners within 500' radius of 2121 19th Avenue

Meeting Information

New Date: Tuesday, March 13, 2012
Time: 7:00 p.m. to 8:30 p.m.
Where: Taraval Police Station
2345 - 24th Ave.
San Francisco, CA 94116

Site Information

Address: 2121 19th Avenue
Block/Lot 2198 / 033
Zoning: RH-2

Applicant

AT&T Mobility

Contact Information

AT&T Mobility Hotline
(415) 646-0972

AT&T Mobility is proposing a wireless communication facility at 2121 19th Avenue 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. The antennas will be placed behind new radio frequency screen wall on the roof of the building so that they are not visible to the public. The associated equipment would be located within a storage room on the ground. 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 Taraval Police Station, 2345 - 24th Avenue on Tuesday March 13, 2012 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 Michelle Stahlhut, staff planner with the City of San Francisco Planning Department at (415) 575-9116 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, March 9, 2012 and we will make every effort to provide you with an interpreter.

**NOTIFICACIÓN DE REUNIÓN DE ALCANCE COMUNITARIO SOBRE UNA INSTALACIÓN DE
COMUNICACIONES INALÁMBRICAS PROPUESTA PARA SU VECINDARIO**

Para: Grupos del vecindario, vecinos y propietarios dentro de un radio de 500' de 2121 19th Avenue

Información de la reunión

Nueva Fecha: Martes, 13 de marzo de 2012
Hora: 7:00 p.m. a 8:30 p.m.
Dónde: Estación de Policía Taraval
2345 - 24th Ave.
San Francisco, CA 94116

Información del lugar

Dirección: 2121 19th Avenue
Cuadra/Lote 2198/033
Zonificación: RH-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 2121 19th Avenue 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. Las antenas se colocarán detrás de mamparas de radio frecuencia nuevas en el techo del edificio para que no se vean. El equipo asociado estará ubicado dentro de una habitación de almacenaje en la planta baja. 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 la Estación de Policía Taraval, 2345 - 24th Avenue el martes 13 de marzo de 2012 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 Michelle Stahlhut, planificador del Departamento de Planificación de la Ciudad de San Francisco al (415) 575-9116 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 9 de marzo de 2012 a las 5:00 p.m., y haremos todos lo posible para proporcionarle un intérprete.

關於計畫在您所在街區安裝一座無線通信設施的社區資訊通報會通知

致：19號大街2121號周圍五百英尺內的居民組織、居民和業主

會議資訊

新日期： 2012年3月13日（星期二）
時間： 下午 7:00-8:30
地點： 加利福尼亞州三藩市24號大街
2345號Taraval警察局（郵遞區號94116）

設施地點資訊

地址：19號大街2121號
街區/地段：2198/033
分區：RH-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19號大街2121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 站為無人操作設施，需要安裝九(9) 根平板天線。這些天線將被放置該建築屋頂上新建的射頻幕牆後，公眾從外面看不到這些天線。相關設備將被放置在底層的一間儲藏室內。我們在會上將提供計畫書和類比圖片供您參考。我們誠邀您參加定於 2012年3月13日（星期二）下午 7:00 在24號大街2345號Taraval警察局召開的社區資訊通報會，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。如果您對本規劃程式有任何疑問，請致電 (415) 575-9116與三藩市城市規劃局的規劃員Michelle Stahlhut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2012年3月9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。

March 14, 2012

Adrian Putra, Planner
San Francisco Department of Planning
1650 Mission Street, 4th Floor
San Francisco, CA 94103

Re: Community Meeting for proposed AT&T Mobility facility at 2121 19th Avenue

Dear Mr. Putra

On March 13, 2012, AT&T Mobility conducted a community outreach meeting regarding the proposed wireless facility at 2121 19th Avenue (2011.1368C). The meeting was held at the Taraval Police Station at 2345 24th Avenue, San Francisco, CA 94116 from 7-8:30 p.m. Notification of the outreach meeting was sent out on February 28, 2012 to 329 owners and tenants within 500 feet of the proposed installation and 12 neighborhood organizations.

Corey Alvin conducted the meeting for AT&T Mobility, as the project sponsor. Tedi Vriheas of AT&T's External Affairs, Bill Hammett with Hammett and Edison, Inc., Luis Cuadra with Berg Davis Public Affairs, and Vivian and Dorothy from American Language Services, who provided Mandarin and Cantonese interpretation services, were also there to answer any questions regarding the proposed wireless facility. The meeting lasted over one and a half hours and the community members' questions and concerns were appropriately addressed.

Prior to the meeting, Mr. Alvin returned a phone call from Ms. Senta Anderson's, a community member. The meeting was attended by seventeen (17) community members, 12 of whom were non-English speaking and required the services of either a Mandarin or Cantonese interpreter. The questions asked varied in topic and included: the difference between coverage and capacity, how many dropped calls AT&T experiences during peak hours, how many watts does the new site have versus the existing site, what would occur to the site if there was an earthquake, whether or not it was possible to block RF from entering your home, whether or not there are alternatives to addressing the coverage gap besides the installation of this facility, and where the associated equipment would be located and what sort of noise would it create.

All questions and concerns of the community were addressed and four members left contact information to schedule an RF test of their house.

Please find the Affidavit of Conducting a Community Outreach Meeting and the mailed Community Meeting notice attached. The 500 foot mailing list was submitted with the Zoning application.

Please contact me if you have any questions or concerns.

Sincerely,

Carolyn Barry
KDI Planning, representing AT&T Mobility

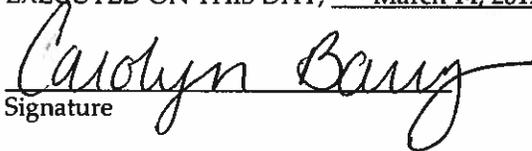
Affidavit of Conducting a Community Outreach Meeting

I, Carolyn Barry, do hereby declare as follows:
(print name)

1. I have conducted a **Community Outreach Meeting** for the proposed wireless telecommunication facility in accordance with Planning Commission Resolution No. 16539.
2. The meeting was conducted at the Taraval Police Station at 2345 24th Avenue (location/address) on March 13, 2012 (date) from 7pm – 8:30 pm (time).
3. I have included the **meeting notice, sign-in sheet and summary letter** with this affidavit and a copy of the **mailing list and reduced plans** with the Conditional Use Application. I understand that I am responsible for the accuracy of this information and that erroneous information may lead to suspension or revocation of the permit.
4. I have prepared these materials in good faith and to the best of my ability.

