



SAN FRANCISCO PLANNING DEPARTMENT

Executive Summary Conditional Use Authorization

HEARING DATE: 09/13/2018

Record No.: **2016-015675CUA**
Project Address: **2990 24TH ST**
Zoning: NCT (24th-Mission Neighborhood Commercial Transit District)
55-X Height and Bulk District
Calle 24 SUD
Block/Lot: 4206/040
Applicant: Misako Hill
5001 Executive Parkway, 4w550h
San Ramon, Ca 94583
Staff Contact: Ashley Lindsay – (415) 575-9178
ashley.lindsay@sfgov.org
Recommendation: **Approval with Conditions**

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PROJECT DESCRIPTION

The Project consists of installing a new AT&T wireless telecommunications facility consisting of (2) new FRP enclosures; (9) new antennas; (24) new RRHs; (1) GPS antenna; ancillary equipment; and (1) equipment room within the existing building as part of the AT&T Mobility Telecommunications Network.

REQUIRED COMMISSION ACTION

In order for the Project to proceed, the Commission must grant a Conditional Use Authorization for a wireless telecommunications facility pursuant to Planning Code Section 303(c) and 763 to allow installation of a macro wireless facility in an NCT Zoning District.

ISSUES AND OTHER CONSIDERATIONS

- **Public Comment & Outreach.** AT&T representatives held a community meeting on Wednesday, November 30, 2016 at the Parque Ninos Unidos Clubhouse, located at the intersection of 23rd and Folsom Streets. Approximately 15 community members, including Calle 24 representatives who indicated opposition to AT&T's proposed facility. AT&T representatives presented the design, addressed the coverage gap objective, and clarified conditional use process requirements. The Department has not received correspondence regarding the proposed project.
- **Design Review Comments:** The project has changed in the following significant ways since the original submittal to the Department:

- Significantly setback antennas from building edge to reduce bulk and visibility of wireless structures from public views.

BASIS FOR RECOMMENDATION

The Department finds that the Project is, on balance, consistent with the Wireless Telecommunications Services Facilities Siting Guidelines and the Objectives and Policies of the General Plan. The proposed facility would be screened from view by virtue of proposed enclosures and their placement on the rooftop of the Project site. The proposal would not significantly detract from views of the Subject building or from view of other surrounding buildings, nor would it detract from adjacent streetscapes, and vistas. The Department also finds the project to be necessary, desirable, and compatible with the surrounding neighborhood, and not to be detrimental to persons or adjacent properties in the vicinity.

ATTACHMENTS:

Draft Motion – Conditional Use Authorization
Exhibit A – Conditions of Approval
Exhibit B – Plans and Renderings
Exhibit C – Environmental Determination
Exhibit D – Maps and Context Photos
Exhibit E – Community Outreach Summary
Exhibit F – Radio Frequency Report
Exhibit G – Department of Public Health Approval
Exhibit H – Coverage Maps
Exhibit I – Independent Evaluation
Exhibit J – Alternatives Site Analysis



SAN FRANCISCO PLANNING DEPARTMENT

Planning Commission Draft Motion

HEARING DATE: SEPTEMBER 13, 2018

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55-X Height and Bulk District
Calle 24 SUD
Block/Lot: 4206/040
Project Sponsor: Misako Hill
5001 Executive Parkway. 4W5501
San Ramon, CA 94583
Property Owner: Alan P McCarthy Living Trust 2015
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Staff Contact: Ashley Lindsay – (415) 575-9178
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ADOPTING FINDINGS RELATING TO A CONDITIONAL USE AUTHORIZATION PURSUANT TO PLANNING CODE SECTION 303(c) AND 763, TO INSTALL A NEW ROOFTOP AT&T MOBILITY MACRO WIRELESS TELECOMMUNICATIONS FACILITY CONSISTING OF (2) NEW FRP ENCLUSRES; (9) NEW ANTENNAS; (24) NEW RRHS; (1) GPS ANTENNA; ANCILLARY EQUIPMENT; AND (1) EQUIPMENT ROOM WITHIN THE EXISTING BUILDING AS PART OF THE AT&T MOBILITY TELECOMMUNICATIONS NETWORK. THE SUBJECT PROPERTY IS LOCATED AT 2990 24TH STREET, LOTS 040 IN ASSESSOR'S BLOCK 4206, WITHIN THE NCT (24TH-MISSION NEIGHBORHOOD COMMERCIAL TRANSIT) ZONING DISTRICT AND 55-X HEIGHT AND BULK DISTRICT, AND ADOPTING FINDINGS UNDER THE CALIFORNIA ENVIRONMENTAL QUALITY ACT.

PREAMBLE

On July 11, 2018, Misako Hill of J5 Infrastructure Partners for AT&T Mobility (hereinafter "Project Sponsor") filed Application No. 2016-015675CUA (hereinafter "Application") with the Planning Department (hereinafter "Department") for a Conditional Use Authorization to construct a new AT&T Mobility Wireless Telecommunications Facility (hereinafter "Project") at 2990 24th Street, Block 4206 Lots 040 (hereinafter "Project Site").

On September 13, 2018, the San Francisco Planning Commission (hereinafter "Commission") conducted a duly noticed public hearing at a regularly scheduled meeting on Conditional Use Authorization Application No. 2016-015675CUA .

On June 21, 2018 the Project was determined to be exempt from the California Environmental Quality Act ("CEQA") as a Class 3 Categorical Exemption under CEQA as described in the determination contained in the Planning Department files for this Project.

The Planning Department Commission Secretary is the custodian of records; the File for Record No. 2016-015675CUA is located at 1650 Mission Street, Suite 400, San Francisco, California.

