



SAN FRANCISCO PLANNING DEPARTMENT

Executive Summary Conditional Use Authorization

HEARING DATE: FEBRUARY 28, 2013

Date: February 21, 2013
Case No.: **2012.1442C**
Project Address: **795 Folsom Street**
Current Zoning: MUR (Mixed Use - Residential) District
Youth and Family Zone SUD
85-X Height and Bulk District
Block/Lots: 3751/105, 112, and 155
Project Sponsor: AT&T Mobility represented by
Eric Lentz, Permit Me, Inc.
430 Bush St 5th Floor
San Francisco CA 94108
Staff Contact: Michelle Stahlhut – (415) 575-9116
Michelle.Stahlhut@sfgov.org

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

Reception:
415.558.6378

Fax:
415.558.6409

Planning
Information:
415.558.6377

PROJECT DESCRIPTION

The proposal is to modify an existing macro wireless telecommunications service (“WTS”) facility by adding four panel antennas to an existing site for a total of 16 panel antennas located on the rooftop penthouse of the subject building along with equipment that would be located on the rooftop as part of AT&T Mobility’s telecommunications network. The facility is located on a Location Preference 2 Site (Co-location Site) according to the WTS Siting Guidelines. The proposed antennas would measure a maximum of 55” high by 12” wide by 6” thick. All sixteen antennas would be façade mounted on the rooftop penthouse of the building and would be the same height as the penthouse at the maximum height of 92’ 10” above grade.

SITE DESCRIPTION AND PRESENT USE

The building is located on Assessor’s Block 3751, Lots 105, 112, and 155 on the southeast corner of Folsom Street and Fourth Street. The site is within a MUR (Mixed Use - Residential) Zoning District and 85-X Height and Bulk District. The Project Site contains a six-story office building. The building currently contains 12 panel antennas operated by AT&T that were installed when the site was located in the former Yerba Buena Redevelopment Area, which expired in 2010.

SURROUNDING PROPERTIES AND NEIGHBORHOOD

Nearby land uses include residential apartments and surface parking to the south, an adult day health center to the east, the Society of California Pioneers to the west, and Yerba Buena Gardens and Center for the Arts, and the Moscone Center to the north. The site is also located in the Youth and Family Zone Special Use District.

ENVIRONMENTAL REVIEW

The project is exempt from the California Environmental Quality Act (“CEQA”) as a Class 1 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 8, 2013	February 1, 2013	27 days
Posted Notice	20 days	February 8, 2013	February 8, 2013	20 days
Mailed Notice	20 days	February 8, 2013	February 1, 2013	27 days

PUBLIC COMMENT

As of February 21, 2013, the Department has received no public comment on 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 841.93 of the Planning Code, Conditional Use authorization is required for a WTS facility in MUR 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 2, (MUR (Mixed-Use, Residential) Zoning District) according to the Wireless Telecommunications Services (WTS) Siting Guidelines.
- Health and safety aspects of all wireless projects are reviewed under the Department of Public Health and the Department of Building Inspections.
- The expected RF emissions fall well within the limits established by the FCC.
- Based on propagation maps provided by AT&T Mobility, the project will provide coverage in an area that currently experiences several gaps in coverage and capacity.
- Based on the analysis provided by AT&T Mobility, the project will provide additional capacity in an area that currently experiences insufficient service during periods of high data usage.
- Based on independent third-party evaluation, the maps, data, and conclusions about service coverage and capacity provided by AT&T Mobility are accurate.
- The proposed antennas will be minimally visible when viewed from adjacent rights-of-way and points further away so as to avoid intrusion into public vistas, avoid disruption of the architectural integrity of building and insure harmony with neighborhood character.
- The proposed project has been reviewed by staff and found to be categorically exempt from further environmental review. The proposed changes to the subject building do not result in a significant impact on the resource. The proposed antenna project is categorically exempt from further environmental review pursuant to the Class 1 exemptions of California Environmental Quality Act.
- A Five Year Plan with approximate longitudinal and latitudinal coordinates of proposed locations, including the subject site, was submitted.
- All required public notifications were conducted in compliance with the City's code and policies.

RECOMMENDATION: Approval with Conditions

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

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



SAN FRANCISCO PLANNING DEPARTMENT

Subject to: (Select only if applicable)

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

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

Reception:
415.558.6378

Fax:
415.558.6409

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Information:
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Planning Commission Motion No. XXXX

HEARING DATE: FEBRUARY 28, 2013

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Case No.: **2012.1442C**
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ADOPTING FINDINGS RELATING TO THE APPROVAL OF A CONDITIONAL USE AUTHORIZATION UNDER PLANNING CODE SECTION 303(c) AND 841.93 TO ADD FOUR PANEL ANTENNAS TO AN EXISTING WIRELESS TELECOMMUNICATIONS SERVICES FACILITY RESULTING IN A TOTAL OF 16 PANEL ANTENNAS LOCATED ON THE PENTHOUSE OF AN EXISTING MIXED-USE WHOLLY COMMERCIAL BUILDING AS PART OF AT&T’S WIRELESS TELECOMMUNICATIONS NETWORK WITHIN A MUR (MIXED USE - RESIDENTIAL) ZONING DISTRICT, YOUTH AND FAMILY ZONE SUD, AND 85-X HEIGHT AND BULK DISTRICT.

PREAMBLE

On November 12, 2012, AT&T Mobility (hereinafter "Project Sponsor"), made an application (hereinafter "Application"), for Conditional Use Authorization on the property at 795 Folsom Street, Lots 105, 112, and 115 in Assessor's Block 3751, (hereinafter "Project Site") to add four panel antennas to an existing wireless telecommunications services facility resulting in a total of 16 panel antennas located on the penthouse of an existing mixed-used wholly commercial building as part of AT&T’s wireless telecommunications network within a MUR (Mixed Use - Residential) Zoning District and 85-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 February 28, 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. 2012.1442C, 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 3751, Lots 105, 112, and 155 on the southeast corner of Folsom Street and Fourth Street. The site is within an MUR (Mixed Use - Residential) Zoning District and 85-X Height and Bulk District. The Project Site contains a six-story office building. The building currently contains 12 panel antennas operated by AT&T that were installed when the site was located in the former Yerba Buena Redevelopment Area, which expired in 2010.
3. **Surrounding Properties and Neighborhood.** Nearby land uses include residential apartments and surface parking to the south, an adult day health center to the east, the Society of California Pioneers to the west, and Yerba Buena Gardens and Center for the Arts, and the Moscone Center to the north. The site is also located in the Youth and Family Zone Special Use District.
4. **Project Description.** The proposal is to modify an existing macro wireless telecommunications service ("WTS") facility by adding four panel antennas to an existing site for a total of 16 panel antennas located on the rooftop penthouse of the subject building along with equipment that would be located on the rooftop as part of AT&T Mobility's telecommunications network. The facility is located on a Location Preference 2 Site (Co-location Site) according to the WTS Siting Guidelines. The proposed antennas would measure a maximum of 55" high by 12" wide by 6" thick. All sixteen antennas would be façade mounted on the rooftop penthouse of the building and would be the same height as the penthouse at the maximum height of 92' 10" above grade.
5. **Past History and Actions.** The Planning Commission adopted the Wireless Telecommunications Guidelines for the installation of Wireless Telecommunications Facilities in 1996 (hereinafter

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

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

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

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 February 28, 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 841.93 to modify a wireless telecommunications facility by adding four panel antennas for a total of 16 panel antennas on the rooftop penthouse of an existing commercial building along with equipment on the rooftop as part of AT&T's wireless telecommunications network.

6. **Location Preference.** The *WTS Facilities Siting Guidelines* identify different types of zoning and/or building uses for the siting of wireless telecommunications facilities. Under the *Guidelines*, the Project is a Location Preference Number 2 Co-Location Site as the Project Site is an existing wireless telecommunications services facility site.

7. **Radio Waves Range.** The Project Sponsor has stated that the proposed wireless network will transmit calls by radio waves operating in the 1710 - 2170 Megahertz (MHZ) bands, which is regulated by the Federal Communications Commission (FCC) and must comply with the FCC-adopted health and safety standards for electromagnetic radiation and radio frequency radiation.
8. **Radiofrequency (RF) Emissions:** The Project Sponsor retained Hammett & Edison, Inc., a radio engineering consulting firm, to prepare a report describing the expected RF emissions from the proposed facility. Pursuant to the *Guidelines*, the Department of Public Health reviewed the report and determined that the proposed facility complies with the standards set forth in the *Guidelines*.
9. **Department of Public Health Review and Approval.** The proposed project was referred to the Department of Public Health (DPH) for emissions exposure analysis. Existing RF levels at ground level were 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 90 feet above the ground. The estimated ambient RF field from the proposed AT&T Mobility transmitters at ground level is calculated to be 0.0053 mW/sq. cm., which is 0.97% 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.
10. **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.
11. **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.
12. **Community Outreach.** Per the *Guidelines*, the Project Sponsor held a Community Outreach Meeting for the proposed project. The meeting was held at 6:00 p.m. on February 7, 2013 in a meeting room at EEFG, Inc. located at 657 Mission Street, Ste 200. No community members attended the meeting.
13. **Five-year plan:** Per the *Guidelines*, the Project Sponsor submitted its latest five-year plan, as required, in October 2012.
14. **Public Comment.** As of February 21, 2013, the Department has received no public comment on the proposed project.

15. **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 841.93, a Conditional Use authorization is required for the installation of other public uses such as wireless transmission facilities.

16. **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 795 Folsom 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 795 Folsom 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 added to an existing wireless site, façade-mounted on the rooftop penthouse at the approximate height of 92 feet above grade and 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.

17. **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 proposes adding four antennas to an existing wireless telecommunications facility on the rooftop penthouse at the height of approximately 92 feet above grade. The proposed antennas on the rooftop of the building will be minimally visible and will appear as part of the existing rooftop penthouse.

COMMERCE AND INDUSTRY ELEMENT

Objectives and Policies

OBJECTIVE 1:

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

Policy 1:

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

Policy 2:

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

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

OBJECTIVE 2:

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

Policy 1:

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

Policy 3:

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

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

OBJECTIVE 4:

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

Policy 1:

Maintain and enhance a favorable business climate in the City.

Policy 2:

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

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

VISITOR TRADE

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

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

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

COMMUNITY SAFETY ELEMENT

Objectives and Policies

OBJECTIVE 3:

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

Policy 1:

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

Policy 2:

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

Policy 3:

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

Policy 4:

Establish and maintain an adequate Emergency Operations Center.

Policy 5:

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

Policy 6:

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

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

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

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

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

19. 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.

20. 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 841.93 and 303 to add four panel antennas to an existing wireless telecommunications service facility for a total of 16 panel antennas located on the façade of the rooftop penthouse and associated equipment cabinets located on the roof as part of a wireless transmission network operated by AT&T Mobility on a Location Preference 2 (Co-Location Site) according to the Wireless Telecommunications Services (WTS) Siting Guidelines, within a MUR (Mixed Use - Residential) Zoning District and 85-X Height and Bulk District and subject to the conditions of approval attached hereto as **Exhibit A**.

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

I hereby certify that the foregoing Motion was adopted by the Planning Commission on **February 28, 2013**.

Jonas P. Ionin
Acting Commission Secretary

AYES
NAYS:

ABSENT:

ADOPTED: February 28, 2013

EXHIBIT A

AUTHORIZATION

This authorization is for a Conditional Use Authorization under Planning Code Sections 841.93 and to add four panel antennas to an existing wireless telecommunications service facility for a total of 16 panel antennas at a Location Preference 2 (Co-Location Site) according to the Wireless Telecommunications Services (WTS) Siting Guidelines, as part of AT&T's wireless telecommunications network within a MUR (Mixed Use - Residential) Zoning District and 85-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 **February 28, 2013** under Motion No. xxxxx.

PRINTING OF CONDITIONS OF APPROVAL ON PLANS

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

SEVERABILITY

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

CHANGES AND MODIFICATIONS

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

Conditions of Approval, Compliance, Monitoring, and Reporting

PERFORMANCE

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

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

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

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

DESIGN – COMPLIANCE AT PLAN STAGE

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

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

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

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

MONITORING - AFTER ENTITLEMENT

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

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

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

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

7. **Revocation due to Violation of Conditions.** Should implementation of this Project result in complaints from interested property owners, residents, or commercial lessees which are not resolved by the Project Sponsor and found to be in violation of the Planning Code and/or the specific Conditions of Approval for the Project as set forth in Exhibit A of this Motion, the Zoning

Administrator shall refer such complaints to the Commission, after which it may hold a public hearing on the matter to consider revocation of this authorization.

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

8. Implementation Costs - WTS.

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

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

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

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

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

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

- i. Notification and Testing. The Project Implementation Report shall set forth the testing and measurements undertaken pursuant to Conditions 2 and 4.
- ii. Approval. The Zoning Administrator shall request that the Certification of Final Completion for operation of the facility not be issued by the Department of Building Inspection until such time that the Project Implementation Report is approved by the Department for compliance with these conditions.

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

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

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

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

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

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

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

OPERATION

14. **Community Liaison.** Prior to issuance of a building permit application to construct the project and implement the approved use, the Project Sponsor shall appoint a community liaison officer to deal with the issues of concern to owners and occupants of nearby properties. The Project Sponsor shall provide the Zoning Administrator written notice of the name, business address, and telephone number of the community liaison. Should the contact information change, the Zoning Administrator

shall be made aware of such change. The community liaison shall report to the Zoning Administrator what issues, if any, are of concern to the community and what issues have not been resolved by the Project Sponsor.

