SAN FRANCISCO
PLANNING DEPARTMENT

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Executive Summary
Conditional Use Authorization

HEARING DATE: APRIL 18, 2013
(CONTINUED FROM MARCH 14TH HEARING)

Date:	April 11, 2013
Case No.:	**2011.1369C**
Project Address:	**3682 18th Street**
Current Zoning:	NC-1 (Neighborhood Commercial, Cluster) 40-X Height and Bulk District
Block/Lot:	3578/027
Project Sponsor:	AT&T Mobility represented by Corey Alvin, KDI Planning 100 Clement Street, 3rd Floor San Francisco, CA 94108
Staff Contact:	Omar Masry – (415) 575-9116 Omar.Masry@sfgov.org

PROJECT DESCRIPTION

The proposal is to install a wireless telecommunications services ("WTS") facility consisting of up to four panel antennas located within four faux vent pipes on the roof along with equipment located within the basement of an existing mixed-use building as part of AT&T Mobility's telecommunications network. According to the WTS Siting Guidelines, the Project Site is considered a Location Preference 6 Site (Limited Preference Site) due to its NC-1 Zoning District designation. The proposed antennas would measure a maximum of 53" high by 18" wide by 6" thick. All four antennas would be mounted on the roof of the building within radiofrequency transparent faux vents, with a maximum height of 41' 5" above grade.

SITE DESCRIPTION AND PRESENT USE

The building is located on Assessor's Block 3578, Lot 027 on the northeast corner of 18th Street and Dolores Street. This site is within a NC-1 (Neighborhood Commercial - Cluster) Zoning District and 40-X Height and Bulk District. The Project Site contains a three-story, 35-foot tall, mixed-use building with residential located above ground-floor commercial.

SURROUNDING PROPERTIES AND NEIGHBORHOOD

Nearby land uses include Mission High School to the west, two to three story multi-family residential homes and apartments north, two to three story mixed use buildings to the east, and south, and Dolores Park to the southwest.

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	February 22 , 2013	February 22, 2013	20 days
Posted Notice	20 days	February 22, 2013	February 22, 2013	20 days
Mailed Notice	20 days	February 22, 2013	February 22, 2013	20 days

PUBLIC COMMENT

As of April 11, 2013, the Department has received one public comment in support of the proposed project.

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 710.83 of the Planning Code, Conditional Use authorization is required for a WTS facility in NC-1 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 6, (Limited Preference Site) 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.
- 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 building and the building is not considered a historic 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**

☒	Executive Summary	☒	Project sponsor submittal
☒	Draft Motion		Drawings: Proposed Project
☒	Zoning District Map	☒	Check for legibility
☐	Height & Bulk Map	☒	Photo Simulations
☒	Parcel Map	☒	Coverage Maps
☒	Sanborn Map	☒	RF Report
☒	Aerial Photo	☒	DPH Approval
☒	Context Photos	☒	Community Outreach Report
☒	Site Photos	☒	Independent Evaluation

Exhibits above marked with an "X" are included in this packet om 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: APRIL 18, 2013

Date:	April 11, 2013
Case No.:	**2011.1369C**
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Current Zoning:	NC-1 (Neighborhood Commercial, Cluster) 40-X Height and Bulk District
Block/Lot:	3578/027
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Staff Contact:	Omar Masry – (415) 575-9116 Omar.Masry@sfgov.org

ADOPTING FINDINGS RELATING TO THE APPROVAL OF A CONDITIONAL USE AUTHORIZATION UNDER PLANNING CODE SECTION 303(c) AND 710.83 TO INSTALL A WIRELESS TELECOMMUNICATIONS SERVICES FACILITY CONSISTING OF UP TO FOUR PANEL ANTENNAS LOCATED WITHIN FAUX VENT PIPES ON THE ROOF ALONG WITH EQUIPMENT LOCATED WITHIN THE BASEMENT OF AN EXISTING MIXED USE BUILDING AS PART OF AT&T MOBILITY'S TELECOMMUNICATIONS NETWORK WITHIN A NC-1 (NEIGHBORHOOD COMMERCIAL – CLUSTER) ZONING DISTRICT, AND 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 3682 18th Street, Lot 027 in Assessor's Block 3578, (hereinafter "Project Site") to install a wireless telecommunications services facility consisting of up to four panel antennas located within faux vent pipes on the roof along with equipment located within the basement of an existing mixed-use building as part of AT&T Mobility's telecommunications network within a NC-1 (Neighborhood Commercial, Cluster) Zoning District and 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 March 14, 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. 2011.1369C, 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 3578, Lot 027 on the northeast corner of 18th Street and Dolores Street. This site is within a NC-1 (Neighborhood Commercial - Cluster) Zoning District and 40-X Height and Bulk District. The Project Site contains a three-story, 35-foot tall, mixed-use building with residential located above ground-floor commercial.

3. **Surrounding Properties and Neighborhood**. Nearby land uses include Mission High School to the west, two to three story multi-family residential homes and apartments to the north, two to three story mixed use buildings to the east and south, and Dolores Park to the southwest.

4. **Project Description.** The proposal is to install a wireless telecommunications services ("WTS") facility consisting of up to four panel antennas located within four faux vent pipes on the roof along with equipment located within the basement of an existing mixed-use building as part of AT&T Mobility's telecommunications network. According to the WTS Siting Guidelines, the Project Site is considered a Location Preference 6 Site (Limited Preference Site) due to its NC-1 Zoning District designation. The proposed antennas would measure a maximum of 53" high by 18" wide by 6" thick. All four antennas would be mounted on the roof of the building within radiofrequency transparent faux vents, with a maximum height of 41' 5" 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 were 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 6 (Limited Preference 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 April 18, 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 710.83 to install a wireless telecommunications services ("WTS") facility consisting of up to four panel antennas located within faux vent pipes on the roof along with equipment located within the basement of an existing mixed-use building as part of AT&T Mobility's 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 6, as the Project Site is located in a NC-1 District within a mixed-use building.

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 1% of the FCC public exposure limit. There were observed no other antennas within 100 feet of this site. AT&T Wireless proposes to install four new panel antennas. The antennas will be mounted at a height of approximately 40 feet above the ground. The estimated ambient RF field from the proposed AT&T Mobility transmitters at ground level is calculated to be 0.0019 mW/sq. cm., which is 3.2% of the FCC public exposure limit. The three dimensional perimeter of RF levels equal to the public exposure limit extends 57 feet and does not reach any publicly accessible areas. Warning signs must be posted at the antennas and roof access points in English, Spanish, and Chinese. Workers should not have access to within 19 feet of the front of the antennas while in operation. Workers prohibited access and worker notification areas should be marked with red and yellow striping on the rooftop.

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 February 22, 2012 at the

Eureka Valley Recreation Center at 100 Collingwood Street. One member of the community attended the meeting and asked questions about the design of the site.

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 April 11, 2013, the Department has received no public comment on the proposed project.

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 710.83, 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 3682 18th Street will be generally desirable and compatible with the surrounding neighborhood because the Project will not conflict with the existing uses of the property and will be 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 3682 18th Street 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.

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;

Four antennas are proposed to be mounted on the rooftop within faux vent pipes 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 penthouse of the building by concealing the antennas within radomes on the top of the building that appear to be vent pipes and part of the rooftop equipment.

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 that is not a historic resource.

    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 710.83 and 303 to install up to four panel antennas and associated equipment cabinets at the Project Site as part of a wireless transmission network operated by AT&T Mobility on a Location Preference 6 (Limited Preference Site) according to the Wireless Telecommunications Services (WTS) Siting Guidelines, within a NC-1 (Neighborhood Commercial, Cluster) Zoning District and 40-X Height and Bulk District and subject to the conditions of approval attached hereto as **Exhibit A**.

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

I hereby certify that the foregoing Motion was adopted by the Planning Commission on **April 18, 2013**.

Jonas P. Ionin
Acting Commission Secretary

AYES
NAYS:

ABSENT:

ADOPTED: April 18, 2013

EXHIBIT A

AUTHORIZATION

This authorization is for a Conditional Use Authorization under Planning Code Sections 710.83 and 303 to install a wireless telecommunications services facility consisting of up to four panel antennas located within faux vent pipes on the roof along with equipment located within the basement of an existing mixed-use building as part of AT&T Mobility's telecommunications network within a NC-1 (Neighborhood Commercial, Cluster) Zoning District and 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 **April 18, 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

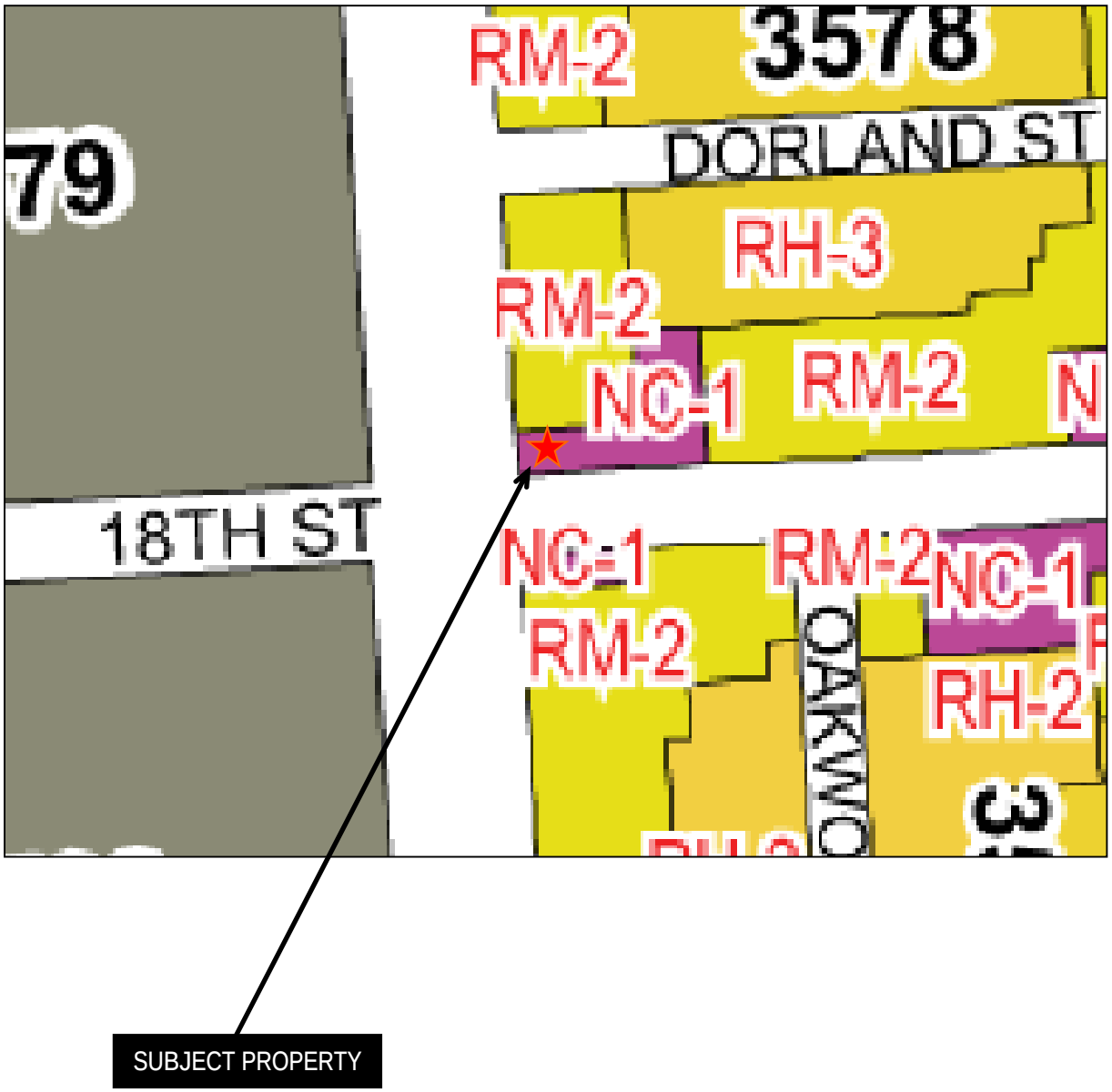
16. **Emissions Conditions – WTS**. It is a continuing condition of this authorization that the facilities be operated in such a manner so as not to contribute to ambient RF/EMF emissions in excess of then current FCC adopted RF/EMF emission standards; violation of this condition shall be grounds for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



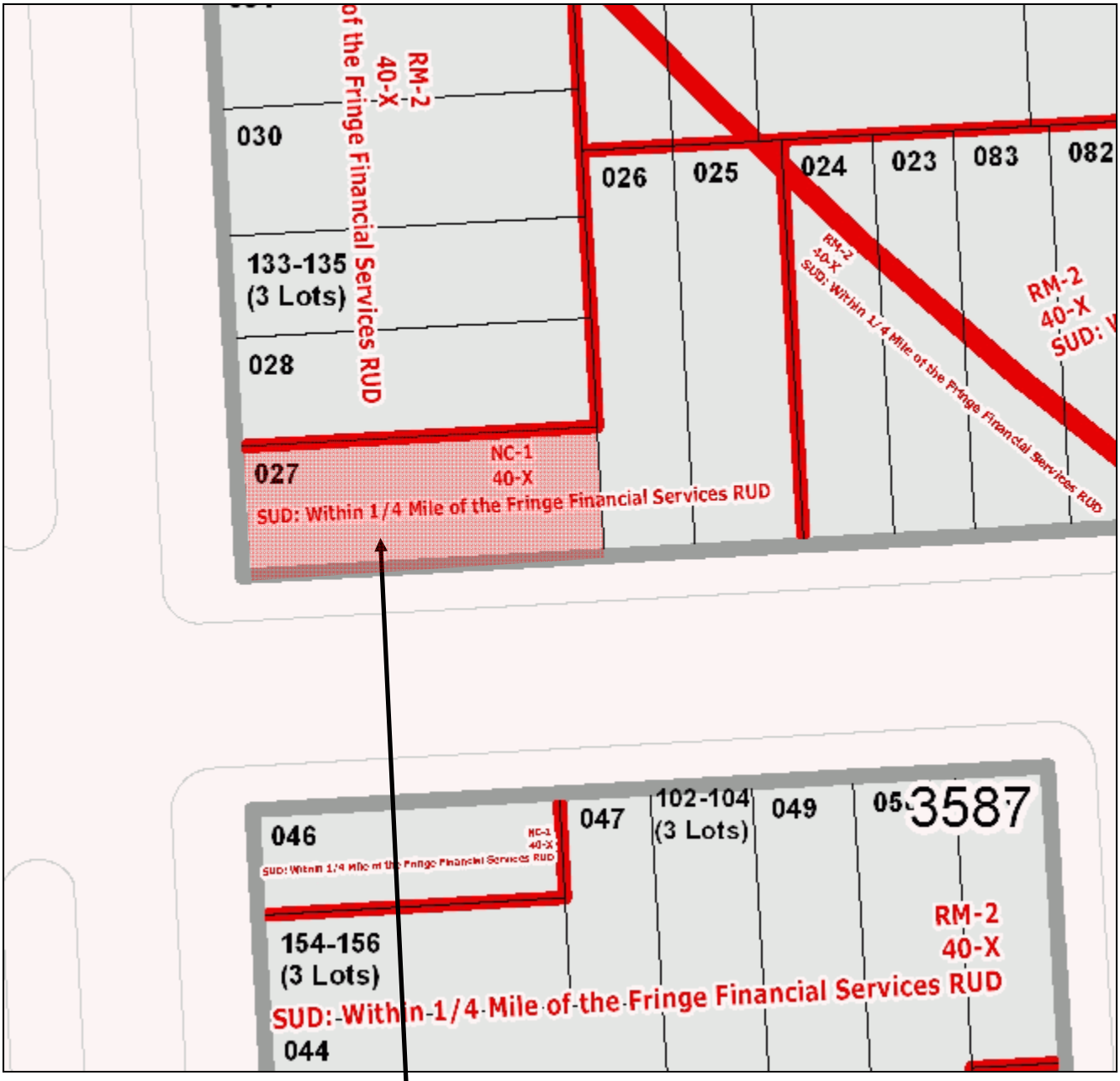
Case Number 2011.1369C
AT&T Mobility WTS Facility
3682 Mission Street