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 Authorization as requested in Application No. 2016-015675CUA, 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. **Project Description.** The proposal is to install a new rooftop AT&T Mobility Macro Wireless Telecommunications Facility consisting of (2) new FRP enclosures; (9) new antennas; (24) new RRHs; (1) GPS antenna; ancillary equipment; and (1) equipment room within the existing building as part of the AT&T Mobility Telecommunications Network.
3. **Site Description and Present Use.** The Project is located on one lot (with a lot area of approximately 2,600 square feet), which has approximately 25-ft of frontage along 24th Street and 105-ft of frontage along Harrison Street. Currently, the existing building is occupied by Son's Addition, a neighborhood eatery on the ground floor and apartment units on the second and third floor.
4. **Surrounding Properties and Neighborhood.** The Project Site is located within the NCT Zoning Districts. The immediate context is mixed in character with residential, and commercial uses. The immediate neighborhood includes two-to-three-story residential development to the north, a series of restaurants and commercial services to the east, south and west. The project site is located within the boundaries of the Calle 24 Special Use District, which was established as part of the interim controls by the Board of Supervisors per Ordinance No. 133-15, and the Calle 24 Latino Cultural District, which was established by Board of Supervisors Resolution, File No. 140421 in May 2014. Other zoning districts in the vicinity of the project site include the RH-2 Zoning District.

5. **Public Outreach and Comments.** AT&T representatives held a community meeting on Wednesday, November 30, 2016 at the Parque Ninos Unidos Clubhouse, located at the intersection of 23rd and Folsom Streets. Approximately 15 community members, including Calle 24 representatives who indicated opposition to AT&T's proposed facility. AT&T representatives presented the design, addressed the coverage gap objective, and clarified conditional use process requirements. The Department has not received correspondence regarding the proposed project.
6. **Past History and Actions.** The Planning Commission adopted the *Wireless Telecommunications Services (WTS) Facilities Siting Guidelines* ("Guidelines") for the installation of wireless telecommunications facilities in 1996. These Guidelines set forth the land use policies and practices that guide the installation and approval of wireless facilities throughout San Francisco. A large portion of the Guidelines was dedicated to establishing location preferences for these installations. The Board of Supervisors, in Resolution No. 635-96, provided input as to where wireless facilities should be located within San Francisco. The Guidelines were updated by the Commission in 2003 and again in 2012, requiring community outreach, notification, and detailed information about the facilities to be installed.

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

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

Section 8.1 of the WTS Siting Guidelines further stipulates that the Planning Commission will not approve WTS applications for Preference 5 or below Location Sites unless the application describes (a) what publicly-used building, co-location site or other Preferred Location Sites are located within the geographic service area; (b) what good faith efforts and measures were taken to secure these more Preferred Locations, (c) explains why such efforts were unsuccessful; and (d) demonstrates that the location for the site is essential to meet demands in the geographic service area and the Applicant's citywide networks.

Before the Planning Commission can review an application to install a wireless facility, the Project Sponsor must submit a five-year facilities plan, which must be updated biannually, an emissions report and approval by the Department of Public Health, Section 106 Declaration of

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

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

7. **Location Preference.** The *WTS Facilities Siting Guidelines* identify different types of zoning districts and building uses for the siting of wireless telecommunications facilities. Based on the zoning and land use, the proposed WTS facility is at a Location Preference 5 Site (Mixed Use Buildings in High Density Districts) according to the WTS Facilities Siting Guidelines, making it a desired location.
8. **Radio Waves Range.** The Project Sponsor has stated that the proposed wireless network is designed to address coverage and capacity needs in the area. The network will operate in the 2300, 2100, 1950, 870, and 700 (MHZ) bands, which are regulated by the Federal Communications Commission (FCC) and must comply with the FCC-adopted health and safety standards for electromagnetic radiation and radio frequency radiation.
9. **Radiofrequency (RF) Emissions:** The Project Sponsor retained Hammett & Edison, Inc., Consulting Engineers, a radio engineering consulting firm, to prepare a report describing the expected RF emissions from the proposed facility. Pursuant to the Guidelines, the Department of Public Health reviewed the report and determined that the proposed facility complies with the standards set forth in the Guidelines.
10. **Department of Public Health Review and Approval.** The Project was referred to the Department of Public Health (DPH) for emissions exposure analysis. Radio-Frequency (RF) levels from the proposed AT&T Mobility transmitters at any nearby publicly accessible building or area would 50% of the FCC public exposure limit.

There are no antennas at the site presently, existing RF levels for a person on the roof near the proposed antenna locations are presumed to be well below the applicable public exposure limit. There were observed no other antennas within 100 feet of this site. AT&T proposes to install nine (9) panel antennas. The antennas would be mounted behind view screens to be constructed on the penthouse at the north side of the building at an effective height of about 39.5 feet above ground, 6 feet above the roof. For a person anywhere at ground, the maximum FR exposure level due to the proposed AT&T operation is calculated to be .24 mW/cm², which is 25% of the applicable public exposure limit. Cumulative RF levels at ground level near the site are therefore estimated to be less than 27% of the applicable public limit. The three dimensional perimeter of RF levels equal to the public and occupational exposure limits are calculated to extend up to 91 and 37 feet from the antenna faces, respectively, and to much lesser distances above, below, and to the sides; this does not reach any publicly accessible areas. Barricades should be erected to preclude inadvertent access by unauthorized persons to areas in front of the antennas. It is

recommended that “worker Notification Areas” be marked with yellow paint stripes and that “Prohibited Access Areas” be marked with red paint stripes on the roof of the building to identify areas within which exposure levels are calculated to exceed the FCC public and occupational limits, respectively. Warning signs must be posted at the roof access door, on the barricades, and on the screens in front of the antennas in English, Spanish and Chinese. Workers should not have access to within 37 feet of the front of the antennas while they are in operation.