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

EXECUTED ON THIS DAY, March 14, 2012 IN SAN FRANCISCO


Signature

Carolyn Barry, KDI
Name (type or print)

Agent representing AT&T Mobility
Relationship to Project, e.g., Owner, Agent
(if Agent, give business name and profession)

2121 19th Avenue
Project Address



at&t

19th Ave. & Quintara Street, Community Meeting
March 13, 2012

Name	Address	Phone/Email
Cora Geller	20741 8th Ave	
Jally Torres	2074 19th Ave	
Kuo yu ling	831 RIVER ST	
King Wong	831 RIVER ST	
Paul Lui	2143-21 ST AVE	
Lin & Wu	932 Rivera St.	
TIMA Yu	2142-20 TH AVE.	
Bing on Yee	2142-20 TH AVE.	
Korn Po Wong	831 Rivera St.	
John F Manning	2154 21 ST	
Sherry Ching	825 Rivera St.	



HAMMETT & EDISON, INC.
 CONSULTING ENGINEERS
 BROADCAST & WIRELESS

WILLIAM F. HAMMETT, P.E.
 DANE E. ERICKSEN, P.E.
 STANLEY SALEK, P.E.
 ROBERT P. SMITH, JR.
 RAJAT MATHUR, P.E.
 KENT A. SWISHER
 ANDREA L. BRIGHT

ROBERT L. HAMMETT, P.E.
 1920-2002
 EDWARD EDISON, P.E.
 1920-2009

BY E-MAIL DM1438@ATT.COM

November 13, 2012

Ms. Debra Mulgannon
 AT&T Mobility
 Area Manager San Francisco
 430 Bush Street
 San Francisco, California 94108

Dear Debra:

As you requested, we have conducted the review required by the City of San Francisco of the coverage maps that AT&T Mobility will submit as part of its application package for its base station proposed to be located at 2131 19th Avenue (Site No. CN5868). This is to fulfill the submittal requirements for Planning Department review.

Executive Summary

We concur with the maps, data, and conclusions provided by AT&T. The maps provided to show the before and after conditions accurately represent the carrier's present and post-installation coverage.

AT&T proposes to install nine Andrew directional panel antennas – six Model DBXNH-6565A-R2M and three Model TBXLHB-6565A-R2M – within a view screen enclosure to be installed above the roof of the two-story commercial building located at 2131 19th Avenue. The antennas would be mounted with up to 6° downtilt at an effective height of about 33 feet above ground, 5½ feet above the roof, and would be oriented in identical groups of three toward 30°T, 120°T, and 260°T. The maximum effective radiated power proposed by AT&T in any direction is 10,370 watts, representing simultaneous operation at 1,820 watts for AWS,* 5,900 watts for PCS, 1,870 watts for cellular, and 780 watts for 700 MHz service.

AT&T provided for review two pairs of coverage maps, dated October 24, 2012, separately showing AT&T's cellular UMTS (850 MHz) and 4G LTE (700 MHz) coverage in the area before and after the site is operational. Both the before and after UMTS maps show three levels of coverage, which AT&T colors and defines as follows:

- | | |
|---------------|--|
| Green | Acceptable service coverage during high demand periods |
| Hashed Yellow | Service coverage gap during high demand periods |
| Pink | Service coverage gap during all demand periods |

* AT&T has subsequently relinquished its AWS channels.

Ms. Debra Mulgannon, page 2
November 13, 2012

The 4G LTE maps do not differentiate between demand periods; rather they indicate, with the color blue, locations where 4G service is and would be acceptable.

We undertook a two-step process in our review. As a first step, we obtained information from AT&T on the software and the service thresholds that were used to generate its coverage maps. This carrier uses commercially available software to develop its coverage maps. The thresholds that AT&T uses to determine acceptable coverage are in line with industry standards, similar to the thresholds used by other wireless service providers.

As a second step, we conducted our own drive test to measure the actual AT&T UMTS and 4G LTE signal strength in the vicinity of the proposed site. Our fieldwork was conducted on November 5, 2012, between 5:10 PM and 7:30 PM, during the peak time (4:30 to 10:30 PM) for data and voice traffic shown in the 24-hour traffic profile provided by AT&T for this area.

The field measurements were conducted using an Ascom TEMS Pocket network diagnostic tool with built-in GPS along a measurement route selected to cover all the streets within the map area that AT&T had indicated would receive improved service.

Based on the measurement data, we conclude that the UMTS and the 4G LTE AT&T coverage maps showing the service area without the proposed installation accurately represent the carrier's present coverage. The maps submitted to show the after coverage with the proposed new base station in operation were prepared on the same basis as the maps of existing conditions and so are expected to accurately illustrate the improvements in coverage.

We appreciate the opportunity to be of service. Please let us know if any questions arise on this matter.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Bill Hammett", with a long horizontal stroke extending to the right.

William F. Hammett, P.E.

tm



at&t

19TH AVE & QUINTARA ST
 2121 19TH AVE
 SAN FRANCISCO, CA 94116
 CN5868

19TH AVE
 &
 QUINTARA ST

CN5868
 2121 19TH AVE
 SAN FRANCISCO, CA 94116

ISSUE STATUS

Δ	DATE	DESCRIPTION	BY
	12/02/11	ZD 90%	C.C.
	12/06/11	ZD 100%	K.S.
	-	-	-
	-	-	-
	-	-	-
	-	-	-

DRAWN BY: C. CODY
 CHECKED BY: J. GRAY
 APPROVED BY: -
 DATE: 12/06/11

Streamline Engineering and Design, Inc.
 3288 Pennyn Rd, Suite 200 Loomis, CA 95650
 Contact: Larry Houghby Phone: 916-275-4180
 E-Mail: larry@streamlineeng.com Fax: 916-660-1941

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PROJECT DESCRIPTION

A (P) UNMANNED TELECOMMUNICATION FACILITY CONSISTING OF ADDING (2) (P) AT&T RBS CABINETS, (4) (P) PURCELL CABINETS & A (P) RBA72 CABINET TO A (P) 86 SQFT AT&T LEASE AREA. ALSO ADDING (9) (P) AT&T ANTENNAS BEHIND A (P) FRP SCREEN WALL PAINT & STUCCO TO MATCH THE (E) BUILDING.

