



SAN FRANCISCO PLANNING DEPARTMENT

Executive Summary Conditional Use Authorization

HEARING DATE: JUNE 23, 2011

Date: June 16, 2011
Case No.: 2011.0008C
Project Address: 450 Harrison Street
Current Zoning: RH-DTR (Rincon Hill Downtown Residential Mixed Use) District
85/400-R Height and Bulk District
Block/Lot: 3748/031
Project Sponsor: Amy Million for AT&T
855 Folsom Street, Suite 106
San Francisco, CA 94107
Staff Contact: Erika S. Jackson – (415) 558-6363
erika.jackson@sfgov.org
Recommendation: **Approval with Conditions**

1650 Mission St.
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415.558.6377

PROJECT DESCRIPTION

The proposal is to install a wireless telecommunications facility consisting of nine new “dual band” antennas and five new equipment cabinets on the rooftop of the existing six-story “Sailor’s Union” building which is approximately 75 feet tall. The proposal is part of a wireless transmission network operated by AT&T on a Location Preference 2 (Preferred Location – Co-Location Site) according to the Wireless Telecommunications Services (WTS) Siting Guidelines. Each antenna measures 51.5” high by 7.1” deep by 11.9” wide. The antennas would be mounted on two different locations: 1) six antennas on the lower roof at a height of approximately 45” above grade and setback 4” from the façade, and 2) three antennas directly on the rear façade of the building at a height of approximately 42” above grade. Equipment cabinets would be located within a shed on the lower roof.

SITE DESCRIPTION AND PRESENT USE

The six-story building, known as the Sailor’s Union Building, was built in 1949 as a club or lodge. The building is located on the corner of Harrison Street and 1st Street, directly across from the I-80E freeway onramp. The building is a contributory building in the Rincon Hill Area Plan. The building was known historically as the Sailors’ Union of the Pacific and has a “4” AS rating, and has an “A” rating, (having contextual importance) from San Francisco Architectural Heritage. The building is located in a RH-DTR (Rincon Hill Downtown Residential Mixed Use) Zoning District and a 85/400-R Height and Bulk District. The subject site is considered to be a co-location site because there are existing legal antennas on the site. These antennas are operated by MetroPCS, Sprint Nextel, T-Mobile, and Verizon Wireless.

SURROUNDING PROPERTIES AND NEIGHBORHOOD

The Project Site is located within the South of Market Neighborhood. The subject site is zoned RH-DTR, which is described in the Planning Code as designed to encourage high-density residential uses as well as supporting commercial and industrial uses. A pattern of high-rise residential, as well as mid-rise industrial and office buildings exists in the neighborhood. The overall density of dwelling units are high, and buildings are larger scaled. Immediately adjacent to the Project Site are the following uses: to the northwest is a twenty four-story residential building, to the northeast is a two-story industrial building, to the southeast is a four-story commercial building, to the south is the onramp for I-80 East, and to the southwest is a gas station.

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	June 3, 2011	June 3, 2011	20 days
Posted Notice	20 days	June 3, 2011	June 3, 2011	20 days
Mailed Notice	10 days	June 13, 2011	June 3, 2011	20 days

PUBLIC COMMENT

As of June 8, 2011, the Department has received one email in support of the proposed project.

REQUIRED COMMISSION ACTION

In order for the project to proceed, the Commission may grant the Conditional Use authorization pursuant to Planning Code Sections 827.31, 303, and 890.80 to allow the installation of wireless facilities.

BASIS FOR RECOMMENDATION

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

- The project complies with the applicable requirements of the Planning Code.
- The project is consistent with the objectives and policies of the General Plan.
- The Project is consistent with the 1996 WTS Facilities Siting Guidelines, Planning Commission Resolution No. 14182.
- The project site is a Location Preference 2, a preferred location, according to the Wireless Telecommunications Services (WTS) Siting Guidelines.
- The project will improve coverage for an area where there is currently poor cell phone coverage.

RECOMMENDATION: Approval with Conditions
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ATTACHMENTS

- | | |
|---|---|
| <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 checked="" type="checkbox"/> Parcel Map | <input checked="" type="checkbox"/> Photo Simulations |
| <input checked="" type="checkbox"/> Sanborn Map | <input checked="" type="checkbox"/> Coverage Maps |
| <input checked="" type="checkbox"/> Aerial Photo | <input checked="" type="checkbox"/> RF Report |
| <input checked="" type="checkbox"/> Context Photos | <input checked="" type="checkbox"/> DPH Approval |
| <input checked="" type="checkbox"/> Site Photos | <input checked="" type="checkbox"/> Neighbor Letter |

Exhibits above marked with an "X" are included in this packet.

_____ Planner's Initials

ESJ:G:\DOCUMENTS\Projects\CU\WTS\Harrison 450\Exec Sum.doc



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. XXXXX

HEARING DATE: JUNE 23, 2011

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Case No.: **2011.0008C**
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Staff Contact: Erika S. Jackson – (415) 558-6363
 erika.jackson@sfgov.org

ADOPTING FINDINGS RELATING TO THE APPROVAL OF A CONDITIONAL USE AUTHORIZATION UNDER PLANNING CODE SECTIONS 827.31, 303, AND 890.80 TO INSTALL A WIRELESS TELECOMMUNICATIONS FACILITY CONSISTING OF NINE NEW “DUAL BAND” ANTENNAS AND FIVE NEW EQUIPMENT CABINETS ON THE ROOFTOP OF THE EXISTING SIX-STORY “SAILOR’S UNION” BUILDING WHICH IS APPROXIMATELY 75 FEET TALL WITHIN A RH-DTR (RINCON HILL DOWNTOWN RESIDENTIAL MIXED USE) ZONING DISTRICT, AND A 85/400-R HEIGHT AND BULK DISTRICT.

PREAMBLE

On January 6, 2011, AT&T (hereinafter "Project Sponsor"), made an application (hereinafter "application"), for Conditional Use Authorization on the property at 450 Harrison Street, aka the Sailor’s Union Building, Lot 031 in Assessor's Block 3748, (hereinafter "Project Site") to install a wireless telecommunications facility consisting nine new “dual band” antennas and five new equipment cabinets on the rooftop of the existing six-story “Sailor’s Union” building as part of AT&T’s wireless telecommunications network within a RH-DTR (Rincon Hill Downtown Residential Mixed Use) Zoning District and a 85/400-R Height and Bulk District.

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

On June 23, 2011, the San Francisco 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. 2011.0008C, 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:

The above recitals are accurate and constitute findings of this Commission.

- 1. Site Description and Present Use.** The six-story building, known as the Sailor's Union Building, was built in 1949 as a club or lodge. The building is located on the corner of Harrison Street and 1st Street, directly across from the I-80E freeway onramp. The building is a contributory building in the Rincon Hill Area Plan. The building was known historically as the Sailors' Union of the Pacific and has a "4" AS rating, and has an "A" rating, (having contextual importance) from San Francisco Architectural Heritage. The building is located in a RH-DTR (Rincon Hill Downtown Residential Mixed Use) Zoning District and a 85/400-R Height and Bulk District. The subject site is considered to be a co-location site because there are existing legal antennas on the site. These antennas are operated by MetroPCS, Sprint Nextel, T-Mobile, and Verizon Wireless.
- 2. Surrounding Properties and Neighborhood.** The Project Site is located within the South of Market Neighborhood. The subject site is zoned RH-DTR, which is described in the Planning Code as designed to encourage high-density residential uses as well as supporting commercial and industrial uses. A pattern of high-rise residential, as well as mid-rise industrial and office buildings exists in the neighborhood. The overall density of dwelling units are high, and buildings are larger scaled. Immediately adjacent to the Project Site are the following uses: to the northwest is a twenty four-story residential building, to the northeast is a two-story industrial building, to the southeast is a four-story commercial building, to the south is the onramp for I-80 East, and to the southwest is a gas station.
- 3. Project Description.** The proposal is to install a wireless telecommunications facility consisting of nine new "dual band" antennas and five new equipment cabinets on the rooftop of the existing six-story "Sailor's Union" building which is approximately 75 feet tall. The proposal is part of a wireless transmission network operated by AT&T on a Location Preference 2 (Preferred Location – Co-Location Site) according to the Wireless Telecommunications Services (WTS) Siting Guidelines. Each antenna measures 51.5" high by 7.1" deep by 11.9" wide. The antennas would be mounted on two different locations: 1) six antennas on the lower roof at a height of

approximately 45" above grade and setback 4" from the façade, and 2) three antennas directly on the rear façade of the building at a height of approximately 42" above grade. Equipment cabinets would be located within a shed on the lower roof.

4. **Past History and Actions.** The Planning Commission established guidelines for the installation of wireless telecommunications facilities in 1996 ("Guidelines"). These Guidelines set forth the land use policies and practices that guide the installation and approval of wireless facilities throughout San Francisco. A large portion of the Guidelines 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, requiring community outreach, notification, and detailed information about the facilities to be installed.¹

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

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

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

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

A Certificate of Appropriateness for proposed work was granted and determined to be appropriate for and consistent with the purposes of Article 10, to meet the standards of Article 10 and to meet the secretary of interior's standards for rehabilitation by the Historic Preservation Commission on November 17, 2010.

¹ PC Resolution 16539, passed March 13, 2003.

On June 23, 2011, the Commission conducted a duly noticed public hearing at a regularly scheduled meeting on the application for a Conditional Use authorization pursuant to Planning Code Sections 827.31, 303, and 890.80 to install a wireless telecommunications facility consisting of 9 new “dual band” antennas and 5 new equipment cabinets on the rooftop of the existing 3 story “Sailor’s Union” building which is approximately 75 feet tall as part of a wireless transmission network operated by AT&T.

The subject site is considered to be a co-location site because there are existing legal antennas on the site. These antennas are operated by MetroPCS, Sprint Nextel, T-Mobile, and Verizon Wireless and were approved by the following Planning Commission actions: Case No. 1996.360C on 11/07/96, Case No. 1997.162C on 04/24/97, and 1998.903C on 02/11/99.

5. **Location Preference.** The *WTS Facilities Siting Guidelines* identify different types of buildings for the siting of wireless telecommunications facilities. Under the *Guidelines*, the Project is a Location Preference 2 (Preferred Location – Co-Location Site).
6. **Radio Waves Range.** The Project Sponsor has stated that the proposed wireless network will transmit calls by radio waves operating in the 1710 - 2155 Megahertz (MHZ) bands, which is regulated by the Federal Communications Commission (FCC) and which must comply with the FCC-adopted health and safety standards for electromagnetic radiation and radio frequency radiation.
7. **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*.
8. **Department of Public Health Review and Approval.** The proposed project was referred to the Department of Public Health (DPH) for emissions exposure analysis. There are currently no antennas operated by AT&T Wireless installed on the roof top of the building at 450 Harrison Street. Existing RF levels at the ground level were around 1% of the FCC public exposure limit. There are similar antennas operated by MetroPCS, Sprint, T-Mobile and Verizon, but there are no other antennas observed within 100 feet of this site. AT&T Wireless proposes to install 9 new antennas. The antennas will be mounted at a height of 50 feet above the ground. The estimated ambient RF field from the proposed AT&T Wireless transmitters at ground level is calculated to be 0.018 mW/sq. cm., which is 3.4% of the FCC exposure limit. The three dimensional perimeter of the RF levels equal to the public exposure limit extends 54 feet which includes areas of the rooftop but does not reach any publicly accessible areas. The maximum calculated exposure level due to the AT&T antennas at the building to the northwest is 24% of the applicable public limit. Exclusion zones should be marked on the rooftop extending out from the face of the antennas to the edge of the roof. Warning signs must be posted at the antennas and roof access points in English, Spanish, and Chinese. Workers should not have access to within five feet of the front of the antennas while in operation.

9. **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.
10. **Community Outreach.** Per the *Guidelines*, the project sponsor held a Community Outreach Meeting for the proposed project. The meeting was at 7:00 P.M. on Tuesday, March 22, 2011 at the SOMA Church of Scientology, located at 566 Folsom Street. No members of the public attended the meeting.
11. **Five-year plan:** Per the *Guidelines*, the project sponsor submitted its latest five-year plan, as required, in April 2011.
12. **Public Comment.** The Department has received X comments on the project.
13. **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 Sections 827.31, 303, and 890.80, a Conditional Use authorization is required for the installation of other uses such as wireless transmission facilities.
14. **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 450 Harrison 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 of such size and nature to be compatible with the surrounding nature of the vicinity. The approval of this authorization has been found, first and foremost, to insure public safety, and insure that the placement of antennas and related support and protection features are so located, designed, and treated architecturally to minimize their visibility from public places, to avoid intrusion into public vistas, avoid disruption of the architectural design integrity of building and insure harmony with neighborhood character. The project has been reviewed and determined to not cause the removal or alteration of any significant architectural features on the subject known historic resource.

- 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 service). It is necessary for San Francisco to have as much coverage as possible in terms of wireless facilities. Due to the topography and tall buildings in San Francisco, unique coverage issues arise because the hills and building break up coverage. Thus, telecommunication carriers often install additional installations to make sure coverage is sufficient.

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

The proposed project at 450 Harrison Street is necessary in order to achieve sufficient street and in-building mobile phone coverage. Recent drive tests in the subject area conducted by the AT&T Radio Frequency Engineering Team provide conclusive evidence that the subject property is the most viable location, based on factors including quality of coverage, population density, land use compatibility, zoning and aesthetics. The proposed coverage area will serve the vicinity bounded by I-80, Beale Street, Howard Street, and Essex Street, as indicated in the coverage maps. This facility will fill in the gaps to improve coverage in the South of Market area as well as to provide necessary facilities for emergency transmission and improved communication for the neighborhood, community and the region.

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

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

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

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

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

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

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

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

While some noise and dust may result from the erection of the antennas 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;

The proposed antennas are proposed to be installed on the existing building in similar design to the existing legal antennas on the site. The proposal, located over 40 feet above grade, is small in size. The project will not affect the existing landscaping.

- 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.

- D. That the use as proposed would provide development that is in conformity with the purpose of the applicable Neighborhood Commercial District.

The proposed project is not within an NC District. Therefore, this finding is not applicable.

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

HOUSING ELEMENT

HOUSING DENSITY, DENSITY, DESIGN & QUALITY OF LIFE

OBJECTIVE 11 - IN INCREASING THE SUPPLY OF HOUSING, PURSUE PLACE MAKING AND NEIGHBORHOOD BUILDING PRINCIPLES AND PRACTICES TO MAINTAIN SAN FRANCISCO'S DESIRABLE URBAN FABRIC AND ENHANCE LIVABILITY IN ALL NEIGHBORHOODS.

POLICY 11.2 - Ensure housing is provided with adequate public improvements, services, and amenities.

The Project will improve AT&T Wireless coverage in a residential, commercial and recreational area along primary transportation routes in San Francisco.

URBAN DESIGN

HUMAN NEEDS

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

POLICY 4.14 - Remove and obscure distracting and cluttering elements.

The Project adequately blends the proposed antennas and related equipment into the existing context by locating the antennas in a similar design to the existing legal antennas.

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 Wireless mobile telecommunications.

COMMUNITY SAFETY ELEMENT

Objectives and Policies

OBJECTIVE 3:

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

Policy 1:

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

Policy 2:

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

Policy 3:

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

Policy 4:

Establish and maintain an adequate Emergency Operations Center.

Policy 5:

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

Policy 6:

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

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.

16. **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 façade alterations do not cause the removal or alteration of any significant architectural features and has been determined to be categorically exempt as class 3.