11. **Coverage and Capacity Verification.** The maps, data, and conclusion provided by AT&T Mobility to demonstrate the need for outdoor and indoor coverage and capacity have been determined by Hammett & Edison, an engineering consultant and independent third party, to accurately represent the carrier’s present and post-installation conclusions.
12. **Maintenance Schedule.** The facility would operate without on-site staff but with a maintenance crew visiting the property to service and monitor the facility.
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 Section 763, a Conditional Use Authorization is required for a macro WTS facility (Utility and Infrastructure Use).
14. **Conditional Use Findings.** Planning Code Section 303 establishes criteria for the Planning Commission to consider when reviewing applications for Conditional Use authorization. On balance, the project complies 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.

The Project at 2990 24th Street is 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 neighborhood. The overall location, setback from public streets, height and design of the proposed facility, including visible screening elements is situated so as to avoid intrusion into public vistas, and to insure harmony with the existing neighborhood character and promote public safety.

The Project is necessary in order to achieve sufficient indoor and outdoor 4G LTE mobile phone coverage and data capacity. Recent drive tests in the subject area conducted by the AT&T Mobility Radio Frequency Engineering Team provide that the Project Site is a preferable 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:

- (1) Nature of proposed site, including its size and shape, and the proposed size, shape and arrangement of structures;

The Project will not significantly alter the existing appearance or character of the project vicinity. The proposed work will not affect the building envelope.

- (2) 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;

The Planning Code does not require parking or loading for a telecommunications wireless facility. The proposed use is designed to meet the needs of the immediate neighborhood and should not generate significant amounts of vehicular trips from the immediate neighborhood or citywide.

- (3) 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.

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

The facility will not affect landscaping, open space, required parking, lighting or signage at the Project Site or surrounding area.

- 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 consistent with the stated purposes of NCT Districts in that the Facility will be consistent with the existing scale and character of the area.

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

HOUSING ELEMENT

Objectives and Policies

OBJECTIVE 12:

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

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 within the Mission neighborhood.

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 1.1:

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

Policy 1.2:

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

The Project will 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 2.1:

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

Policy 2.3:

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

The Site will be 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 4.1:

Maintain and enhance a favorable business climate in the City.

Policy 4.2:

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

The Project will 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:

ESTABLISH STRATEGIES TO ADDRESS THE IMMEDIATE EFFECTS OF A DISASTER.

Policy 1.20

Increase communication capabilities in preparation for all phases of a disaster and ensure communication abilities extend to hard-to-reach areas and special populations.

Policy 2.4

Bolster the Department of Emergency Management's role as the City's provider of emergency planning and communication, and prioritize its actions to meet the needs of San Francisco.

Policy 2.15

Utilize advancing technology to enhance communication capabilities in preparation for all phases of a disaster, particularly in the high-contact period immediately following a disaster.

Policy 3.7:

Develop a system to convey personalized information during and immediately after a disaster.

The Project will 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 complies 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.

The wireless communications network will enhance personal communication services for businesses and customers in the surrounding area.

- 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 will 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 will have no adverse effect 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 will not be significantly impeded and neighborhood parking will 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 will not cause any 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.

The Project will be designed and will be constructed to conform to the structural and seismic safety requirements of the Building Code. This proposal will not impact the property's ability to withstand an earthquake.

- G. That landmarks and historic buildings be preserved.

Currently, the Project Site does not contain any City Landmarks or historic buildings.

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

The Project will not adversely affect parks or open space, nor their access to sunlight or public 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 Conditional Use Authorization would promote the health, safety and welfare of the City.

DECISION

That based upon the Record, the submissions by the Applicant, the staff of the Department and other interested parties, the oral testimony presented to this Commission at the public hearings, and all other written materials submitted by all parties, the Commission hereby **APPROVES Conditional Use Authorization Application No. 2016-015675CUA** subject to the following conditions attached hereto as "EXHIBIT A" in general conformance with plans on file, dated May 15, 2018, and stamped "EXHIBIT B", which is incorporated herein by reference as though fully set forth.

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. 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.

Protest of Fee or Exaction: You may protest any fee or exaction subject to Government Code Section 66000 that is imposed as a condition of approval by following the procedures set forth in Government Code Section 66020. The protest must satisfy the requirements of Government Code Section 66020(a) and must be filed within 90 days of the date of the first approval or conditional approval of the development referencing the challenged fee or exaction. For purposes of Government Code Section 66020, the date of imposition of the fee shall be the date of the earliest discretionary approval by the City of the subject development.

If the City has not previously given Notice of an earlier discretionary approval of the project, the Planning Commission's adoption of this Motion, Resolution, Discretionary Review Action or the Zoning Administrator's Variance Decision Letter constitutes the approval or conditional approval of the development and the City hereby gives **NOTICE** that the 90-day protest period under Government Code Section 66020 has begun. If the City has already given Notice that the 90-day approval period has begun for the subject development, then this document does not re-commence the 90-day approval period.

I hereby certify that the Planning Commission ADOPTED the foregoing Motion on September 13, 2018.

Jonas P. Ionin
Commission Secretary

AYES:

NAYS:

ABSENT:
SAN FRANCISCO
PLANNING DEPARTMENT

Draft Motion
September 13, 2018

RECORD NO. 2016-015675CUA
2990 24th Street

ADOPTED: September 13, 2018

EXHIBIT A

AUTHORIZATION

This authorization is for a conditional use to allow a telecommunications facility] located at 2990 24th Street, Block 4206, and Lot 040 pursuant to Planning Code Section(s) **303(c) and 763** within the **NCT** District and a **55-X** Height and Bulk District; in general conformance with plans, dated **May 15, 2018**, and stamped “EXHIBIT B” included in the docket for Record No. **2016-015675CUA** and subject to conditions of approval reviewed and approved by the Commission on **September 13, 2018** under Motion No **XXXXXX**. This authorization and the conditions contained herein run with the property and not with a particular Project Sponsor, business, or operator.