VICINITY MAP



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:

- 2010 CALIFORNIA ADMINISTRATIVE CODE (INCL. TITLES 24 & 25)
- 2010 CALIFORNIA BUILDING CODE
- 2010 CALIFORNIA ELECTRICAL CODE
- 2010 CALIFORNIA MECHANICAL CODE
- 2010 CALIFORNIA PLUMBING CODE
- 2010 CITY OF SAN FRANCISCO FIRE CODE
- LOCAL BUILDING CODES
- CITY/COUNTY ORDINANCES
- 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

PROJECT INFORMATION

SITE NAME:	19TH AVE & QUINTARA ST	SITE #:	CN5868
COUNTY:	SAN FRANCISCO	JURISDICTION:	CITY OF SAN FRANCISCO
BLOCK/LOT:	2198-033	POWER:	PG&E
SITE ADDRESS:	2121 19TH AVE SAN FRANCISCO, CA 94116	TELEPHONE:	AT&T
CURRENT ZONING:	RH-2		
CONSTRUCTION TYPE:	II		
OCCUPANCY TYPE:	U (UNMANNED COMMUNICATIONS FACILITY)		
PROPERTY OWNER:	STEPHEN & PAMELA PASQUAN C/O CHARTER PROPERTIES 2300 BRIDGEWAY SAUSALITO, CA 94965		
APPLICANT:	AT&T 4430 ROSEWOOD DR BLDG 3, 6TH FLOOR PLEASANTON, CA 94588		
LEASING CONTACT:	ATTN: COREY ALVIN (415) 760-9763		
ZONING CONTACT:	ATTN: MIKE MARCUS (805) 234-2409		
CONSTRUCTION CONTACT:	ATTN: COREY VANDE VOORT (707) 514-5444		
LATITUDE:	N 37° 44' 52.20" NAD 83		
LONGITUDE:	W 122° 28' 34.54" NAD 83		
AMSL:	±450.5'		

DRIVING DIRECTIONS

FROM: 430 BUSH ST, 5TH FLOOR, SAN FRANCISCO, CA 94108
 TO: 2121 19TH AVE, SAN FRANCISCO, CA 94116

- START OUT GOING EAST ON BUSH ST TOWARD CLAUDE LN. 0.0 MI
- TURN LEFT ONTO KEARNY ST. 0.1 MI
- TURN LEFT ONTO PINE ST. 1.0 MI
- TURN LEFT ONTO VAN NESS AVE/US-101 S. 0.3 MI
- TURN RIGHT ONTO GEARY BLVD. 1.9 MI
- TURN LEFT ONTO STANYAN ST. 0.5 MI
- TURN RIGHT ONTO FULTON ST. 0.9 MI
- TURN RIGHT ONTO PARK PRESIDIO BLVD/CA-1. 0.1 MI
- MAKE A U-TURN ONTO CA-1. 2.3 MI

END AT: 2121 19TH AVE, SAN FRANCISCO, CA 94116
 ESTIMATED TIME: 18 MINUTES ESTIMATED DISTANCE: 7.11 MILES

SHEET INDEX

SHEET	DESCRIPTION	REV
T-1	TITLE SHEET	-
LS-1	SITE SURVEY	-
A-1	SITE PLAN	-
A-2	ENLARGED SITE PLAN	-
A-3	EQUIPMENT PLAN & DETAILS	-
A-4	ANTENNA PLAN & DETAILS	-
A-5	ELEVATIONS	-
A-6	ELEVATIONS	-
A-7	DETAILS	-

APPROVAL

RF
LEASING
ZONING
CONSTRUCTION
AT&T
ERICSSON

at&t



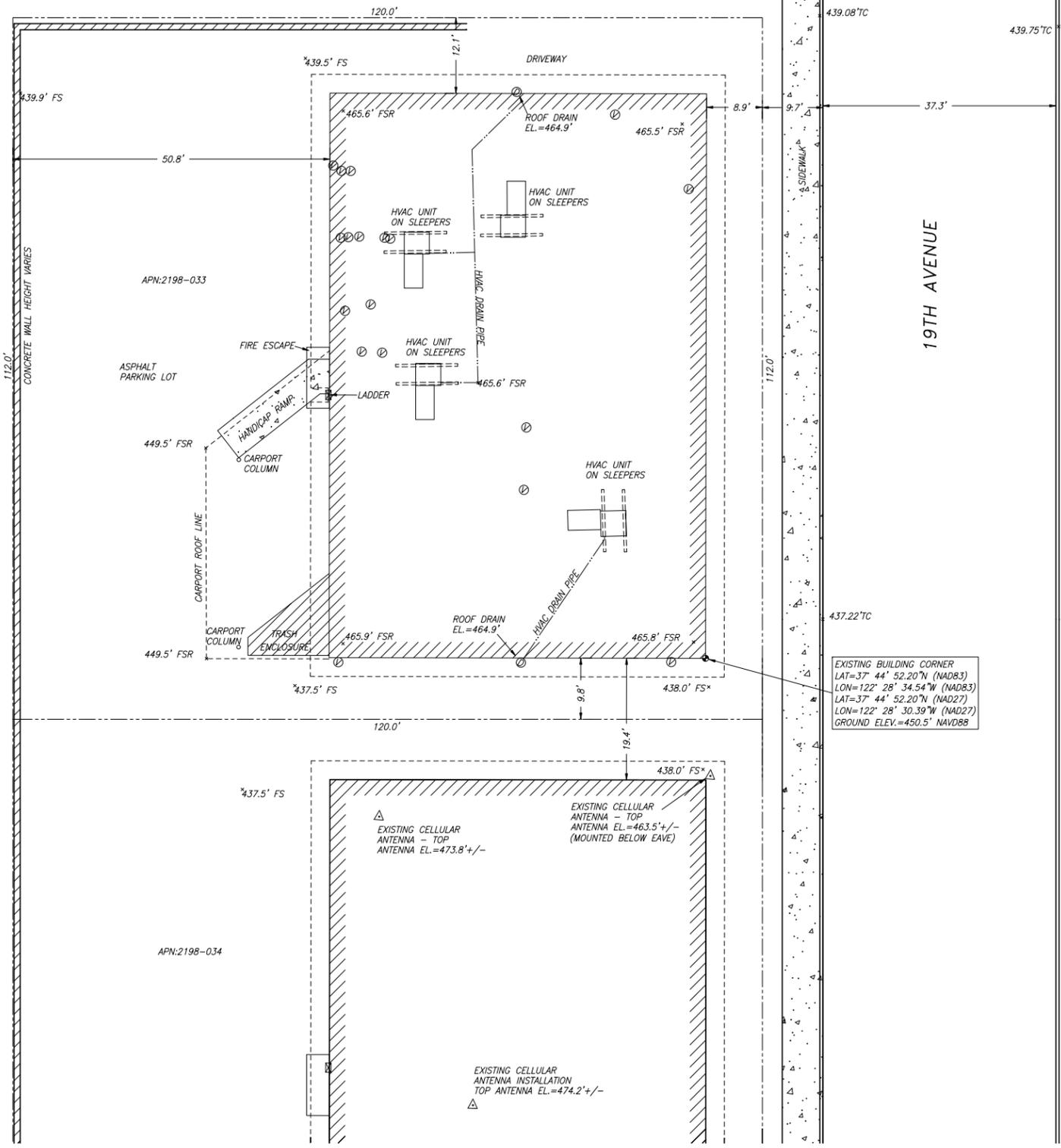
4430 ROSEWOOD DR BLDG 3, 6TH FLOOR
 PLEASANTON, CA 94588