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

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

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

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

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

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

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

18. **Transfer of Operation – WTS.** Any carrier/provider authorized by the Zoning Administrator or by the Planning Commission to operate a specific WTS installation may assign the operation of the facility to another carrier licensed by the FCC for that radio frequency provided that such transfer is made known to the Zoning Administrator in advance of such operation, and all conditions of approval for the subject installation are carried out by the new carrier/provider.

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

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

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

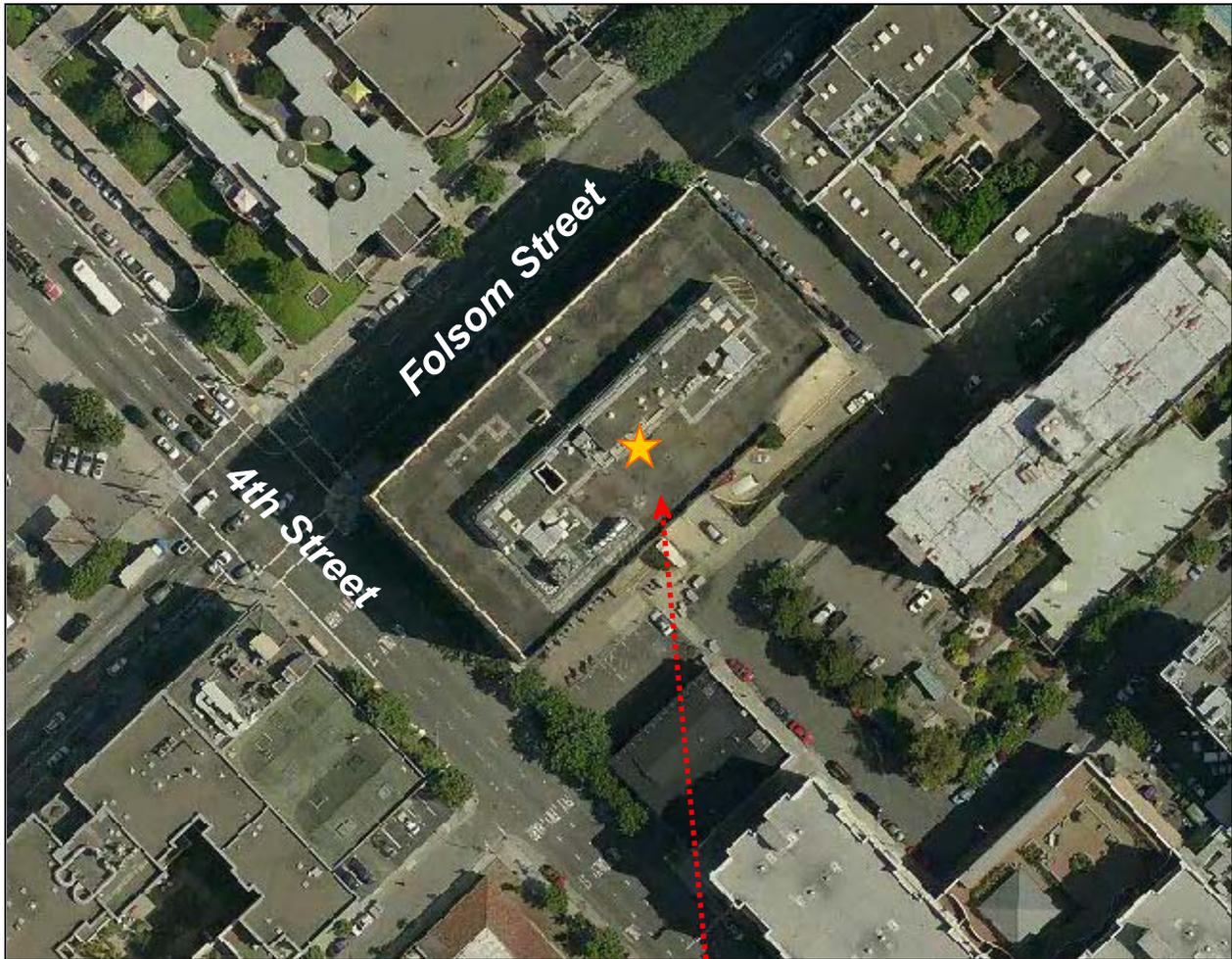
Zoning Map



SUBJECT PROPERTY



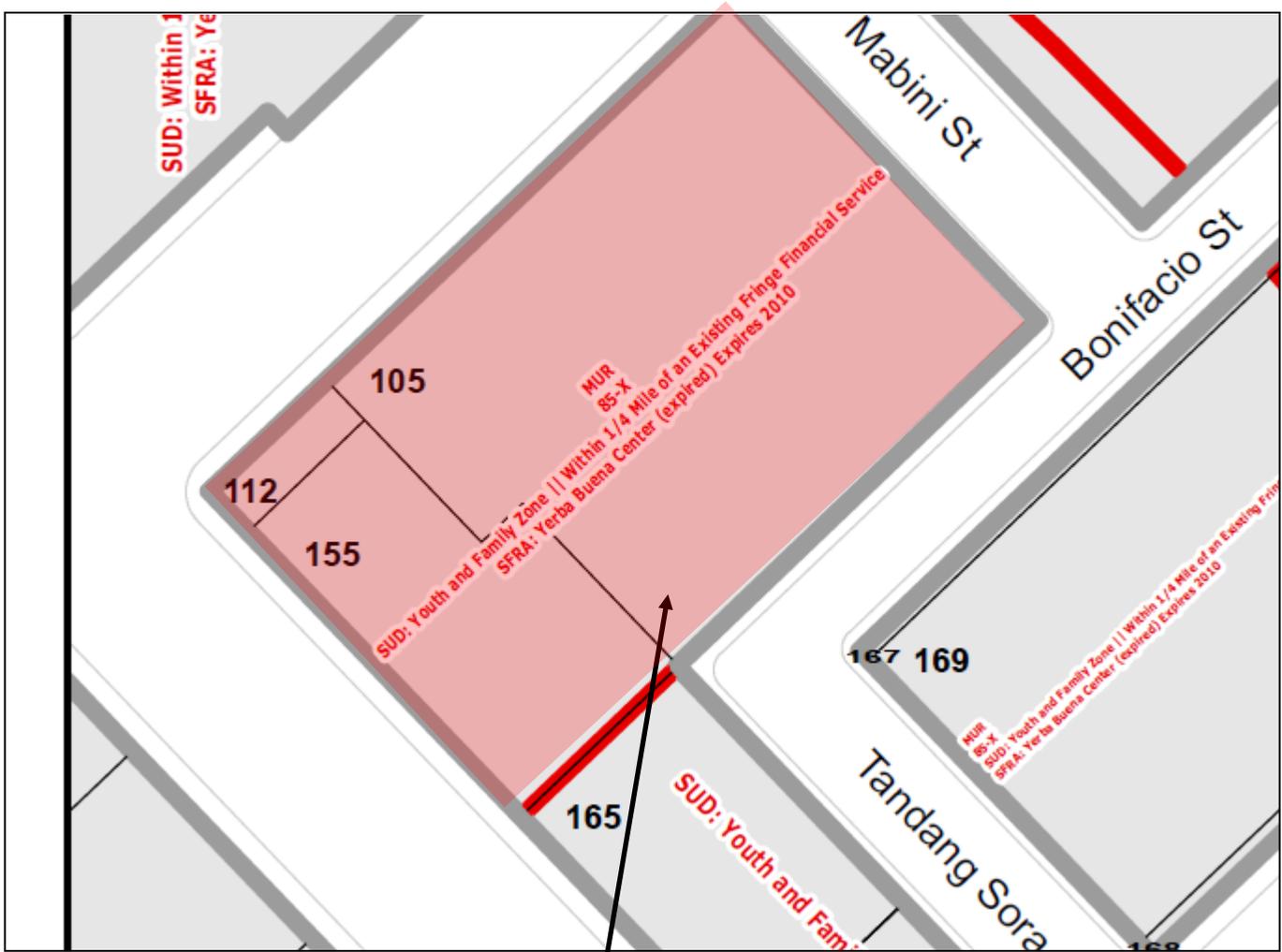
Aerial Photo



SUBJECT PROPERTY

Case Number 2012.1442C
AT&T Mobility WTS Facility
795 Folsom Street

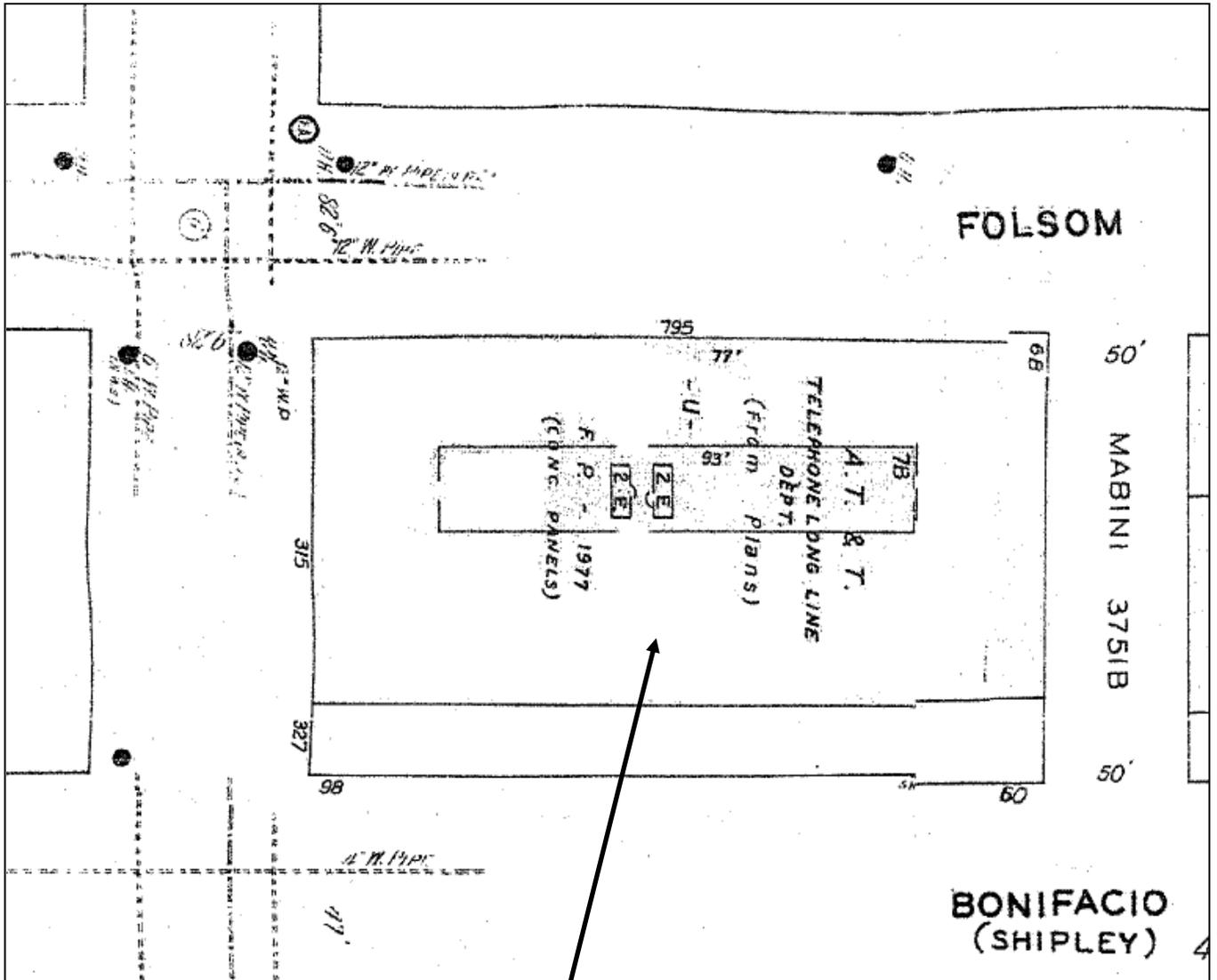
Parcel Map



SUBJECT PROPERTY



Sanborn Map*



SUBJECT PROPERTY

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



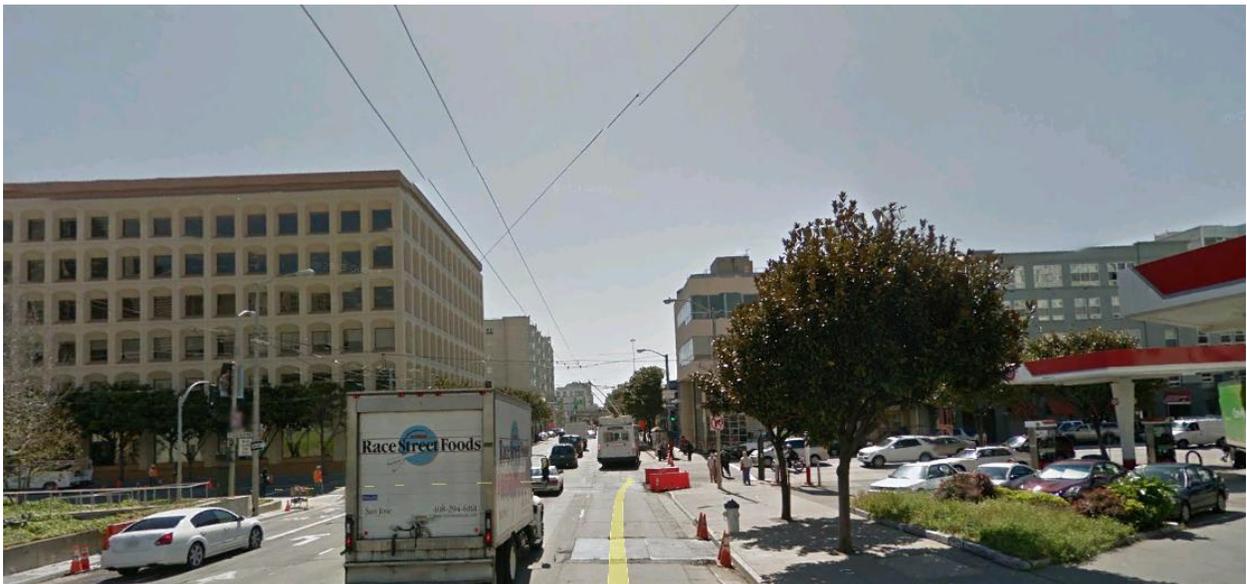
Case Number 2012.1442C
AT&T Mobility WTS Facility
795 Folsom Street