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 **September 13, 2018** under Motion No **XXXXXX**.

PRINTING OF CONDITIONS OF APPROVAL ON PLANS

The conditions of approval under the 'Exhibit A' of this Planning Commission Motion No. **XXXXXX** 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.** The authorization and right vested by virtue of this action is valid for three (3) years from the effective date of the Motion. The Department of Building Inspection shall have issued a Building Permit or Site Permit to construct the project and/or commence the approved use within this three-year period.
For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, www.sf-planning.org
2. **Expiration and Renewal.** Should a Building or Site Permit be sought after the three (3) year period has lapsed, the project sponsor must seek a renewal of this Authorization by filing an application for an amendment to the original Authorization or a new application for Authorization. Should the project sponsor decline to so file, and decline to withdraw the permit application, the Commission shall conduct a public hearing in order to consider the revocation of the Authorization. Should the Commission not revoke the Authorization following the closure of the public hearing, the Commission shall determine the extension of time for the continued validity of the Authorization.
For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, www.sf-planning.org
3. **Diligent pursuit.** 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. Failure to do so shall be grounds for the Commission to consider revoking the approval if more than three (3) years have passed since this Authorization was approved.
For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, www.sf-planning.org
4. **Extension.** All time limits in the preceding three paragraphs may be extended at the discretion of the Zoning Administrator where implementation of the project is delayed by a public agency, an appeal or a legal challenge and only by the length of time for which such public agency, appeal or challenge has caused delay.
For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, www.sf-planning.org
5. **Conformity with Current Law.** No application for Building Permit, Site Permit, or other entitlement shall be approved unless it complies with all applicable provisions of City Codes in effect at the time of such approval.
For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, www.sf-planning.org

DESIGN – COMPLIANCE AT PLAN STAGE

6. **Final Materials.** The Project Sponsor shall continue to work with Planning Department on the building design. Final materials, glazing, color, texture, landscaping, and detailing shall be subject to Department staff review and approval. The architectural addenda shall be reviewed and approved by the Planning Department prior to issuance.

For information about compliance, contact the Case Planner, Planning Department at 415-558-6378, www.sf-planning.org

7. **Rooftop Mechanical Equipment.** Pursuant to Planning Code 141, the Project Sponsor shall submit a roof plan to the Planning Department prior to Planning approval of the building permit application. Rooftop mechanical equipment, if any is proposed as part of the Project, is required to be screened so as not to be visible from any point at or below the roof level of the subject building.

For information about compliance, contact the Case Planner, Planning Department at 415-558-6378, www.sf-planning.org

8. **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 415-558-6378, www.sf-planning.org

9. **Screening - WTS.** To the extent necessary to ensure compliance with adopted FCC regulations regarding human exposure to RF emissions, and upon the recommendation of the Zoning Administrator, the Project Sponsor shall:

- A. Modify the placement of the facilities;
- B. Install fencing, barriers or other appropriate structures or devices to restrict access to the facilities;

- C. Install multi-lingual signage, including the RF radiation hazard warning symbol identified in ANSI C95.2 1982, to notify persons that the facility could cause exposure to RF emissions;
- D. Implement any other practice reasonably necessary to ensure that the facility is operated in compliance with adopted FCC RF emission standards.
- E. To the extent necessary to minimize visual obtrusion and clutter, installations shall conform to the following standards:
- F. Antennas and back up equipment shall be painted, fenced, landscaped or otherwise treated architecturally so as to minimize visual effects;
- G. Rooftop installations shall be setback such that back up facilities are not viewed from the street;
- H. Antennae attached to building facades shall be so placed, screened or otherwise treated to minimize any negative visual impact; and
- I. Although co location of various companies' facilities may be desirable, a maximum number of antennas and back up facilities on the Project Site shall be established, on a case by case basis, such that "antennae farms" or similar visual intrusions for the site and area is not created.

For information about compliance, contact the Case Planner, Planning Department at 415-558-6378, www.sf-planning.org

MONITORING - AFTER ENTITLEMENT

10. **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*

11. **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

12. **Implementation Costs - WTS.** 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.

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.

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

13. **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

14. **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.
 - E. Notification and Testing. The Project Implementation Report shall set forth the testing and measurements undertaken pursuant to Conditions 2 and 4.

- F. 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

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

For information about compliance, contact the Case Planner, Planning Department at 415-575-9079, www.sf-planning.org.

16. **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

17. **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

18. **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

19. **Community Liaison.** Prior to issuance of a building permit 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 and all registered neighborhood groups for the area with written notice of the name, business address, and telephone number of the community liaison. Should the contact information change, the Zoning Administrator and registered neighborhood groups 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