- 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.

17. 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.

18. 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 827.31, 303, and 890.80 to install a wireless telecommunications facility consisting of 9 new “dual band” antennas and 5 new equipment cabinets on the rooftop of the existing six-story “Sailor’s Union” building which is approximately 75 feet tall. The project site is within a RH-DTR (Rincon Hill Downtown Residential Mixed Use) Zoning District and a 85/400-R Height and Bulk District. The proposal is part of a wireless transmission network operated by AT&T on a Location Preference 2 (Preferred Location – Co-Location Site) according to the Wireless Telecommunications Services (WTS) Siting Guidelines and is 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. 18335. The effective date of this Motion shall be the date of this Motion if not appealed (after the 30-day period has expired) OR the date of the decision of the Board of Supervisors if appealed to the Board of Supervisors. For further information, please contact the Board of Supervisors at (415) 554-5184, City Hall, Room 244, 1 Dr. Carlton B. Goodlett Place, San Francisco, CA 94102.

I hereby certify that the foregoing Motion was adopted by the Planning Commission on **June 23, 2011**.

Linda Avery
Commission Secretary

AYES:

NAYS:

ABSENT:

ADOPTED: June 23, 2011

Exhibit A

Conditions of Approval

AUTHORIZATION

This authorization is for a conditional use to allow a wireless telecommunications facility consisting of This approval is for Conditional Use authorization under Planning Code Sections 827.31, 303, and 890.80 to install a wireless telecommunications facility consisting of 9 new “dual band” antennas and 5 new equipment cabinets on the rooftop of the existing six-story “Sailor’s Union” building which is approximately 75 feet tall. The project site is within a RH-DTR (Rincon Hill Downtown Residential Mixed Use) Zoning District and a 85/400-R Height and Bulk District. The proposal is part of a wireless transmission network operated by AT&T on a Location Preference 2 (Preferred Location – Co-Location Site) according to the Wireless Telecommunications Services (WTS) Siting Guidelines.

RECORDATION OF CONDITIONS OF APPROVAL

Prior to the issuance of the building permit or commencement of use for the Project the Zoning Administrator shall approve and order the recordation of a Notice in the Official Records of the Recorder of the City and County of San Francisco for the subject property. This Notice shall state that the project is subject to the conditions of approval contained herein and reviewed and approved by the Planning Commission on **June 23, 2011** 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 415-558-6613, www.sf-planning.org.

4. **Screening - WTS.** To the extent necessary For information about 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 impacts;
 - g. Rooftop installations shall be setback such that back up facilities are not viewed from the street;
 - h. Antennae attached to building facades shall be so placed, screened or otherwise treated to minimize any negative visual impact; and
 - i. Although co location of various companies' facilities may be desirable, a maximum number of antennas and back up facilities on the Project Site shall be established, on a case by case basis, such that "antennae farms" or similar visual intrusions for the site and area is not created.

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

MONITORING - AFTER ENTITLEMENT

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

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

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

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

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

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

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

8. Implementation and Monitoring 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 the monitoring of the conditions of approval contained in this authorization, including costs incurred by this Department, the Department of Public Health, the Department of Electricity and Telecommunications, Office of the City Attorney, or any other appropriate City Department or agency pursuant to Planning Code Section 351(f) (2). The Planning Department shall collect such costs on behalf of the City.
- c. The Project Sponsor shall be responsible for the payment of all fees associated with the installation of the subject facility, which are assessed by the City pursuant to all applicable law.