SHEET TITLE:

TITLE

SHEET NUMBER:

T-1



EXISTING BUILDING CORNER
 LAT=37° 44' 52.20"N (NAD83)
 LON=122° 28' 34.54"W (NAD83)
 LAT=37° 44' 52.20"N (NAD27)
 LON=122° 28' 30.39"W (NAD27)
 GROUND ELEV.=450.5' NAVD88



ROOFTOP / TOPOGRAPHIC SURVEY
 1"=10'

LEGEND

---	PROPERTY LINE
---	FLOW LINE
TEL	TELEPHONE LINE
E	ELECTRIC LINE
E&T	ELEC. & TEL. LINES
x	FENCE
⊕	FIRE HYDRANT
— —	GUY WIRE
⊙	STREET SIGN
⊙	STREET LIGHT
⊕	WATER VALVE
FS	FINISH SURFACE
FL	FLOW LINE
FSR	FINISH SURFACE ROOF
TC	TOP OF CURB
BFC	BOTTOM FACE OF CURB
TW	TOP OF WALL
BW	BOTTOM OF WALL
TBW	TOP BACK OF WALK
⊙	GROUND WELL
⊙	ROOF DRAIN
⊙	BOLLARD
⊙	VENT

LEGAL DESCRIPTION

PARENT PARCEL
PENDING RECEIPT OF PRELIMINARY TITLE REPORT

LEASE AREA
PENDING RECEIPT OF PRELIMINARY TITLE REPORT

TOGETHER WITH THE RIGHT OF ACCESS TO THE PROPOSED ANTENNA LOCATIONS, AS SHOWN HEREON, TOGETHER WITH A 2.5' WIDE CO-AXIAL CABLE AND UTILITY EASEMENT FROM THE ABOVE DESCRIBED LEASE PREMISES TO THE PROPOSED ANTENNA LOCATIONS, AS SHOWN HEREON TOGETHER WITH THE RIGHTS OF INGRESS AND EGRESS BETWEEN THE PREVIOUSLY DESCRIBED LEASE AREA AND THE PUBLIC RIGHT OF WAY AND THE RIGHT TO INSTALL AND MAINTAIN UTILITIES NECESSARY FOR THE OPERATION OF THE FACILITY TO BE INSTALLED WITHIN THE PREVIOUSLY DESCRIBED LEASE AREA.

SURVEY NOTES

1. ALL LATITUDES AND LONGITUDES ARE NAD 83, ALL ELEVATIONS ARE NAVD 88 (UNLESS NOTED OTHERWISE).
2. ALL BOUNDARY INFORMATION SHOWN HEREON HAS BEEN COMPILED FROM RECORD DATA. SUFFICIENT MONUMENTATION WAS NOT RECOVERED IN THE FIELD TO ADEQUATELY LOCATE THE PARCEL BOUNDARY. WITH ADDITIONAL FIELD SURVEYING AND DOCUMENT RESEARCH THE BOUNDARY SHOWN HEREON MAY CHANGE.
3. DATE OF FIELD SURVEY MAY 4, 2011.
4. NO PRELIMINARY TITLE REPORT HAS BEEN PROVIDED, ANY EASEMENTS OR OTHER TITLE RELATED ISSUES NOT INCLUDED IN SAID REPORT WHICH ARE PART OF THE TITLE PROCESS MAY OR MAY NOT HAVE BEEN ADDRESSED, TIMOTHY F. SCHAD, L.S. ACCEPTS NO RESPONSIBILITY OR LIABILITY FOR BOUNDARY OR TITLE ITEMS ADDRESSED HEREON. THIS IS NOT A BOUNDARY SURVEY.

1-A ACCURACY CERTIFICATION

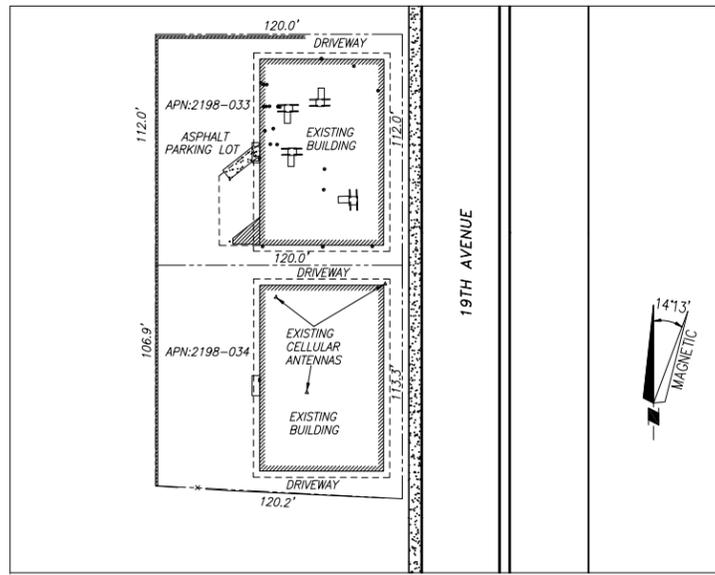
PENDING FINAL LOCATION OF ANTENNAE

THE ACCURACY STANDARDS FOR THIS CERTIFICATION ARE AS FOLLOWS:

GEODETIC COORDINATES: +/- FIFTEEN (15) FEET (NAD-83)
 ELEVATIONS: +/- THREE (3) FEET (NAVD-88)



VICINITY MAP
 NO SCALE



OVERALL PARCEL
 1"=40'

ISSUE STATUS

DATE	DESCRIPTION	REV
5-4-11	PRELIM.	TS
5-5-11	ADD OVERALL	TS

TIMOTHY SCHAD, L.S.
 10699 ROUND VALLEY RD.
 GRASS VALLEY, CA. 95949 PHONE
 (530) 271-7477
 FAX: (530) 271-7377



DATE



CN-5868
"QUINTARA & 17TH"
 2131 19TH AVENUE
 SAN FRANCISCO, CA 94116
 SAN FRANCISCO COUNTY
 APN: 2198-033

SHEET TITLE:
 SITE SURVEY

**19TH AVE
&
QUINTARA ST**

CN5868
2121 19TH AVE
SAN FRANCISCO, CA 94116

ISSUE STATUS

Δ	DATE	DESCRIPTION	BY
	12/02/11	ZD 90%	C.C.
	12/06/11	ZD 100%	K.S.
	-	-	-
	-	-	-
	-	-	-

DRAWN BY: C. CODY

CHECKED BY: J. GRAY

APPROVED BY: -

DATE: 12/06/11

Streamline Engineering
and Design, Inc.