Aerial Photo

SUBJECT PROPERTY

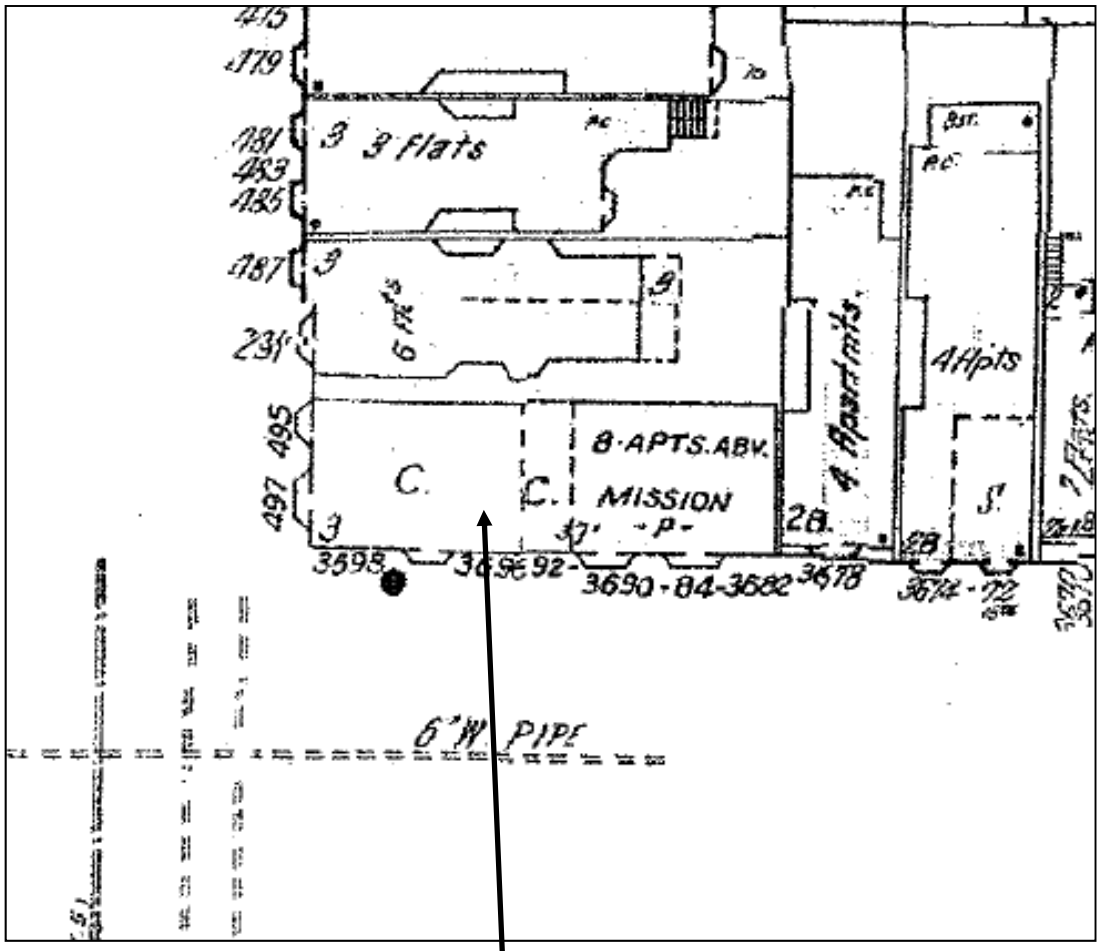
Case Number 2011.1369C
AT&T Mobility WTS Facility
3682 Mission Street

Parcel Map



Case Number 2011.1369C
AT&T Mobility WTS Facility
3682 Mission Street

Sanborn Map*



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

Case Number 2011.1369C
AT&T Mobility WTS Facility
3682 Mission Street

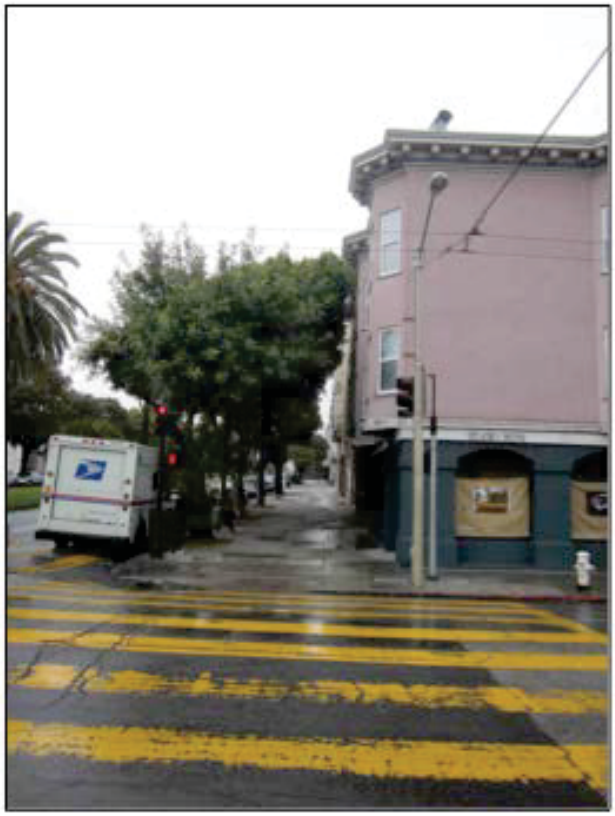
G. Contextual Photographs

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

View from Dolores Park – Mission High School on left (NW) and subject parcel on right (NE)

View of subject parcel from SW corner of 18th Street & Dolores Street

View looking SW into Dolores Park from NE corner of 18th Street & Dolores Street



View looking North up Dolores Street from SE corner of 18th Street & Dolores Street

Eastern blockface of Dolores Street looking North from SW corner of 18th Street & Dolores Street

Southern blockface of 18th Street looking East from NE corner of 18th Street & Dolores Street

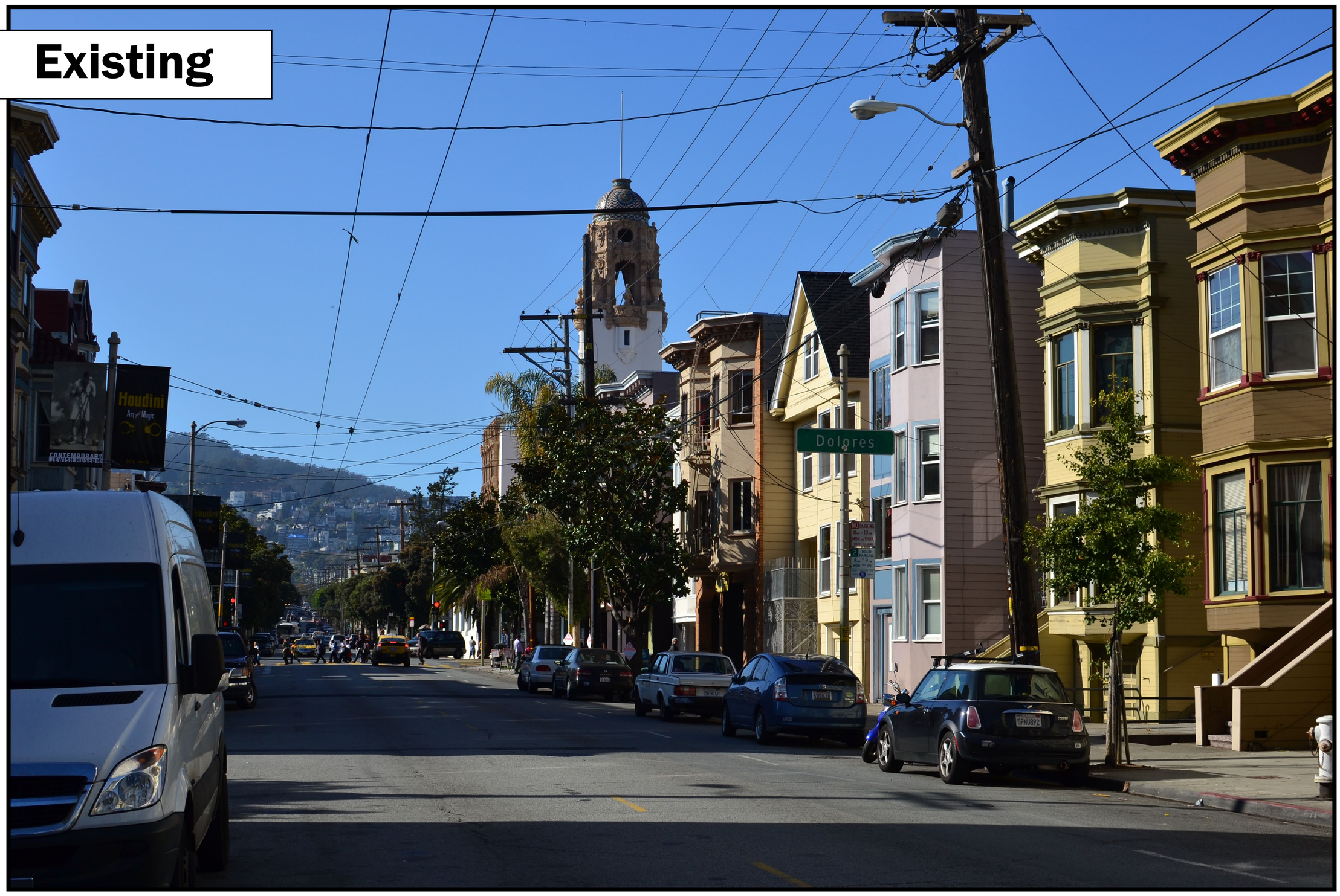
View looking at Eastern blockface of 18th Street from NE corner of 18th Street & Dolores Street

View of Northern blockface of 18th Street looking West towards subject structure

View of Southern blockface of 18th Street looking West towards Dolores Park

View looking West along 18th Street from SE corner of 18th Street & Dolores Street

Existing



Proposed

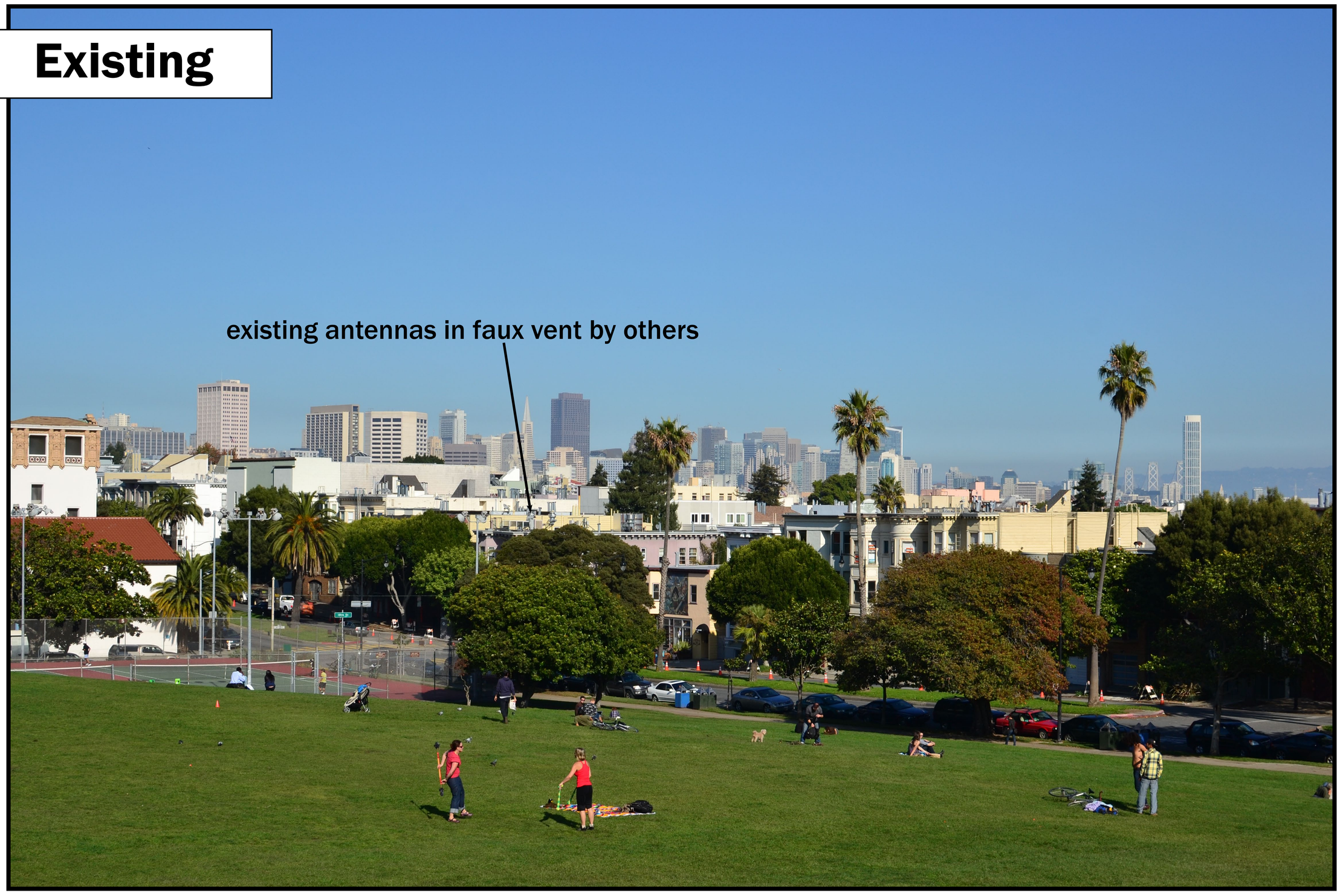
Photo simulation as seen looking west along 18th Street