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

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

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

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

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

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

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

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

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

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

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

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

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

OPERATION

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

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

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

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

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

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

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

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

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

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

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

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

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

Parcel Map

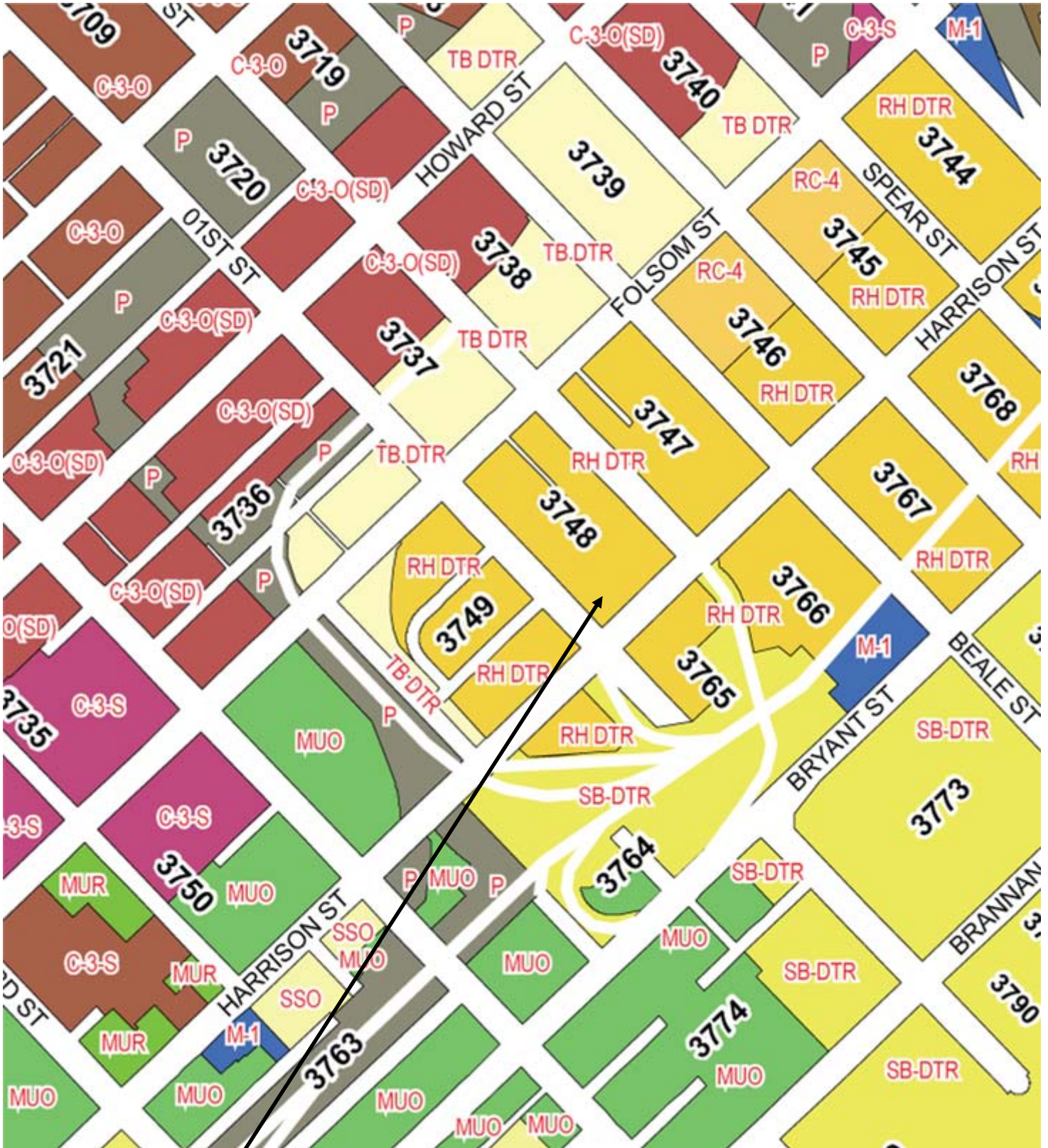


SUBJECT PROPERTY



Conditional Use Hearing
Case Number 2011.0008C
450 Harrison Street
3748/031

Zoning Map

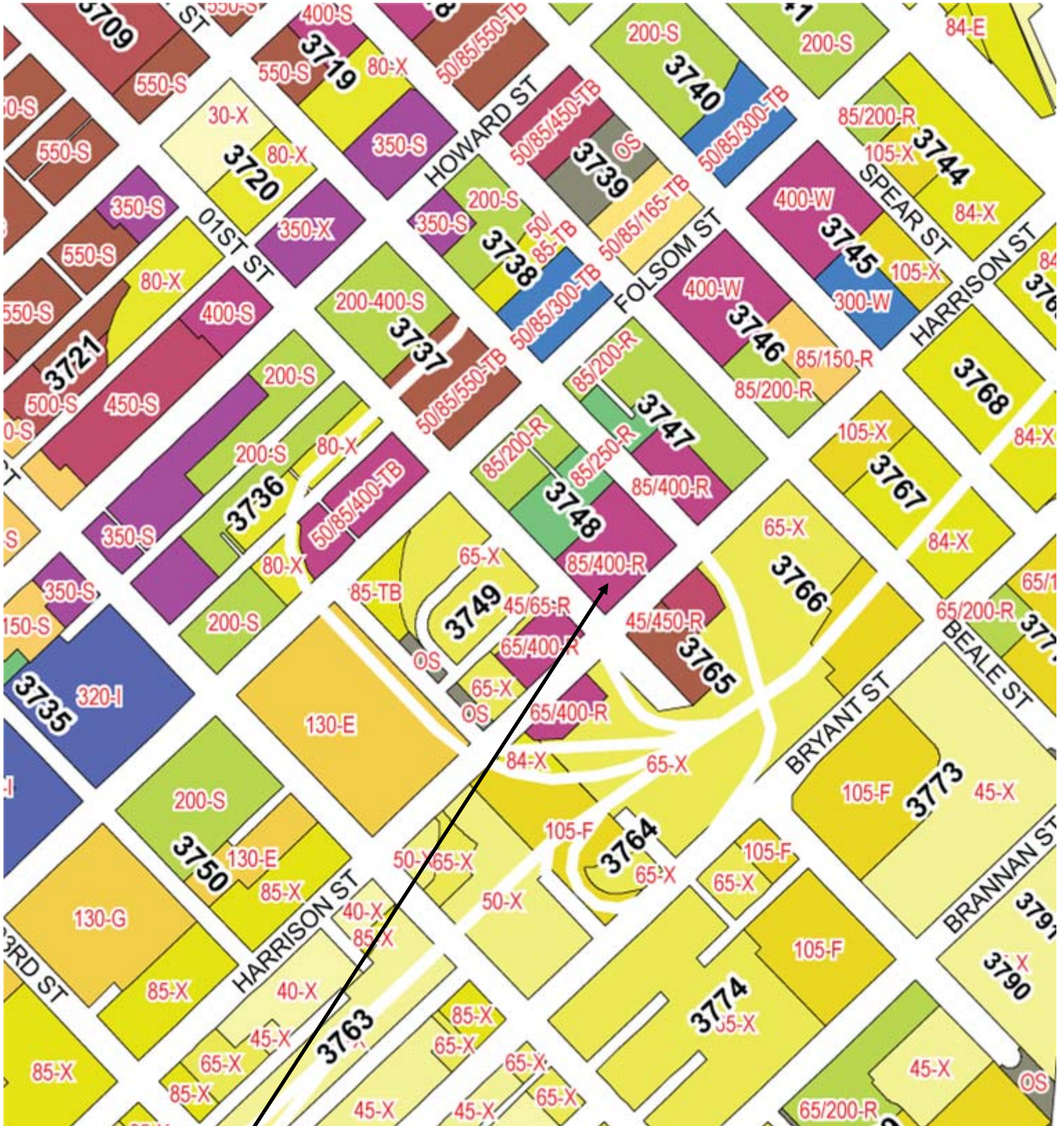


SUBJECT PROPERTY



Conditional Use Hearing
Case Number 2011.0008C
450 Harrison Street
3748/031

Height & Bulk Map

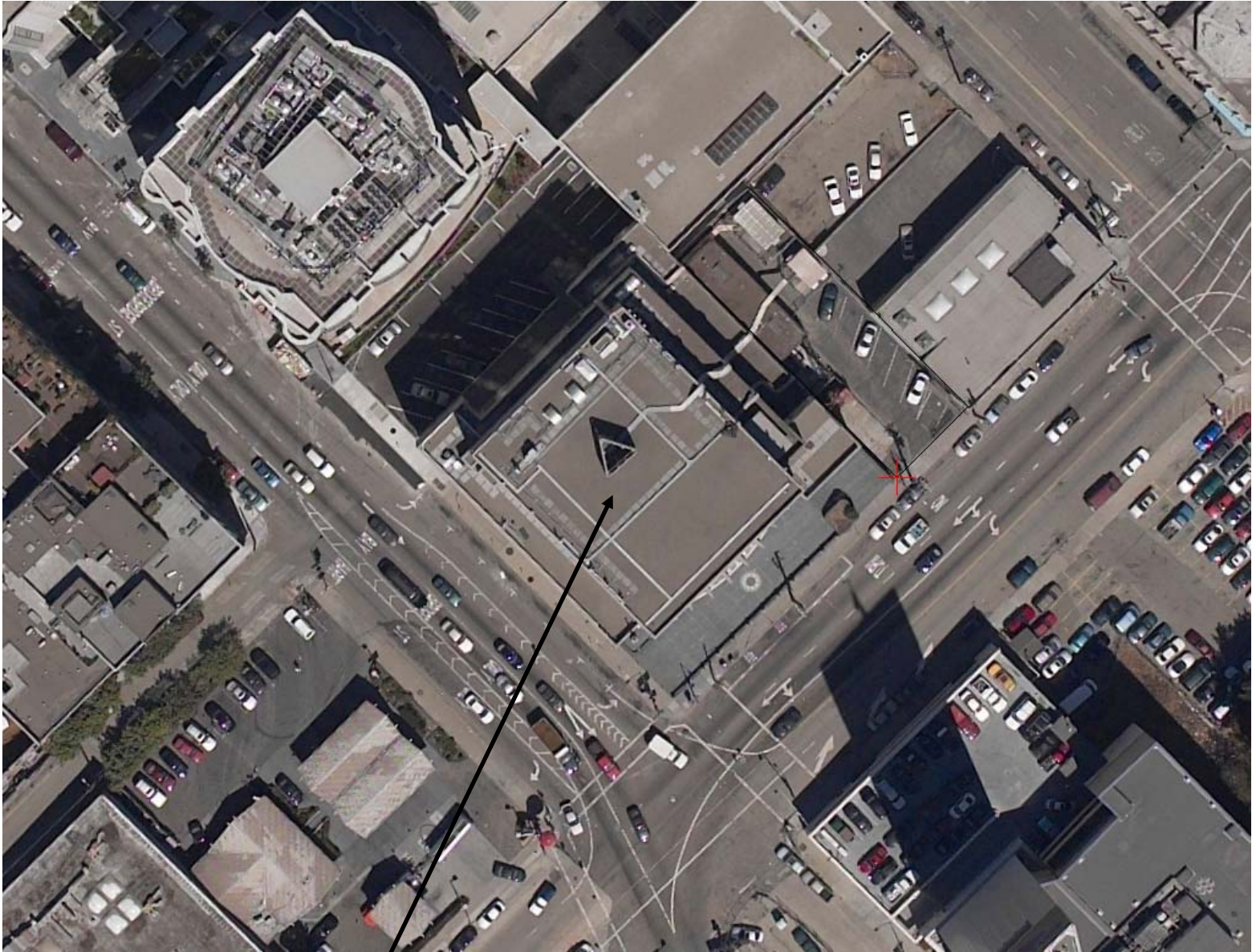


SUBJECT PROPERTY



Conditional Use Hearing
Case Number 2011.0008C
450 Harrison Street
3748/031

Aerial Photograph – Site View

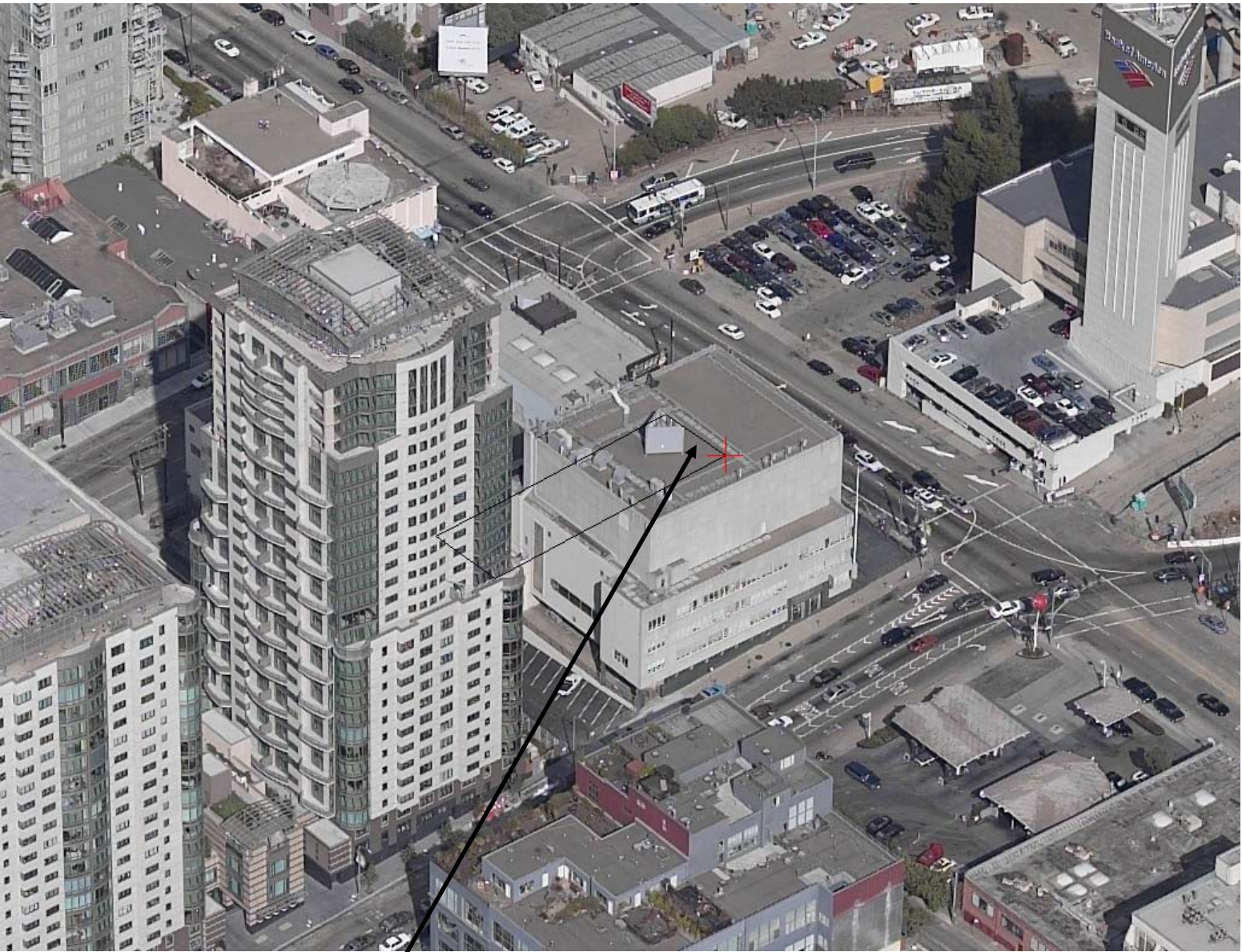


SUBJECT PROPERTY



Conditional Use Hearing
Case Number 2011.0008C
450 Harrison Street
3748/031

Aerial Photograph – Looking East

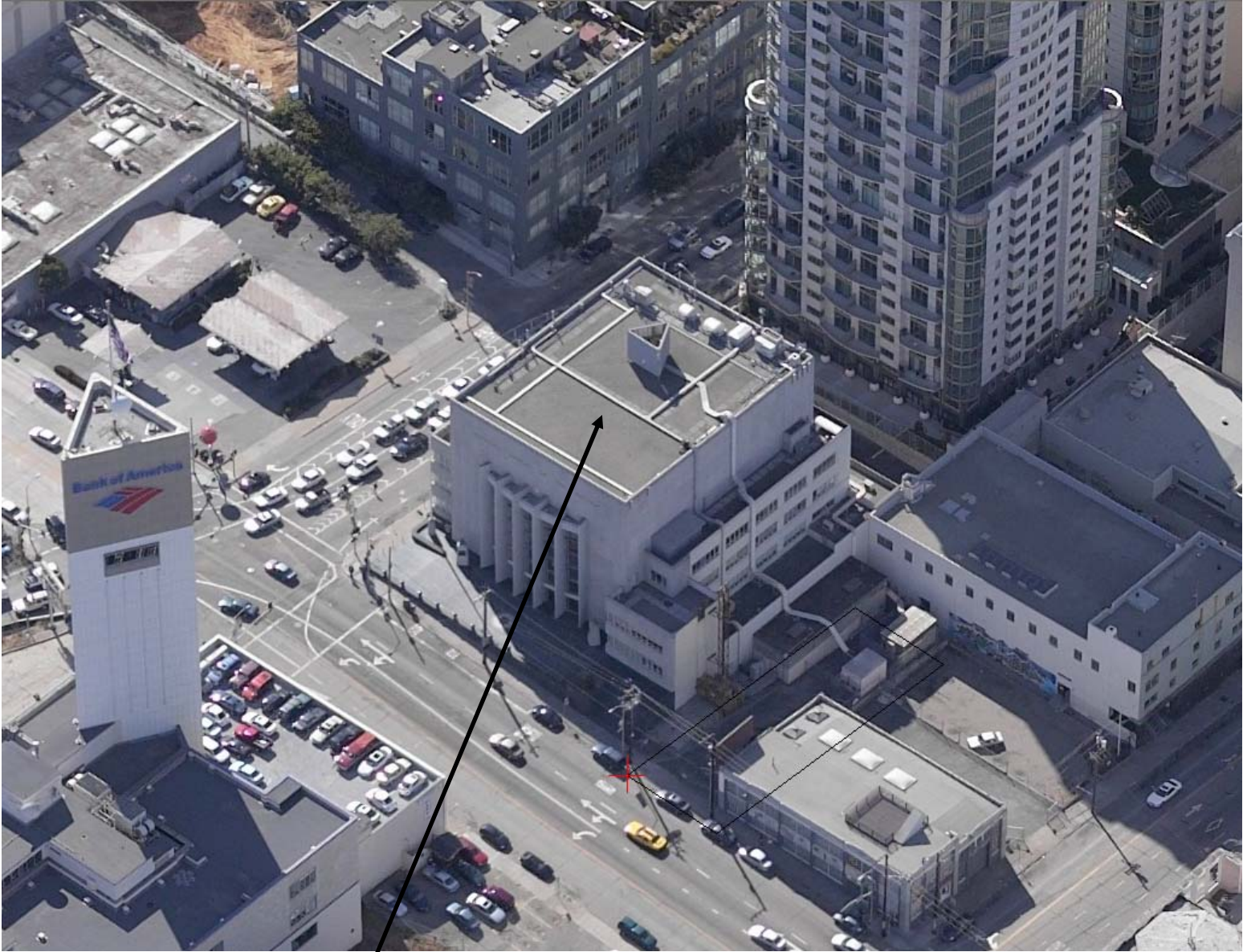


SUBJECT PROPERTY



Conditional Use Hearing
Case Number 2011.0008C
450 Harrison Street
3748/031

Aerial Photograph – Looking West

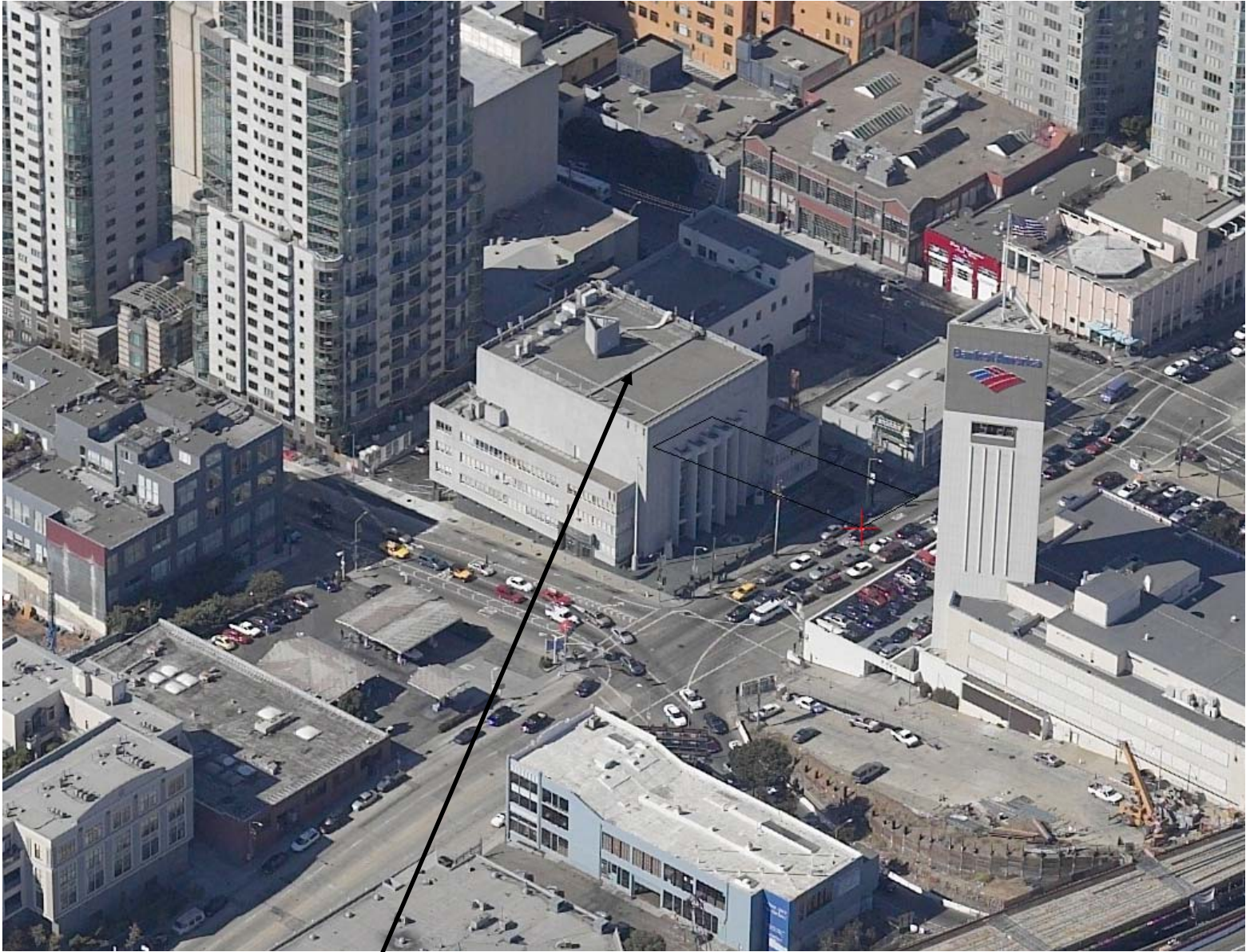


SUBJECT PROPERTY



Conditional Use Hearing
Case Number 2011.0008C
450 Harrison Street
3748/031

Aerial Photograph – Looking North

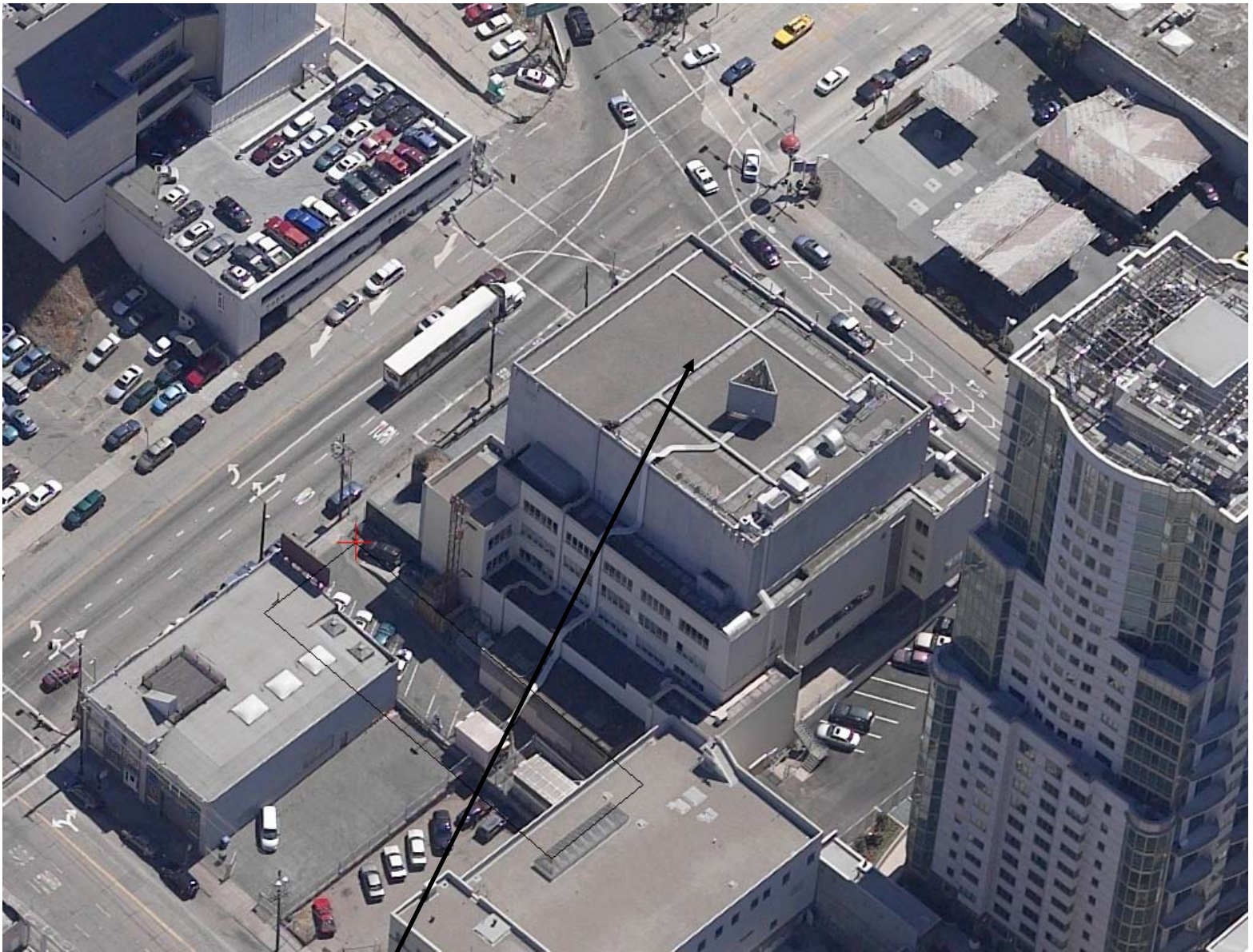


SUBJECT PROPERTY



Conditional Use Hearing
Case Number 2011.0008C
450 Harrison Street
3748/031

Aerial Photograph – Looking South



SUBJECT PROPERTY



Conditional Use Hearing
Case Number 2011.0008C
450 Harrison Street
3748/031

Site Photographs



Conditional Use Hearing
Case Number 2011.0008C
450 Harrison Street
3748/031

Existing

existing shed to be removed/replaced



at&t

CC2362

Sailor's Union

450 Harrison Street
San Francisco, CA 94124

Proposed

proposed AT&T antennas
proposed AT&T equipment shelter



Photosimulation of the proposed telecommunication facility as seen looking southwest from Fremont Street