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:



Facing North 4th Street



Facing South on 4th Street

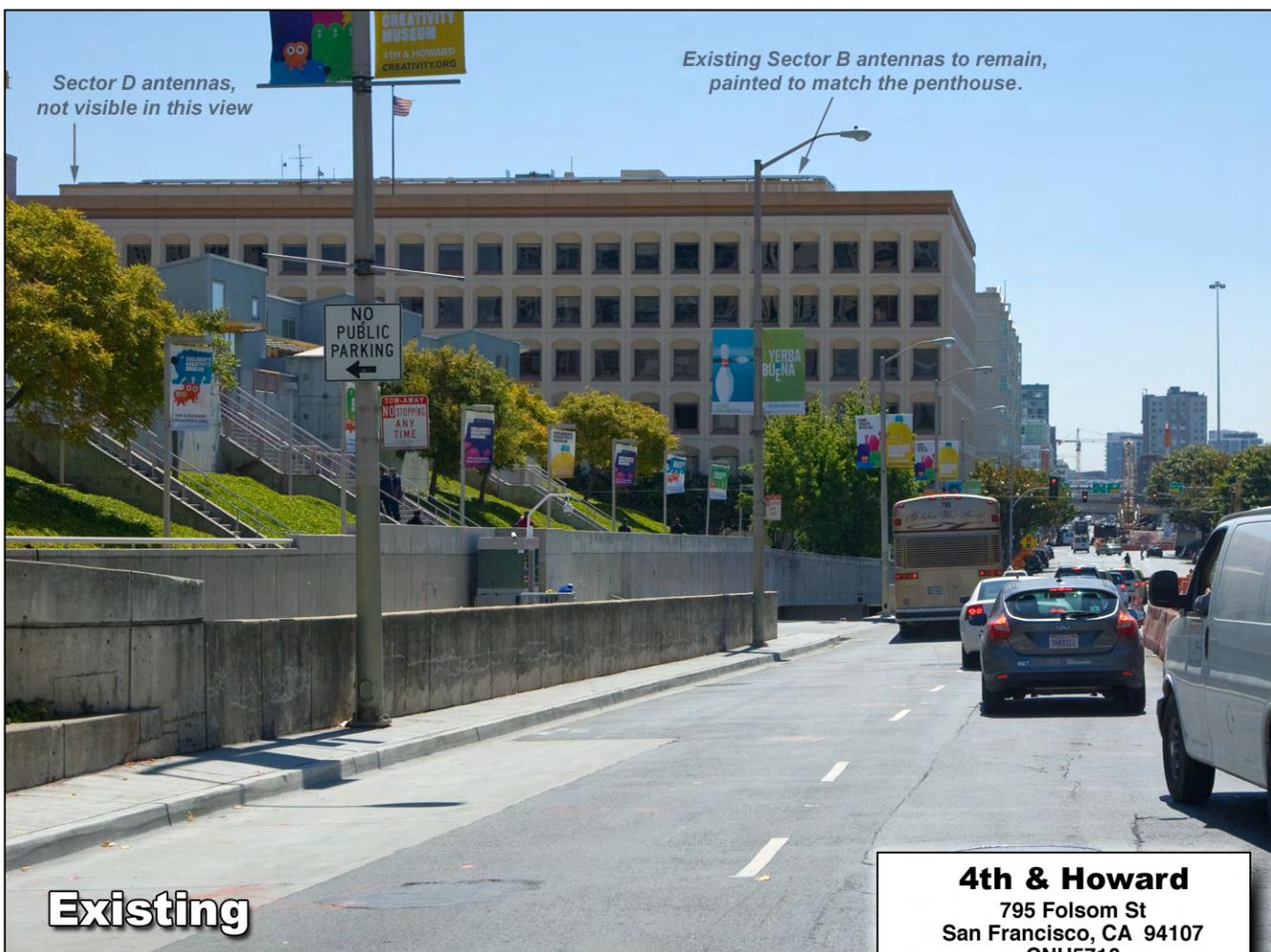


Facing East on Folsom Street



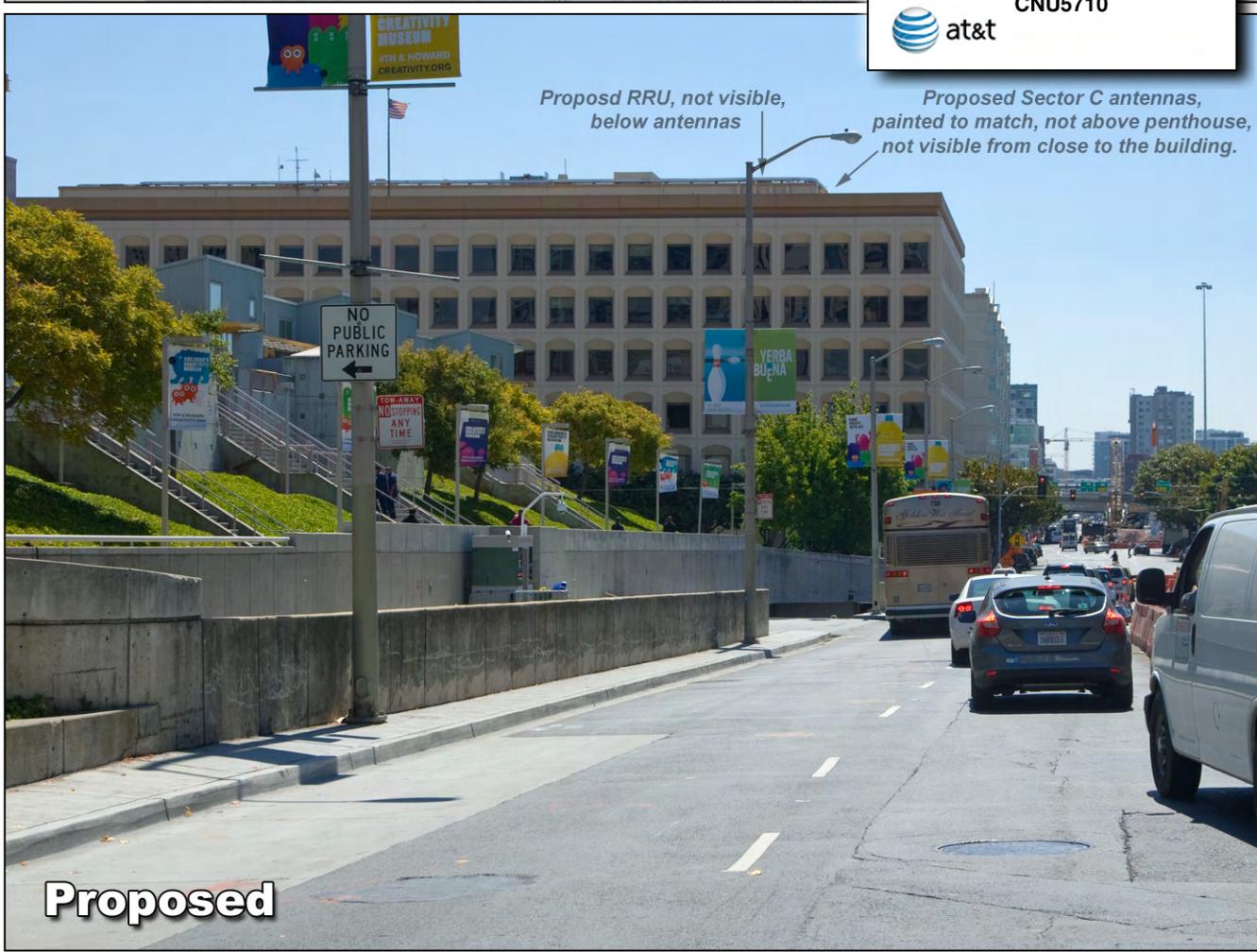
Facing West on Folsom Street

Photosimulation of view looking southeast along 4th Street a block north of Folsom Street.



Existing

4th & Howard
 795 Folsom St
 San Francisco, CA 94107
 CNU5710



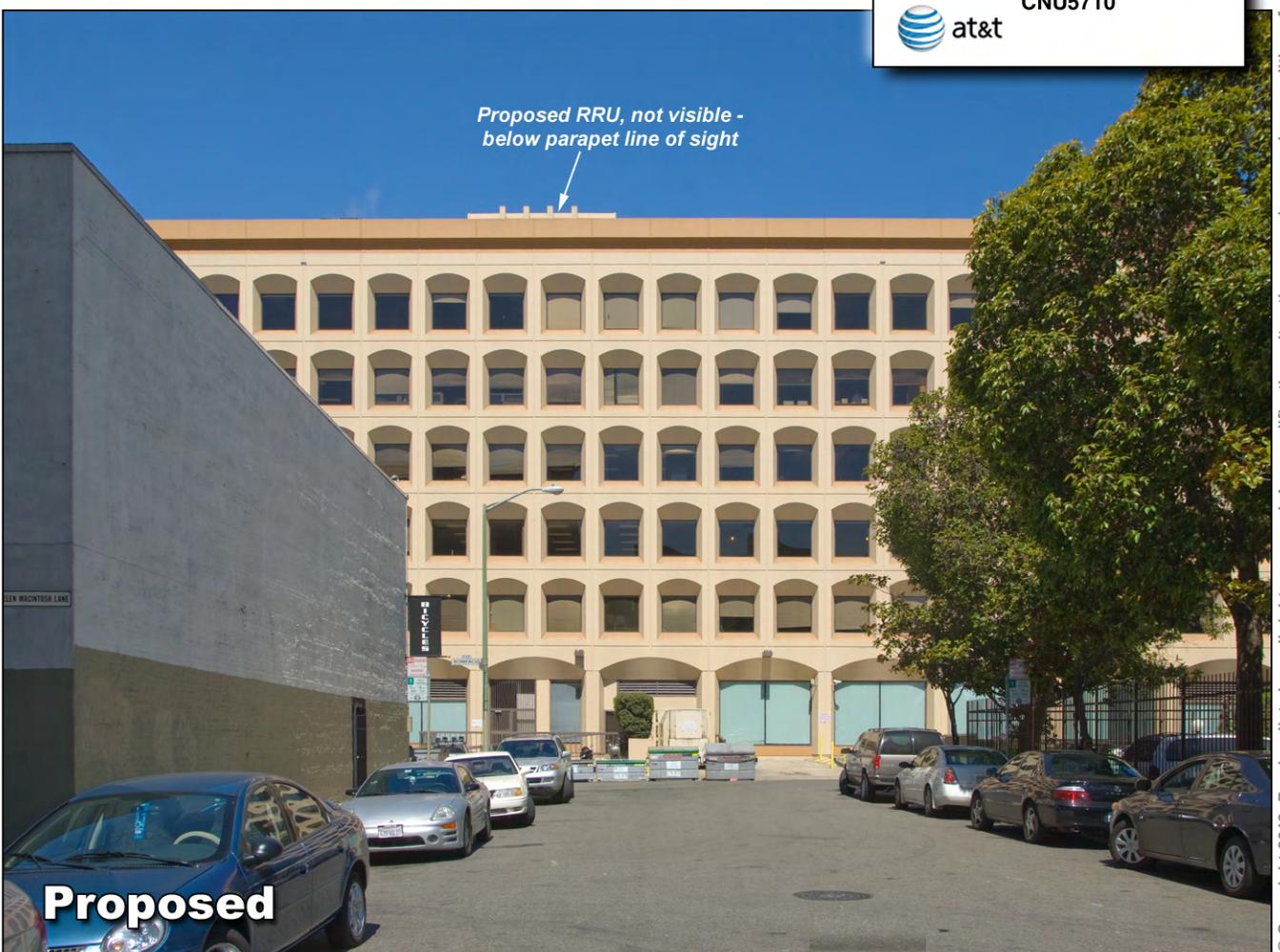
Proposed

Photosimulation of view looking northwest from Tandang Sora Street, the alleyway behind the building.