Prepared by: **02.21.2012**
WW Design & Consulting, Inc.
1654 Candelero Court
Walnut Creek, CA 94598
info@photosims.com

at&t

CN5722 Bi-Rite Creamery
3682 18th Street, San Francisco, CA 94110

Existing



Proposed

Antenna Close Up

Photo simulation as seen looking northeast from Dolores Park

at&t

CN5722 Bi-Rite Creamery
3682 18th Street, San Francisco, CA 94110

Prepared by: **02.21.2012**
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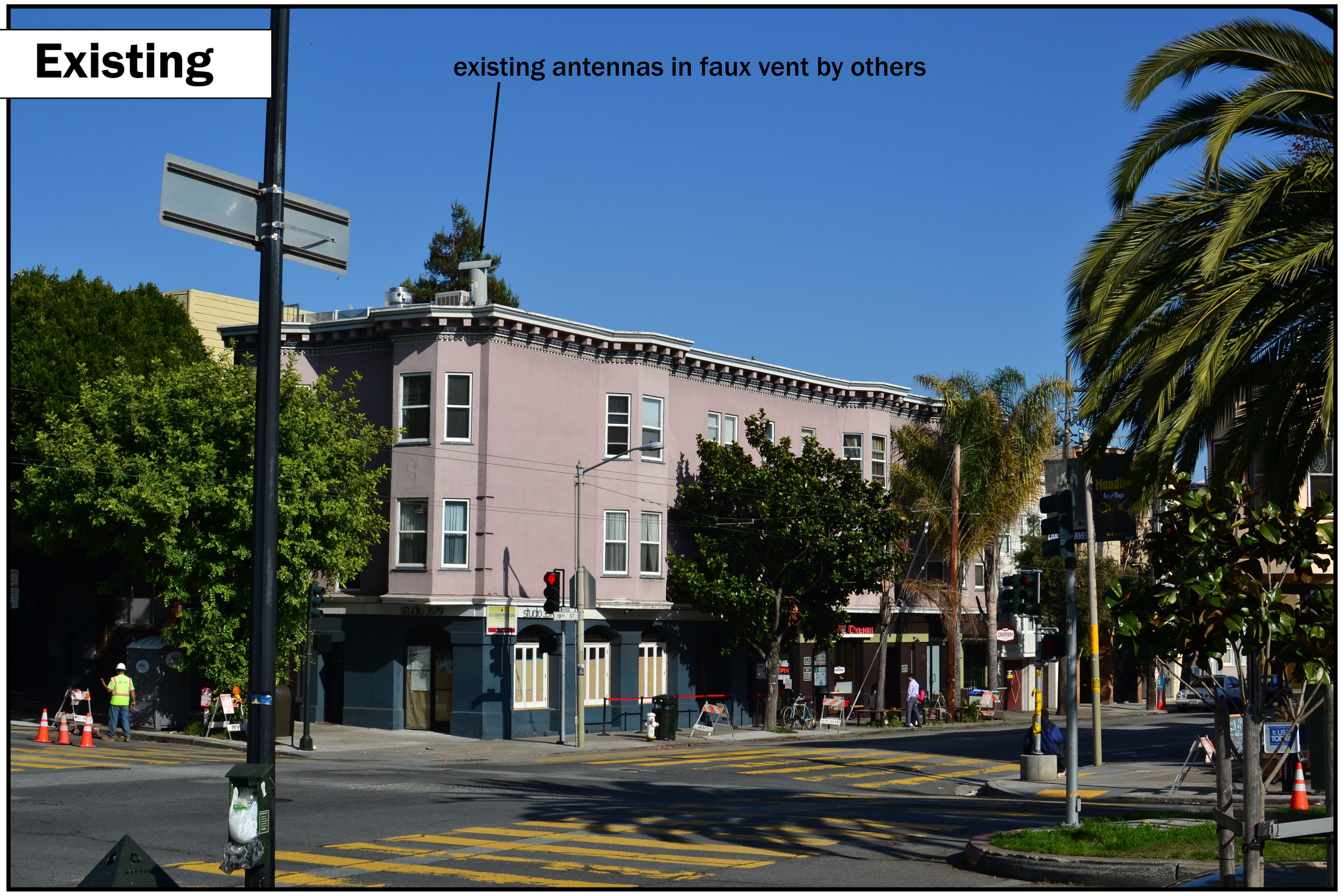
Existing



Proposed

Photo simulation as seen looking northeast from Dolores Street

Prepared by: **02.21.2012**
WW Design & Consulting, Inc.
1654 Candelero Court
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at&t

CN5722 Bi-Rite Creamery
3682 18th Street, San Francisco, CA 94110

AT&T Mobility • Proposed Base Station (Site No. CN5722)
3682 18th Street • San Francisco, California

Statement of Hammett & Edison, Inc., Consulting Engineers

The firm of Hammett & Edison, Inc., Consulting Engineers, has been retained on behalf of AT&T Mobility, a personal wireless telecommunications carrier, to evaluate the base station (Site No. CN5722) proposed to be located at 3682 18th Street in San Francisco, California, for compliance with appropriate guidelines limiting human exposure to radio frequency ("RF") electromagnetic fields.

Background

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

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

The site was visited by Mr. Romer Panaguiton, a qualified field technician contracted by Hammett & Edison, Inc., during normal business hours on April 21, 2011, a non-holiday weekday, and reference has been made to information provided by AT&T, including zoning drawings by Streamline Engineering and Design, Inc., dated March 11, 2011.

Checklist

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

There was observed one directional panel antennas for use by T-Mobile installed within a cylindrical enclosure, configured to resemble a vent, above the southwest corner of the roof of the three-story mixed-use building located at 3682 18th Street. Existing RF levels for a person at ground near the site were less than 1% of the most restrictive public exposure limit.

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

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

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.

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 two Powerwave Model DSP65D15-AVT directional panel antennas within two enclosures, configured to resemble vents, to be set back about 10 feet from the south side of the roof of the building. The antennas would be mounted with 4° downtilt at an effective height of about 38½ feet above ground, 4 feet above the roof, and would be oriented toward 100°T and 220°T.

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

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

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

The maximum effective radiated power proposed by AT&T in any direction is 6,090 watts, representing simultaneous operation at 1,780 watts for AWS, 1,890 watts for PCS, 1,530 watts for cellular, and 890 watts for 700 MHz service. The number of watts for the T-Mobile operation is not known.

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

The drawings show the proposed antennas to be installed as described in Item 4 above. There were buildings of similar height across 18th Street, located at least 70 feet from the AT&T antennas.

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

For a person anywhere at ground, the maximum ambient RF exposure level due to the proposed AT&T operation by itself is calculated to be 0.048 mW/cm^2, which is 6.6% of the applicable public exposure limit. Ambient RF levels at the site are therefore estimated to be below 7% of the limit. The three-dimensional perimeter of RF levels equal to the public exposure limit is calculated to extend up to 55 feet out from the antenna faces and to much lesser distances above, below, and to the sides of the antennas; this includes areas on the roof of the building but does not reach any publicly accessible areas.

9. *Describe proposed signage at site.*

Due to their mounting locations, the AT&T antennas would not be accessible to the general public, and so no mitigation measures are necessary to comply with the FCC public exposure guidelines. To prevent occupational exposures in excess of the FCC guidelines, no access within 11 feet directly in front of the antennas themselves, such as might occur during maintenance work on the roof, should be

allowed while the base station is in operation, unless other measures can be demonstrated to ensure that occupational protection requirements are met. Marking "Prohibited Access Areas" on the roof of the building with red paint stripes in front of the antennas and "Worker Notification Areas" with yellow stripes, as shown in Figure 1 attached, and posting explanatory warning signs* at the roof access ladder and at the antennas, such that the signs would be readily visible from any angle of approach to persons who might need to work within that distance, would be sufficient to meet FCC-adopted guidelines. Similar measures should already be in place for the other carrier at the site; the applicable keep-back distance for that carrier has not been determined as part of this study.

10. Statement of authorship.

The undersigned author of this statement is a qualified Professional Engineer, holding California Registration Nos. E-13026 and M-20676, which expire on June 30, 2011. This work has been carried out under his direction, and all statements are true and correct of his own knowledge except, where noted, when data has been supplied by others, which data he believes to be correct.

Conclusion

Based on the information and analysis above, it is the undersigned's professional opinion that operation of the base station proposed by AT&T Mobility at 3682 18th Street in San Francisco, California, will comply with the prevailing standards for limiting public exposure to radio frequency energy and, therefore, will not for this reason cause a significant impact on the environment. The highest calculated level in publicly accessible areas is much less than the prevailing standards allow for exposures of unlimited duration. This finding is consistent with measurements of actual exposure conditions taken at other operating base stations. Marking roof areas and posting explanatory signs is recommended to establish compliance with occupational exposure limitations.

William F. Hammett, P.E.
707/996-5200

April 29, 2011

* 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 Conditional Use Permit Application
3682 18th Street, San Francisco

STATEMENT OF MICHAEL CANIGLIA

I am AT&T's radio frequency manager with respect to the proposed wireless communications facility at 3682 18th Street, San Francisco (the "Property"). Based on my personal knowledge of the Property and with AT&T's wireless network, as well as my review of AT&T's records with respect to the Property and its wireless telecommunications facilities in the surrounding area, I have concluded that the work associated with this permit request is needed to close a significant service coverage gap in the area roughly bordered by 18th, Guerrero, Sanchez, and 20th Streets.

The service coverage gap is caused by obsolete or inadequate (or, in the case of 4G LTE, non-existent) infrastructure along with increased use of wireless broadband services in the area. As explained further in Exhibit 1, AT&T's existing facilities cannot adequately serve its customers in the desired area of coverage, let alone address rapidly increasing data usage. Although there is reasonable 3G outdoor signal strength in the area, 3G coverage indoors may be weak and the quality of 3G service overall is unacceptable, particularly during high usage periods of the day. Moreover, 4G LTE service coverage has not yet been deployed in this area

AT&T uses Signal-to-Noise information to identify the areas in its network where capacity restraints limit service. This information is developed from many sources including terrain and clutter databases, which simulate the environment, and propagation models that simulate signal propagation in the presence of terrain and clutter variation. Signal-to-Noise information measures the difference between the signal strength and the noise floor within a radio frequency channel, which, in turn, provides a measurement of service quality in an area. Although the signal level may be adequate by itself, the noise level fluctuates with usage due to the nature of the 3G technology and at certain levels of usage the noise level rises to a point where the signal-to-noise ratio is not adequate to maintain a satisfactory level of service. In other words, while the signal itself fluctuates as a function of distance of the user from the base station, the noise level fluctuates with the level of usage on the network on all mobiles and base stations in the vicinity. Signal-to-Noise information identifies where the radio frequency channel is usable; as noise increases during high usage periods, the range of the radio frequency channel declines causing the service coverage area for the cell to contract.

Exhibit 2 to this Statement is a map of existing service coverage (without the proposed installation at the Property) in the area at issue. It includes service coverage provided by existing AT&T sites. The green shaded areas depict areas within a Signal-to-Noise range that provide acceptable service coverage even during high demand periods. Thus, based upon current usage, customers are able to initiate and complete voice or data calls either outdoors or most indoor areas at any time of the day, independent of the number of users on the network. The yellow shaded cross-hatched areas depict areas within a Signal-to-Noise range that results in a service coverage gap during high demand periods. In this area, severe service interruptions occur during periods of high usage, but reliable and uninterrupted service may be available during low demand periods. The pink shading depicts areas within a Signal-to-Noise range in which a customer might have difficulty receiving a consistently acceptable level of service at any time, day or night, not just during high demand periods. The quality of service experienced by any individual customer can differ greatly depending on whether that customer is indoors, outdoors, stationary, or in transit. Under AT&T's wireless customer service standards, any area in the pink or yellow cross-hatched category is considered inadequate service coverage and constitutes a service coverage gap.

Exhibit 3 to this Statement depicts the current actual voice and data traffic in the immediate area. As you can see from the exhibit, the traffic fluctuates at different times of the day. In actuality, the service coverage footprint is constantly changing; wireless engineers call it "cell breathing" and during high usage periods, as depicted in the chart, the service coverage gap increases substantially. The time periods in which the existing surrounding cell sites experience highest usage conditions (as depicted in the yellow shaded cross-hatched area in Exhibit 2) are significant. Based upon my review of the maps, the Signal-to-Noise information, and the actual voice and data traffic in this area, it is my opinion that the service coverage gap shown in Exhibit 2 is significant.

Exhibit 4 to this Statement is a map that predicts service coverage based on Signal-to-Noise information in the vicinity of the Property if antennas are placed as proposed in the application. As shown by this map, placement of the equipment at the Property closes the significant 3G service coverage gap.

In addition to these 3G wireless service gap issues, AT&T is in the process of deploying its 4G LTE service in San Francisco with the goal of providing the most advanced personal wireless experience available to residents of the City. AT&T holds a license with the FCC and has a responsibility to utilize this spectrum to provide personal wireless services in the City. 4G LTE is capable of delivering speeds

up to 10 times faster than industry-average 3G speeds. LTE technology also offers lower latency, or the processing time it takes to move data through a network, such as how long it takes to start downloading a webpage or file once you've sent the request. Lower latency helps to improve the quality of personal wireless services. What's more, LTE uses spectrum more efficiently than other technologies, creating more space to carry data traffic and services and to deliver a better overall network experience. This is particularly important in San Francisco because of the likely high penetration of the new 4G LTE iPad and other LTE devices.

Exhibit 5 is a map that depicts 4G LTE service in the area surrounding the Property, and it shows a significant 4G LTE service gap in the area. After the upgrades, Exhibit 6 shows that 4G LTE service is available both indoors and outdoors in the targeted service area. This is important in part because as existing customers migrate to 4G LTE, the LTE technology will provide the added benefit of reducing 3G data traffic, which currently contributes to the significant service coverage gap on the UMTS (3G) network during peak usage periods as shown in Exhibit 2.

In order to close the 4G LTE service coverage gap shown in Exhibit 5 and provide the benefits associated with 4G LTE personal wireless service, it is necessary to include 4G LTE-specific antennas to the proposed site. Exhibit 6 shows that the work subject to this application closes the gap.

I have a Master's degree in Business Administration, a Bachelor's degree in Electrical Engineering and an Associate's degree in Electronic Communication Technology. I have worked as an engineering expert in the Wireless Communications Industry for over 20 years.

Michael Caniglia

27 February 2013

City and County of San Francisco
DEPARTMENT OF PUBLIC HEALTH
ENVIRONMENTAL HEALTH SECTION

Edwin M. Lee, Mayor
Barbara A. Garcia, MPA, Director of Health
Rajiv Bhatia, MD, MPH, Director of EH

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: *3682 18TH St*

Site ID: *1468* **SiteNo.:** *CN5722*

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: **7180** 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: **7180** 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 $\mu w/cm^2$)

Maximum RF Exposure: **0.019** mW/cm^2. Maximum RF Exposure Percent: **3.2**

X 9. Signage at the facility identifying all WTS equipment and safety precautions for people nearing the equipment as may be required by any applicable FCC-adopted standards. (WTS-FSG, Section 10.9.2). Discuss signage for those who speak languages other than English.

☑ Public_Exclusion_Area Public Exclusion In Feet: **57**

☑ Occupational_Exclusion_Area Occupational Exclusion In Feet: **19**

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 3682 18TH Street. Existing RF levels at ground level were around 1% of the FCC public exposure limit. There were observed no other antennas within 100 feet of this site. AT&T Wireless proposes to install 4 new antennas. The antennas will be mounted at a height of about 40 feet above the ground. The estimated ambient RF field from the proposed AT&T Wireless transmitters at ground level is calculated to be 0.019 mW/sq cm., which is 3.2 % of the FCC public exposure limit. The three dimensional perimeter of RF levels equal to the public exposure limit extends 57 feet which includes areas of the rooftop but does not reach any publicly accessible areas. Buildings of similar height are noted to be at least 70 feet away from this proposed installation. Warning signs must be posted at the antennas and roof access points in English, Spanish and Chinese. Workers should not have access to within 19 feet of the front of the antennas while they are in operation. Worker prohibited access and worker notification areas should be marked with red and yellow striping on the rooftop.