Existing



at&t

CC2362

Sailor's Union

450 Harrison Street
San Francisco, CA 94124

Proposed



Existing



at&t

CC2362

Sailor's Union

450 Harrison Street
San Francisco, CA 94124

Proposed

proposed AT&T
antennas



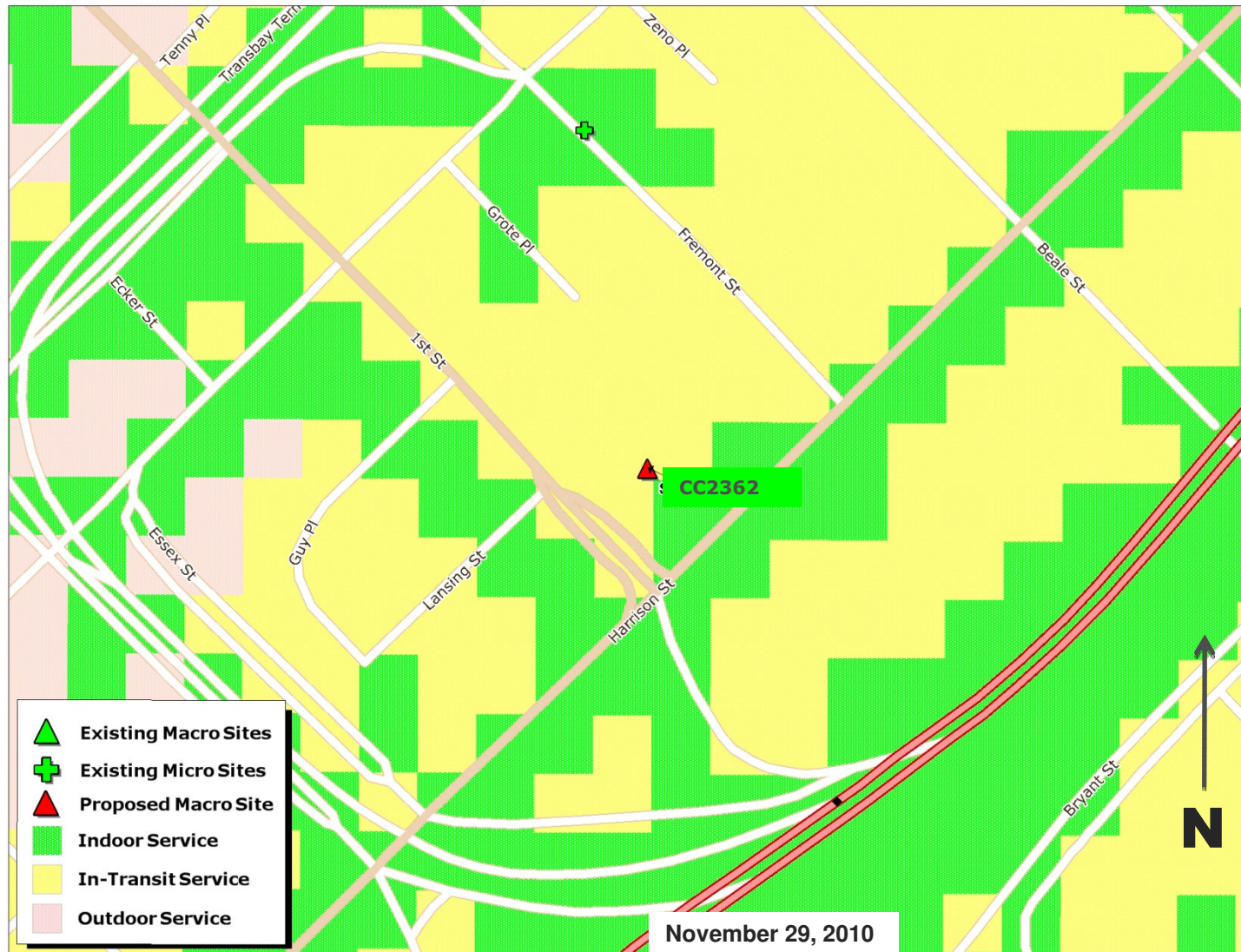
Service Improvement Objective (CC2362)

450 Harrison Street



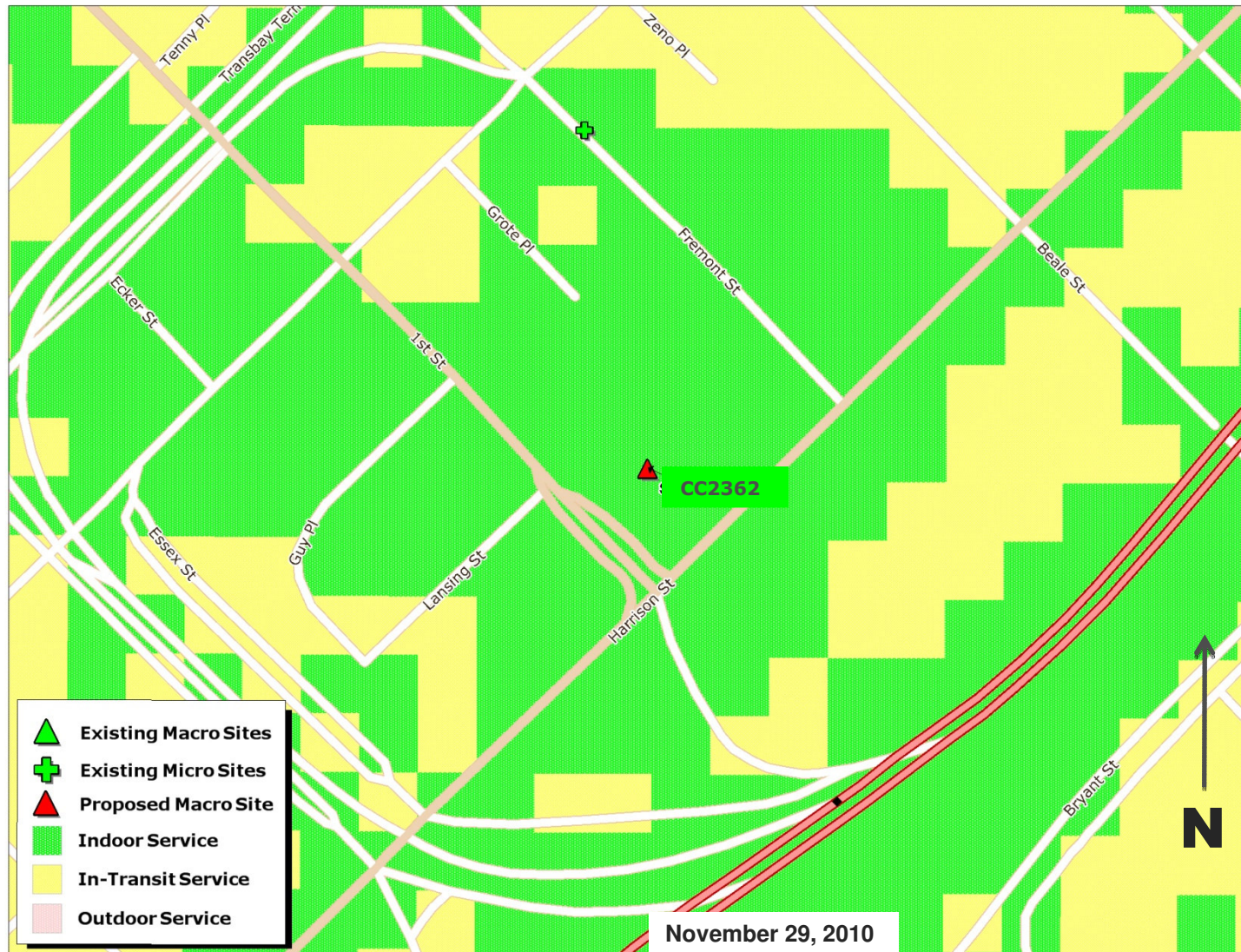
Proposed Site at 450 Harrison Street (CC2362)

Service Area BEFORE site is constructed



Proposed Site at 450 Harrison Street (CC2362)

Service Area AFTER site is constructed



Existing Surrounding Sites at 450 Harrison Street CC2362



**AT&T Mobility • Proposed Base Station (Site No. SFA001)
450 Harrison 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. SFA001) proposed to be located at 450 Harrison 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:

<u>Wireless Service</u>	<u>Frequency Band</u>	<u>Occupational Limit</u>	<u>Public Limit</u>
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. David Kelly, a qualified field technician contracted by Hammett & Edison, Inc., during normal business hours on January 7, 2010, 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 October 22, 2010.

Checklist

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

There were observed directional panel antennas for use by MetroPCS, Sprint Nextel, T-Mobile, and Verizon Wireless installed on the roof parapet and above the roof of the Sailor’s Union of the Pacific building located at 450 Harrison 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.

**AT&T Mobility • Proposed Base Station (Site No. SFA001)
450 Harrison Street • San Francisco, California**

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

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

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

AT&T proposes to install nine Andrew directional panel antennas – seven Model DBXNH-6565A-R2M and two Model DBXCP-4545A-R2M – mounted in groups of three with up to 6° downtilt. Two groups would be mounted on short poles above the lower roof near the west corner of the building, at an effective height of about 49½ feet above ground, 7½ feet above the roof, and would be oriented toward 230°T and 275°T, while the third group would be mounted on the face of the parapet of the lower roof near the east corner of the building, at an effective height of about 44 feet above ground, and would be oriented toward 30°T.

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

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

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

The maximum effective radiated power proposed by AT&T in any direction is 6,090 watts, representing simultaneous operation at 1,820 watts for AWS, 2,090 watts for PCS, 1,400 watts for cellular, and 780 watts for 700 MHz service. The number of watts for the other carriers are not known.

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

The drawings show the proposed antennas to be installed as described in Item 4 above. There were noted taller buildings to the northwest and southeast, about 70 and 220 feet away, respectively; there was also a building of similar height about 90 feet to the southeast.

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 0.018 mW/cm², which is 3.4% of the applicable public exposure limit. Ambient RF levels at the site are therefore estimated to remain below 4% of the limit. The maximum calculated exposure level due to AT&T at the building to the northwest is 24% of the



**AT&T Mobility • Proposed Base Station (Site No. SFA001)
450 Harrison Street • San Francisco, California**

limit. The three-dimensional perimeter of RF levels equal to the public exposure limit from the AT&T antennas is calculated to extend up to 54 feet out from the antenna faces and to much lesser distances above, below, and to the sides; this includes areas of the roof of the 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 18 feet directly in front of the antennas themselves, such as might occur during maintenance work on the lower roof and on the face of the lower roof parapet, 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 “exclusion areas” with red striping out to the edge of the roof in front of the AT&T antennas at the west corner of the building and posting explanatory warning signs* at the roof access door and at all the AT&T antennas, such that the signs would be readily visible from any angle of approach to persons who might need to work within that distance, would be sufficient to meet FCC-adopted guidelines. Similar measures should already be in place for the other carriers at the site; applicable keep-back distances for those carriers have not been determined as part of this study.

10. Statement of authorship.

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

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



**AT&T Mobility • Proposed Base Station (Site No. SFA001)
450 Harrison Street • San Francisco, California**

Conclusion

Based on the information and analysis above, it is the undersigned's professional opinion that operation of the base station proposed by AT&T Mobility at 450 Harrison 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 exclusion areas on the roof and posting explanatory signs is recommended to establish compliance with occupational exposure limitations.



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

707/996-5200

December 6, 2010



Review of Cellular Antenna Site Proposals

Project Sponsor : AT&T Wireless **Planner:** Jonas Ionin
RF Engineer Consultant: Hammett and Edison **Phone Number:** (707) 996-5200
Project Address/Location: 450 Harrison St
Site ID: 1358 **SiteNo.:** SFA001

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: 6090 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: 6090 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: 0.018 mW/cm^2 Maximum RF Exposure Percent: 3.4
- X 9. Signage at the facility identifying all WTS equipment and safety precautions for people nearing the equipment as may be required by any applicable FCC-adopted standards. (WTS-FSG, Section 10.9.2). Discuss signage for those who speak languages other than English.

<input checked="" type="checkbox"/> Public_Exclusion_Area	Public Exclusion In Feet:	<u>54</u>
<input checked="" type="checkbox"/> Occupational_Exclusion_Area	Occupational Exclusion In Feet:	<u>18</u>

X 10. Statement on who produced this report and qualifications.

X **Approved.** Based on the information provided the following staff believes that the project proposal will comply with the current Federal Communication Commission safety standards for radiofrequency radiation exposure. FCC standard 1986-NCRP **Approval of the subsequent Project Implementation Report is based on project sponsor completing recommendations by project consultant and DPH.**

Comments:

There are currently no antennas operated by AT&T Wireless installed on the roof top of the building at 450 Harrison Street. Existing RF levels at ground level were around 1% of the FCC public exposure limit. There are similar antennas operated by MetroPCS, Sprint, T-Mobile and Verizon but there were observed no other antennas within 100 feet of this site. AT&T Wireless proposes to install 9 new antennas. The antennas will be mounted at a height of 50 feet above the ground. The estimated ambient RF field from the proposed AT&T Wireless transmitters at ground level is calculated to be 0.018 mW/sq cm., which is 3.4 % of the FCC public exposure limit. The three dimensional perimeter of RF levels equal to the public exposure limit extends 54 feet which includes areas of the rooftop but does not reach any publicly accessible areas. The maximum calculated exposure level due to the AT&T antennas at the building to the northwest is 24% of the applicable public limit. Exclusion zones should be marked on the rooftop extending out from the face of the antennas to the edge of the roof. Warnings signs must be posted at the antennas and roof access points in English, Spanish and Chinese. Worker should not have access to within 18 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: 12/9/2010

Patrick Fosdahl

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



Ian Kim
<iankim2011@gmail.com>
06/08/2011 08:55 AM

To erika.jackson@sfgov.org
cc
bcc
Subject Comment for Case No 2011.0008C (450 Harrison Street wireless antennas)

History:  This message has been replied to.

Dear Planning Commissioners,

I just received a mail notice regarding AT&T's proposed equipment to be installed on top of the Sailors Union building.

I live at 333 First Street -- less than half a block down the hill from the proposed site.

I support the installation of this equipment. I am an AT&T customer, and the quality of service when I am at home is not very good -- lots of dropped calls and signal strength that varies (in unpredictable ways) between 4 bars and zero bars (out of total 5 bars max). I seem to have more problems during rush hour. I suspect that during rush hour, when there is a great deal of traffic coming up first street and passing nearby on the freeway, the demands on the existing antennas in this area are too great.

The relatively recent construction of the One Rincon Hill condo, along with the Metropolitan condo, means there are hundreds, if not thousands, of relatively new cell phone users in this area who were not here before, and a large percentage of them are probably AT&T customers, such as myself.