20. **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

21. **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

22. **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

23. **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

24. **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>

EXHIBIT B


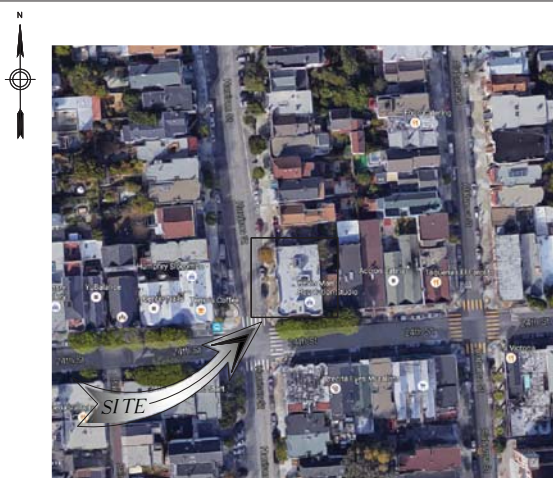



at&t
Mobility


FA#: 12922722
PTN#: 3701A069CL
USID: 161356

SITE NUMBER: CCU5582
SEARCH RING NAME: CESAR CHAVEZ
SITE NAME: USULTAN RESTAURANTE

2990 24TH STREET
SAN FRANCISCO, CA 94110
JURISDICTION: CITY OF SAN FRANCISCO
SITE TYPE: ROOFTOP/INDOOR EQUIP. ROOM


PROJECT DESCRIPTION	PROJECT INFORMATION		PROJECT TEAM		SHEET INDEX		REV																											
INSTALLATION OF A NEW SITE BUILD, UNMANNED TELECOMMUNICATIONS FACILITY, CONSISTING OF THE FOLLOWING: AT&T WIRELESS PROJECT SCOPE WILL CONSIST OF THE FOLLOWING: <ul style="list-style-type: none">INSTALL (2) PROPOSED AT&T FRP ENCLOSURE ON EXISTING ROOFTOP PAINTED TO MATCH EXISTING BUILDINGINSTALL (1) PROPOSED AT&T (12'-0"x7'-8"x8'-0"x8'-8" - 76.65 S.F.) EQUIPMENT ROOM WITHIN EXISTING BUILDING FOR PROPOSED AT&T EQUIPMENTINSTALL (9) PROPOSED AT&T 4'-0" PANEL ANTENNASINSTALL (12) PROPOSED AT&T RRH-32'sINSTALL (12) PROPOSED AT&T RRH-11'sINSTALL (4) PROPOSED AT&T DC-6 BOX'S @ ANTENNA LOCATIONINSTALL (2) FIF EQUIPMENT RACKSINSTALL (1) DC POWER PLANT RACKINSTALL (3) PROPOSED AT&T DC12 SURGE SUPPRESSION @ EQUIPMENT LOCATIONINSTALL (1) PROPOSED AC PANELINSTALL (1) PROPOSED AT&T GPS UNITINSTALL(1) PROPOSED AT&T FIBER DISTRIBUTION BOXINSTALL (1) PROPOSED HOFFMAN BOXINSTALL PROPOSED AT&T HYBRID CABLES, POWER, AND FIBER CABLES IN CONDUITS & TRAYS PAINTED TO MATCH EXISTING BUILDINGINSTALL (1) MANUAL TRANSFER SWITCH (MTS)INSTALL (1) CAMLOK GENERATOR PLUGINSTALL (1) FUSED DISCONNECT SWITCHINSTALL (2) A/C CONDENSERS ON EXISTING BUILDING ROOFTOP	Property Information: Site Name: USULTAN RESTAURANTE Site Number: CCU5582 Site Address: 2990 24TH STREET SAN FRANCISCO, CA 94110 A.P.N. Number: 4206-040 & 4206-039 Current Zoning: NCT - 24th MISSION NEIGHBORHOOD COMMERCIAL TRANSIT Current Use: MIXED-USE BUILDING Proposed Use: MIXED-USE BUILDING, COMMUNICATIONS FACILITY Jurisdiction: CITY OF SAN FRANCISCO Latitude (NAD 83): 37.752917 37° 45' 10.50" N Longitude (NAD 83): -122.411703 122° 24' 42.13" W Ground Elevation: 52.7' AMSL (NAVD 88)	Property Owner: ALAN MCCARTHY P.O. BOX 410454 SAN FRANCISCO, CA 94141 Power Agency: PG&E ph: (408) 261-5373 Telephone Agency: AT&T RFDS VERSION: 01.00 DATE: 05/30/2017	Applicant / Lessee: TAYIIKA (TY) LOGAN-BURKS AT&T TECHNOLOGY OPERATIONS 5001 Executive Parkway, 4W550E San Ramon, CA 94583 email: tl784a@att.com cell: (925) 549-4671 Construction Mgr.: ERICSSON contact: TIM LENCIONI 6140 STONERIDGE MALL ROAD, STE 350 PLEASANTON, CA 94588 tim.lencioni@ericsson.com ph: (916) 437-9119 Site Acquisition: J5 INFRASTRUCTURE PARTNERS contact: MICHAEL GUIGLOTTO email: mguiglotto@J5IP.com phone: (415) 225-6667	Architect / Engineer: J5 INFRASTRUCTURE PARTNERS contact: DANIEL DEWITTE email: ddewitte@j5ip.com ph: (949) 247-7767 x 109 Zoning Mgr.: J5 INFRASTRUCTURE PARTNERS contact: MISAKO HILL email: mhill@j5ip.com cell: (415) 533-2540 RF Engineer: AT&T MOBILITY contact: ALEXANDER KERRIGAN email: ak440b@att.com ph: (415) 229-9201	T-1 GN-1 GN-2 GN-3 GN-4 GN-5 GN-6 LS-1 A-1 A-2 A-2.1 A-3 A-4 A-4.1 A-4.2 A-5	TITLE SHEET GENERAL NOTES SITE SIGNAGE MATERIAL SAFETY DATA SHEET & LEAD ACID BATTERY - 1 MATERIAL SAFETY DATA SHEET & LEAD ACID BATTERY - 2 PHOTOSIMS & EME REPORT SF DPH APPROVAL LETTER TOPOGRAPHIC SURVEY OVERALL SITE PLAN EXISTING ENLARGED SITE PLAN PROPOSED ENLARGED SITE PLAN PROPOSED EQUIPMENT LAYOUT PROPOSED ANTENNA PLAN EXISTING AND PROPOSED WEST ELEVATIONS EXISTING AND PROPOSED NORTH ELEVATIONS DETAILS	11 11 11 11 11 11 1 11 11 11 11 11 11 11 11 11																											