___ **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

Service Improvement Objective (CN5722)

3682 18th Street

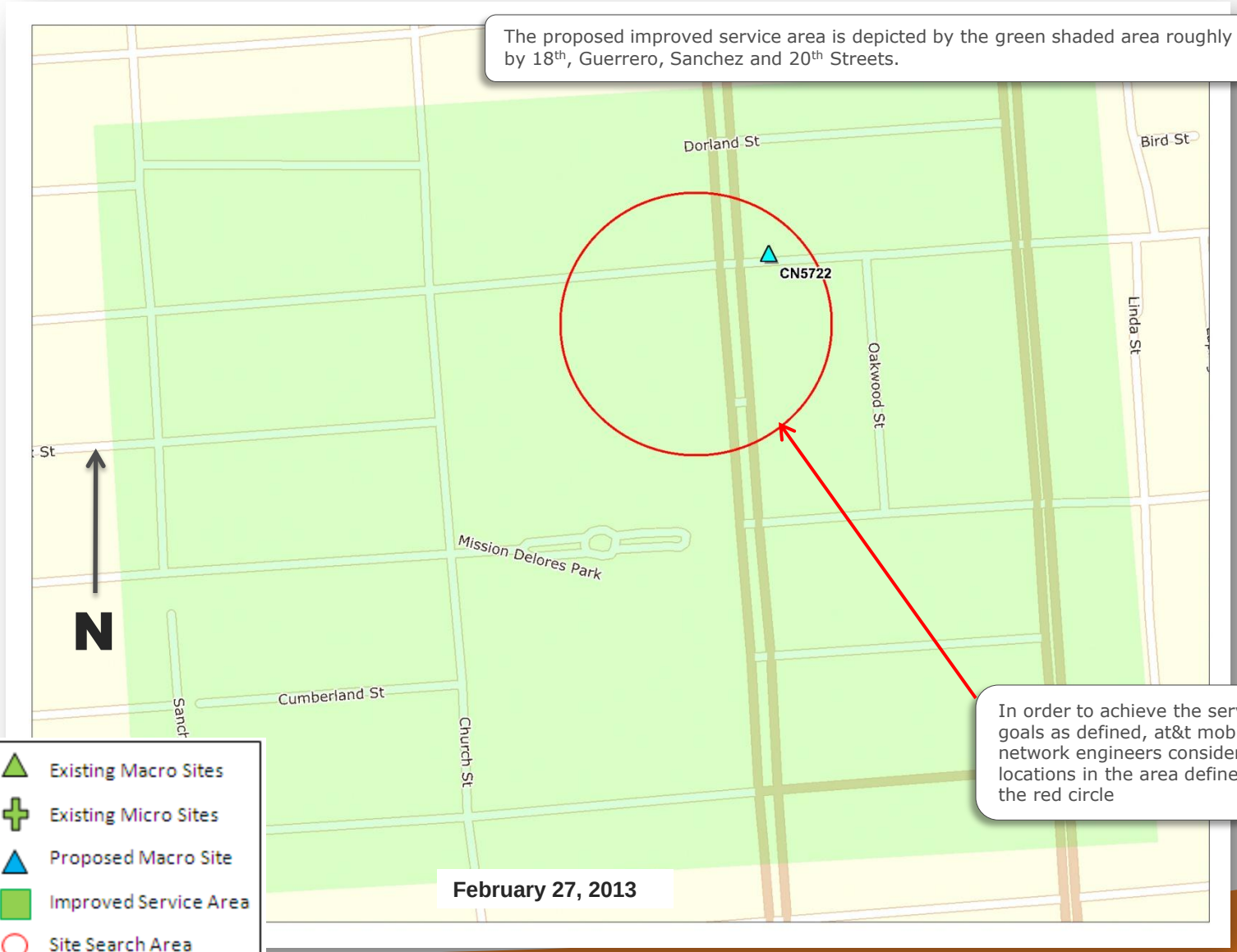


Exhibit 2 - Proposed Site at 3682 18th Street (CN5722)

Service Area BEFORE site is constructed

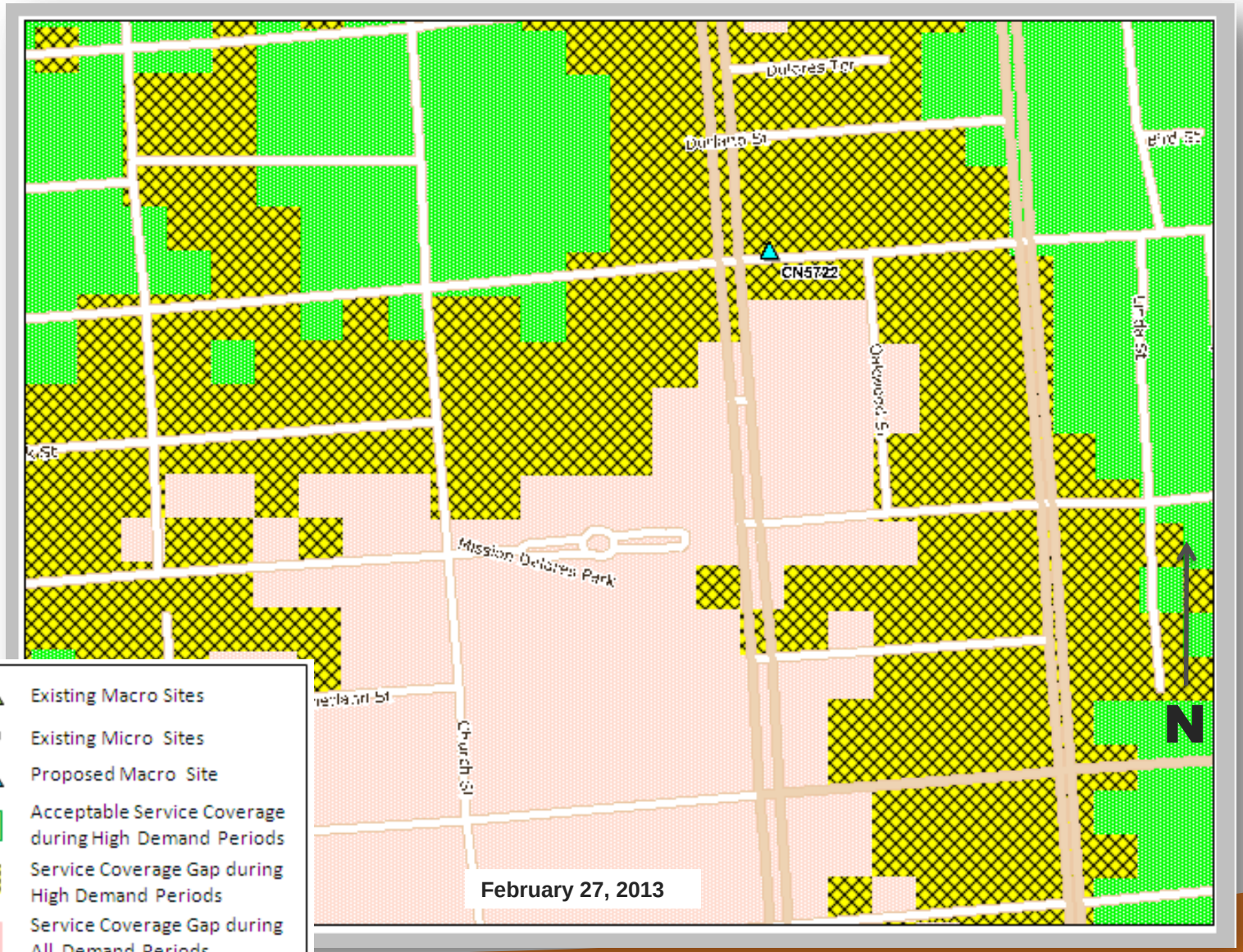


Exhibit 3 - Current 7-Day Traffic Profile for the Location of CN5722

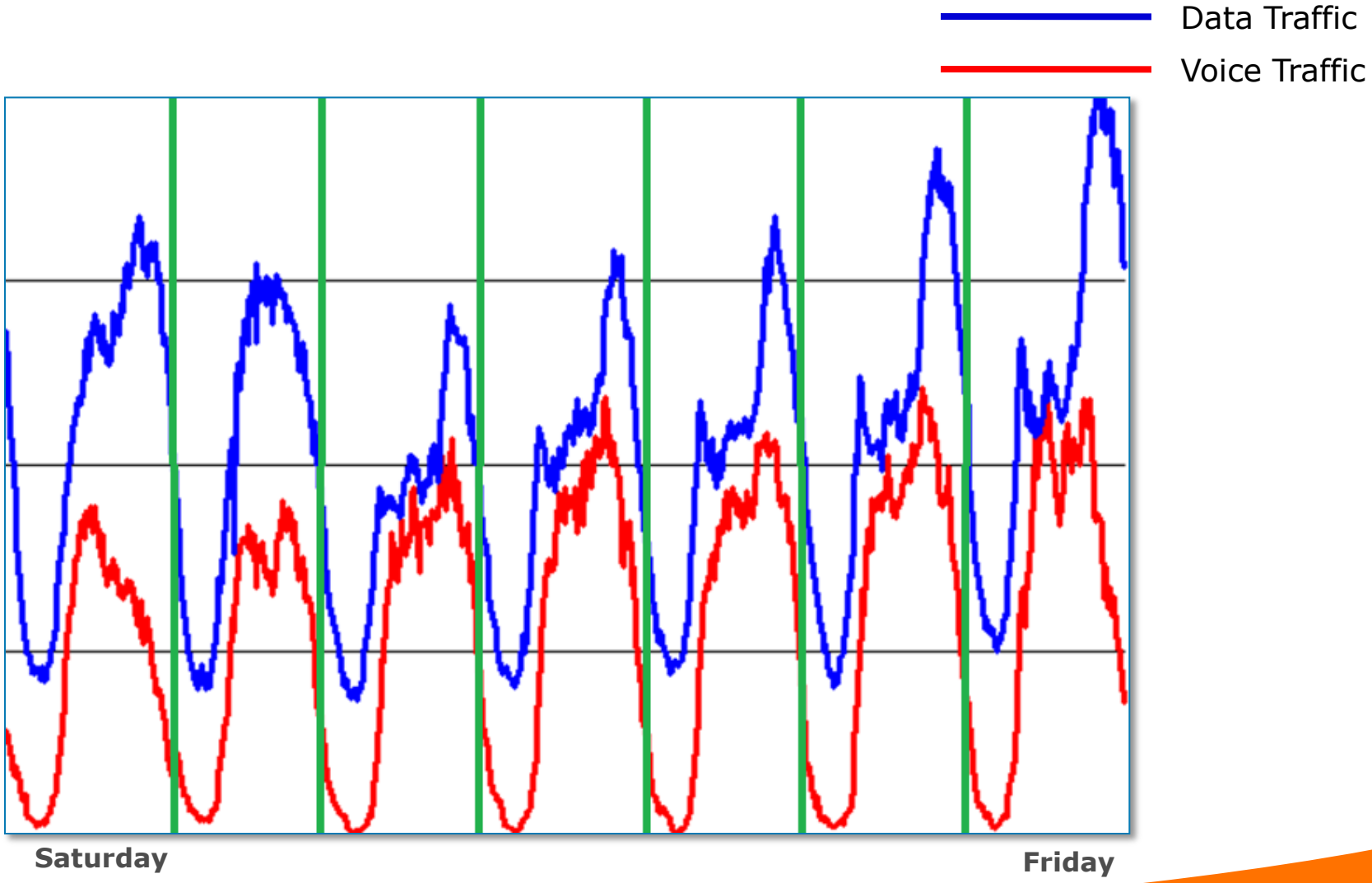


Exhibit 3 – Current 24-Hour Traffic Profile for the Location of CN5722

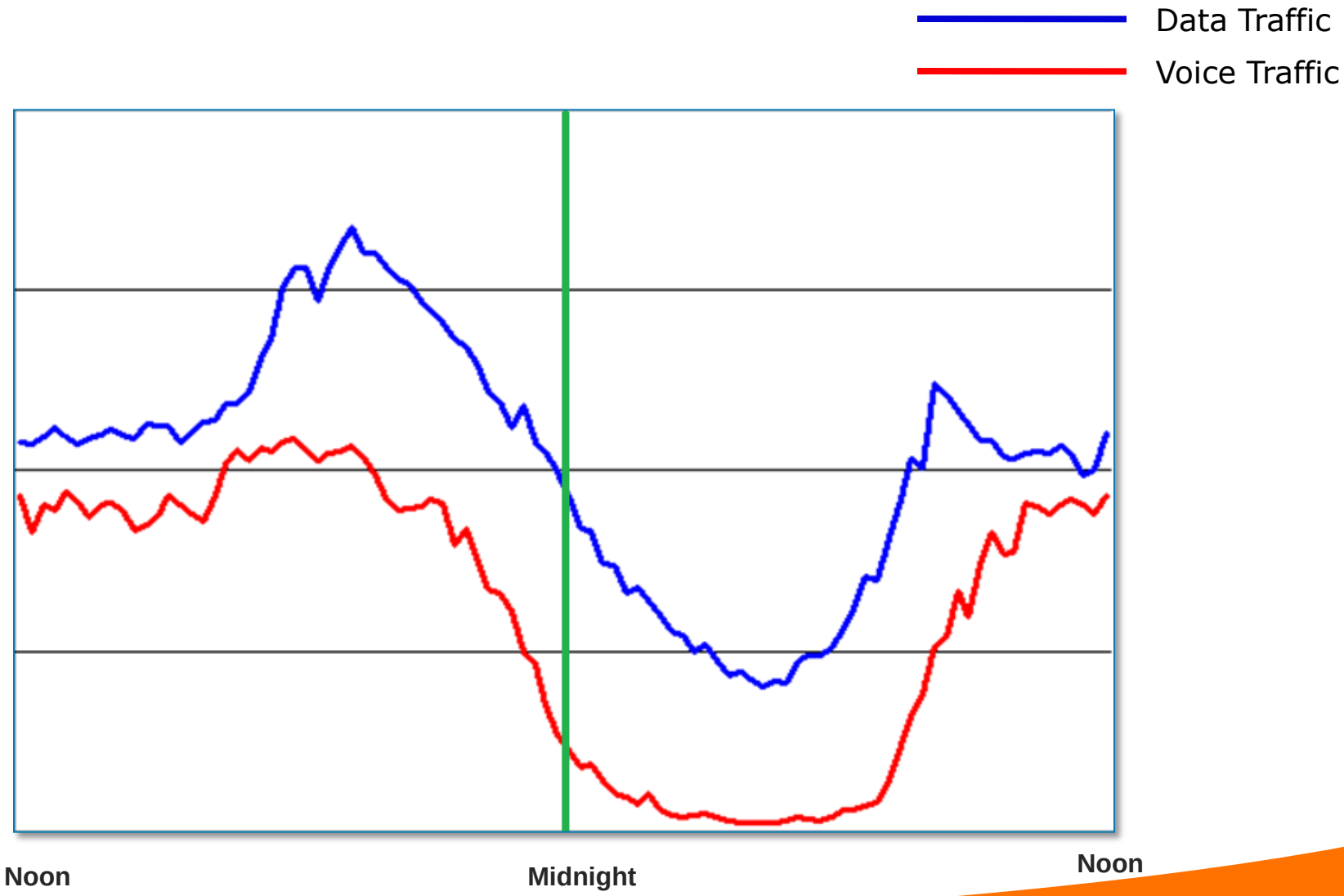
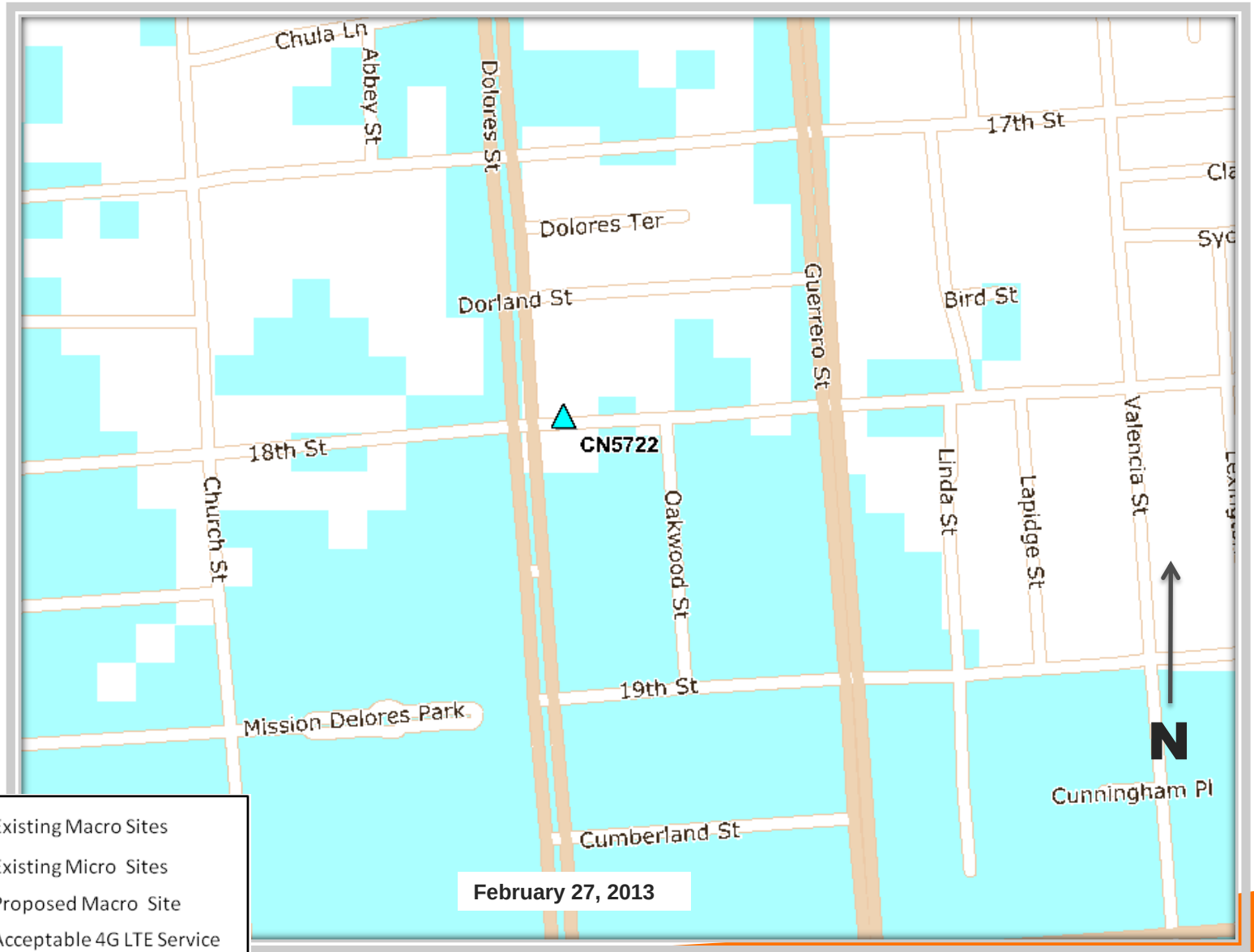