Two caveats:

- I do request that all relevant information be provided to residents who live nearby regarding the levels of radiation to which we may be exposed due to these antennas. I would trust this information coming from a third party evaluator more than if it came only from AT&T. But any kind of information, even if just from AT&T, would be helpful. I have a 5-year-old child and I think it is important to know about possible health impacts, especially on young children.
- Does the Sailors Union, as the property owner of the rooftop in question, have any concerns or reservations? If the Sailors Union does have concerns, then I hope you take those concerns seriously, whatever they may be.

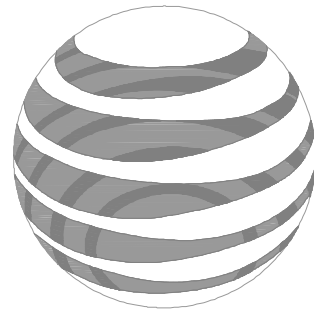
Sincerely,

Ian Kim

nearby resident

333 First Street (Metropolitan condo)

iankim2011@gmail.com



at&t

SAILOR'S UNION
450 HARRISON
SAN FRANCISCO, CA 94124
CC2362

SAILOR'S UNION

CC2362
 450 HARRISON ST
 SAN FRANCISCO, CA 94105

ISSUE STATUS

Δ	DATE	DESCRIPTION	BY
	07/27/10	ZD 90%	J.B.
	10/22/10	ZD 100%	C.C.
	12/08/10	CLIENT REV	C.C.
	-	-	-
	-	-	-
	-	-	-

DRAWN BY: J. BURRELL
 CHECKED BY: C. MATHISEN
 APPROVED BY: -
 DATE: 12/08/10

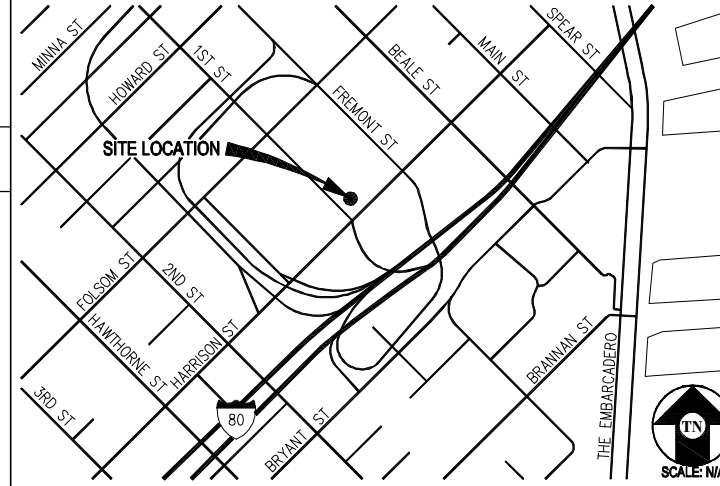
Streamline Engineering and Design, Inc.
 3288 Penryn Rd, Suite 200 Loomis, CA 95650
 Contact: Larry Houghtby Phone: 916-275-4180
 E-Mail: larry@streamlineeng.com Fax: 916-660-1941

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PROJECT DESCRIPTION

A (P) UNMANNED TELECOMMUNICATION FACILITY CONSISTING OF ADDING (5) (P) AT&T EQUIPMENT CABINETS INSIDE A (P) 12'X16' AT&T LEASE AREA ON (E) ROOF. ALSO ADDING (9) (P) AT&T ANTENNAS, (6) (P) RRU'S, & A (P) 18" CABLE TRAY.

VICINITY MAP



CODE COMPLIANCE

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

- 2007 CALIFORNIA ADMINISTRATIVE CODE (INCL. TITLES 24 & 25)
- 2007 CALIFORNIA BUILDING CODE
- 2007 CALIFORNIA ELECTRICAL CODE
- 2007 CALIFORNIA MECHANICAL CODE
- 2007 CALIFORNIA PLUMBING CODE
- 2007 CITY OF SAN FRANCISCO FIRE CODE
- LOCAL BUILDING CODES
- CITY/COUNTY ORDINANCES
- ANSI/EIA-TIA-222-G

ALONG WITH ANY OTHER APPLICABLE LOCAL & STATE LAWS AND REGULATIONS

PROJECT INFORMATION

SITE NAME: SAILOR'S UNION **SITE #:** CC2362
COUNTY: SAN FRANCISCO **JURISDICTION:** CITY OF SAN FRANCISCO
BLOCK/LOT: 3748-031 **POWER:** PG&E
SITE ADDRESS: 450 HARRISON ST, SAN FRANCISCO, CA 94105 **TELEPHONE:** AT&T

CURRENT ZONING: RH DTR
CONSTRUCTION TYPE: IV-B, SPRINKLERS
OCCUPANCY TYPE: U
HEIGHT / BULK: 85 / 400-R

PROPERTY OWNER: SAILOR'S UNION PACIFIC BUILDING CORP
 450 HARRISON STREET
 SAN FRANCISCO, CA 94105

APPLICANT: AT&T
 430 BUSH ST, 5TH FLOOR
 SAN FRANCISCO, CA 94108

LEASING CONTACT: ATTN: COREY ALVIN
 (415) 760-9763

ZONING CONTACT: ATTN: AMY MILLION
 (949) 307-6431

CONSTRUCTION CONTACT: ATTN: STEVE ROMERO
 (415) 774-1163

LATITUDE: N 37° 47' 11.56" NAD 83
LONGITUDE: W 122° 23' 34.97" NAD 83
AMSL: ± 79'

DRIVING DIRECTIONS

FROM: 430 BUSH ST, SAN FRANCISCO, CA 94108
TO: 450 HARRISON ST, SAN FRANCISCO, CA 94105

- START OUT GOING EAST ON BUSH ST TOWARD CLAUDE LN. 0.3 MI
- TURN SLIGHT RIGHT ONTO BATTERY ST. 0.0 MI
- BATTERY ST BECOMES 1ST ST. 0.5 MI
- TURN LEFT ONTO HARRISON ST. 0.0 MI

END AT: 450 HARRISON ST, SAN FRANCISCO, CA 94105

ESTIMATED TIME: 3 MINUTES **ESTIMATED DISTANCE:** .83 MILES

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

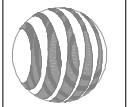
SHEET INDEX

SHEET	DESCRIPTION	REV
T-1	TITLE	-
C-1	TOPOGRAPHIC SURVEY	-
A-1	SITE PLAN	-
A-2	ENLARGED SITE PLAN	-
A-3	EQUIPMENT PLAN & DETAILS	-
A-4	ANTENNA PLANS & DETAILS	-
A-5	ELEVATION	-
A-6	ELEVATION	-
A-7	ELEVATION	-
A-8	ELEVATION	-

APPROVAL

RF
LEASING
ZONING
CONSTRUCTION
AT&T
ERICSSON

at&t



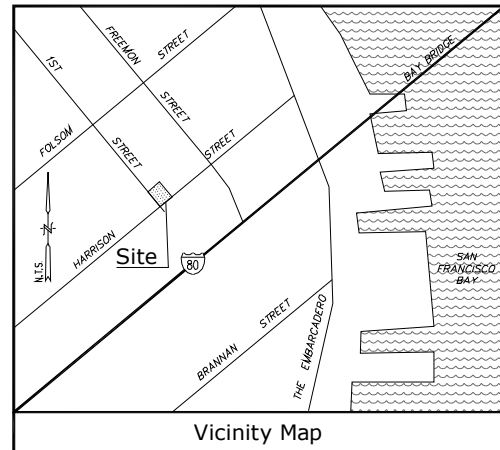
430 BUSH ST, 5TH FLOOR
 SAN FRANCISCO, CA 94108

SHEET TITLE:

TITLE

SHEET NUMBER:

T-1



Title Report

BASE SURVEY WAS COMPLETED WITHOUT THE BENEFIT OF A TITLE REPORT.
 PREPARED BY:
 ORDER NO.:

Legal Description

A PORTION OF MAP 100 VARA BLOCK 343, IN THE CITY OF SAN FRANCISCO, COUNTY OF SAN FRANCISCO, STATE OF CALIFORNIA IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

Assessor's Parcel No.

3748-031

Easements

NOT AVAILABLE

Access Easement/Lease Area

TO BE DETERMINED

Geographic Coordinates to be determined

1983 DATUM: LATITUDE XX' XX' XX.XX" LONGITUDE XXX' XX' XX.XX"
 ELEVATION = XXX.X FEET ABOVE MEAN SEA LEVEL

CERTIFICATION:
 THE LATITUDE AND LONGITUDE SHOWN ABOVE ARE ACCURATE TO WITHIN +/- 15 FEET HORIZONTALLY AND THAT THE ELEVATIONS SHOWN ABOVE ARE ACCURATE TO WITHIN +/- 3 FEET VERTICALLY. THE HORIZONTAL DATUM (GEOGRAPHIC COORDINATES) IS IN TERMS OF THE NORTH AMERICAN DATUM OF 1983 (NAD 83) AND IS EXPRESSED IN DEGREES (°), MINUTES (') AND SECONDS ("). TO THE NEAREST HUNDREDTH OF A SECOND, THE VERTICAL DATUM (ELEVATIONS) IS IN TERMS OF THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88) AND IS DETERMINED TO THE NEAREST TENTH OF A FOOT.

Basis of Bearings

THE STATE PLANE COORDINATE SYSTEM OF 1983 (NAD 83), CALIFORNIA ZONE 3.

Bench Mark

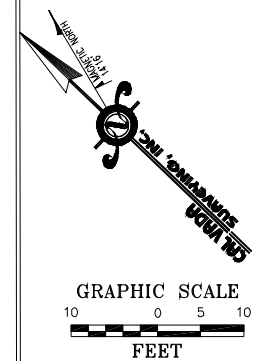
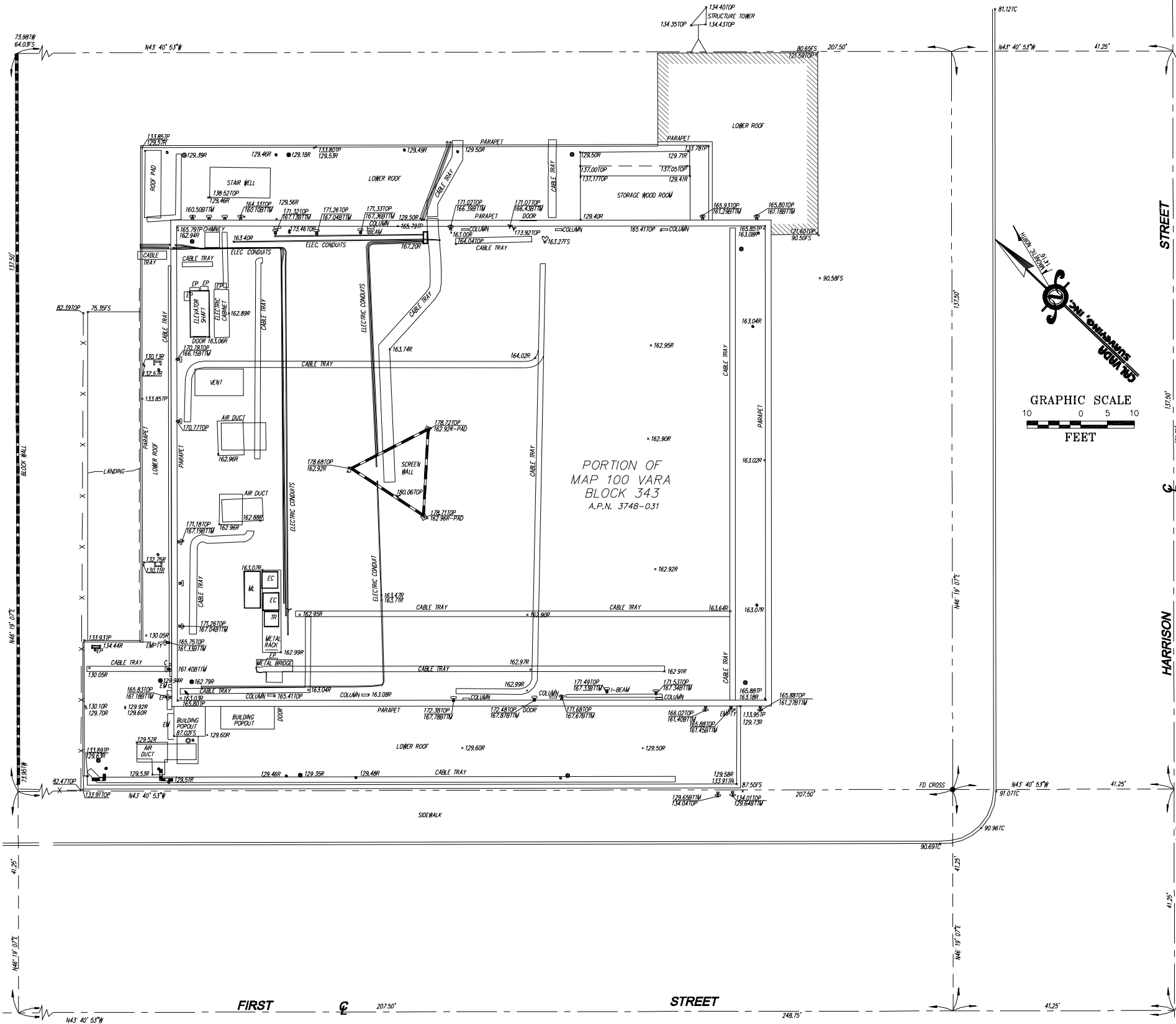
THE CALIFORNIA SPATIAL REFERENCE C.O.R.S "SBRN", ELEVATION = 101.43 FEET (NAVD 88).

Date of Survey

JULY 10, 2010

Legend	
	EP ELECTRIC PANEL
	EC ELECTRIC CABINET
	TR TRANSFORMER
	EM ELECTRIC METER
	C ELECTRIC CONDUIT
	ML METAL LANDING
	FS FINISH SURFACE
	NG NATURAL GROUND
	TC TOP OF CURB
	TP TOP OF PARAPET
	TW TOP OF WALL
	R ROOF
	TOP OF STRUCTURE
	ROOF
	TV-ANTENNA

Overall Site Detail
 SCALE: 1"=10'



Streamline Engineering

and Design, Inc.
 3268 Pennyn Road, Suite 200, Loomis, CA 95650
 Contact: Larry Houghtby Phone: 916-275-4180
 E-Mail: larry@streamlineeng.com Fax: 916-650-1941

PROPRIETARY INFORMATION
 THE INFORMATION CONTAINED IN THIS SET OF CONSTRUCTION DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO AT&T MOBILITY IS STRICTLY PROHIBITED.