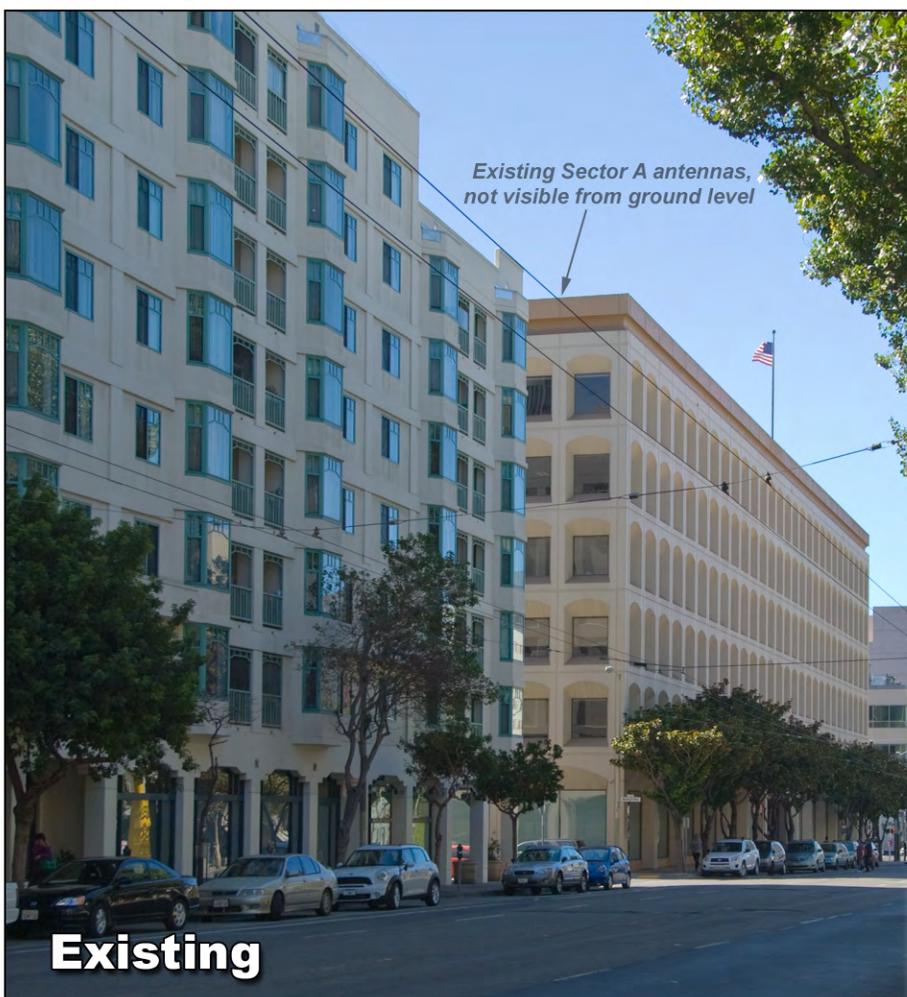
Existing

4th & Howard
 795 Folsom St
 San Francisco, CA 94107
 CNU5710

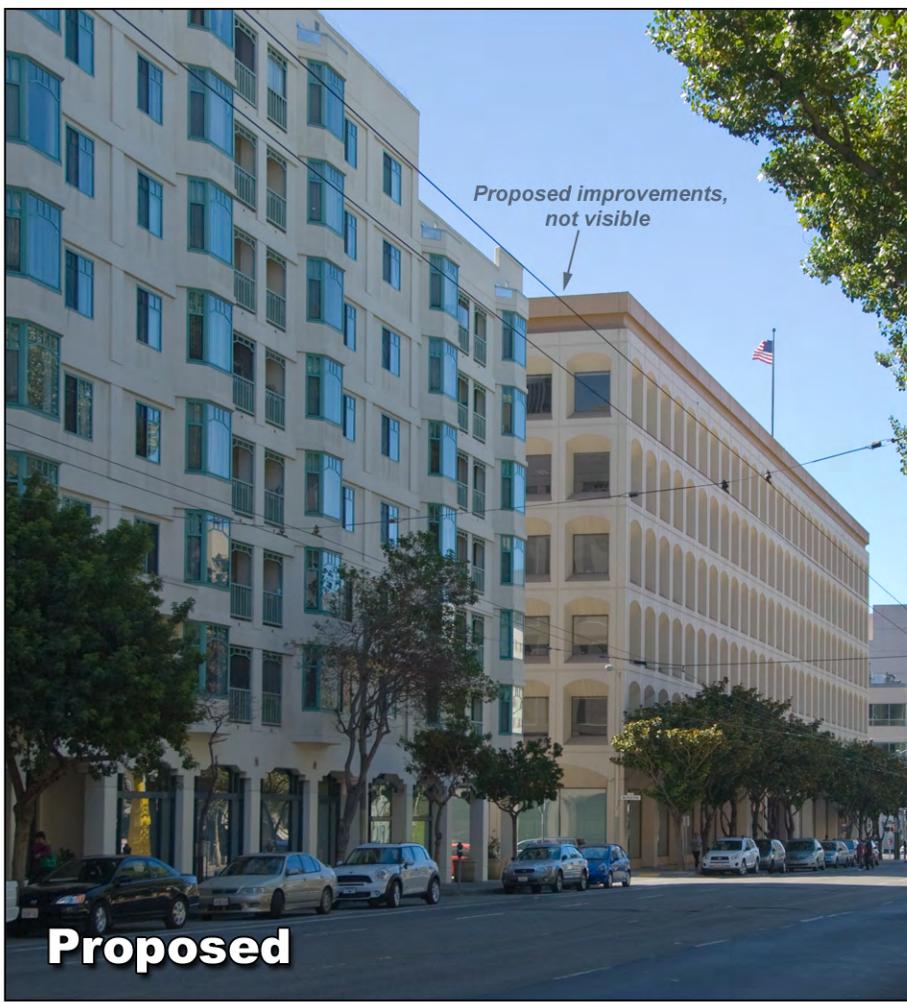
Proposed

Photosimulation of view looking southwest along Folsom Street, just west of 3rd Street.



Existing

4th & Howard
 795 Folsom St
 San Francisco, CA 94107
 CNU5710

Proposed

**AT&T Mobility • Base Station No. CNU5710
795 Folsom 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 proposed modifications to its existing base station (Site No. CNU5710) located at 795 Folsom 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	2.40	0.48
[most restrictive frequency range]	30–300	1.00	0.20

The site was visited by Mr. Dhruva Dandekar, a qualified engineer employed by Hammett & Edison, Inc., during normal business hours on January 26, 2012, a non-holiday weekday, and reference has been made to information provided by AT&T, including construction drawings by Streamline Engineering and Design, Inc., dated August 1, 2012.

Checklist

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

AT&T had installed twelve Andrew Model DBXNH-6565A-R2M directional panel antennas in groups of four on the sides of the mechanical equipment penthouse above the roof of the six-story commercial building located at 795 Folsom Street. There were observed no other wireless base stations installed at the site. Existing RF levels for a person at ground near the site were less than 1% of the most restrictive public exposure limit. The measurement equipment used was a Wandel & Goltermann Type EMR-300 Radiation Meter with Type 18 Isotropic Electric Field Probe (Serial No. C-0010). The meter and probe were under current calibration by the manufacturer.

**AT&T Mobility • Base Station No. CNU5710
795 Folsom Street • San Francisco, California**

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 four Powerwave Model P45-16-XLH-RR directional panel antennas in a group on the southwest face of the mechanical equipment penthouse, oriented toward 230°T. The antennas in all four groups would be mounted with up to 8° downtilt at an effective height of about 90½ feet above ground, 13 feet above the roof; the three existing groups would remain oriented toward 50°T, 150°T, and 310°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.

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 6,670 watts, representing simultaneous operation at 4,200 watts for PCS, 1,690 watts for cellular, and 780 watts for 700 MHz service.

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

The drawings show the proposed antennas to be installed as described in Item 4 above. There were noted buildings of similar height located at least 110 feet from any of the 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 RF exposure level due to the proposed AT&T operation is calculated to be 0.0053 mW/cm², which is 0.97% of the applicable public exposure limit. Ambient RF levels at the site are therefore estimated to be below 2% of the limit. The three-dimensional perimeter of RF levels equal to the public exposure limit is calculated to extend up to 57 feet out from the antenna faces and to much lesser distances above, below, and to the sides; this does not reach the roof of the building or any publicly accessible areas.



**AT&T Mobility • Base Station No. CNU5710
795 Folsom Street • San Francisco, California**

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 19 feet directly in front of the antennas themselves, such as might occur during maintenance work above 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. Posting explanatory warning signs* at the roof access door 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.

10. Statement of authorship.

The undersigned author of this statement is a qualified Professional Engineer, holding California Registration Nos. E-13026 and M-20676, which expire on June 30, 2013. This work has been carried out under his direction, and all statements are true and correct of his own knowledge except, where noted, when data has been supplied by others, which data he believes to be correct.

Conclusion

Based on the information and analysis above, it is the undersigned's professional opinion that the proposed operation of the AT&T Mobility base station located at 795 Folsom Street in San Francisco, California, will comply with the prevailing standards for limiting public exposure to radio frequency energy and, therefore, will not for this reason cause a significant impact on the environment. The highest calculated level in publicly accessible areas is much less than the prevailing standards allow for exposures of unlimited duration. This finding is consistent with measurements of actual exposure conditions taken at other operating base stations. Posting explanatory signs is recommended to establish compliance with occupational exposure limitations.



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

August 30, 2012

* 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.



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: 795 Folsom St
Site ID: 1329 **SiteNo.:** CN5710

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: 12
- 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: 6670 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: 6670 watts.
- X 7. Preferred method of attachment of proposed antenna (roof, wall mounted, monopole) with plot or roof plan. Show directionality of antennas. Indicate height above roof level. Discuss nearby inhabited buildings (particularly in direction of antennas) (WTS-FSG, Section 10.4.1d)
- X 8. Report estimated ambient radio frequency fields for the proposed site (identify the three-dimensional perimeter where the FCC standards are exceeded.) (WTS-FSG, Section 10.5) State FCC standard utilized and power density exposure level (i.e. 1986 NCRP, 200 $\mu\text{w}/\text{cm}^2$)
 Maximum RF Exposure: 0.0053 mW/cm^2 Maximum RF Exposure Percent: 0.97
- 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 12 antennas operated by AT&T Wireless installed on the roof top of the building at 795 Folsom 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 90 feet above the ground. The estimated ambient RF field from the proposed AT&T Wireless transmitters at ground level is calculated to be 0.0053 mW/sq cm., which is 0.97 % 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 they are in operation.

 Not Approved, additional information required.

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

 1 Hours spent reviewing

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

Signed:



Dated: 10/19/2012

Patrick Fosdahl

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

Service Improvement Objective (CN5710)

795 Folsom Street

The green shaded area shows the general area for wireless service improvements addressed by this application.



In order to achieve the service goals as defined, AT&T Mobility network engineers determined that a modification would be required at the circled site.

- ▲ Existing Macro Sites
- ⊕ Existing Micro Sites
- ▲ Proposed Modification Location

August 30, 2012

Exhibit 2 - Proposed Site at 795 Folsom St (CN5710)