3288 Penryn Rd, Suite 200 Loomis, CA 95650
Contact: Larry Houghtby Phone: 916-275-4180
E-Mail: larry@streamlineeng.com Fax: 916-660-1941

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SITE PLAN
1"=20'-0"



at&t

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

SHEET TITLE:
SITE PLAN

SHEET NUMBER:
A-1

**19TH AVE
&
QUINTARA ST**

CN5868
2121 19TH AVE
SAN FRANCISCO, CA 94116

ISSUE STATUS

Δ	DATE	DESCRIPTION	BY
	12/02/11	ZD 90%	C.C.
	12/06/11	ZD 100%	K.S.
	-	-	-
	-	-	-
	-	-	-

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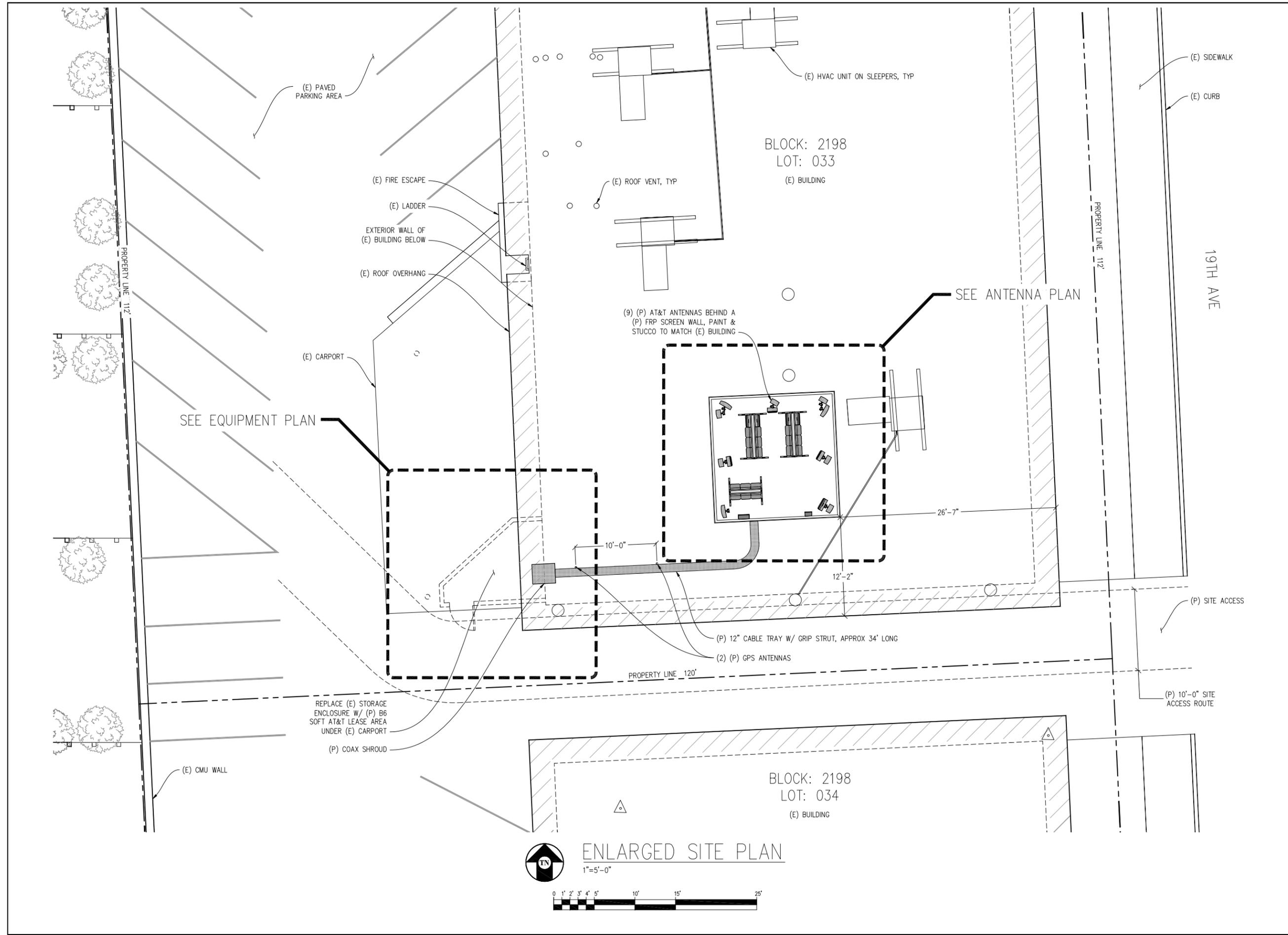
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**4430 ROSEWOOD DR BLDG 3, 6TH FLOOR
PLEASANTON, CA 94588**

SHEET TITLE:
ENLARGED
SITE PLAN

SHEET NUMBER:
A-2



ENLARGED SITE PLAN
1"=5'-0"

19TH AVE & QUINTARA ST

CN5868
2121 19TH AVE
SAN FRANCISCO, CA 94116

ISSUE STATUS

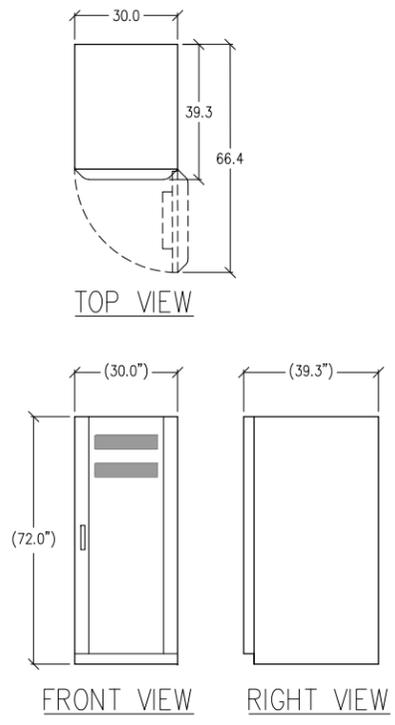
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	12/02/11	ZD 90%	C.C.
	12/06/11	ZD 100%	K.S.
	-	-	-
	-	-	-
	-	-	-