CONSULTANT
CALVADA SURVEYING, INC.
 411 Jarvis Cir., Suite 208, Corona, CA 92689
 Phone: 951-580-8800 Fax: 951-580-9746
 www.calvada.com
 Toll Free: 800-CALVADA
 JOB NO. 10085

PREPARED FOR

 430 Bush Street, 5th Floor
 San Francisco, Ca 94108

APPROVALS

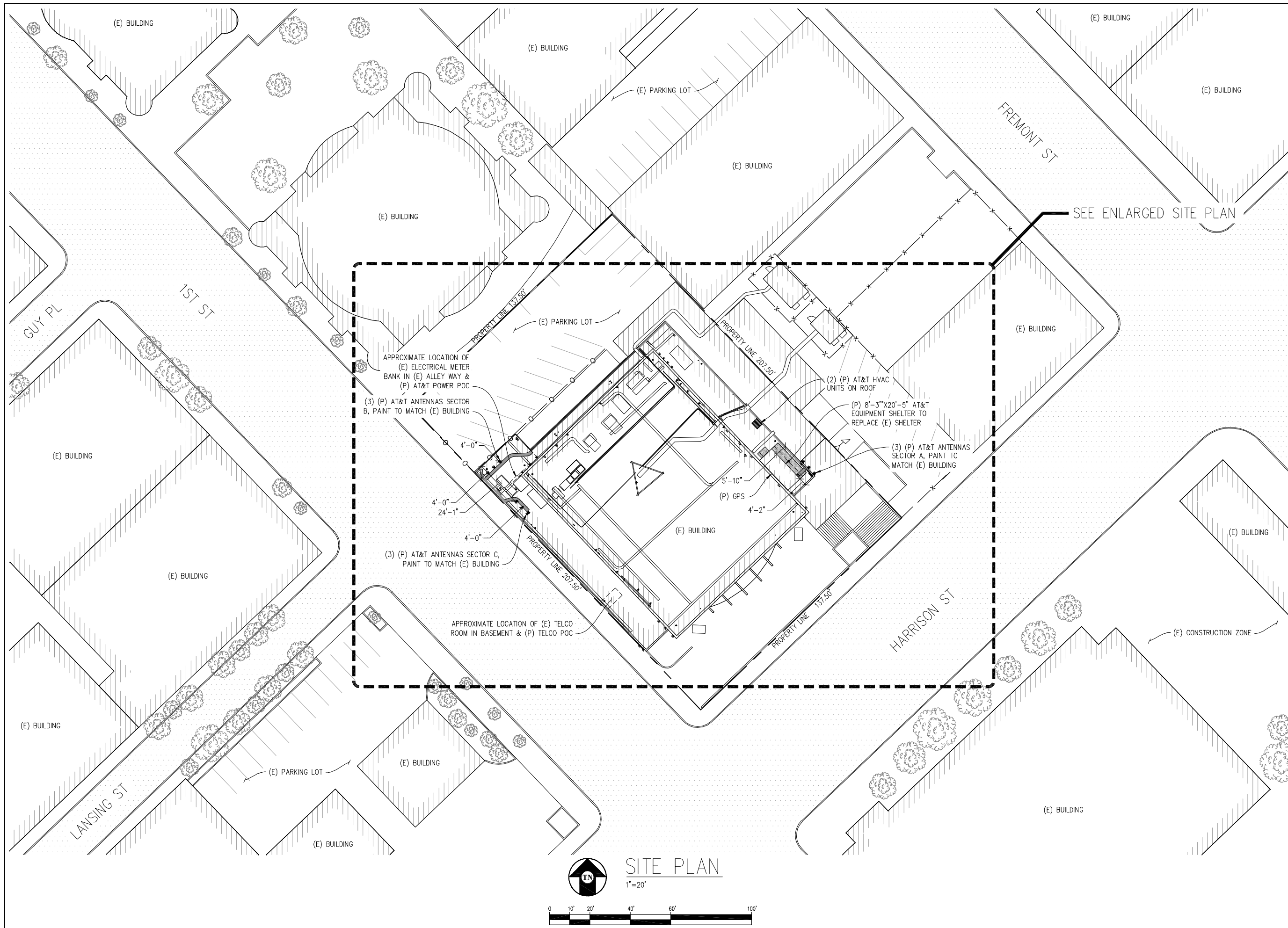
R.F.	DATE
SAC AND ZONING	DATE
ERICSSON CM	DATE
AT&T CM	DATE
OWNER APPROVAL	DATE

PROJECT NAME
SAILOR'S UNION
 PROJECT NUMBER
SFA001
 450 HARRISON STREET
 SAN FRANCISCO, CA 94105
 SAN FRANCISCO COUNTY

DATE	DESCRIPTION	BY
07/15-10	SUBMITTAL	HP

SHEET TITLE
TOPOGRAPHIC SURVEY

C-1
 SHEET 1 OF 1



SAILOR'S UNION

CC2362
450 HARRISON ST
SAN FRANCISCO, CA 94105

ISSUE STATUS

Δ	DATE	DESCRIPTION	BY
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	10/22/10	ZD 100%	C.C.
	12/08/10	CLIENT REV	C.C.
	-	-	-
	-	-	-

DRAWN BY: J. BURRELL

CHECKED BY: C. MATHISEN

APPROVED BY: -

DATE: 12/08/10

Streamline Engineering and Design, Inc.

3288 Penryn Rd, Suite 200 Loomis, CA 95660
 Contact: Larry Houghtby Phone: 916-275-4180
 E-Mail: larry@streamlineeng.com Fax: 916-660-1941

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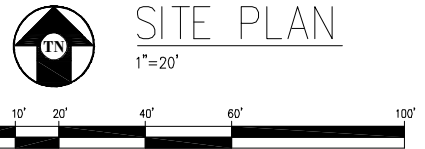
430 BUSH ST, 5TH FLOOR
SAN FRANCISCO, CA 94108

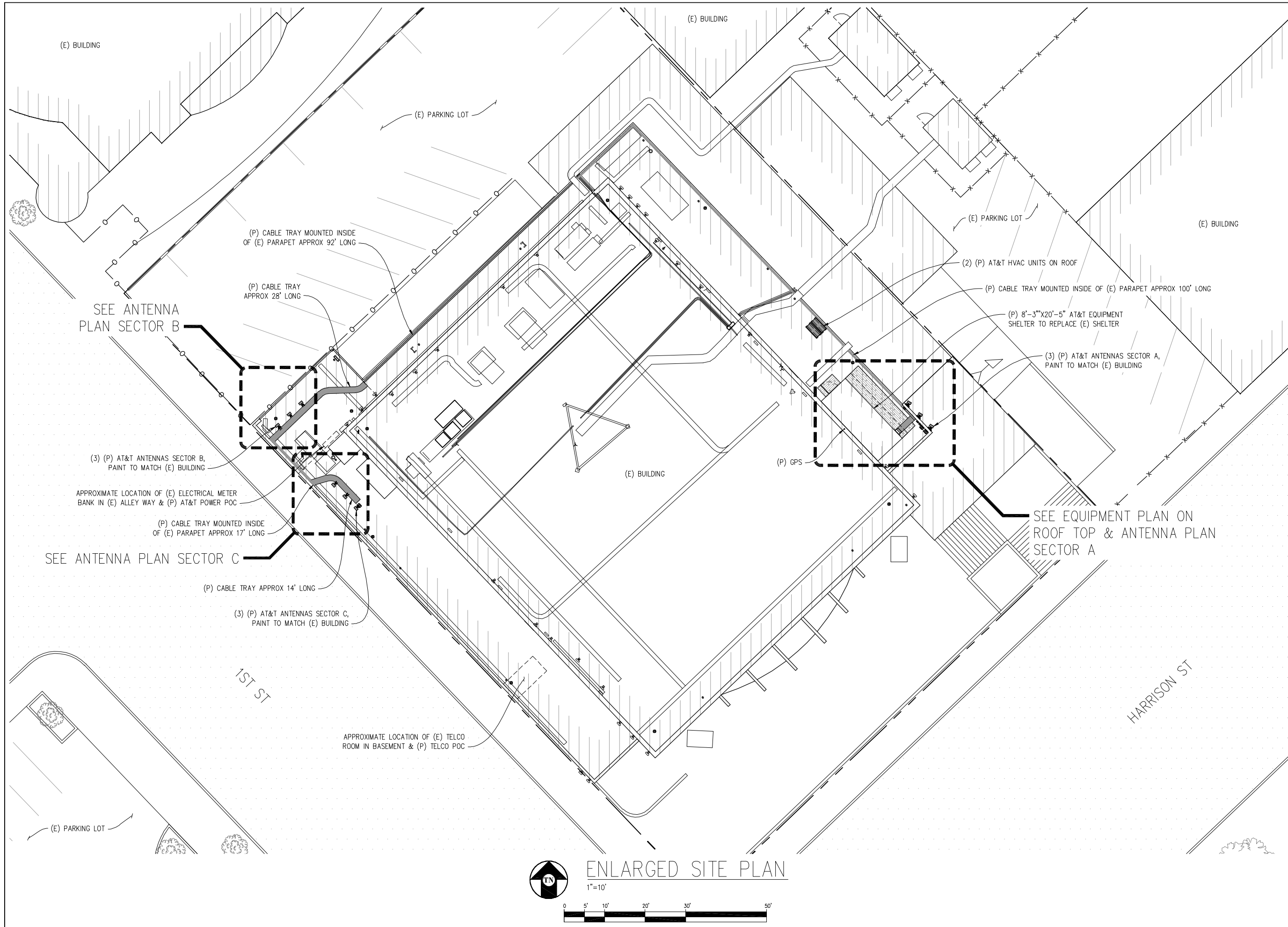
SHEET TITLE:

SITE PLAN

SHEET NUMBER:

A-1





SAILOR'S UNION

CC2362
450 HARRISON ST
SAN FRANCISCO, CA 94105

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at&t

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

SHEET TITLE:
ENLARGED SITE PLAN

SHEET NUMBER:
A-2

ISSUE STATUS

Δ	DATE	DESCRIPTION	BY
	07/27/10	ZD 90%	J.B.
	10/22/10	ZD 100%	C.C.
	12/08/10	CLIENT REV	C.C.
	-	-	-
	-	-	-

DRAWN BY: J. BURRELL

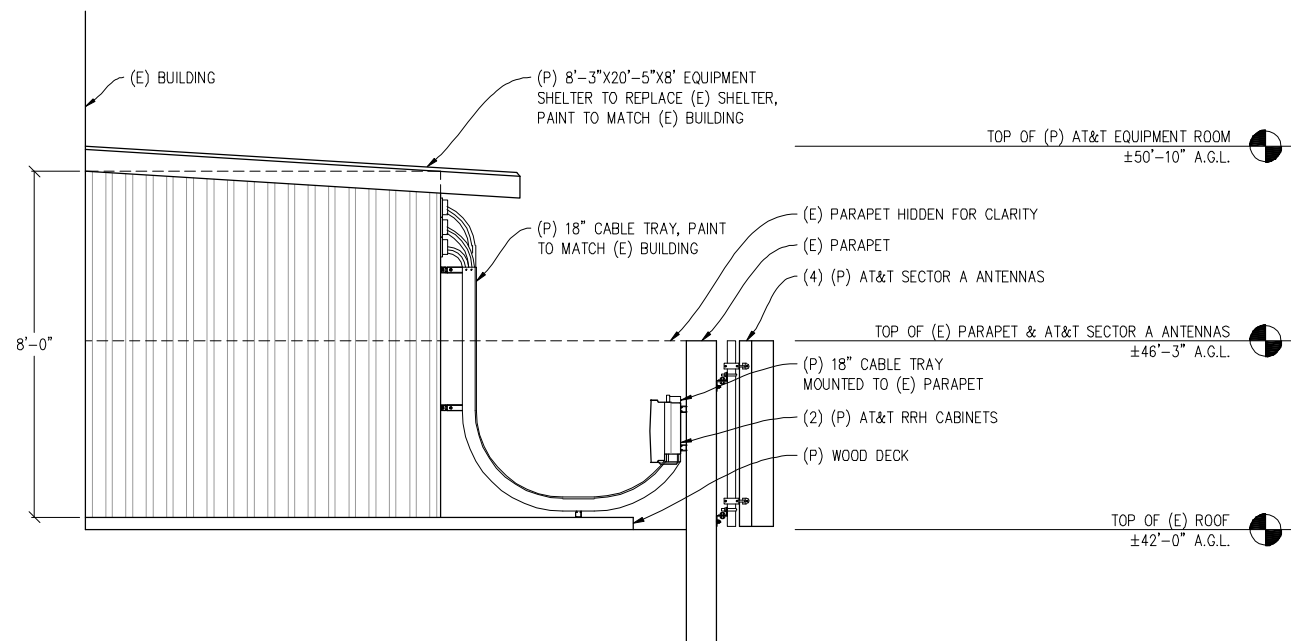
CHECKED BY: C. MATHISEN

APPROVED BY: -

DATE: 12/08/10

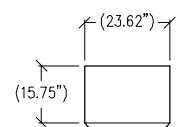
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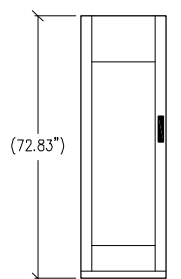


SOUTHEAST ELEVATION OF EQUIPMENT ROOM

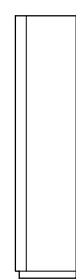
1/2"=1'



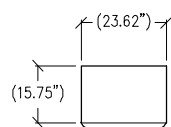
TOP VIEW



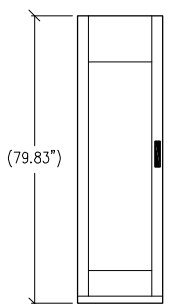
FRONT VIEW



RIGHT VIEW



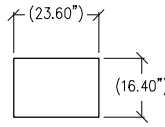
TOP VIEW



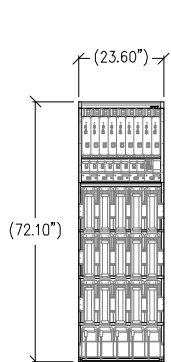
FRONT VIEW



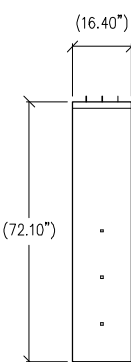
RIGHT VIEW



TOP VIEW



FRONT VIEW

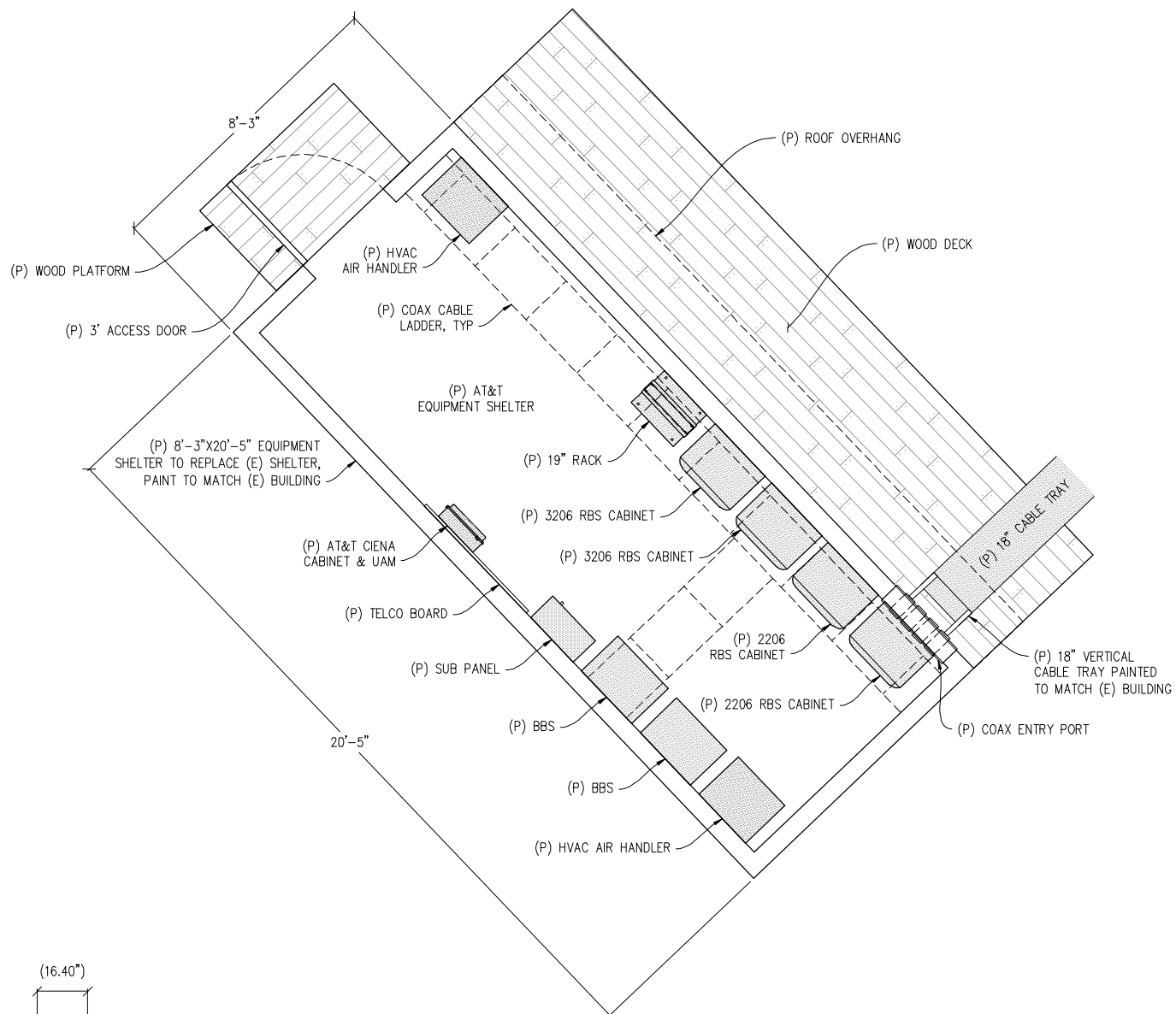


SIDE VIEW

① RBS DETAIL
1/2"=1'
ERICSSON RBS 2206

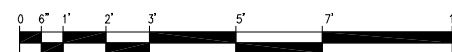
② RBS DETAIL
1/2"=1'
ERICSSON RBS 3206

③ BBS CABINET DETAIL
1/2"=1'
4500 BBS CABINET



EQUIPMENT PLAN

1/2"=1'