Exhibit 4 - Proposed Site at 3682 18th Street (CN5722)

Service Area AFTER site is constructed

Exhibit 5 - Proposed Site at 3682 18th Street (CN5722)

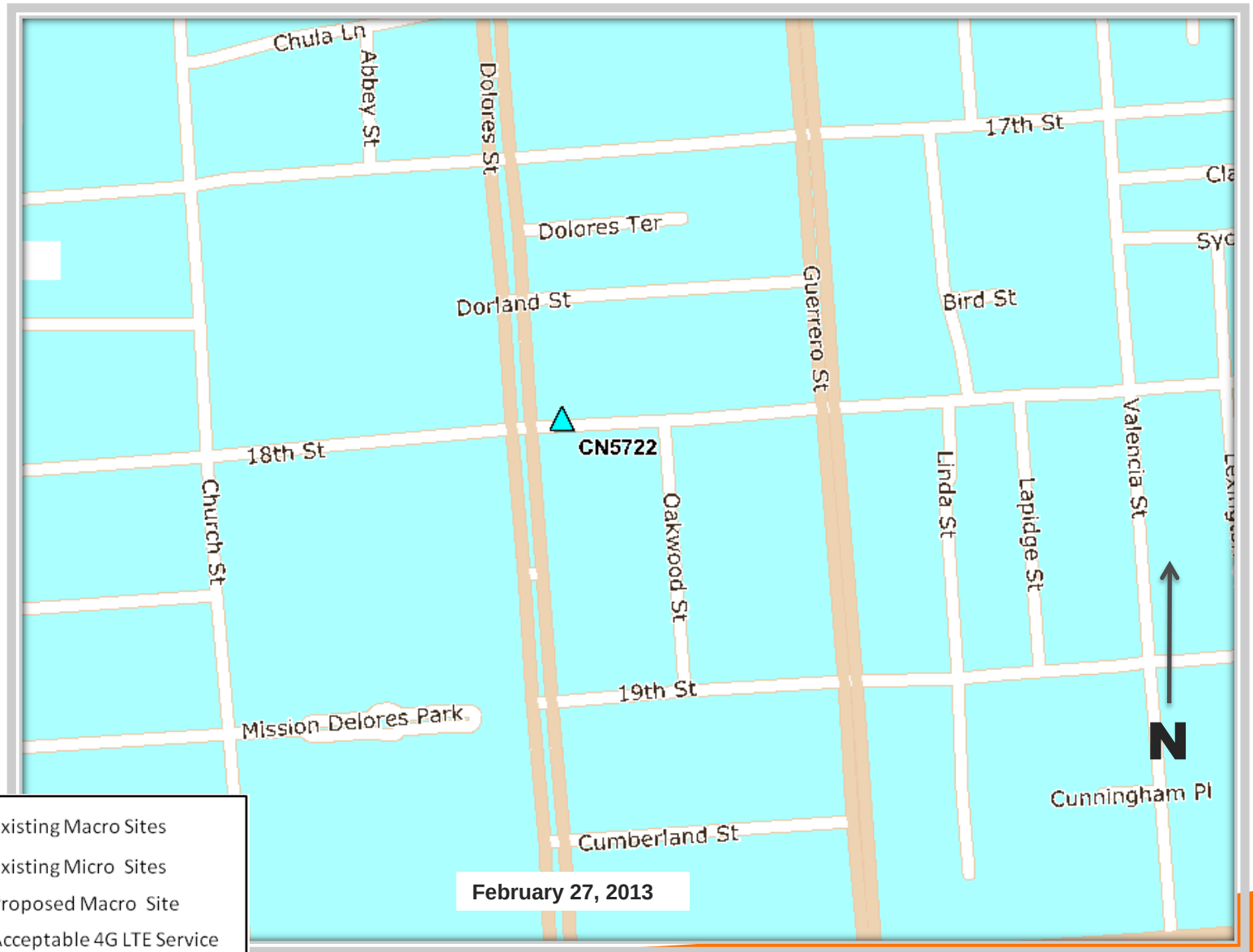
4G LTE Service Area BEFORE site is constructed



at&t

Exhibit 6 - Proposed Site at 3682 18th Street (CN5722)

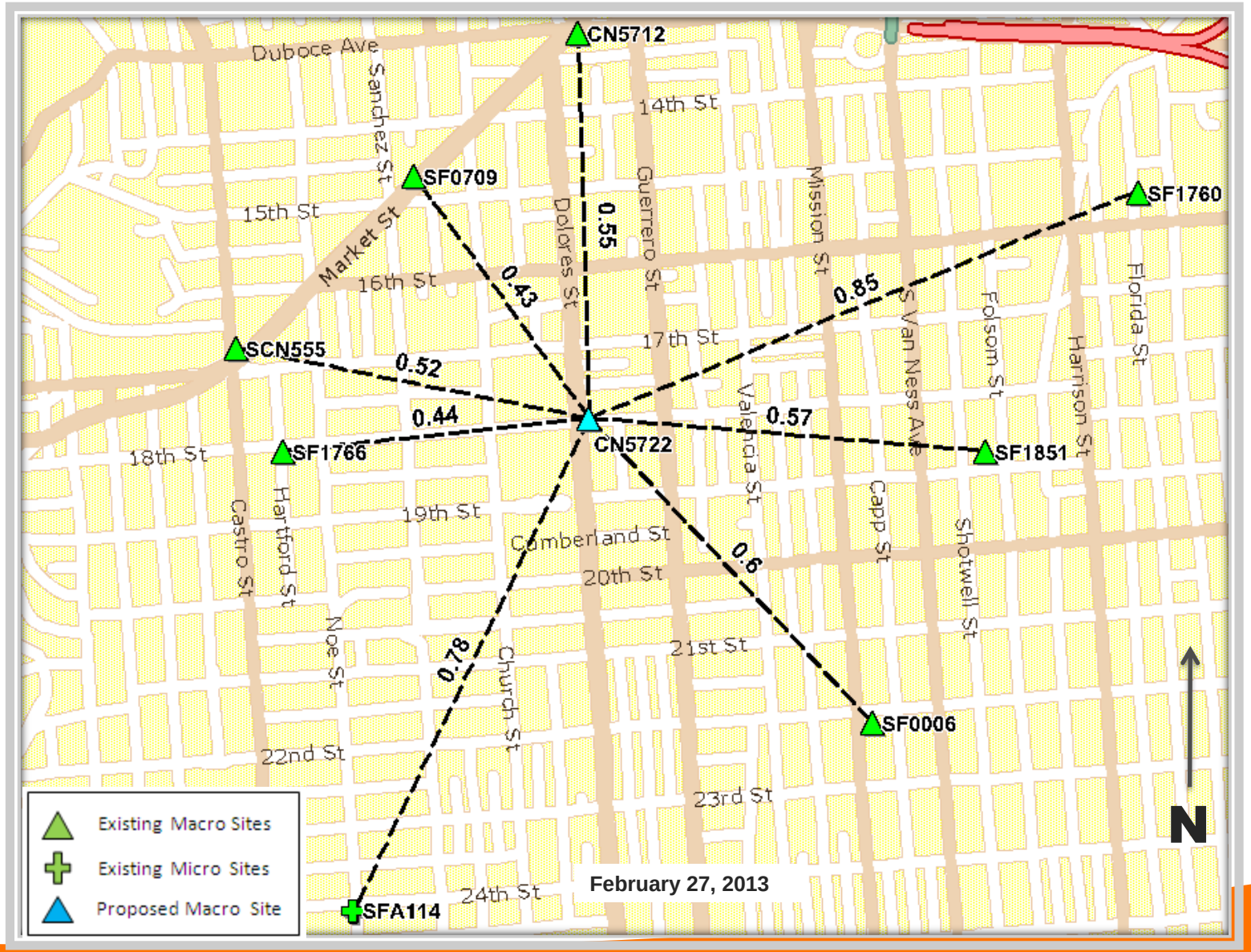
4G LTE Service Area AFTER site is constructed



at&t

Existing Surrounding Sites at 3682 18th Street

CN5722



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 P, RM-2, RH-3, RTO-M and Valencia Street NCT zoning districts. Wireless telecommunication facilities require Conditional Use authorization under Planning Code Section 303(c).

Alternative Location Evaluated – A
551 Church Street

The building at 551 Church Street is a Catholic school (Mission High School) located within the P (Public) zoning district. The site is located across the street from the Subject Location on the northwest corner of Dolores Street and 18th Street. The building has historic integrity and is a San Francisco Landmark Structure (No. 255). Additionally, the Catholic Church is not interested in pursuing wireless telecommunication leases at this time. Therefore, this building was not a feasible candidate.

Alternative Location Evaluated – B
601 & 691 Church Street

The site located at 601 & 691 Church Street is Dolores Park located within the P (Public) zoning district. In order to meet AT&T Mobility's service objective, an unimpeded signal path to the defined service area is required. There are no existing structures within the park area that can support a macro wireless telecommunication facility. In order to establish an adequate signal path to the defined service area, multiple 20-30 foot monopoles would need to be constructed within the park. Free standing monopoles are discouraged by the WTS guidelines and would not be compatible with the surrounding neighborhood. Therefore, this location was not the most suitable candidate.

Alternative Location Evaluated – C
445 Church Street

The building at 445 Church Street is the Children's Council of San Francisco service organization located within the RH-3 (Residential, House Districts, Three-Family) zoning district. In order to meet AT&T Mobility's service objective, an unimpeded signal path to the defined service area is required. The building at 445 Church Street is located three blocks from the Subject Location at 3692 18th Street and is outside of the search ring for the defined service area. This site would be unable to an adequate signal path along 18th Street or Dolores Street, therefore incapable of filling the significant service coverage gap. Therefore, this building was not the most suitable candidate.

Alternative Location Evaluated – D
455 Dolores Street

The building at 455 Dolores Street is a church (Dolores Park Church) located within the RM-2 (Residential House, Two-Family) zoning district. As a Preference 1 Location, AT&T initially pursued this location as a potential candidate, however on May 25, 2010 the Church Board voted against leasing space to AT&T for a WTS facility. As a result, it was determined that this was not a feasible candidate.

Alternative Location Evaluated – E
655 Dolores Street

The building at 655 Dolores Street is a church (Christian Science Church) located within the RH-3 (Residential, House Districts, Three-Family) zoning district. In order to meet AT&T Mobility's service objective, an unimpeded signal path to the defined service area is required. The building at 445 Church Street is located three blocks from the Subject Location located at 3692 18th Street and is outside of the search ring for the defined service area. Due to its location, this site would not be able to an adequate signal path along 18th Street, therefore unable to fill the significant service coverage gap. In addition, the unique architectural style presents significant construction challenges and provides limited opportunity for the concealment of antennas. This building is also identified by the San Francisco Planning Department as an individual historic resource and contributor to a historic district, and appears eligible for listing in the California Register of Historical Resources. Due to the architectural challenges, as well as the historic sensitivity of this site; it would be difficult to integrate a WTS facility without substantially altering the historic character of this building. Therefore, this building was not the most suitable candidate.

Alternative Location Evaluated – F
450 Church Street

The building at 450 Church Street is a public school (Everett Middle School) located within the P (Public) zoning district. In order to meet AT&T Mobility's service objective an unimpeded signal path to the defined service area is required. The building at 450 Church Street is located three blocks from the Subject Location located at 3682 18th Street and is outside of the search ring for the defined service area. Due to its location, this location would be unable to provide an adequate signal path to 18th Street or Dolores Street, therefore unable to fill the significant service coverage gap. As a result, it was determined that this was not a suitable candidate.

Alternative Location Evaluated – G
3459 17th Street

The building at 3459 17th Street is a church (Cornerstone Church) located within the RTO-M (Residential Transit Oriented - Mission) zoning district. In order to meet AT&T Mobility's service objective, an unimpeded signal path to the defined service area is required. The building at 3459 17th Street is located three blocks from the Subject Location at 3682 18th Street and is outside of the search ring for the defined service area. Due to its location, this site would be unable to provide an adequate signal path along 18th Street or Dolores Street, therefore unable to fill the significant service coverage gap. As a result, it was determined that this was not a suitable candidate.

Alternative Location Evaluated – H
630 Valencia Street

The building at 630 Valencia Street is the Mission Police Station located within the Valencia Street NCT (Neighborhood Commercial Transit) zoning district. In order to meet AT&T Mobility's service objective, an unimpeded signal path to the defined service area is required. The building at 630 Valencia Street is located three blocks from the Subject Location located at 3682 18th Street and is outside of the search ring for the defined service area. The site would be unable to provide an adequate signal path along 18th Street or Dolores Street, therefore unable to fill the significant service coverage gap. As a result, it was determined that this was not a suitable candidate.

Alternative Location Evaluated – I
59 Dearborn Street

The site at 59 Dearborn Street is a community garden (Dearborn Community Garden) located within the P (Public) zoning district. In order to meet AT&T Mobility's service objective, an unimpeded signal path to the defined service area is required. The site at 59 Dearborn Street is located two blocks from the Subject Location at 3682 18th Street and is outside of the search ring for the defined service area. The site would be unable to provide an adequate signal path along 18th Street or Dolores Street, therefore unable to fill the significant service coverage gap. As a result, it was determined that this was not a suitable candidate.

Alternative Location Evaluated – J
3549 19th Street

The building at 3549 19th Street is a park (Mission Playground) located within the P (Public) zoning district. In order to meet AT&T Mobility's service objective, an unimpeded signal path to the defined service area is required. The site at 3549 19th Street is located two blocks from the Subject Location and is outside of the search ring for the defined service area. The site would be unable to provide an acceptable signal path along 18th Street or Dolores Street, therefore unable to fill the significant service coverage gap. As a result, it was determined that this was not a suitable candidate

Alternative Location Evaluated – K
3543 18th Street

The building at 3543 18th Street is a community center (Women's Building) located within the RTO-M (Residential Transit Oriented – Mission) zoning district. In order to meet AT&T Mobility's service objective, an unimpeded signal path to the defined service area is required. The site at 3543 18th Street is located one block from the Subject Location and is outside of the search ring for the defined service area. The site would be unable to provide an adequate signal path along 18th Street or Dolores Street, therefore unable to fill the significant service coverage gap. As a result, it was determined that this was not a suitable candidate

2. Co-Location Site: There are no Preference 2 Locations within the immediate vicinity of the defined search area in which to provide service to the defined service 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: The following alternative locations are within the NC-1 (Neighborhood Commercial Cluster) zoning districts. Wireless telecommunication facilities which meet the requirements of Planning Code Section 710.83 require Conditional Use authorization under Planning Code Section 303(c).