DRAWN BY: C. CODY
CHECKED BY: J. GRAY
APPROVED BY: -
DATE: 12/06/11

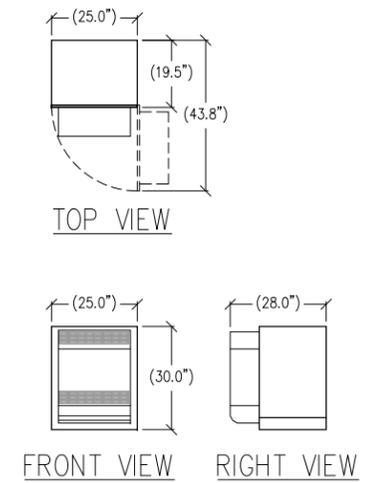
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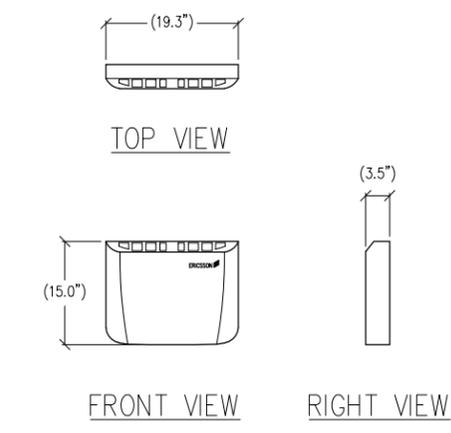
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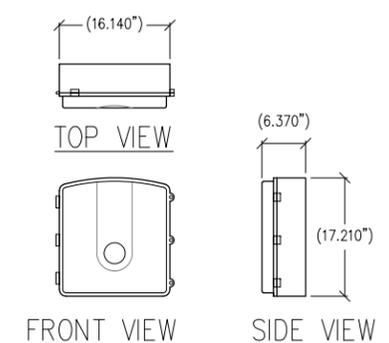
1 **CABINET DETAIL**
1/2"=1'-0"
COMMSCOPE RBA72 CABINET



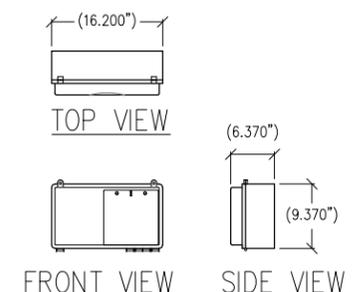
2 **PURCELL DETAIL**
1/2"=1'-0"
PURCELL FLX16WS LTE & UMTS SOLUTION CABINET



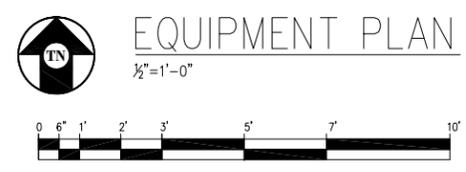
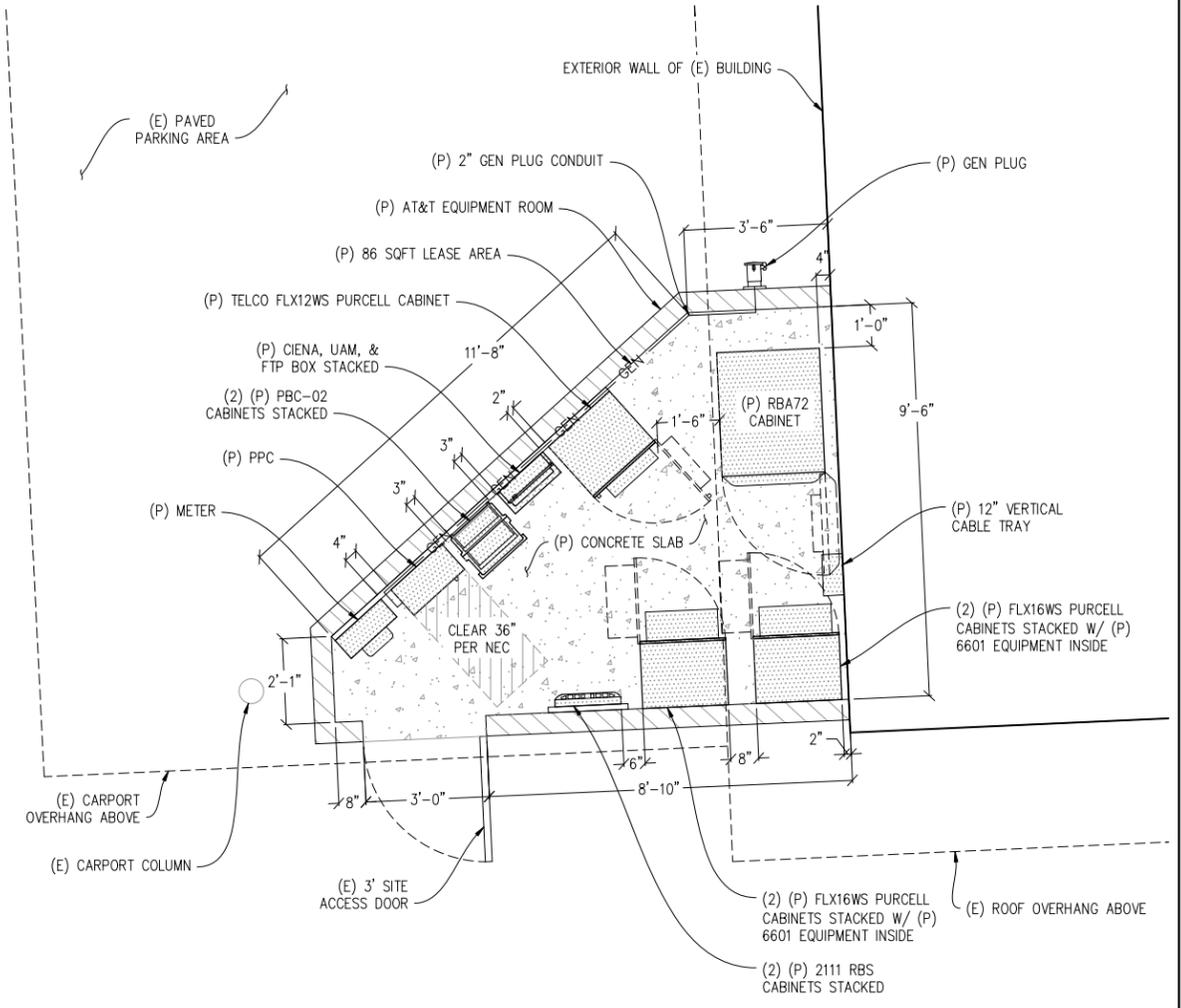
3 **RBS 2111 DETAIL**
1"=1'-0" WEIGHT = 15.5LBS
ERICSSON RBS 2111



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



5 **UAM DETAIL**
1"=1'-0"