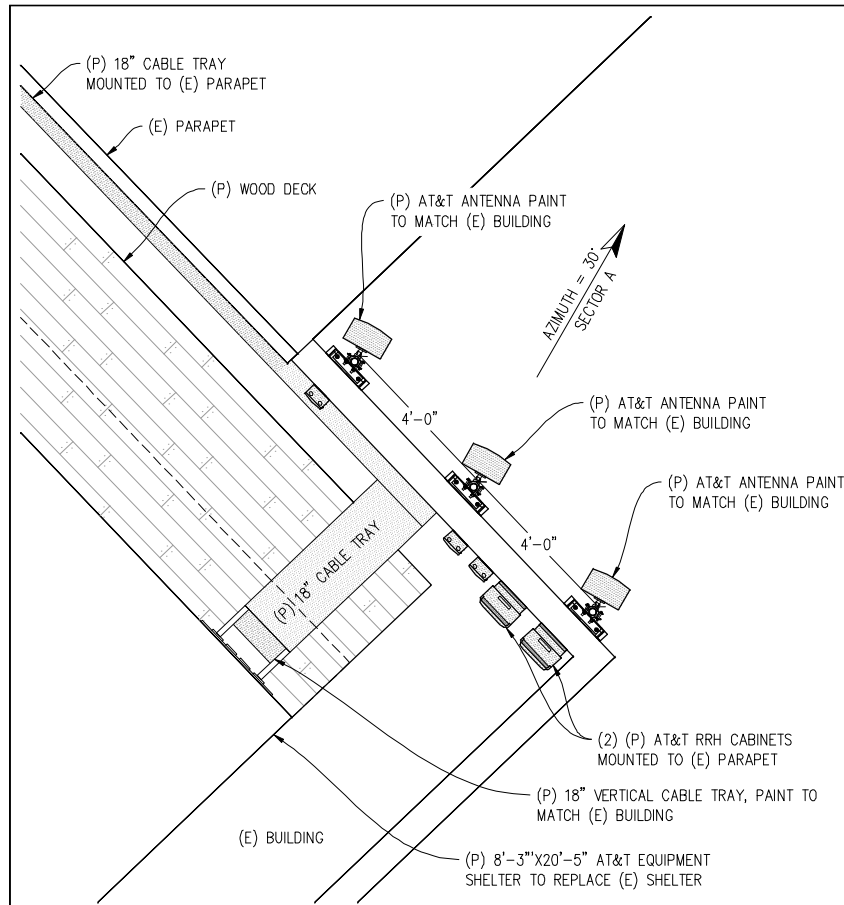
430 BUSH ST, 5TH FLOOR
SAN FRANCISCO, CA 94108

SHEET TITLE:

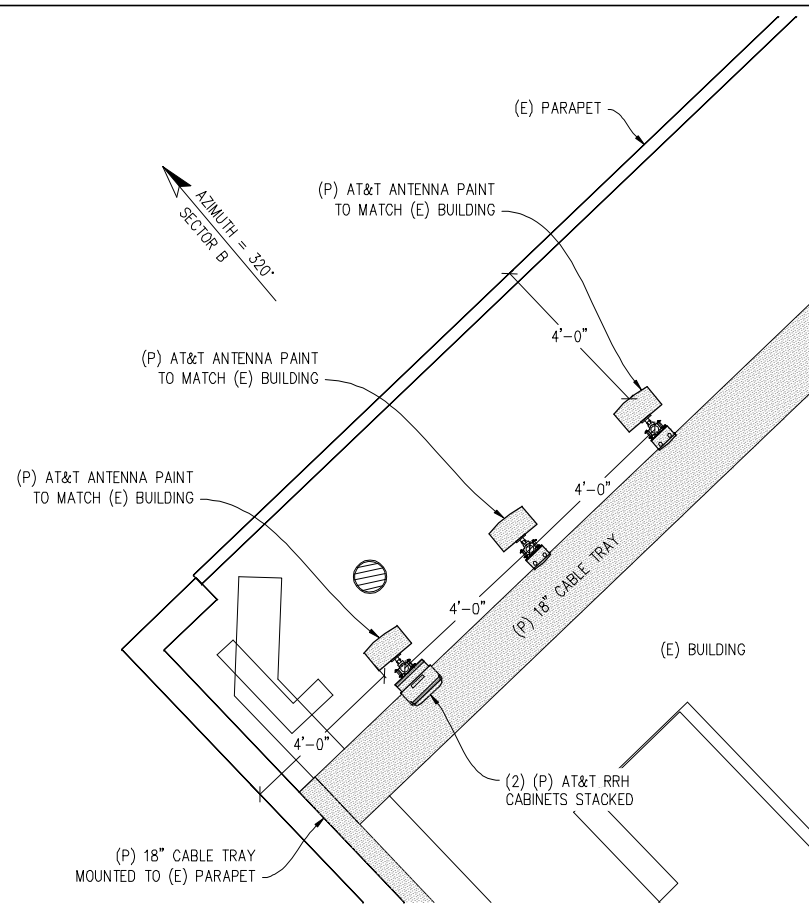
EQUIPMENT PLAN & DETAILS

SHEET NUMBER:

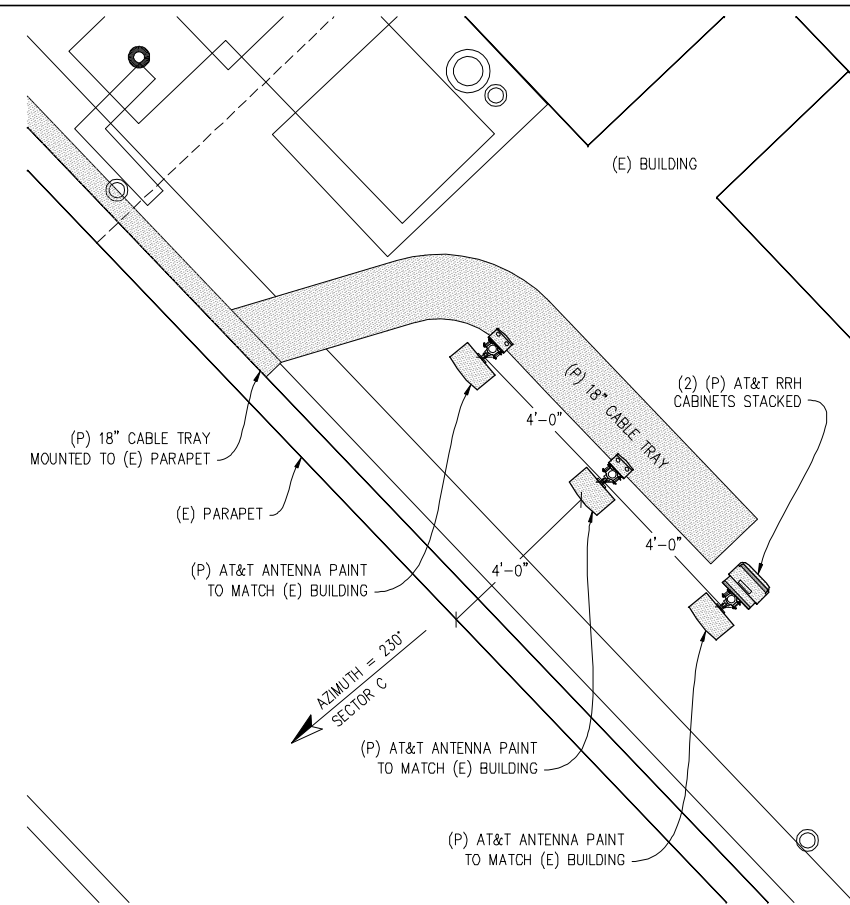
A-3



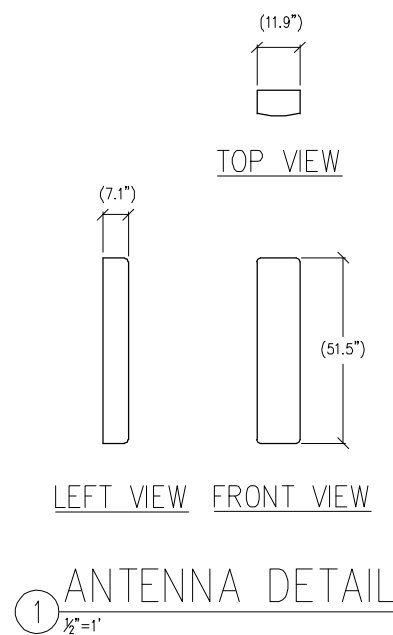
ANTENNA PLAN SECTOR A
1/2"=1'



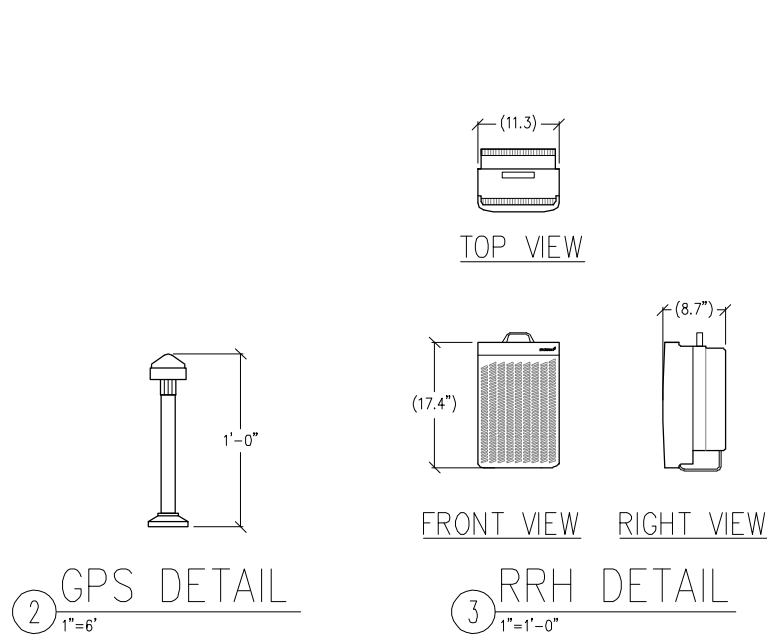
ANTENNA PLAN SECTOR B
1/2"=1'



ANTENNA PLAN SECTOR C
1/2"=1'



1 ANTENNA DETAIL
1/2"=1'



2 GPS DETAIL
1"=6'

3 RRH DETAIL
1"=1'-0"

SAILOR'S UNION

CC2362
450 HARRISON ST
SAN FRANCISCO, CA 94105

ISSUE STATUS

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	12/08/10	CLIENT REV	C.C.
	-	-	-
	-	-	-

DRAWN BY: J. BURRELL
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DATE: 12/08/10

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

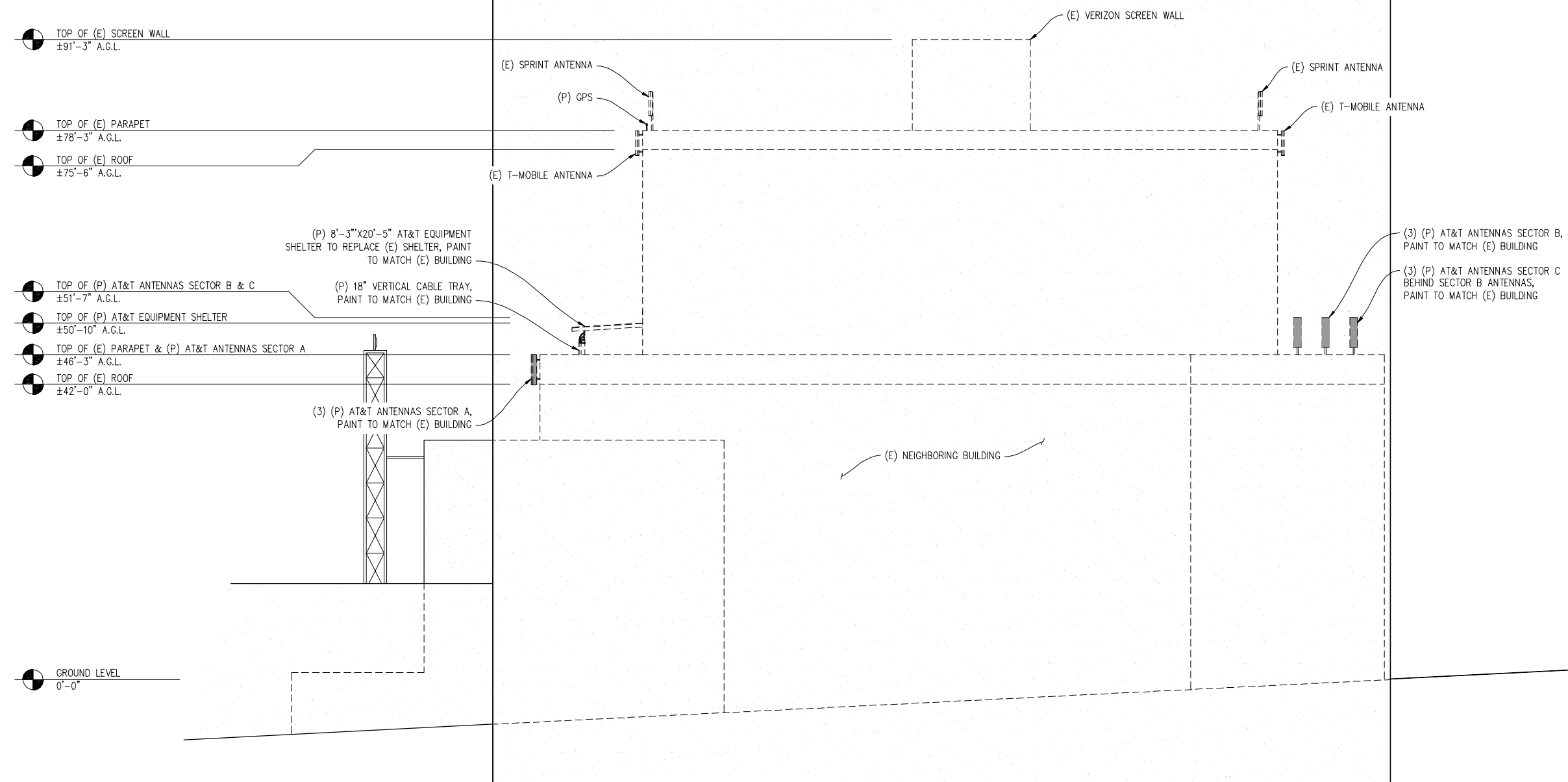
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NORTHWEST ELEVATION
1/8"=1'
VIEW FROM FOLSOM ST