Service Area BEFORE modification is constructed

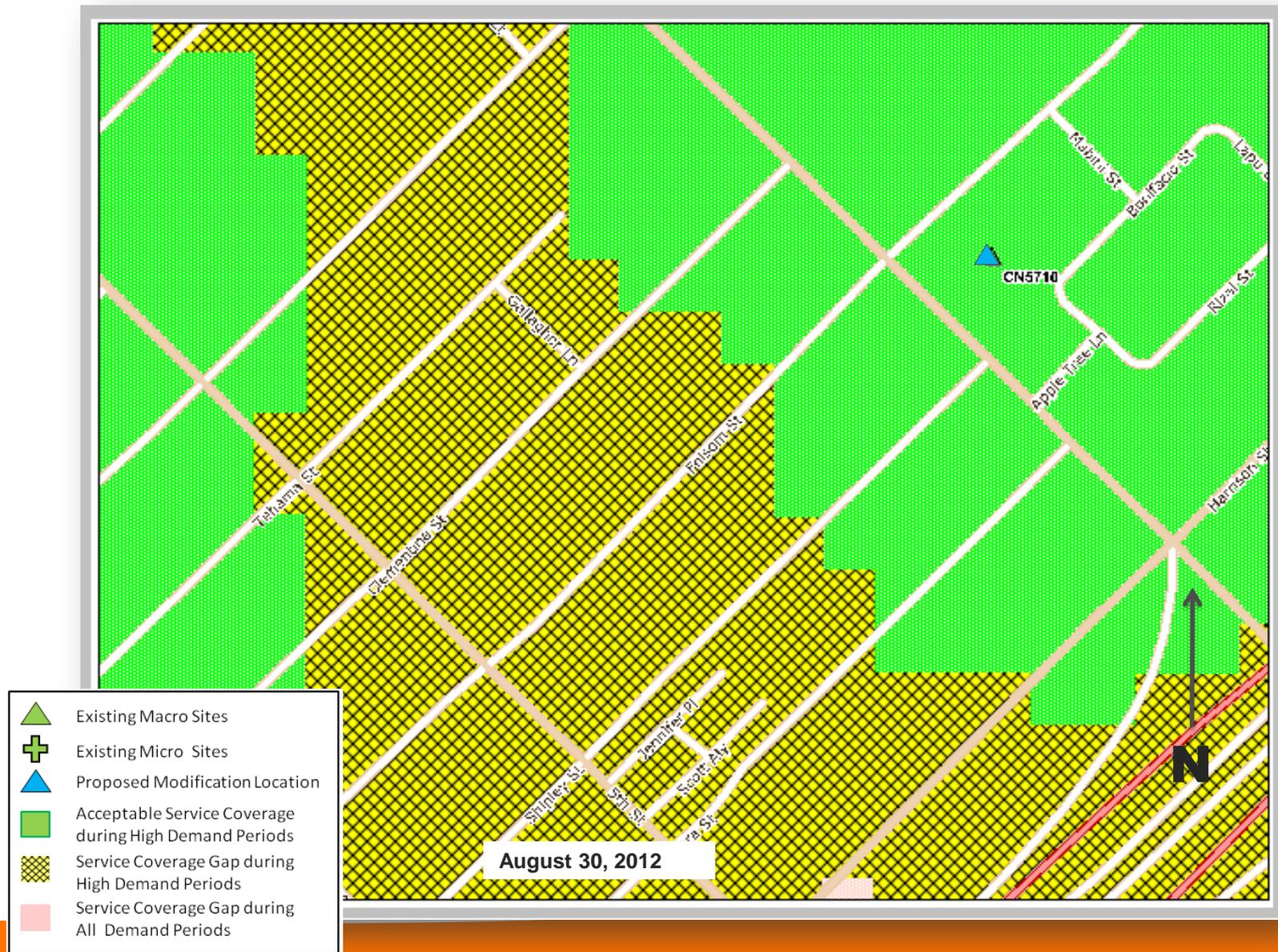
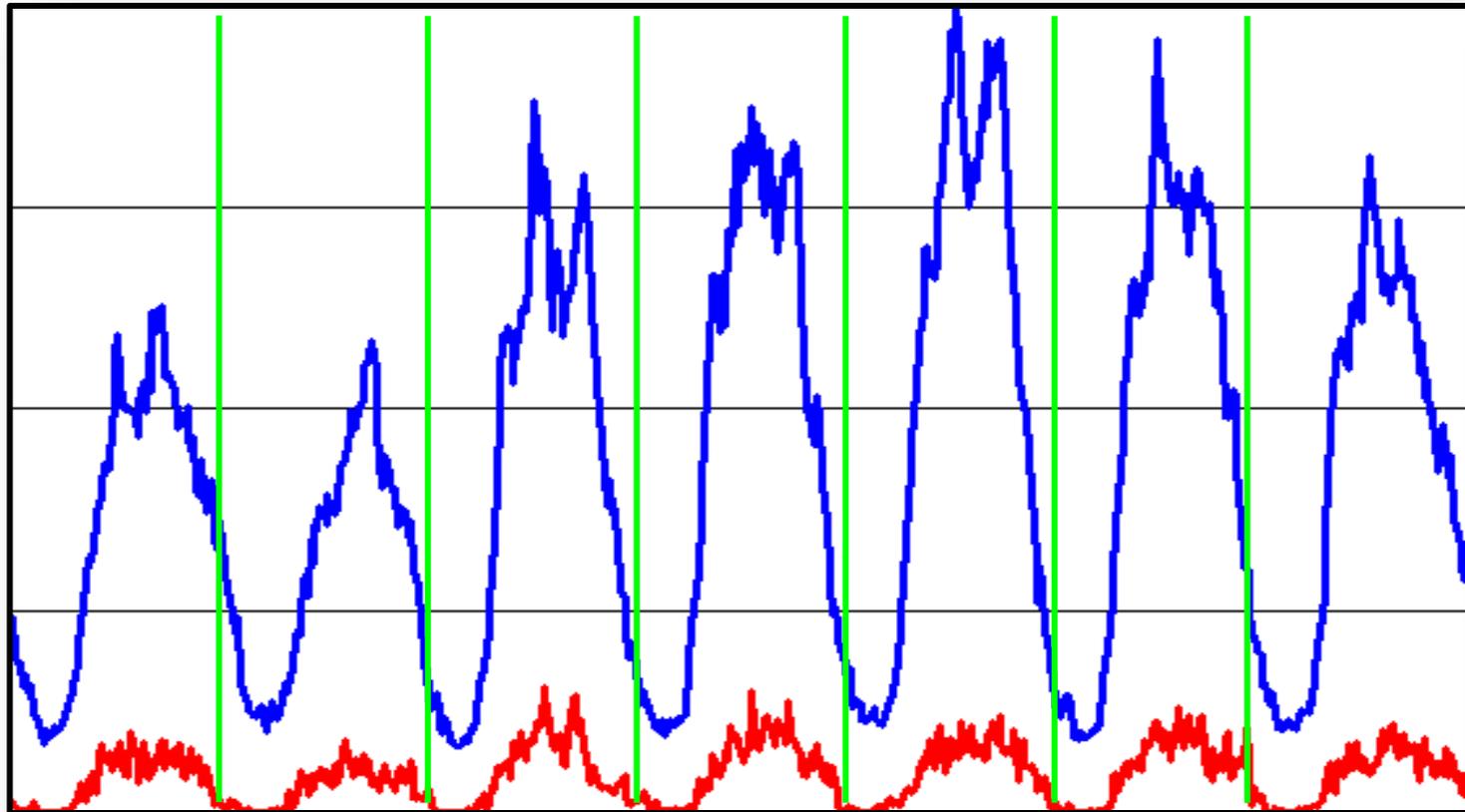


Exhibit 3 - Current 7-Day Traffic Profile for the Location of CN5710

— Data Traffic
— Voice Traffic



Monday

Sunday

Exhibit 3 - Current 24-Hour Traffic Profile for the Location of CN5710

— Data Traffic
— Voice Traffic

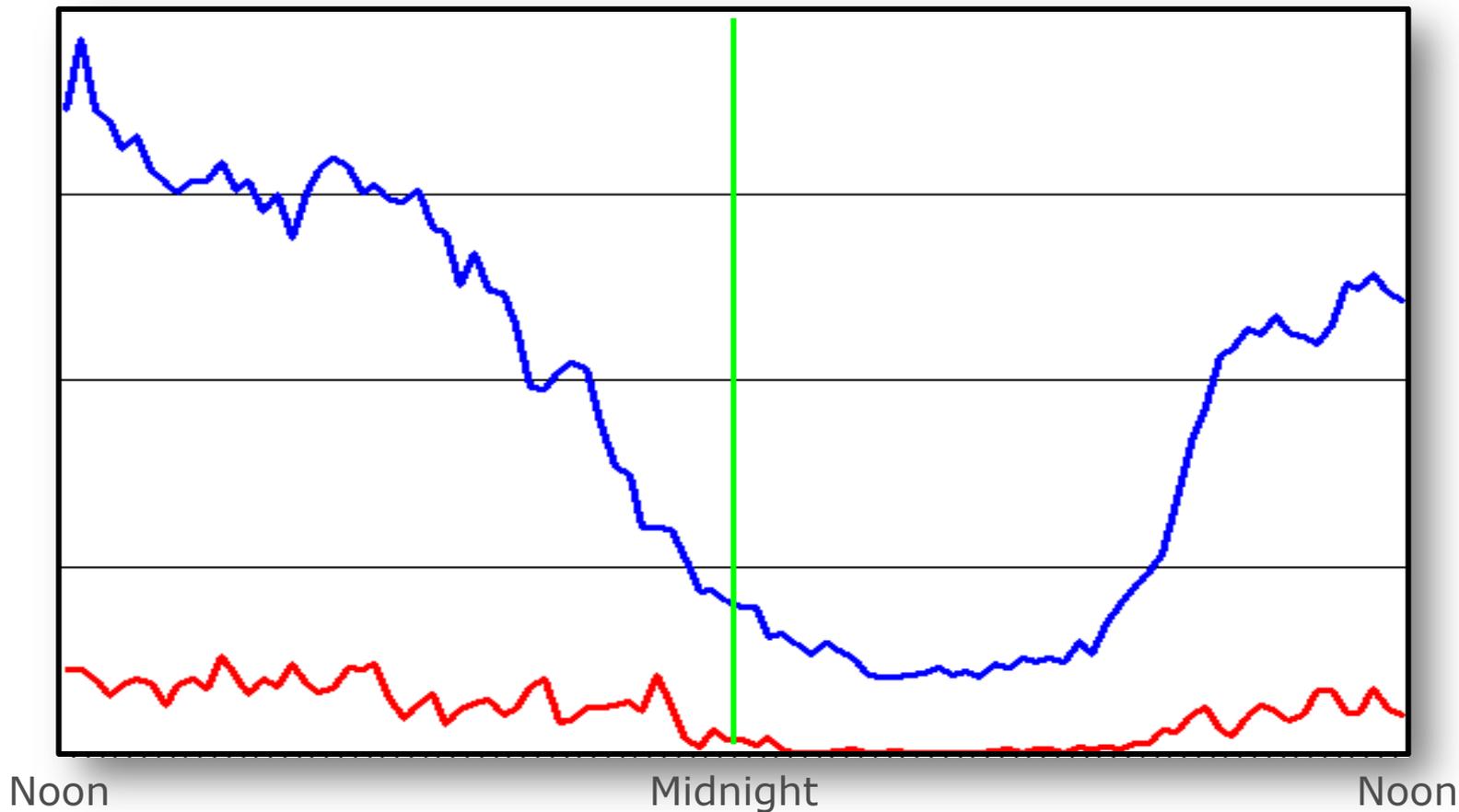
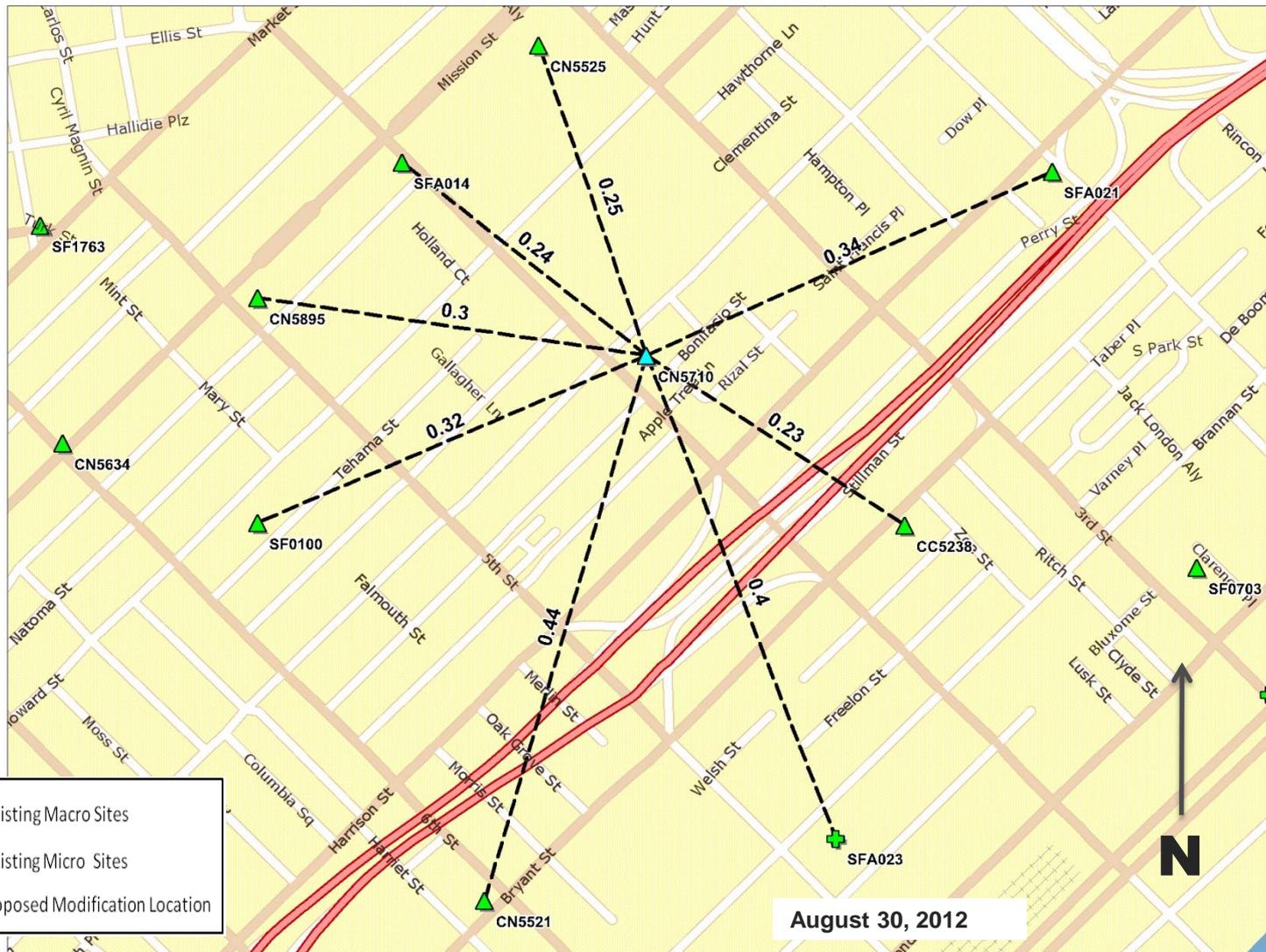


Exhibit 4 - Proposed Site at 795 Folsom St (CN5710)

Service Area AFTER modification is constructed



Existing Surrounding Sites at 795 Folsom St CN5710





HAMMETT & EDISON, INC.
 CONSULTING ENGINEERS
 BROADCAST & WIRELESS

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

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

BY E-MAIL DM1438@ATT.COM

October 15, 2012

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

Dear Debra:

As you requested, we have conducted the review required by the City of San Francisco of the coverage maps that AT&T Mobility will submit as part of its application package for proposed modifications to its existing base station located at 795 Folsom Street (Site No. CN5710). 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 had installed twelve Andrew Model DBXNH-6565A-R2M directional panel antennas in groups of four on the sides of the mechanical equipment penthouse above the roof of the six-story commercial building located at 795 Folsom Street. AT&T proposes to install four Powerwave Model P45-16-XLH-RR directional panel antennas in a group on the southwest face of the mechanical equipment penthouse, oriented toward 230°T. The antennas in all four groups would be mounted with up to 8° downtilt at an effective height of about 90½ feet above ground, 13 feet above the roof; the three existing groups would remain oriented toward 50°T, 150°T, and 310°T. The maximum effective radiated power proposed by AT&T in any direction is 6,670 watts, representing simultaneous operation at 4,200 watts for PCS, 1,690 watts for cellular, and 780 watts for 700 MHz service.

AT&T provided for review two coverage maps, dated August 30, 2012, showing AT&T's cellular UMTS (850 MHz) coverage in the area before and after the proposed modifications. Both the before and after 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 |

Ms. Debra Mulgannon, page 2
October 15, 2012

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

As a second step, we conducted our own drive test to measure the actual AT&T UMTS signal strength in the vicinity of the proposed site. Our fieldwork was conducted on October 5, 2012, between 2:50 PM and 4:15 PM, during peak times (noon to 6:30 PM) for data and voice traffic shown in the 24-hour traffic profile provided by AT&T for this site.