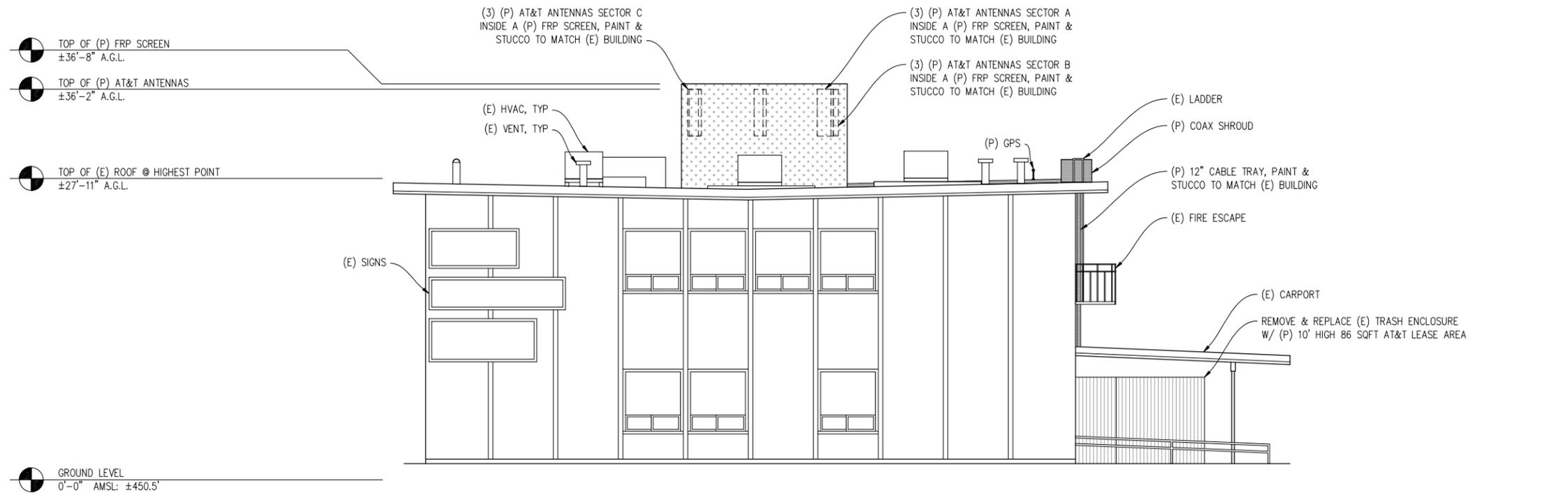


at&t

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

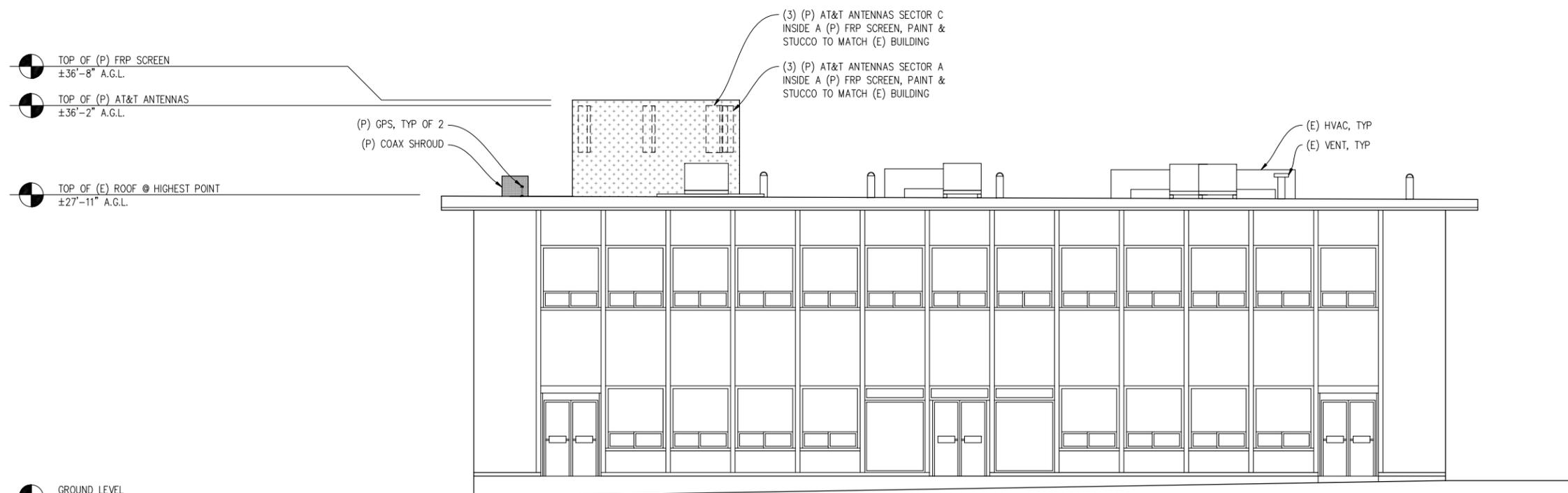
SHEET TITLE:
EQUIPMENT PLAN & DETAILS

SHEET NUMBER:
A-3



NORTH ELEVATION
 $\frac{3}{16}''=1'-0''$

VIEW FROM QUINTARA ST



EAST ELEVATION
 $\frac{3}{16}''=1'-0''$

VIEW FROM 19TH AVE

19TH AVE
 &
 QUINTARA ST

CN5868
 2121 19TH AVE
 SAN FRANCISCO, CA 94116

ISSUE STATUS

Δ	DATE	DESCRIPTION	BY
	12/02/11	ZD 90%	C.C.
	12/06/11	ZD 100%	K.S.
	-	-	-
	-	-	-
	-	-	-

DRAWN BY: C. CODY
 CHECKED BY: J. GRAY
 APPROVED BY: -
 DATE: 12/06/11

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 and Design, Inc.

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 PLEASANTON, CA 94588

SHEET TITLE:
 ELEVATIONS
 SHEET NUMBER:
 A-5

19TH AVE & QUINTARA ST

CN5868
2121 19TH AVE
SAN FRANCISCO, CA 94116

ISSUE STATUS

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	12/02/11	ZD 90%	C.C.
	12/06/11	ZD 100%	K.S.
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	-	-	-
	-	-	-