at&t

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

SHEET TITLE:
ELEVATION
SHEET NUMBER:
A-5

SAILOR'S UNION

CC2362
450 HARRISON ST
SAN FRANCISCO, CA 94105

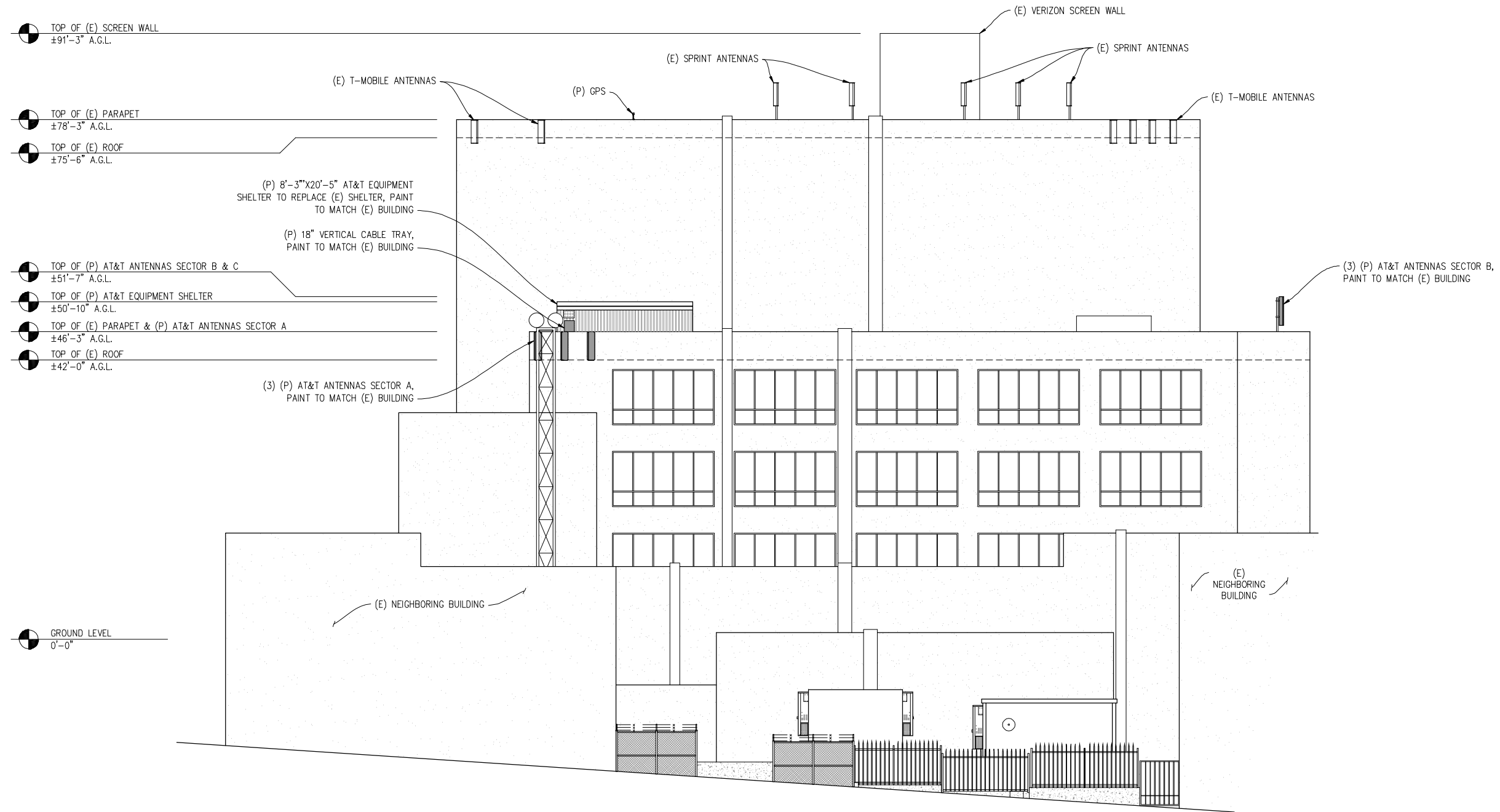
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NORTHEAST ELEVATION

1/8" = 1'

VIEW FROM FREMONT ST



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

SHEET TITLE:

ELEVATION

SHEET NUMBER:

A-6

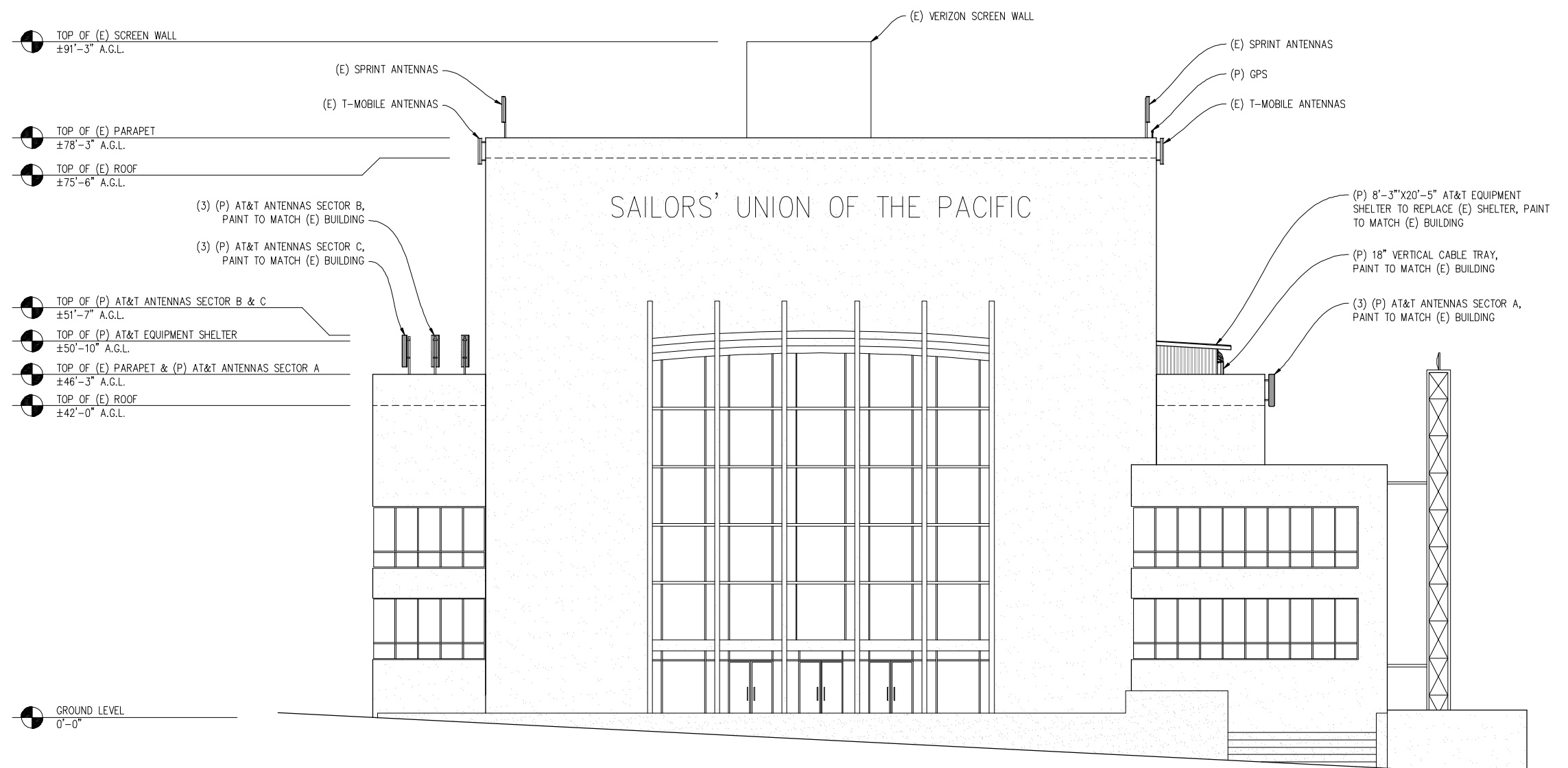
SAILOR'S UNION

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450 HARRISON ST
SAN FRANCISCO, CA 94105

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	-	-	-
	-	-	-

DRAWN BY: J. BURRELL
CHECKED BY: C. MATHISEN
APPROVED BY: -
DATE: 12/08/10



TOP OF (E) SCREEN WALL
±91'-3" A.G.L.

TOP OF (E) PARAPET
±78'-3" A.G.L.

TOP OF (E) ROOF
±75'-6" A.G.L.

(3) (P) AT&T ANTENNAS SECTOR B,
PAINT TO MATCH (E) BUILDING

(3) (P) AT&T ANTENNAS SECTOR C,
PAINT TO MATCH (E) BUILDING

TOP OF (P) AT&T ANTENNAS SECTOR B & C
±51'-7" A.G.L.

TOP OF (P) AT&T EQUIPMENT SHELTER
±50'-10" A.G.L.

TOP OF (E) PARAPET & (P) AT&T ANTENNAS SECTOR A
±46'-3" A.G.L.

TOP OF (E) ROOF
±42'-0" A.G.L.

GROUND LEVEL
0'-0"

SAILORS' UNION OF THE PACIFIC

SOUTHEAST ELEVATION

1/8"=1'

VIEW FROM HARRISON ST

Streamline Engineering and Design, Inc.
3288 Penryn Rd, Suite 200 Loomis, CA 95660
Contact: Larry Houghtby Phone: 916-275-4180
E-Mail: larry@streamlineeng.com Fax: 916-660-1941

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

SHEET TITLE:

ELEVATION

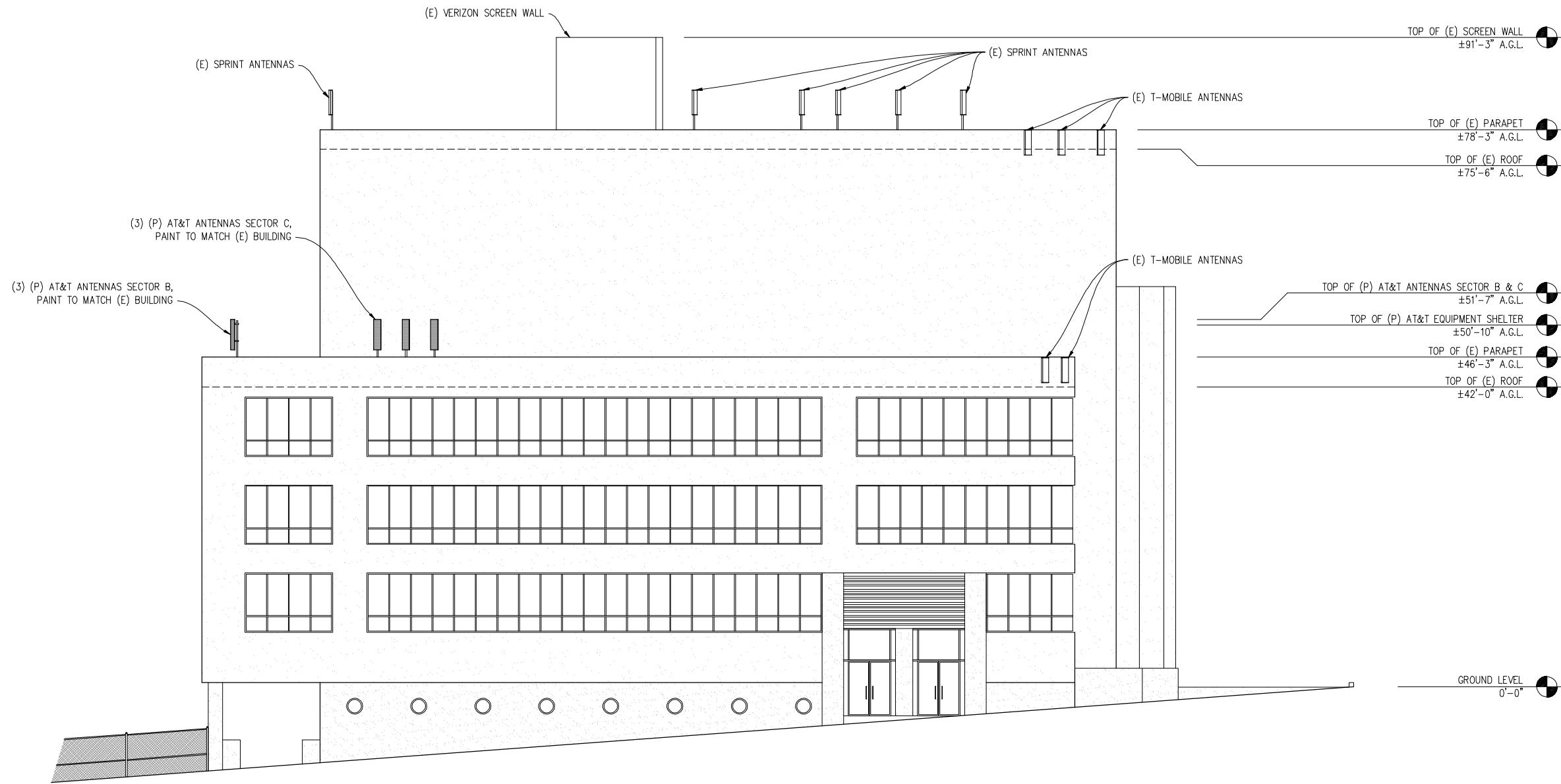
SHEET NUMBER:

A-7

ISSUE STATUS

Δ	DATE	DESCRIPTION	BY
	07/27/10	ZD 90%	J.B.
	10/22/10	ZD 100%	C.C.
	12/08/10	CLIENT REV	C.C.
	-	-	-
	-	-	-
	-	-	-

DRAWN BY: J. BURRELL
CHECKED BY: C. MATHISEN
APPROVED BY: -
DATE: 12/08/10



SOUTHWEST ELEVATION

1/8"=1'

VIEW FROM 1ST ST

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SHEET TITLE:
ELEVATION

SHEET NUMBER:
A-8