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

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

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

Sincerely yours,

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

William F. Hammett, P.E.

lc



AT&T Mobility
430 Bush St. 5th Floor
San Francisco, CA 94108

February 8, 2013

Michelle Stahlhut, Planner
San Francisco Department of Planning
1650 Mission Street, Suite 400
San Francisco, CA 94103

Re: Community Meeting for proposed AT&T Mobility facility at 795 Folsom Street

Dear Michelle,

On February 8, 2013, AT&T Mobility conducted a community meeting regarding the proposed modification to the wireless facility at 795 Folsom Street. The attached notification announced the community meeting was to be held at the 657 Mission Street, Suite #200, at 6:00 pm. Notice of the community meeting was mailed to 2,513 building owners and tenants within 500 feet of the proposed installation and to 41 neighborhood organizations. A copy of the notice was displayed outside the meeting location prior to the meeting.

I was present to conduct the meeting on behalf of AT&T Mobility as the project sponsor. Julian Chang with AT&T External Affairs was in attendance to explain the need for an AT&T upgrade. Dane Ericksen of Hammett and Edison, Inc. a third party independent licensed radio frequency engineer by the State of California was there to answer any questions regarding the radio frequency report for the proposed site. Luis Cuadra with Berg Davis Public Affairs was also in attendance. No community members attended the meeting. I received phone calls from two neighbors prior to the meeting. One neighbor required a Russian translator and had questions about how to get internet in her home. The second neighbor had questions regarding the health impacts and requested information on the proposal, which I mailed to her.

Copies of the signed community meeting affidavit and meeting notice are attached. A sign-in sheet is not included as no community members attended the meeting.

Sincerely,

A handwritten signature in blue ink, appearing to read "Eric Lentz".

Eric Lentz, Land Use Consultant
Permit Me, Inc.
For AT&T Mobility
Cell: 805-895-4394
Email: ericlentz@permitme.net



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

I, Eric Lentz, do hereby declare as follows:
(print name)

1. I have conducted a **Community Outreach Meeting** for the proposed new construction or alteration prior to submitting a building permit in accordance with Planning Commission Pre-Application Policy.

2. The meeting was conducted at EEFG, Inc. 657 Mission Street, Suite #200
(Meeting Location)

on February 7, 2013 from 6:00pm – 6:30pm.
(Date) (Time)

3. I have included the **mailing list, meeting initiation, sign-in sheet, issue/response summary, 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, February 8, 2013 IN SAN FRANCISCO

Signature

Eric Lentz
Name (type or print)

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

795 Folsom Street
Project Address

NOTICE OF COMMUNITY OUTREACH MEETING ON A PROPOSED MODIFICATION TO AN EXISTING WIRELESS COMMUNICATION FACILITY IN YOUR NEIGHBORHOOD

To: Neighborhood Groups and Neighbors & Owners within 500' radius of 795 Folsom Street

Meeting Information

Date: Thursday February 7, 2013
Time: 6:00 p.m.
Where: EEFG, Inc
657 Mission Street, Suite 200
San Francisco, CA 94105

Site Information

Address: 795 Folsom Street
Block/Lot: 3751/155
Zoning: MUR

Applicant

AT&T Mobility

Contact Information

AT&T Mobility Hotline
(415) 646-0972

AT&T Mobility is proposing to modify an existing wireless communication facility at 795 Folsom Street needed by AT&T Mobility as part of its San Francisco wireless network. The existing AT&T Mobility site is an unmanned facility consisting of twelve (12) panel antennas on the roof top. AT&T proposes to modify the existing site by adding four (4) new antennas on the west side of a penthouse on the roof top. Plans and photo simulations will be available for your review at the meeting. You are invited to attend an informational community meeting located at 657 Mission Street on Thursday, February 7, 2013, at 6:00 p.m. to learn more about the project.

If you have any questions regarding the proposal and are unable to attend the meeting, please contact the AT&T Mobility Hotline at (415) 646-0972 and an AT&T Mobility specialist will return your call. Please contact Michelle Stahlhut, staff planner with the City of San Francisco Planning Department at (415) 575-9116 if you have any questions regarding the planning process.

NOTE: If you require an interpreter to be present at the meeting, please contact our office at (415) 646-0972 no later than 5:00pm on Monday, February 4, 2013 and we will make every effort to provide you with an interpreter.

AVISO DE ENLACE COMUNITARIO SOBRE PROPUESTA DE MODIFICACIÓN A UNA INSTALACIÓN EXISTENTE DE COMUNICACIONES INALÁMBRICAS EN SU VECINDARIO

A: Grupos del vecindario y a vecinos y propietarios dentro de un radio de 500 pies del 795 Folsom Street

Información sobre la reunión

Fecha: Jueves 7 de febrero de 2013
Hora: 6:00 p.m.
Dónde: EEFG, Inc
657 Mission Street, Suite 200
San Francisco, CA 94105

Información sobre el sitio

Dirección: 795 Folsom Street
Manzana/Lote: 3751/155
Zonificación: MUR

Solicitante

AT&T Mobility

Información de contacto

AT&T Mobility Hotline
(415) 646-0972

AT&T Mobility ha propuesto modificar una instalación existente de comunicaciones inalámbricas en el 795 Folsom Street que AT&T Mobility necesita como parte de su red inalámbrica de San Francisco. El sitio actual de AT&T Mobility es una instalación funciona automáticamente sin necesidad de la presencia de personal que se compone de doce (12) antenas de panel en el techo. AT&T propone modificar el sitio actual añadiendo cuatro (4) nuevas antenas en el lado oeste de un *penthouse* en el techo. En la reunión habrá simulaciones de fotos y planos para que usted los pueda revisar. Los invitamos a asistir a una reunión comunitaria informativa en el 657 Mission Street el jueves 7 de febrero de 2013 a las 6:00 p.m. para enterarse de más detalles acerca del proyecto.

Si tiene alguna pregunta con respecto a la propuesta y no puede asistir a la reunión, por favor comuníquese con la AT&T Mobility Hotline llamando al (415) 646-0972 y un especialista de AT&T Mobility le devolverá la llamada. Comuníquese con Michelle Stahlhut, planificadora de personal administrativo del Departamento de Planificación de la Ciudad de San Francisco llamando al (415) 575-9116 si tiene alguna pregunta con respecto al proceso de planificación.

NOTA: Si necesita que un intérprete esté presente en la reunión, por favor comuníquese con nuestra oficina llamando al (415) 646-0972 a más tardar a las 5:00 pm el febrero 04, 2013, y haremos todo lo posible por proporcionarle un intérprete.

有關社區內一項改裝現有無線電通訊設施建議的社區會議通知

致：Folsom 街 795 號周圍五百英尺內的社區組織、居民和業主

會議詳情

日期：2013 年 2 月 7 日 (星期四)
時間：下午 6:00
地點：EEFG, Inc
657 Mission Street, Suite 200
San Francisco, CA 94105

設施地點資料

地址：795 Folsom Street
街段/地段：3751/155
劃區：MUR

申請公司

AT&T Mobility

聯絡人資料

AT&T Mobility Hotline
(415) 646-0972

AT&T Mobility 建議改裝現位於 Folsom 街 795 號的無線電通訊設施，作為其三藩市無線電網絡的一部份。該現有 AT&T Mobility 設施地點位於屋頂，無需人手操作，包括十二 (12) 條天線。AT&T 建議改裝該現有設施，在屋頂閣樓西面增加四 (4) 條新天線。社區會議上將有設計圖及模擬照片供與會者參考。我們誠意邀請您出席將於 2013 年 2 月 7 日星期四下午 6:00 在 Mission 街 657 號舉行的社區諮詢會議，進一步了解本計劃。

若對上述建議有任何疑問，但無法出席社區會議，請致電 AT&T Mobility 熱線 (415) 646-0972，將有專人回覆來電；若對規劃程序有任何疑問，請致電 (415) 575-9116 與三藩市規劃部 (City of San Francisco Planning Department) 規劃專員 Michelle Stahlhut 聯絡。

註：如需翻譯人員在會上提供協助，請於 2013 年 2 月 4 日星期一下午 5:00 前致電 (415) 646-0972 與本辦事處聯絡，我們會盡力為您安排翻譯服務。



at&t

4TH & HOWARD
795 FOLSOM ST
SAN FRANCISCO, CA 94107
CNU5710

4TH & HOWARD

CNU5710
 795 FOLSOM ST
 SAN FRANCISCO, CA 94107

ISSUE STATUS

Δ	DATE	DESCRIPTION	BY
	08/28/12	ZD 90%	K.P.
	09/04/12	ZD 100%	K.S.
	-	-	-
	-	-	-
	-	-	-
	-	-	-

DRAWN BY: K. PURDY
 CHECKED BY: C. MATHISEN
 APPROVED BY: -
 DATE: 09/04/12

Streamline Engineering
and Design, Inc.
 8445 Sierra College Blvd, Suite E, Granite Bay, CA 95746
 Contact: Larry Houghtby Phone: 916-275-4180
 E-Mail: larry@streamlineeng.com Fax: 916-660-1941
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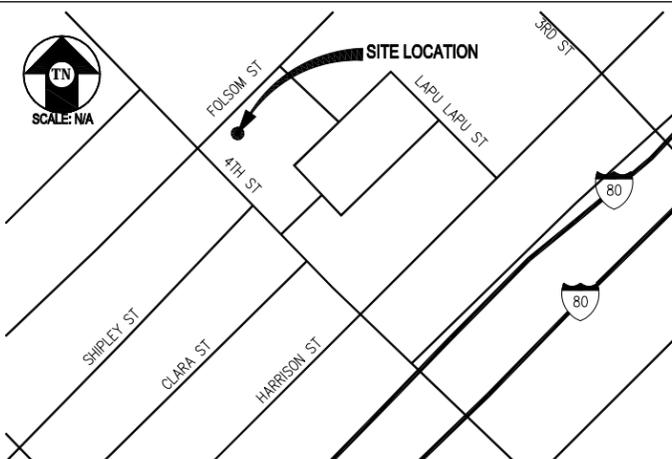
PROJECT DESCRIPTION

A (E) UNMANNED TELECOMMUNICATION FACILITY CONSISTING OF ADDING (3) (P) 6601 RBS UNITS INSIDE OF AN (E) SUNWEST CABINET. ALSO ADDING (4) (P) AT&T ANTENNAS, (8) (P) RRUW'S, (2) (P) RRU'S-11'S, & A (P) SURGE SUPPRESSOR.

PROJECT INFORMATION

SITE NAME:	4TH & HOWARD	SITE #:	CNU5710
COUNTY:	SAN FRANCISCO	JURISDICTION:	CITY OF SAN FRANCISCO
APN:	3751-155	POWER:	PG&E
SITE ADDRESS:	795 FOLSOM ST SAN FRANCISCO, CA 94107	TELEPHONE:	AT&T
CURRENT ZONING:	MUR		
CONSTRUCTION TYPE:	II-B, NO SPRINKLERS		
OCCUPANCY TYPE:	U, UNMANNED TELECOMMUNICATION FACILITY		
HEIGHT / BULK:	85-X		
PROPERTY OWNER:	VICTORIA BURKHEIMER VICE PRESIDENT ACQUISITIONS PROPERTIES, LLC 2658 BRIDGEWAY, SUITE 100 SAUSALITO, CA 94965 (415) 331-5900 EXT 203		
APPLICANT:	AT&T 430 BUSH ST, 5TH FLOOR SAN FRANCISCO, CA 94108		
LEASING CONTACT:	ATTN: JAMES COSGROVE (415) 233-3838		
ZONING CONTACT:	ATTN: ERIC LENTZ (805) 895-4394		
CONSTRUCTION CONTACT:	ATTN: COREY VANDE VOORT (707) 514-5444		
LATITUDE:	N 37° 46' 55.81" NAD 83		
LONGITUDE:	W 122° 24' 01.79" NAD 83		
AMSL:	± 16.7'		

VICINITY MAP



DRIVING DIRECTIONS

FROM: 430 BUSH ST 5TH FLOOR, SAN FRANCISCO, CA 94107
 TO: 795 FOLSOM ST, SAN FRANCISCO, CA 94107

1. HEAD EAST ON BUSH ST TOWARD CLAUDE LN 0.1 MI
2. TAKE THE 3RD RIGHT ONTO MONTGOMERY ST 0.2 MI
3. SLIGHT LEFT ONTO NEW MONTGOMERY ST 0.2 MI
4. TURN RIGHT ONTO HOWARD ST 0.3 MI
5. TURN LEFT ONTO 4TH ST 0.1 MI
6. TURN LEFT ONTO FOLSOM ST 141 FT

END AT: 795 FOLSOM ST, SAN FRANCISCO, CA 94107
 ESTIMATED TIME: 7 MINUTES ESTIMATED DISTANCE: 1.0 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

HANDICAP REQUIREMENTS

THIS FACILITY IS UNMANNED & NOT FOR HUMAN HABITATION. HANDICAPPED ACCESS & REQUIREMENTS ARE NOT REQUIRED IN ACCORDANCE WITH CALIFORNIA STATE ADMINISTRATIVE CODE, TITLE 24 PART 2, SECTION 1105B.3.4.2, EXCEPTION 1

SHEET INDEX

SHEET	DESCRIPTION	REV
T-1	TITLE	-
A-1	SITE PLAN	-
A-2	EQUIPMENT PLAN & ANTENNA PLANS	-
A-3	ELEVATION	-
A-4	ELEVATION	-
A-5	DETAILS	-