Alternative Location Evaluated – L
3434 17th Street

The building at 3434 17th Street is a funeral home (Duggan's Funeral Service) located within the Valencia Street NCT (Neighborhood Commercial Transit) zoning district. In order to meet AT&T Mobility's service objective, an unimpeded signal path to the defined service area is required. The site at 3682 18th Street is located three blocks from the Subject Location and is outside of the search ring for the defined service area. The site would be unable to provide an adequate signal path along 18th Street or Dolores Street, therefore unable to fill the significant service coverage gap. As a result, it was determined that this was not a suitable candidate.

Alternative Location Evaluated – M
3683 18th Street

The building at 3683 18th Street is a commercial building with restaurant (Dolores Park Café) and office uses located within the NC-1 (Neighborhood Commercial Cluster) zoning district. This site is seemingly suitable for a wireless telecommunication facility; however, as a 3-story structure where wireless telecommunication has already been established as a use; the Subject Location at 3682 18th Street is more preferred to this 2-story alternative which is located adjacent to taller structures.

Alternative Location Evaluated – N
3678 18th Street

The building at 3678 18th Street is a small-scale residential apartment building within the NC-1 (Neighborhood Commercial Cluster) zoning district. Low density residential buildings are not favored sites according to the WTS Siting Guidelines. Therefore, the mixed use building located at 3682 18th Street was determined to be a more suitable candidate within the search area, as it is a mixed-use building where wireless telecommunication has already been established as a use.

1. Disfavored Sites: The following alternative locations are within RM-2 (Residential - Mixed, Moderate Density) zoning districts. Wireless telecommunication facilities which meet the requirements of Planning Code Section 710.83 require Conditional Use authorization under Planning Code Section 303(c).

Alternative Location Evaluated – O
475 Dolores Street

The building at 475 Dolores Street is a residential apartment building located within the RM-2 (Residential - Mixed, Moderate Density) zoning district, a Preference 7 Disfavored Site under the WTS Guidelines. AT&T pursued candidates in order of preference as directed by the WTS Siting Guidelines, therefore as a Preference 6 Location; the Subject Location is more preferred.

Alternative Location Evaluated – P
481-485 Dolores Street

The building at 481- 485 Dolores Street is a residential building located within the RM-2 (Residential - Mixed, Moderate Density) zoning district, a Preference 7 Disfavored Site under the WTS Guidelines. AT&T pursued candidates in order of preference as directed by the WTS Siting Guidelines, therefore as a Preference 6 Location; the Subject Location is more preferred.

Alternative Location Evaluated – Q
487-491 Dolores Street

The building at 487-491 Dolores Street is a six (6) unit residential apartment building located within the RM-2 (Residential - Mixed, Moderate Density) zoning district, a Preference 7 Disfavored Site under the WTS Guidelines. AT&T pursued candidates in order of preference as directed by the WTS Siting Guidelines therefore, as a Preference 6 Location; the Subject Location is more preferred.

Alternative Location Evaluated – R
507-511 Dolores Street

The building at 507-511 Dolores Street is a single-family residential structure located within the RM-2 (Residential - Mixed, Moderate Density) zoning district, a Preference 7 Disfavored Site under the WTS Guidelines. AT&T pursued candidates in order of preference as directed by the WTS Siting Guidelines therefore, as a Preference 6 Location; the Subject Location is more preferred.

Alternative Location Evaluated – S
513-517 Dolores Street

The building at 513-517 Dolores Street is a six (6) unit residential apartment building located within the RM-2 (Residential - Mixed, Moderate Density) zoning district, a Preference 7 Disfavored Site under the WTS Guidelines. AT&T pursued candidates in order of preference as directed by the WTS Siting Guidelines therefore, as a Preference 6 Location; the Subject Location is more preferred.

Alternative Location Evaluated – T
519-523 Dolores Street

The building at 519-523 Dolores Street is a residential building located within the RM-2 (Residential - Mixed, Moderate Density) zoning district, a Preference 7 Disfavored Site under the WTS Guidelines. AT&T pursued candidates in order of preference as directed by the WTS Siting Guidelines therefore, as a Preference 6 Location; the Subject Location is more preferred.

Alternative Location Evaluated – U
527 Dolores Street

The building at 527 Dolores Street is a six (6) unit residential apartment building located within the RM-2 (Residential - Mixed, Moderate Density) zoning district, a Preference 7 Disfavored Site under the WTS Guidelines. AT&T pursued candidates in order of preference as directed by the WTS Siting Guidelines therefore, as a Preference 6 Location; the Subject Location is more preferred.

Alternative Location Evaluated – V
531-535 Dolores Street

The building at 531-535 Street is a small-scale (four unit) residential apartment building located within the RM-2 (Residential - Mixed, Moderate Density) zoning district, a Preference 7 Disfavored Site under the WTS Guidelines. AT&T pursued candidates in order of preference as directed by the WTS Siting Guidelines therefore, as a Preference 6 Location; the Subject Location is more preferred.

Alternative Location Evaluated – W
537-541 Dolores Street

The building at 537-541 Dolores Street is a small-scale (four unit) residential apartment building located within the RM-2 (Residential - Mixed, Moderate Density) zoning district, a Preference 7 Disfavored Site under the WTS Guidelines. AT&T pursued candidates in order of preference as directed by the WTS Siting Guidelines therefore, as a Preference 6 Location; the Subject Location is more preferred.

Alternative Location Evaluated – X
543-545 Dolores Street

The building at 543-545 Dolores Street is a single-family residential building located within the RM-2 (Residential - Mixed, Moderate Density) zoning district, a Preference 7 Disfavored Site under the WTS Guidelines. AT&T pursued candidates in order of preference as directed by the WTS Siting Guidelines therefore, as a Preference 6 Location; the Subject Location is more preferred.

Alternative Location Evaluated – Y
547 Dolores Street

The building at 547 Dolores Street is a six (6) unit residential apartment building located within the RM-2 (Residential - Mixed, Moderate Density) zoning district, a Preference 7 Disfavored Site under the WTS Guidelines. AT&T pursued candidates in order of preference as directed by the WTS Siting Guidelines therefore, as a Preference 6 Location; the Subject Location is more preferred.

Alternative Location Evaluated – Z
553-557 Dolores Street

The building at 533-557 Dolores Street is a multiple-unit residential building located within the RM-2 (Residential - Mixed, Moderate Density) zoning district, a Preference 7 Disfavored Site under the WTS Guidelines. AT&T pursued candidates in order of preference as directed by the WTS Siting Guidelines therefore, as a Preference 6 Location; the Subject Location is more preferred.

Alternative Location Evaluated – AA
561-563 Dolores Street

The building at 561-563 Dolores Street is a residential building located within the RM-2 (Residential - Mixed, Moderate Density) zoning district, a Preference 7 Disfavored Site under the WTS Guidelines. AT&T pursued candidates in order of preference as directed by the WTS Siting Guidelines therefore, as a Preference 6 Location; the Subject Location is more preferred.

Alternative Location Evaluated – AB
565-569 Dolores Street

The building at 565-569 Dolores Street is a six (6) unit residential apartment building located within the RM-2 (Residential - Mixed, Moderate Density) zoning district, a Preference 7 Disfavored Site under the WTS Guidelines. AT&T pursued candidates in order of preference as directed by the WTS Siting Guidelines therefore, as a Preference 6 Location; the Subject Location is more preferred.

Alternative Location Evaluated – AC
3677 18th Street

The building at 3677 18th Street is a residential building located within the RM-2 (Residential - Mixed, Moderate Density) zoning district, a Preference 7 Disfavored Site under the WTS Guidelines. AT&T pursued candidates in order of preference as directed by the WTS Siting Guidelines therefore, as a Preference 6 Location; the Subject Location is more preferred.

Alternative Site Analysis Summary Table

	Location	Block/Lot	Zoning District	Building Type	WTS Pref.
A	551 Church Street	3579/ 006	P	Mission High School	1
B	601 & 691 Church	3586/ 001	P	Dolores Park	1
C	445 Church Street	3566/ 053	RM-3	Children's Council of SF	1
D	455 Dolores Street	3578/032	RM-2	Dolores Park Church	1
E	655 Dolores Street	3598/ 028	RH-3	Christian Science Church	1
F	450 Church Street	3565/ 001	P	Everett Middle School	1
G	3459 17th Street	3577/ 056	RTO-M	Cornerstone Church	1
H	630 Valencia Street	3577/ 001A	Valencia St NCT	Mission Police Station	1
I	59 Dearborn Street	3577/ 073	P	Dearborn Community Garden	1
J	3549 19th Street	3597/ 061	P	Mission Playground	1
K	3543 18th Street	3588/ 082	RTO-M	Women's Building community center	1
L	3434 17th Street	3568/ 015	Valencia St NCT	Commercial - Funeral Home	6
M	3683 18th Street	3578/ 027	NC-1	Commercial & Office	6
N	3678 18th Street	3578/ 026	NC-1	Residential (4-unit)	6
O	475 Dolores Street	3578 /030	RM-2	Residential (10-unit)	7
P	481-485 Dolores Street	3578/ 133-135	RM-2	Residential - condo	7
Q	487-491 Dolores Street	3578/ 028	RM-2	Residential (6-unit)	7
R	507-511 Dolores Street	3587 /046	RM-2	Residential	7
S	513-517 Dolores Street	3587/ 154-156	RM-2	Residential (6-unit)	7
T	519-523 Dolores Street	3587/ 043	RM-2	Residential (3-Unit)	7
U	527 Dolores Street	3587/ 042	RM-2	Residential (6-unit)	7
V	531-535 Dolores Street	3587/ 041	RM-2	Residential (4-unit)	7
W	537-541 Dolores Street	3587/ 040	RM-2	Residential (4-unit)	7
X	543-545 Dolores Street	3587/ 084-085	RM-2	Residential - condo	7
Y	547 Dolores Street	3587 /038	RM-2	Residential (6-unit)	7
Z	553-557 Dolores Street	3587 /107-109	RM-2	Residential - condo	7
AA	561-563 Dolores Street	3587/ 036	RM-2	Residential (Flat & duplex)	7
AB	565-569 Dolores Street	3587/ 035	RM-2	Residential (6-unit)	7
AC	3677-3679 18th Street	3587/ 102-104	RM-2	Residential - condo	7

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

C. Confirming new site location closes significant service coverage gap

Once AT&T's site acquisition experts have determined which proposed location is the best candidate available in the search area, another service map is created using the virtual transmitter mapped to the virtual proposed location in the service prediction tool in order to verify that the design goals will be met from the proposed location. Exhibits 2 and 4 to Attachment A show the service coverage before and after the proposed site is on air and confirm that the new equipment will close the significant service coverage gap set forth in Section IV.

D. Upgrading a surrounding site will not remedy the gap

Upgrading another existing site that borders the gap area is not a viable option to close the gap. Based on the location of AT&T's adjacent wireless facilities, it has been determined that upgrading any of those facilities would not close the gap, and that the only viable option to close this gap is by performing the work at issue in this application.

Map of Adjacent Facilities
Please see the attached map of adjacent facilities.

Distance Between Wireless Facilities as Proposed

Site Number	Status	Approximate Distance to Proposed Site
CN5722 **(Upgrade to SF1766)** 3682 18TH STREET	Proposed Macro Site	0.00 miles
***SF1766** 4051-4053 18TH STREET	Existing Micro Site	0.44 miles
SFA077 2001 MARKET STREET Macro upgrade CN5712 has been approved by the SF Planning Commission & SF DBI.	Existing Micro Site	0.51 miles
SF1760 2440 16TH STREET (1634 BRYANT STREET)	Existing Macro Site	0.85 miles
SF0708 2450 17TH STREET	Existing Macro Site	0.99 miles
SF1851 2270 FOLSOM STREET (3235-3249 18TH STREET)	Existing Macro Site	0.57 miles
SF0006 2601 MISSION STREET	Existing Macro Site	0.06 miles
SFA114 4003 24TH STREET	Existing Micro Site	0.78 miles
SFA087 400 CASTRO STREET Macro upgrade CN5559 has been approved by the SF Planning Commission & SF DBI.	Existing Micro Site	0.52 miles
SF0709 2174 MARKET STREET	Existing Macro Site	0.43 miles

Micro Site: Low height, non-directional antennas

Macro Site: Increased height, directional antennas

* CN5722 is an upgrade to SF1766. Upon construction of the proposed macro site (CN5722) at 3682 18th Street, and upon final integration into the existing and planned network, AT&T intends to decommission and remove the existing micro site (SF1766) at 4051-4053 18th Avenue.

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

To: Neighborhood Groups and Neighbors & Owners within 500' radius of 3682 18th Street

Meeting Information
Date: Wednesday, February 22, 2012
Time: 7:00 p.m - 9:00 p.m
Where: Eureka Valley Recreation Center
100 Collingwood Street
San Francisco, CA 94114

Site Information
Address: 3682 18th Street
Block/Lot: 3578/027
Zoning: RM-2, NC-1

Applicant
AT&T Mobility

Contact Information
AT&T Mobility Hotline
(415) 646-0972

AT&T Mobility is proposing a wireless communication facility at 3682 18th Street needed by AT&T Mobility as part of its San Francisco wireless network. The proposed AT&T Mobility site is an unmanned facility consisting of the installation of four (4) panel antennas. The antennas will be mounted on the roof of the existing residential/commercial building. The associated equipment would be located in the basement. Plans and photo simulations will be available for your review at the meeting. You are invited to attend an informational community meeting located at Eureka Valley Recreation Center, 100 Collingwood Street on Wednesday, February 22, 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 the San Francisco Planning Department at (415) 558-6378 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 February 20, 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 3682 18th Street

Información de la reunión
Fecha: Miércoles, 22 de febrero de 2012
Hora: 7:00 p.m - 9:00 p.m
Dónde: Eureka Valley Recreation Center
Auditorium
100 Collingwood Street
San Francisco, CA 94114

Información del lugar
Dirección: 3682 18th Street
Cuadra/Lote: 3578/027
Zonificación: RM-2, NC-1

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 3682 18th Street necesaria para AT&T Mobility como parte de su red inalámbrica en San Francisco. La ubicación propuesta de AT&T Mobility es una instalación sin personal que consiste en la instalación de cuatro (4) antenas panel. Las antenas se colocarán en el techo dentro de cuatro (4) conductos de ventilación que combinarán con los equipos mecánicos existentes en el edificio. El equipo asociado estará ubicado dentro del edificio en el sótano. 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 Eureka Valley Recreation Center (Auditorium), 100 Collingwood Street, el miércoles, 22de febrero 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 Sharon Lai, Planificadora en el Departamento de Planificación de San Francisco al (415) 575-9087 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 el lunes, febrero 20, 2012 antes de 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：18號街3682號周圍五百英尺內的居民組織、居民和業主

會議資訊
日期： 2012年2月22日（星期三）
時間： 下午 7:00-9:00
地點： 加利福尼亞州三藩市Collingwood Street街100號Eureka Valley Recreation Center會堂（郵遞區號94114）

設施地點資訊
地址：18號街3682號
街區/地段：3578/027
分區：RM-2，NC-1

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18號街3682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，需要安裝四(4) 根平板天線。這些天線將被放置在屋頂上的四（4）個仿造通風口內，這些仿造通風口將被粉刷成與該建築現有的機械設備相符的顏色。相關設備將被放置在該建築的地下室內。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2月22日（星期三）下午 7:00 在Collingwood Street街100號Eureka Valley Recreation Center會堂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) 575-9087與三藩市城市規劃局的規劃員Sharon Lai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2月20日（星期一）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。

Affidavit of Conducting a Community Outreach Meeting

I, Carolyn Barry, do hereby declare as follows:

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 Eureka Valley Recreation Center, 100 Collingwood Street, San Francisco, CA 94114 on Febuary 22, 2012 from 7pm – 9 pm.