	VICINITY MAP		VICINITY MAP - ZOOMED		DIRECTIONS FROM AT&T																													
	CODE COMPLIANCE					DIRECTIONS FROM AT&T's OFFICE AT 5001 EXECUTIVE PARKWAY, SAN RAMON, CA 1. HEAD NORTHEAST ON BISHOP DR. TOWARD SUNSET DR. 2. TURN RIGHT ONTO SUNSET DR. 3. USE THE RIGHT 2 LANES TO TURN RIGHT ONTO BOLLINGER CANYON RD. 4. USE THE RIGHT 2 LANES TO MERGE ONTO I-680 N VIA THE RAMP TO SACRAMENTO. 5. MERGE ONTO I-680 N. 6. USE THE RIGHT 2 LANES TO TAKE EXIT 46A FOR STATE ROUTE 24 TOWARD OAKLAND/LAFAYETTE. 7. CONTINUE ONTO CA-24 W. 8. KEEP LEFT AT THE FORK TO STAY ON CA-24 W. 9. USE THE RIGHT 2 LANES TO TAKE EXIT 2B FOR INTERSTATE 580 W. 10. USE THE LEFT LANE TO MERGE ONTO I-580 W. 11. USE THE LEFT 4 LANES TO TAKE EXIT 19A TO MERGE ONTO I-80 W TOWARD SAN FRANCISCO. 12. KEEP LEFT, FOLLOW SIGNS FOR SAN JOSE/U.S. 101 S/AIRPORT. 13. MERGE ONTO US-101 S. 14. TAKE EXIT 432 FOR C. CHAVEX ST./POTRERO AVE. 15. KEEP RIGHT AT THE FORK, FOLLOW SIGNS FOR C CHAVEZ ST. W/POTRERO AVE. 16. KEEP LEFT, FOLLOW SIGNS FOR CESAR CHAVEZ ST. W AND MERGE ONTO CESAR CHAVEZ ST. 17. TURN RIGHT ONTO HARRISON ST. 18. DESTINATION WILL BE ON THE RIGHT.																												
ALL WORK AND MATERIALS SHALL BE PERFORMED AND 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) 2016 CALIFORNIA ADMINISTRATIVE CODE, CHAPTER 10, PART 1, TITLE 24 CODE OF REGULATIONS 2) 2016 CALIFORNIA BUILDING CODE (CBC) WITH CALIFORNIA AMENDMENTS, BASED ON THE 2012 IBC (PART 2, VOL 1-2) 3) 2016 CALIFORNIA RESIDENTIAL CODE (CRC) WITH APPENDIX H, PATIO COVERS, BASED ON THE 2012 IRC (PART 2.5) 4) 2016 CALIFORNIA GREEN BUILDINGS STANDARDS CODE (CALGREEN) (PART 11) (AFFECTED ENERGY PROVISIONS ONLY) 5) 2016 CALIFORNIA FIRE CODE (CFC), BASED ON THE 2012 IFC, WITH CALIFORNIA AMENDMENTS (PART 9) 6) 2016 CALIFORNIA MECHANICAL CODE (CMC), BASED ON THE 2012 UMC (PART 4) 7) 2016 CALIFORNIA PLUMBING CODE (CPC), BASED ON THE 2012 UPC (PART 5) 8) 2016 CALIFORNIA ELECTRICAL CODE (CEC) WITH CALIFORNIA AMENDMENTS, BASED ON THE 2011 NEC (PART 3) 9) 2016 CALIFORNIA ENERGY CODE (CEC)- PART 6 10) ANSI / EIA-TIA-222-G 11) 2016 NFPA 101, LIFE SAFETY CODE 12) 2016 NFPA 72, NATIONAL FIRE ALARM CODE 13) 2016 NFPA 13, FIRE SPRINKLER CODE	OCCUPANCY AND CONSTRUCTION TYPE OCCUPANCY : U (UNMANNED COMMUNICATION FACILITY) CONSTRUCTION TYPE: V-B HANDICAP REQUIREMENTS FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. HANDICAP ACCESS IS NOT REQUIRED PER CBC2016, SECTION 11B-203.4 (LIMITED ACCESS SPACE)		APPROVALS <table><tr><td>APPROVED BY:</td><td>INITIALS</td><td>DATE:</td></tr><tr><td>AT&T:</td><td></td><td></td></tr><tr><td>VENDOR:</td><td></td><td></td></tr><tr><td>R.F.:</td><td></td><td></td></tr><tr><td>LEASING / LANDLORD:</td><td></td><td></td></tr><tr><td>ZONING:</td><td></td><td></td></tr><tr><td>CONSTRUCTION:</td><td></td><td></td></tr><tr><td>POWER / TELCO:</td><td></td><td></td></tr><tr><td>PG&E:</td><td></td><td></td></tr></table>		APPROVED BY:	INITIALS	DATE:	AT&T:			VENDOR:			R.F.:			LEASING / LANDLORD:			ZONING:			CONSTRUCTION:			POWER / TELCO:			PG&E:			GENERAL CONTRACTOR NOTES DO NOT SCALE DRAWINGS THESE DRAWINGS ARE FORMATTED TO BE FULL SIZE AT 24" x 36". CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOBSITE AND SHALL IMMEDIATELY NOTIFY THE ARCHITECT/ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR MATERIAL ORDERS OR BE RESPONSIBLE FOR THE SAME.		
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VENDOR:																																		
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LEASING / LANDLORD:																																		
ZONING:																																		
CONSTRUCTION:																																		
POWER / TELCO:																																		
PG&E:																																		

PREPARED FOR



5001 Executive Parkway, 4W550H
San Ramon, California 94583

Vendor:



AZ - CA - CO - ID - NM - NV - TX - UT

AT&T Site ID:

CCU5582

AT&T SITE NO: CCU5582

PAGE NO: MRSFR012544

DRAWN BY: PS

CHECKED BY: IW

11	05/15/18	PLANNING COMMENTS
10	4/24/18	PLANNING COMMENTS
9	12/18/17	PLANNING COMMENTS
8	12/12/17	PLANNING COMMENTS
7	11/01/17	ETCS SOW
6	09/27/17	PLANNING COMMENTS
5	05/09/17	RF & CIVIL CM COMMENTS
4	04/06/17	REVISED RIDS
3	03/14/17	PLAN CHECK COMMENTS
2	01/19/17	REVISED SURVEY
1	12/05/16	REVISED SURVEY
0	08/23/16	ZD 100%
A	08/09/16	ZD 90%
REV	DATE	DESCRIPTION

Licensor:

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

Issued For:

SITE NUMBER: CCU5582
USULTAN RESTAURANTE

2990 24TH STREET
SAN FRANCISCO, CA 94110

SHEET TITLE:

TITLE SHEET

SHEET NUMBER:

T-1

GENERAL CONSTRUCTION NOTES:

1. PLANS ARE INTENDED TO BE DIAGRAMMATIC OUTLINE ONLY, UNLESS NOTED OTHERWISE. THE WORK SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT, APPURTENANCES AND LABOR NECESSARY TO COMPLETE ALL INSTALLATIONS AS INDICATED ON THE DRAWINGS.
2. THE CONTRACTOR SHALL OBTAIN, IN WRITING, AUTHORIZATION TO PROCEED BEFORE STARTING WORK ON ANY ITEM NOT CLEARLY DEFINED OR IDENTIFIED BY THE CONTRACT DOCUMENTS.
3. CONTRACTOR SHALL CONTACT USA (UNDERGROUND SERVICE ALERT) AT (800) 227-2600, FOR UTILITY LOCATIONS, 48 HOURS BEFORE PROCEEDING WITH ANY EXCAVATION, SITE WORK OR CONSTRUCTION.
4. THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY INDICATED OTHERWISE. OR WHERE LOCAL CODES OR REGULATIONS TAKE PRECEDENCE.
5. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CBC / UBC'S REQUIREMENTS REGARDING EARTHQUAKE RESISTANCE, FOR, BUT NOT LIMITED TO, PIPING, LIGHT FIXTURES, CEILING GRID, INTERIOR PARTITIONS, AND MECHANICAL EQUIPMENT. ALL WORK MUST COMPLY WITH LOCAL EARTHQUAKE CODES AND REGULATIONS.
6. REPRESENTATIONS OF TRUE NORTH, OTHER THAN THOSE FOUND ON THE PLOT OF SURVEY DRAWINGS, SHALL NOT BE USED TO IDENTIFY OR ESTABLISH BEARING OF TRUE NORTH AT THE SITE. THE CONTRACTOR SHALL RELY SOLELY ON THE PLOT OF SURVEY DRAWING AND ANY SURVEYOR'S MARKINGS AT THE SITE FOR THE ESTABLISHMENT OF TRUE NORTH, AND SHALL NOTIFY THE ARCHITECT / ENGINEER PRIOR TO PROCEEDING WITH THE WORK IF ANY DISCREPANCY IS FOUND BETWEEN THE VARIOUS ELEMENTS OF THE WORKING DRAWINGS AND THE TRUE NORTH ORIENTATION AS DEPICTED ON THE CIVIL SURVEY. THE CONTRACTOR SHALL ASSUME SOLE LIABILITY FOR ANY FAILURE TO NOTIFY THE ARCHITECT / ENGINEER.
7. THE BUILDING DEPARTMENT ISSUING THE PERMITS SHALL BE NOTIFIED AT LEAST TWO WORKING DAYS PRIOR TO THE COMMENCEMENT OF WORK, OR AS OTHERWISE STIPULATED BY THE CODE ENFORCEMENT OFFICIAL HAVING JURISDICTION.
8. DO NOT EXCAVATE OR DISTURB BEYOND THE PROPERTY LINES OR LEASE LINES, UNLESS OTHERWISE NOTED.
9. ALL EXISTING UTILITIES, FACILITIES, CONDITIONS, AND THEIR DIMENSIONS SHOWN ON THE PLAN HAVE BEEN PLOTTED FROM AVAILABLE RECORDS. THE ARCHITECT / ENGINEER AND THE OWNER ASSUME NO RESPONSIBILITY WHATSOEVER AS TO THE SUFFICIENCY OR THE ACCURACY OF THE INFORMATION SHOWN ON THE PLANS, OR THE MANNER OF THEIR REMOVAL OR ADJUSTMENT. CONTRACTORS SHALL BE RESPONSIBLE FOR DETERMINING EXACT LOCATION OF ALL EXISTING UTILITIES AND FACILITIES PRIOR TO START OF CONSTRUCTION. CONTRACTORS SHALL ALSO OBTAIN FROM EACH UTILITY COMPANY DETAILED INFORMATION RELATIVE TO WORKING SCHEDULES AND METHODS OF REMOVING OR ADJUSTING EXISTING UTILITIES.
10. CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES, BOTH HORIZONTAL AND VERTICALLY, PRIOR TO THE START OF CONSTRUCTION. ANY DISCREPANCIES OR DOUBTS AS TO THE INTERPRETATION OF PLANS SHOULD BE IMMEDIATELY REPORTED TO THE ARCHITECT / ENGINEER FOR RESOLUTION AND INSTRUCTION. AND NO FURTHER WORK SHALL BE PERFORMED UNTIL THE DISCREPANCY IS CHECKED AND CORRECTED BY THE ARCHITECT / ENGINEER. FAILURE TO SECURE SUCH INSTRUCTION MEANS CONTRACTOR WILL HAVE WORKED AT HIS/HER OWN RISK AND EXPENSE.
11. ALL NEW AND EXISTING UTILITY STRUCTURES ON SITE AND IN AREAS TO BE DISTURBED BY CONSTRUCTION SHALL BE ADJUSTED TO FINISH ELEVATIONS PRIOR TO FINAL INSPECTION OF WORK.
12. ANY DRAIN AND/OR FIELD TILE ENCOUNTERED / DISTURBED DURING CONSTRUCTION SHALL BE RETURNED TO ITS ORIGINAL CONDITION PRIOR TO COMPLETION OF WORK. SIZE, LOCATION AND TYPE OF ANY UNDERGROUND UTILITIES OR IMPROVEMENTS SHALL BE ACCURATELY NOTED AND PLACED ON "AS-BUILT" DRAWINGS BY GENERAL CONTRACTOR, AND ISSUED TO THE ARCHITECT / ENGINEER AT COMPLETION OF PROJECT.
13. ALL TEMPORARY EXCAVATIONS FOR THE INSTALLATION OF FOUNDATIONS, UTILITIES, ETC., SHALL BE PROPERLY LAID BACK OR BRACED IN ACCORDANCE WITH CORRECT OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REQUIREMENTS.
14. INCLUDE MISC. ITEMS PER AT&T SPECIFICATIONS