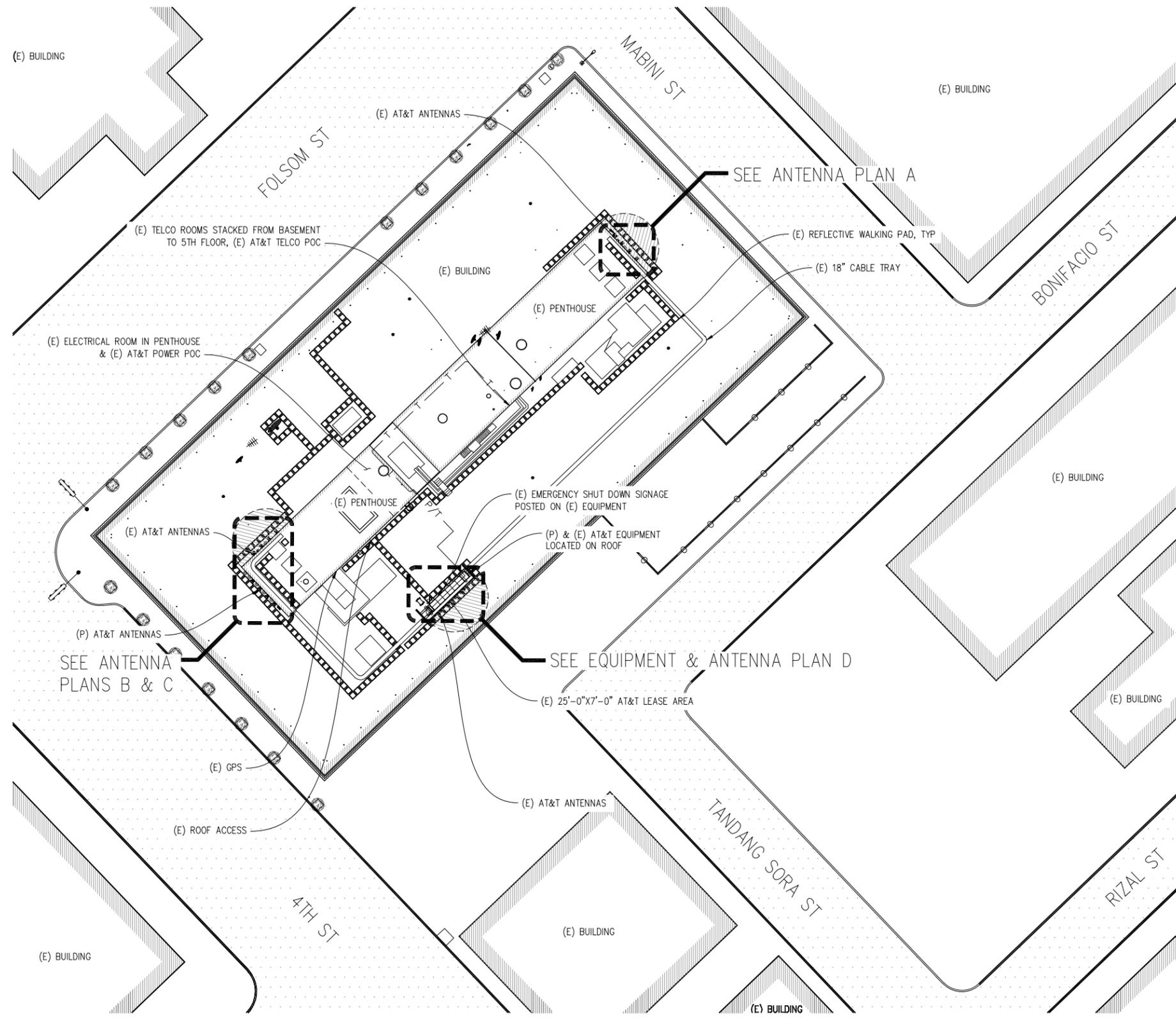
APPROVAL

RF
LEASING
ZONING
CONSTRUCTION
AT&T

at&t

 430 BUSH ST, 5TH FLOOR
 SAN FRANCISCO, CA 94108

SHEET TITLE:
 TITLE
SHEET NUMBER:
 T-1





SITE PLAN
 1"=20'-0"


**4TH
&
HOWARD**
 CNU5710
 795 FOLSOM ST
 SAN FRANCISCO, CA 94107

ISSUE STATUS

△	DATE	DESCRIPTION	BY
	08/28/12	ZD 90%	K.P.
	09/04/12	ZD 100%	K.S.
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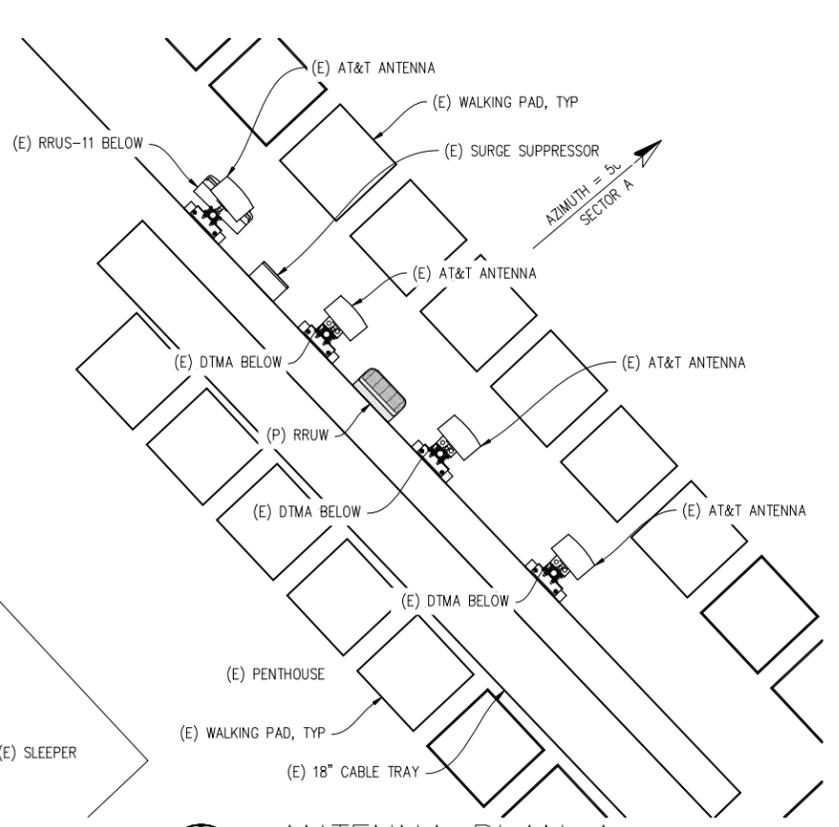
DRAWN BY: K. PURDY
 CHECKED BY: C. MATHISEN
 APPROVED BY: -
 DATE: 09/04/12


**Streamline Engineering
and Design, Inc.**
 8445 Sierra College Blvd, Suite E, Granite Bay, CA 95746
 Contact: Larry Houghtby Phone: 916-275-4180
 E-Mail: larry@streamlineeng.com Fax: 916-660-1941
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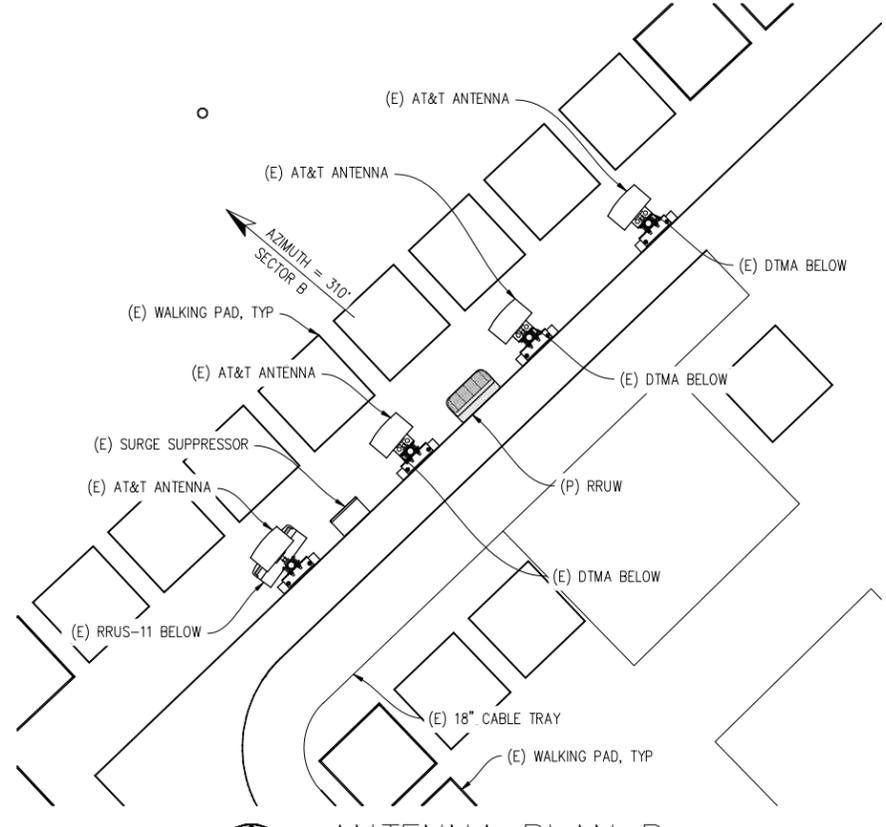

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 SAN FRANCISCO, CA 94108

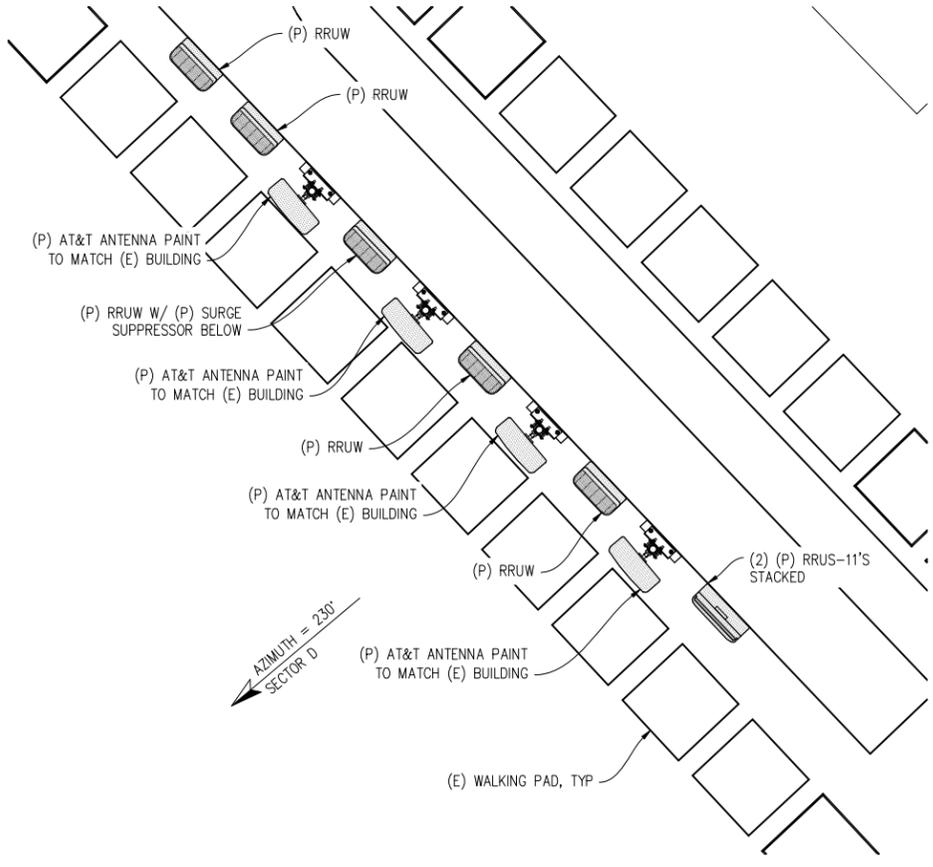
SHEET TITLE:
 SITE PLAN
SHEET NUMBER:
 A-1