3. I have included the **meeting initiation, sign-in sheet and issue/response summary** 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, 2/23/12 IN SAN FRANCISCO

Carolyn Barry
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)

3682 18th Street
Project Address

kdi LAND USE PLANNING

February 23, 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 3682 18th Street

Dear Mr. Putra

On February 22, 2012, AT&T Mobility conducted a community outreach meeting regarding the proposed wireless facility at 3682 18th Street (2011.1369C). The meeting was held at Eureka Valley Recreation Center at 100 Collingwood St, San Francisco, CA 94114 from 7-9 p.m. Notification of the outreach meeting was sent out on February 8, 2012 to 825 owners and tenants within 500 feet of the proposed installation and 37 neighborhood organizations.

Corey Alvin conducted the meeting for AT&T Mobility as the project sponsor along with Boe Hayward of AT&T's External Affairs, Luis Cuadra with Berg Davis Public Affairs, and Raj Mather, a radio-frequency engineer with Hammett and Edison, Inc, who was there to answer any questions regarding the EMF emissions from the proposed wireless facility. One community member attended and stated that he was curious about what the site would look like when built and only stayed for a few minutes. We received one telephone call from a community resident, whose apartment is above Bi-Rite Creamery. Mr. Alvin returned this phone call and the neighbor was satisfied that the location of the antennas would not impact her view.

Please contact me if you have any questions or concerns.

Sincerely,

Carolyn Barry
KDI Planning, representing AT&T Mobility

Attachments:
Affidavit of Conducting a Community Outreach Meeting
Community Meeting Notice

855 FOLSOM STREET, SUITE 106 ● SAN FRANCISCO ● CA ● 94107 ● OFFICE (415)341-8890 ● FASCIMILLE (415) 341-1365

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.
ANDREA L. BRIGHT, P.E.
KENT A. SWISHER
NEIL J. OLIJ

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

BY E-MAIL JONAS.IONIN@SFGOV.ORG

March 12, 2013

Mr. Jonas Ionin
SF Planning Department
1650 Mission Street, Suite 400
San Francisco, California 94103

Dear Jonas:

Our firm was selected to conduct the review required by the City of San Francisco of the coverage maps submitted by AT&T Mobility as part of its application package for its base station proposed to be located at 3682 18th Street (Site No. CN5722). 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 four directional panel antennas – two Andrew Model DBXNH-6565A-R2M antennas and two Andrew Model TBXLHB-6565A-R2M antennas – within individual enclosures, configured to resemble vents, above the roof of the three-story mixed-use building located at 3682 18th Street. The antennas would be mounted with up to 4° downtilt at an effective height of about 39½ feet above ground, 5 feet above the roof, and would be oriented in pairs (one of each) toward 100°T and 220°T. The maximum effective radiated power proposed by AT&T in any direction is 7,180 watts, representing simultaneous operation at 5,210 watts for PCS, 1,190 watts for cellular, and 780 watts for 700 MHz service; no operation on AWS frequencies is proposed for this site.

AT&T provided for review two pairs coverage maps, dated March 11, 2013, 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

e-mail: **bhammett@h-e.com**
Delivery: **470 Third Street West • Sonoma, California 95476**
Telephone: **707/996-5200 San Francisco • 707/996-5280 Facsimile • 202/396-5200 D.C.**

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 the 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 March 4, 2013, between 8:00 PM and 9:00 PM, and on March 5, 2013, between 10:30 AM and 12:30 PM.

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 AT&T UMTS and the 4G LTE 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,

William F. Hammett, P.E.

jp

cc: Ms. Theadora Vriheas - BY E-MAIL TV8342@ATT.COM

BI-RITE CREAMERY
3682 18TH STREET
SAN FRANCISCO, CA 94110
CN5722

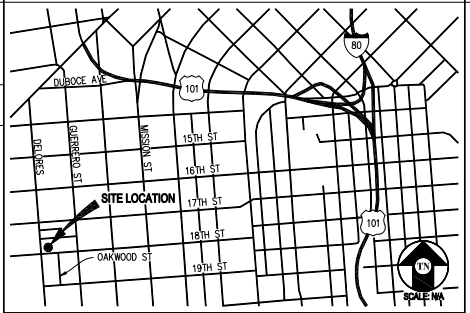
PROJECT DESCRIPTION

A (P) UNMANNED TELECOMMUNICATION FACILITY CONSISTING OF A (P) BASEMENT EQUIPMENT ROOM W/ (5) (P) EQUIPMENT CABINETS. ALSO ADDING (4) (P) AT&T ANTENNAS INSIDE (4) (P) FAUX VENTS, PAINT TO MATCH (E) VENTS ON THE (E) ROOF.

PROJECT INFORMATION

SITE NAME:	BI-RITE CREAMERY	SITE #:	CN5722
COUNTY:	SAN FRANCISCO	JURISDICTION:	CITY OF SAN FRANCISCO
APN:	BLOCK 3578, LOT 27	POWER:	PG&E
SITE ADDRESS:	3682 18TH STREET SAN FRANCISCO, CA 94110	TELEPHONE:	AT&T
CURRENT ZONING:	NC-1		
CONSTRUCTION TYPE:	IV, NO SPRINKLERS		
OCCUPANCY TYPE:	U		
HEIGHT / BULK:	40-X		
PROPERTY OWNER:	CALNICA, INC. ROBERT PADILLIA PO BOX 41487 SAN FRANCISCO, CA 94141		
APPLICANT:	AT&T 4430 ROSEWOOD DR BLDG 3, 6TH FLOOR PLEASANTON, CA 94588		
LEASING CONTACT:	ATTN: JOHN BACCHINI (650) 867-3637		
ZONING CONTACT:	ATTN: MIKE MARCUS (805) 234-2409		
CONSTRUCTION CONTACT:	ATTN: EARLE EARLEY (408) 636-3717		
LATITUDE: LONGITUDE:	N 37° 45' 41.77" NAD 83 W 122° 25' 32.46" NAD 83		
AMSL:	±51'		

VICINITY MAP



DRIVING DIRECTIONS

FROM: 4430 ROSEWOOD DR BLDG 3, 6TH FLOOR, PLEASANTON, CA 94588
TO: 3682 18TH STREET, SAN FRANCISCO, CA 94110

1. START OUT GOING SOUTHEAST ON ROSEWOOD DR TOWARD OLD SANTA RITA RD.	0.5 MI
2. TURN LEFT ONTO SANTA RITA RD.	0.3 MI
3. STAY STRAIGHT TO GO ONTO TASSAJARA RD.	0.1 MI
4. MERGE ONTO I-580 W TOWARD OAKLAND.	28.3 MI
5. MERGE ONTO I-80 W VIA THE EXIT ON THE LEFT TOWARD SAN FRANCISCO (PORTIONS TOLL).	8.2 MI
6. MERGE ONTO US-101 N/CENTRAL FWY TOWARD GOLDEN GATE BRIDGE.	0.7 MI
7. TAKE THE US-101 N/MISSION ST EXIT, EXIT 434A, TOWARD DUBOCE AVE/G G BR.	0.2 MI
8. TAKE THE RAMP TOWARD DUBOCE AVE.	0.0 MI
9. TURN SLIGHT RIGHT ONTO DUBOCE AVE.	0.2 MI
10. TURN LEFT ONTO GUERRERO ST.	0.6 MI
11. TURN RIGHT ONTO 18TH ST.	0.1 MI

END AT: 3682 18TH STREET, SAN FRANCISCO, CA 94110

ESTIMATED TIME: 49 MINUTES ESTIMATED DISTANCE: 39.26 MILES

CODE COMPLIANCE

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

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

ALONG WITH ANY OTHER APPLICABLE LOCAL & STATE LAWS AND REGULATIONS

DISABLED ACCESS REQUIREMENTS

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

SHEET INDEX

SHEET	DESCRIPTION	REV
T-1	TITLE SHEET	-
C-1	TOPOGRAPHIC SURVEY	-
A-1	SITE PLAN	-
A-2	EQUIPMENT PLAN & DETAILS	-
A-3	ANTENNA PLAN & DETAILS	-
A-4	ELEVATIONS	-
A-5	ELEVATIONS	-

APPROVAL

RF

LEASING

ZONING

CONSTRUCTION

AT&T

ERICSSON

BI-RITE CREAMERY

CN5722
3682 18TH STREET
SAN FRANCISCO, CA 94110

ISSUE STATUS

△	DATE	DESCRIPTION	BY
	07/27/10	ZD 90%	C.C.
	03/11/11	ZD 100%	J.S.
	04/21/11	CLIENT REV	J.S.
	04/25/11	CLIENT REV	C.C.
	10/25/11	CLIENT REV	C.C.
	10/31/11	CLIENT REV	A.M.

DRAWN BY:	C. CODY
CHECKED BY:	C. MATHISEN
APPROVED BY:	-
DATE:	10/31/11

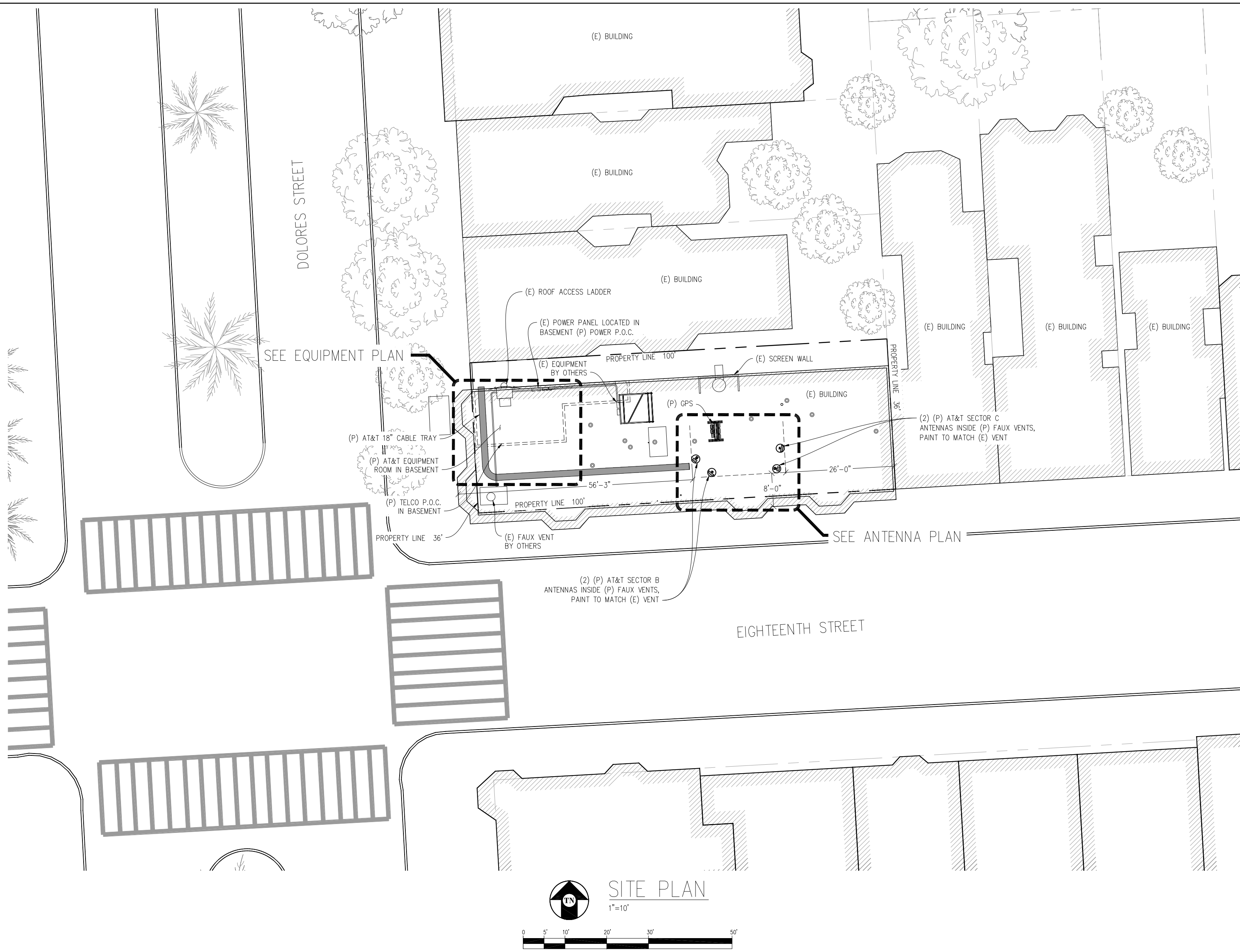
Streamline Engineering and Design, Inc.
3268 Penryn Rd. Suite 200 Loomis, CA 95650
Contact: Larry Haughtby Phone: 916-275-4180
E-Mail: larry@streamlineengineering.com Fax: 916-652-9441

at&t

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

SHEET TITLE:
TITLE

SHEET NUMBER:
T-1



SITE PLAN

1"=10'

BI-RITE CREAMERY

CN5722

3682 18TH STREET
SAN FRANCISCO, CA 94110

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E-Mail: larry@streamlineeng.com Fax: 916-660-1941

at&t

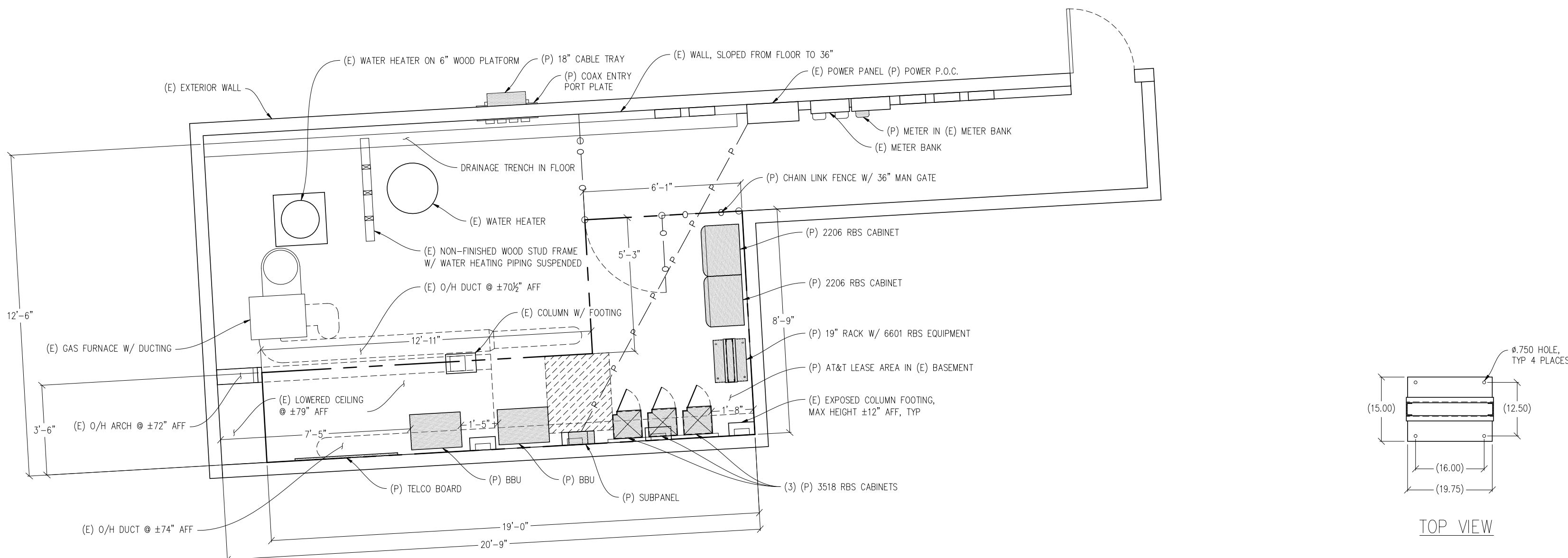
4430 ROSEWOOD DR BLDG 3, 6TH FLOOR
PLEASANTON, CA 94588

SHEET TITLE:

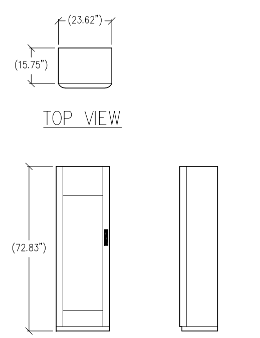
SITE PLAN

SHEET NUMBER:

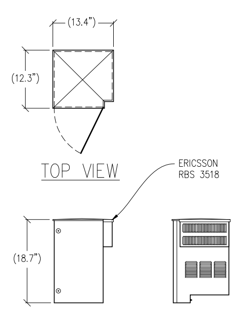
A-1



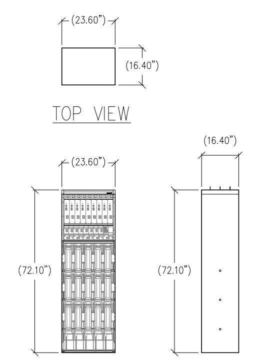
EQUIPMENT PLAN
½"=1'



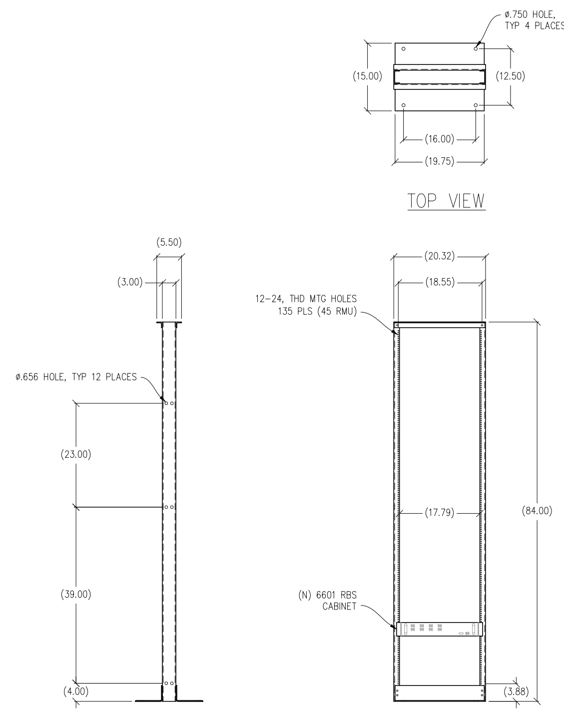
1 RBS DETAIL
½"=1'
ERICSSON RBS 2206



2 RBS DETAIL
1"=1'-0"



3 BBU CABINET DETAIL
½"=1'
4500 BBU CABINET



4 19" RACK DETAIL
1"=1'

BI-RITE CREAMERY

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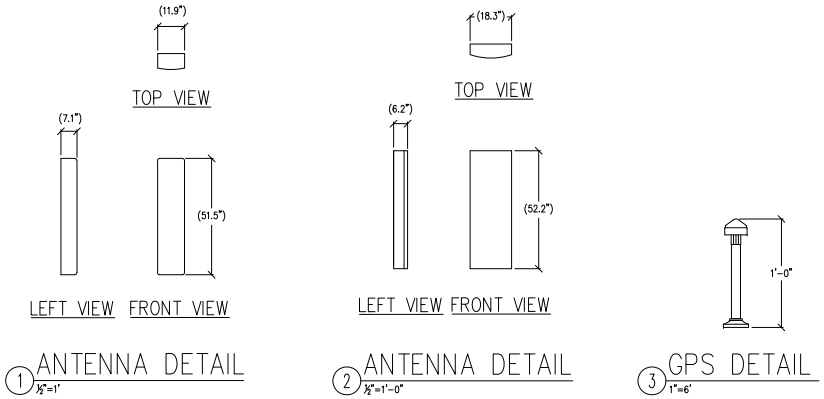
at&t
4430 ROSEWOOD DR BLDG 3, 6TH FLOOR
PLEASANTON, CA 94588

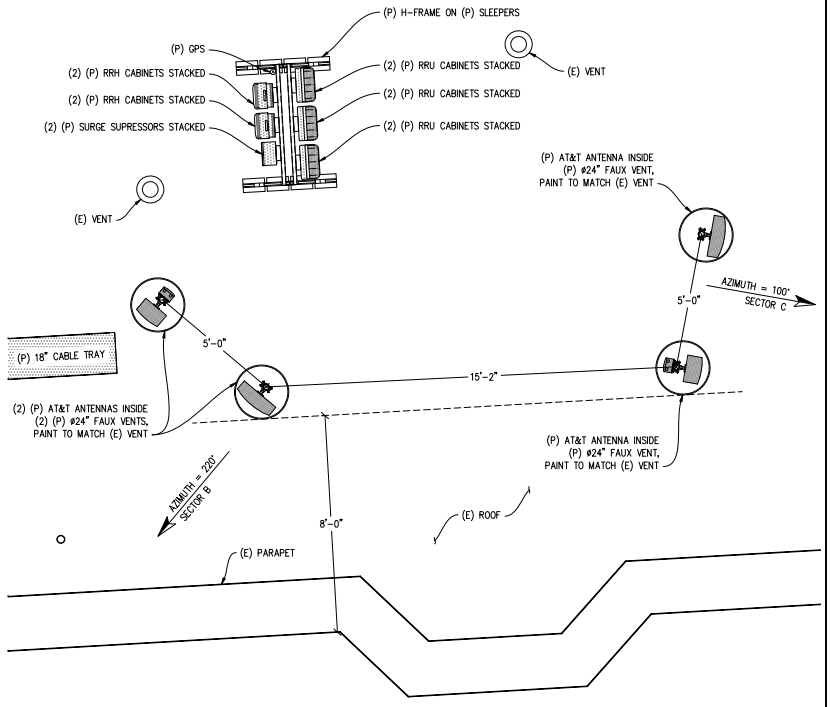
SHEET TITLE:
EQUIPMENT PLAN & DETAILS
SHEET NUMBER:
A-2



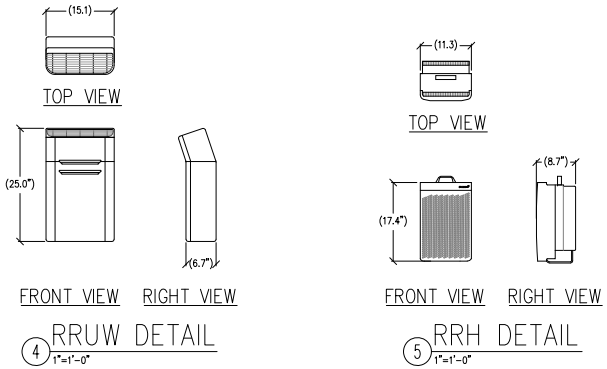
1 ANTENNA DETAIL
½"=1'

2 ANTENNA DETAIL
½"=1'-0"

3 GPS DETAIL
1"=6'



ANTENNA PLAN
½"=1'



4 RRUW DETAIL
1"=1'-0"

5 RRH DETAIL
1"=1'-0"

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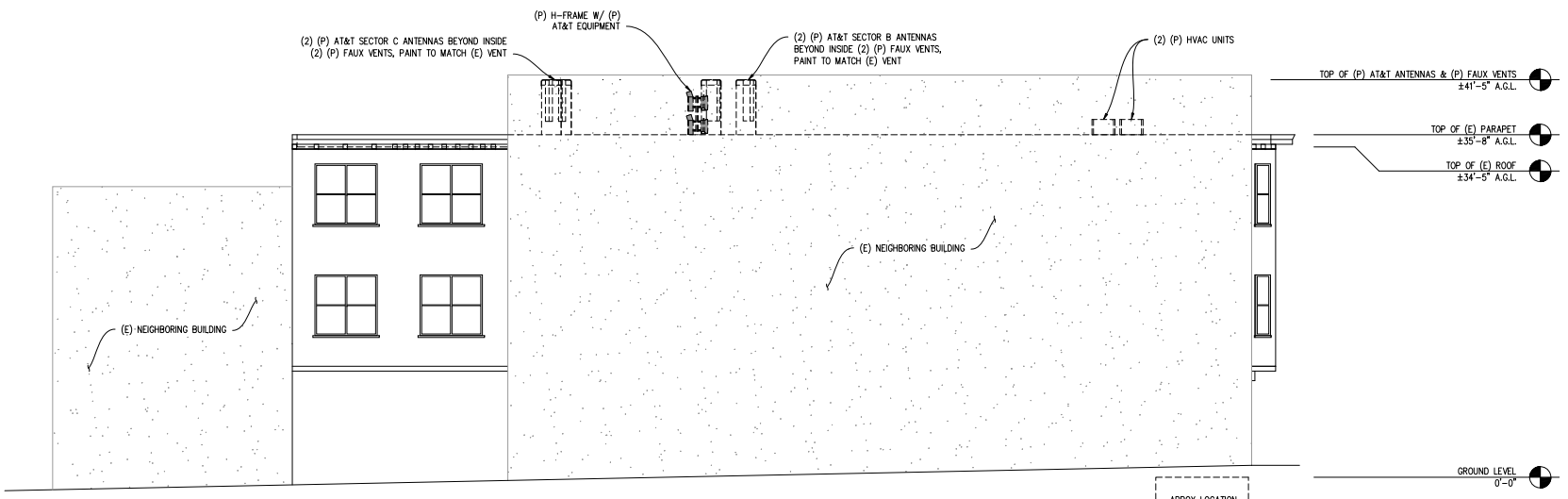
at&t

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

SHEET TITLE:
ANTENNA PLAN & DETAILS

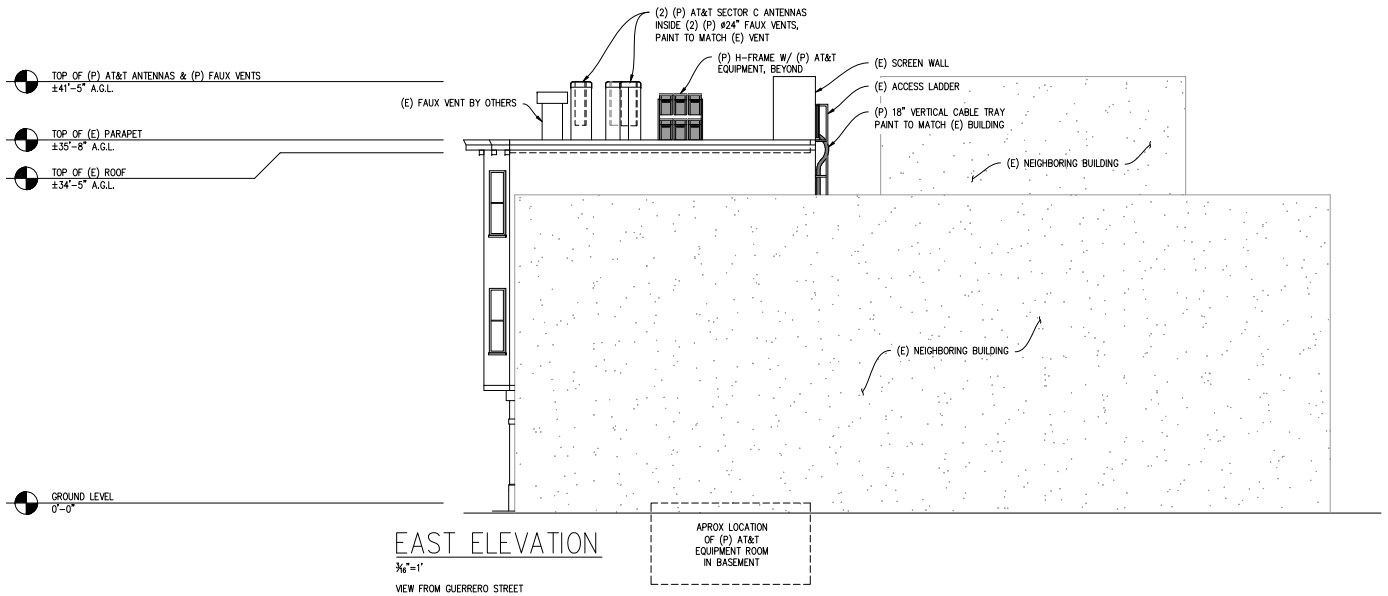
SHEET NUMBER:
A-3



NORTH ELEVATION

3/16"=1'

VIEW FROM DORLAND STREET



EAST ELEVATION

3/16"=1'

VIEW FROM GUERRERO STREET

BI-RITE CREAMERY

CN5722
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SAN FRANCISCO, CA 94110

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at&t

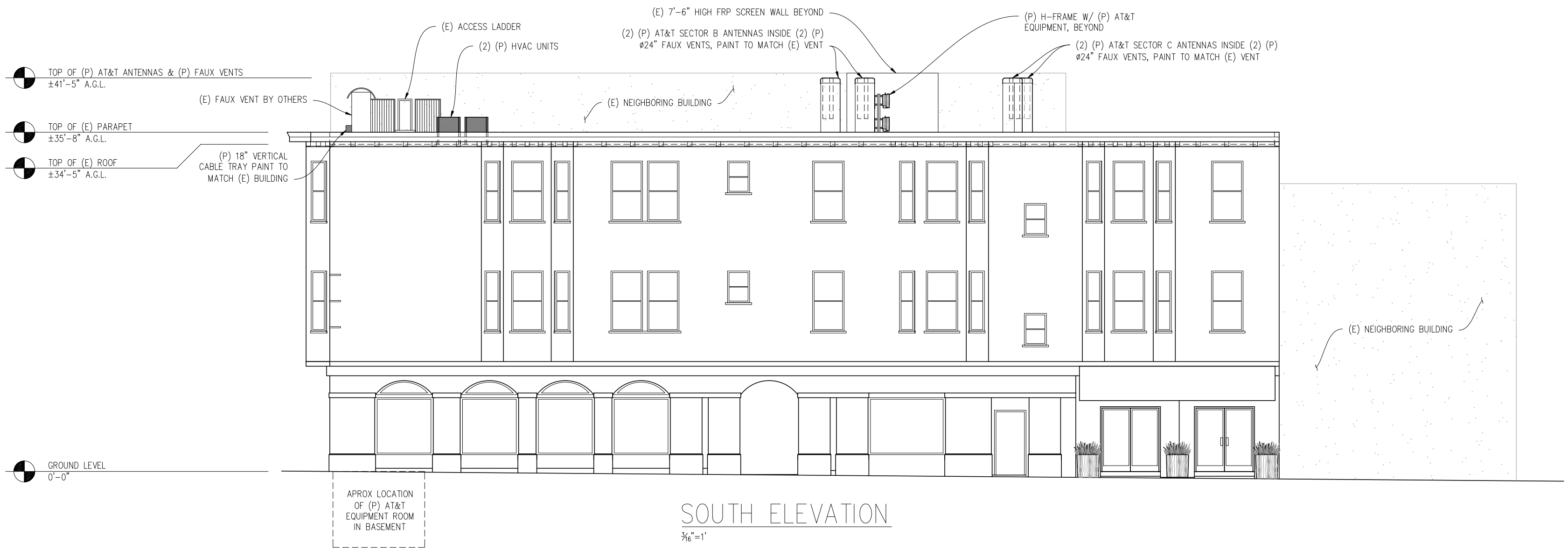
443N ROSEWOOD DR. BLDG 3, 6TH FLOOR
PLEASANTON, CA 94588

SHEET TITLE:

ELEVATIONS

SHEET NUMBER:

A-4



SOUTH ELEVATION

3/16"=1'

VIEW FROM 18TH STREET

WEST ELEVATION

3/16"=1'

VIEW FROM DOLORES STREET

BI-RITE CREAMERY

CN5722
3682 18TH STREET
SAN FRANCISCO, CA 94110

ISSUE STATUS

△	DATE	DESCRIPTION	BY
	07/27/10	ZD 90%	C.C.
	03/11/11	ZD 100%	J.S.
	04/21/11	CLIENT REV	J.S.
	04/25/11	CLIENT REV	C.C.
	10/25/11	CLIENT REV	C.C.
	10/31/11	CLIENT REV	A.M.

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CHECKED BY: C. MATHISEN

APPROVED BY: –

DATE: 10/31/11

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at&t

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

SHEET TITLE:

ELEVATIONS

SHEET NUMBER:

A-5