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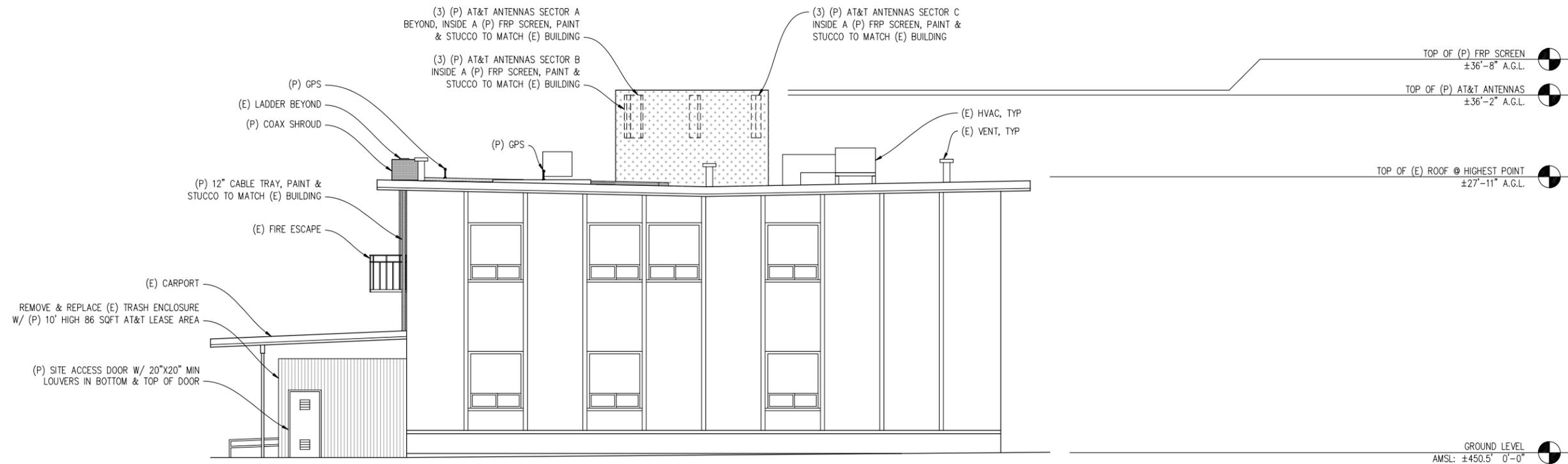
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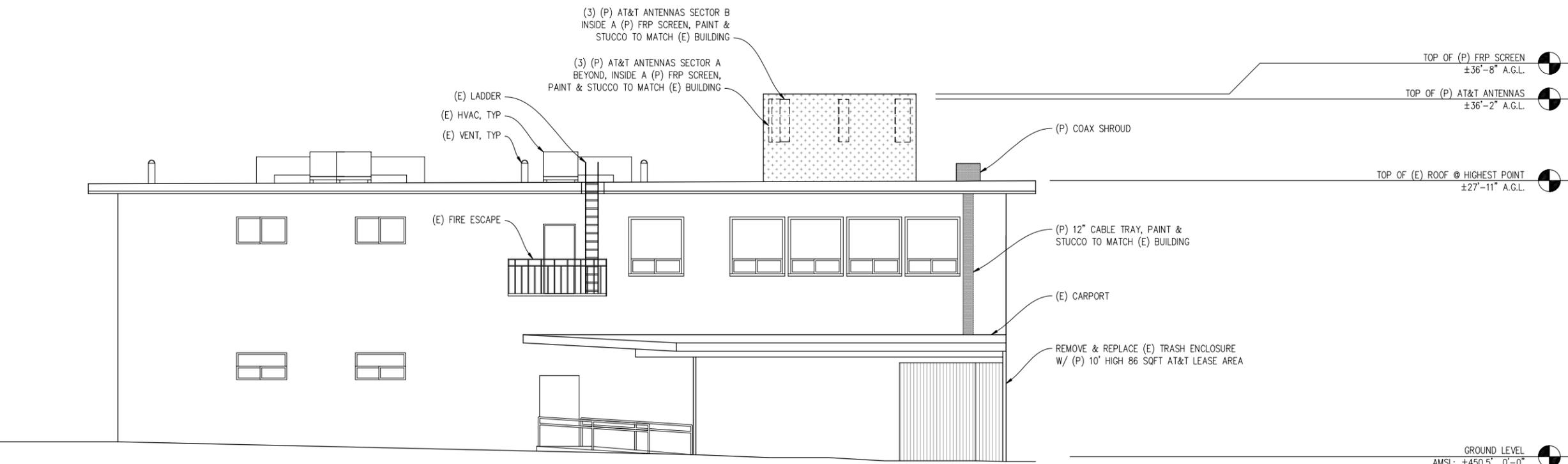
SHEET TITLE:
ELEVATIONS
SHEET NUMBER:
A-6



SOUTH ELEVATION

3/16"=1'-0"

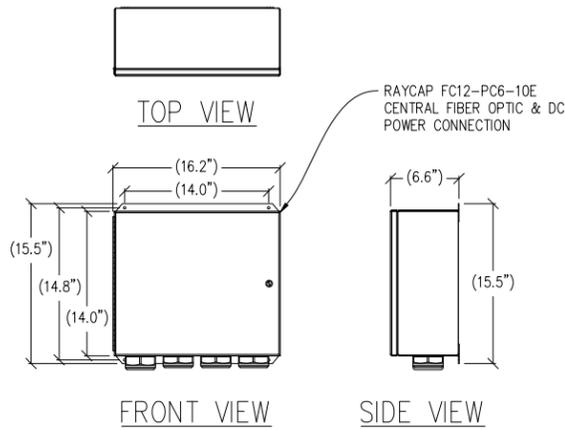
VIEW FROM RIVERA ST



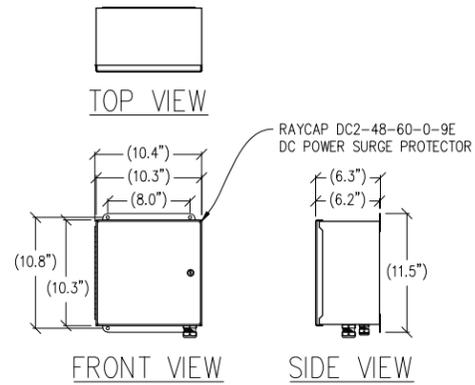
WEST ELEVATION

3/16"=1'-0"

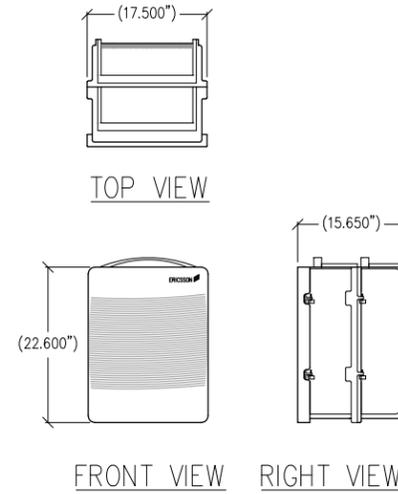
VIEW FROM 20TH ST



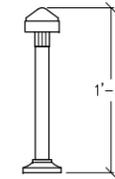
① SPLICE BOX DETAIL
1/2"=1'-0"



② DC SURGE SUPPRESSION DETAIL
1/2"=1'-0"



③ PBC-02 & BATTERY UNIT DETAIL
1"=1'-0" WEIGHT = 143.3LBS



④ GPS DETAIL
1"=6"

19TH AVE
&
QUINTARA ST

CN5868
2121 19TH AVE
SAN FRANCISCO, CA 94116

ISSUE STATUS

Δ	DATE	DESCRIPTION	BY
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	12/06/11	ZD 100%	K.S.
	-	-	-
	-	-	-
	-	-	-

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at&t

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

SHEET TITLE:
DETAILS
SHEET NUMBER:
A-7