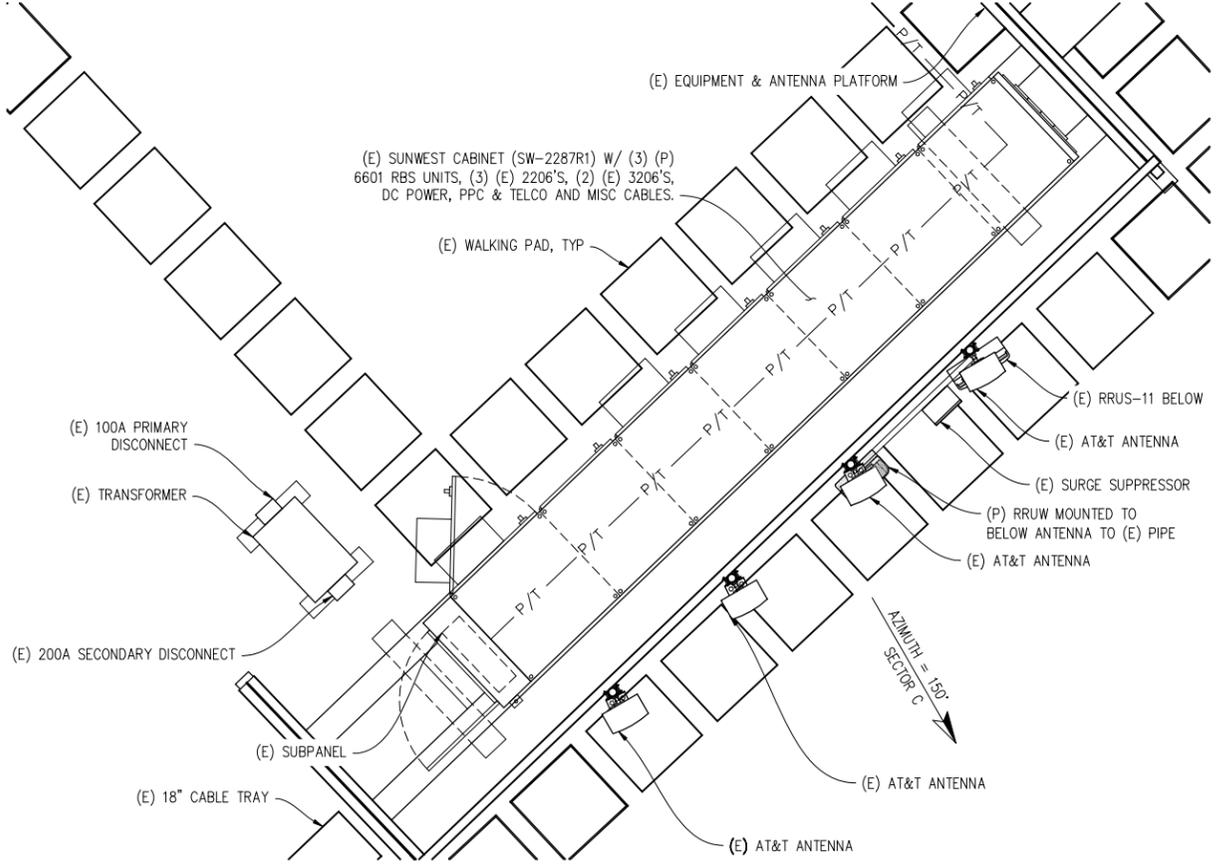
ANTENNA PLAN A
 $\frac{1}{2}''=1'-0''$



ANTENNA PLAN B
 $\frac{1}{2}''=1'-0''$



ANTENNA PLAN C
 $\frac{1}{2}''=1'-0''$



EQUIPMENT & ANTENNA PLAN D
 $\frac{1}{2}''=1'-0''$
 NOTE: (P) 6601 RBS UNITS TO CONNECT TO (E) DC POWER

4TH & HOWARD
 CNU5710
 795 FOLSOM ST
 SAN FRANCISCO, CA 94107

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 490 BUSH ST, 5TH FLOOR
 SAN FRANCISCO, CA 94108

SHEET TITLE:
 EQUIPMENT PLAN & ANTENNA PLANS
SHEET NUMBER:
 A-2

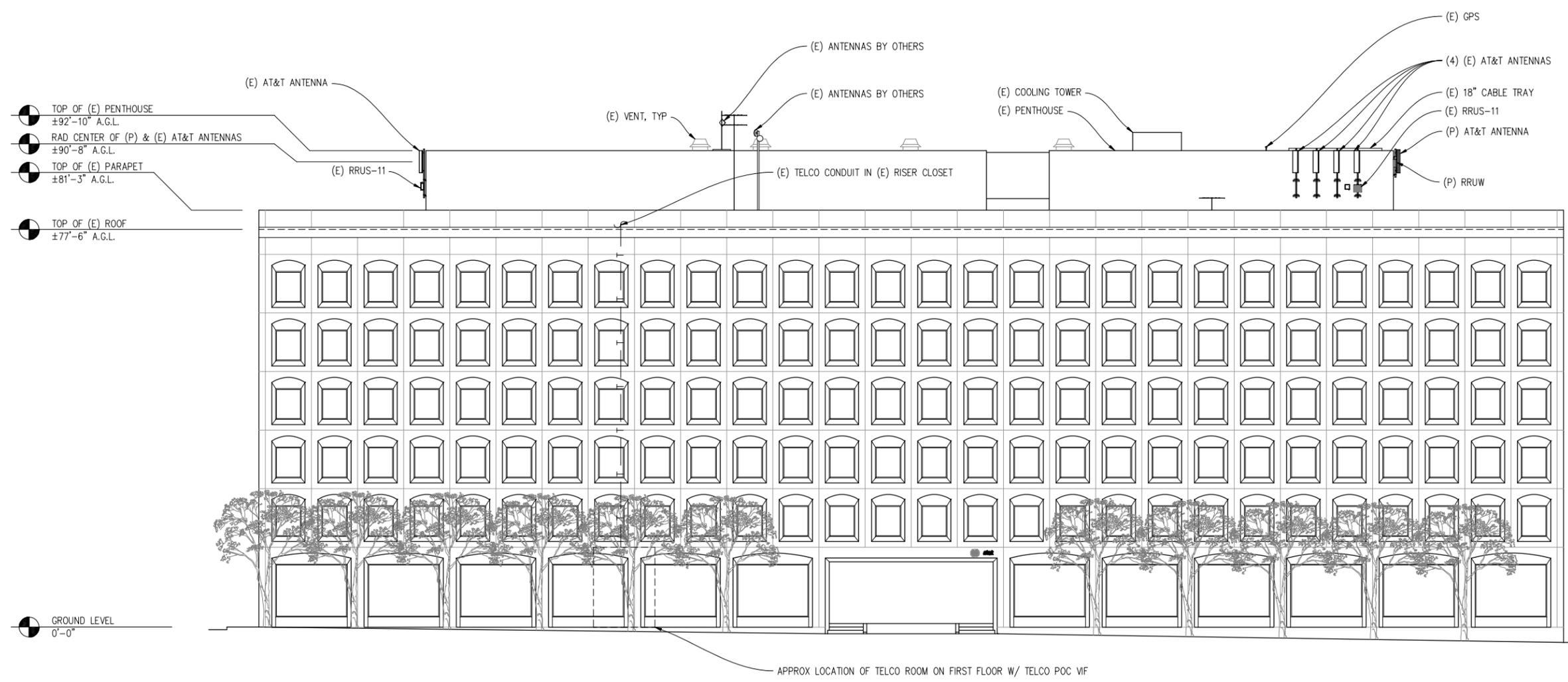
4TH & HOWARD

CNU5710
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SAN FRANCISCO, CA 94107

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	-	-	-
	-	-	-

DRAWN BY: K. PURDY
CHECKED BY: C. MATHISEN
APPROVED BY: -
DATE: 09/04/12



NORTHWEST ELEVATION

3/32"=1'-0"
NOTE: (P) ANTENNAS PAINT TO MATCH (E) BUILDING

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SAN FRANCISCO, CA 94108

SHEET TITLE:
ELEVATION

SHEET NUMBER:
A-3

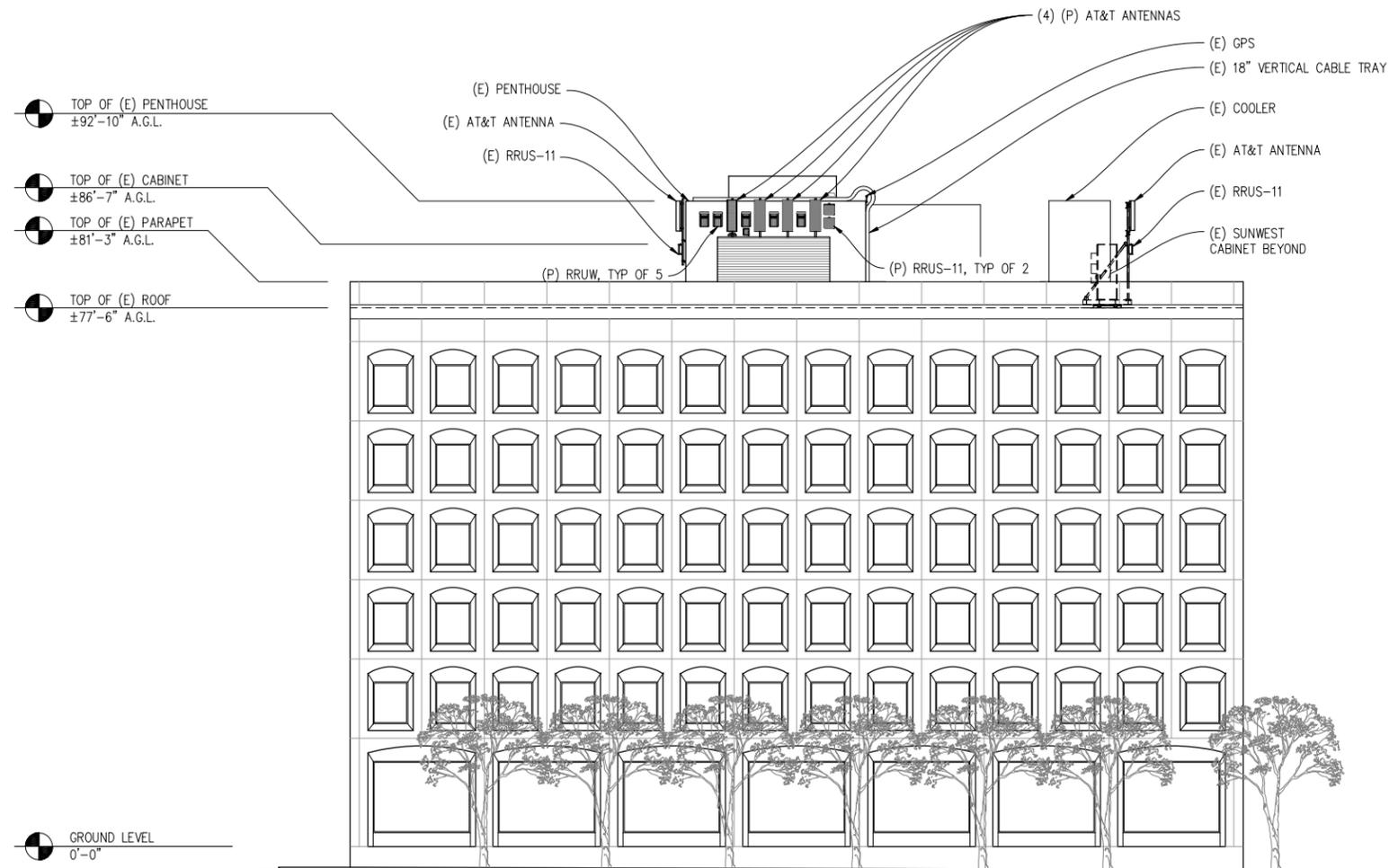
4TH & HOWARD

CNU5710
795 FOLSOM ST
SAN FRANCISCO, CA 94107

ISSUE STATUS

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	08/28/12	ZD 90%	K.P.
	09/04/12	ZD 100%	K.S.
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	-	-	-
	-	-	-

DRAWN BY: K. PURDY
CHECKED BY: C. MATHISEN
APPROVED BY: -
DATE: 09/04/12



SOUTHWEST ELEVATION

3/8"=1'-0"
NOTE: (P) ANTENNAS PAINT TO MATCH (E) BUILDING

Streamline Engineering and Design, Inc.
8445 Sierra College Blvd, Suite E, Granite Bay, CA 95746
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E-Mail: larry@streamlineeng.com Fax: 916-660-1941

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430 BUSH ST, 5TH FLOOR
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SHEET TITLE:

ELEVATION

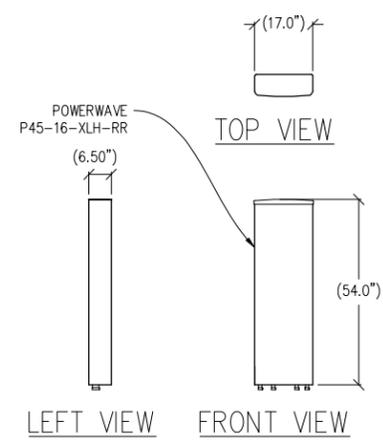
SHEET NUMBER:

A-4

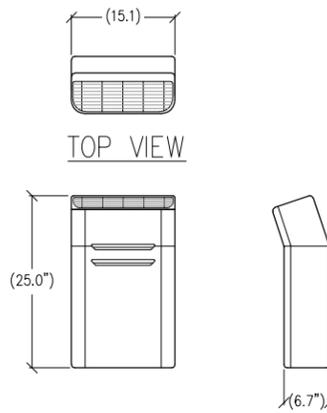
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	-	-	-
	-	-	-

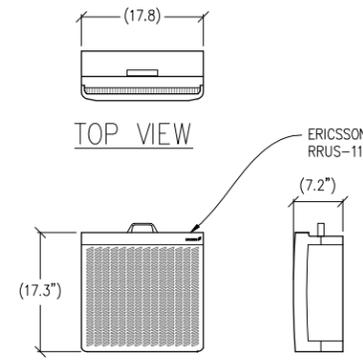
DRAWN BY: K. PURDY
 CHECKED BY: C. MATHISEN
 APPROVED BY: -
 DATE: 09/04/12



① ANTENNA DETAIL
1/2"=1'-0"



② RRW-01 DETAIL
1"=1'-0" WEIGHT = 55LBS
ERICSSON RRW-01



③ RRUS-11 DETAIL
1"=1'-0" WEIGHT = 50LBS

Streamline Engineering
and Design, Inc.

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 Contact: Larry Houghtby Phone: 916-275-4180
 E-Mail: larry@streamlineeng.com Fax: 916-660-1941

THIS PLAN AND SPECIFICATION AS INSTRUMENTS OF SERVICE ARE AND SHALL REMAIN THE PROPERTY OF STREAMLINE ENGINEERING AND DESIGNING. WHETHER THE PRODUCTS FOR WHICH THEY ARE MADE ARE EXECUTED OR NOT, THESE INSTRUMENTS OF SERVICE SHALL REMAIN THE PROPERTY OF STREAMLINE ENGINEERING AND DESIGNING. ALL RIGHTS RESERVED.

at&t

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SAN FRANCISCO, CA 94108

SHEET TITLE:
DETAILS
 SHEET NUMBER:
A-5