APPLICABLE CODES, REGULATIONS AND STANDARDS:

SUBCONTRACTOR'S WORK SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES AS ADOPTED BY THE LOCAL AUTHORITY HAVING JURISDICTION (AHJ) FOR THE LOCATION.

THE EDITION OF THE AHJ ADOPTED CODES AND STANDARDS IN EFFECT ON THE DATE OF CONTRACT AWARD SHALL GOVERN THE DESIGN.

SUBCONTRACTOR'S WORK SHALL COMPLY WITH THE LATEST EDITION OF THE FOLLOWING STANDARDS:

- AMERICAN CONCRETE INSTITUTE (ACI) 318, BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE
- AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC), MANUAL OF STEEL CONSTRUCTION, ASD, NINTH EDITION
- TELECOMMUNICATIONS INDUSTRY ASSOCIATION (TIA) 222-G, STRUCTURAL STANDARD FOR STRUCTURAL ANTENNA TOWER AND ANTENNA SUPPORTING STRUCTURES
- INSTITUTE FOR ELECTRICAL AND ELECTRONICS ENGINEERS (IEEE) 81, GUIDE FOR MEASURING EARTH RESISTIVITY, GROUND IMPEDANCE, AND EARTH SURFACE POTENTIALS OF A GROUND SYSTEM IEEE 1100 (1999) RECOMMENDED PRACTICE FOR POWERING AND GROUNDING OF ELECTRICAL EQUIPMENT.
- IEEE C62-41, RECOMMENDED PRACTICES ON SURGE VOLTAGES IN LOW VOLTAGE AC POWER CIRCUITS (FOR LOCATION CATEGORY "C3" AND "HIGH SYSTEM EXPOSURE")

TIA 607 COMMERCIAL BUILDING GROUNDING AND BONDING REQUIREMENTS FOR TELECOMMUNICATIONS TELCORDIA GR-63 NETWORK EQUIPMENT-BUILDING SYSTEM (NEBS): PHYSICAL PROTECTION
TELCORDIA GR-347 CENTRAL OFFICE POWER WIRING
TELCORDIA GR-1275 GENERAL INSTALLATION REQUIREMENTS
TELCORDIA GR-1503 COAXIAL CABLE CONNECTIONS

ANY AND ALL OTHER LOCAL & STATE LAWS AND REGULATIONS

FOR ANY CONFLICTS BETWEEN SECTIONS OF LISTED CODES AND STANDARDS REGARDING MATERIAL, METHODS OF CONSTRUCTION, OR OTHER REQUIREMENTS, THE MOST RESTRICTIVE SHALL GOVERN. WHERE THERE IS CONFLICT BETWEEN A GENERAL REQUIREMENT AND A SPECIFIC REQUIREMENT, THE SPECIFIC REQUIREMENT SHALL GOVERN.

ABBREVIATIONS

A.B.	ANCHOR BOLT	IN. (")	INCH(ES)
ABV.	ABOVE	INT.	INTERIOR
ACCA	ANTENNA CABLE COVER ASSEMBLY	LB.(#)	POUND(S)
ADD'L	ADDITIONAL	LB.	LAG BOLTS
A.F.F.	ABOVE FINISHED FLOOR	L.F.	LINEAR FEET (FOOT)
A.F.G.	ABOVE FINISHED GRADE	L.	LONG(ITUINAL)
ALUM.	ALUMINUM	MAS.	MASONRY
ALT.	ALTERNATE	MAX.	MAXIMUM
ANT.	ANTENNA	M.B.	MACHINE BOLT
APPRX.	APPROXIMATE(LY)	MECH.	MECHANICAL
ARCH.	ARCHITECT(URAL)	MFR.	MANUFACTURER
AWG.	AMERICAN WIRE GAUGE	MIN.	MINIMUM
BLDG.	BUILDING	MISC.	MISCELLANEOUS
BLK.	BLOCK	MTL.	METAL
BLKG.	BLOCKING	(N)	NEW
BM.	BEAM	NO.(#)	NUMBER
B.N.	BOUNDARY NAILING	N.T.S.	NOT TO SCALE
BTWC.	BARE TINNED COPPER WIRE	O.C.	ON CENTER
B.O.F.	BOTTOM OF FOOTING	OPNG.	OPENING
B/U	BACK-UP CABINET	P/C	PRECAST CONCRETE
CAB.	CABINET	PCS	PERSONAL COMMUNICATION SERVICES
CANT.	CANTILEVER(ED)	PLY.	PLYWOOD
C.I.P.	CAST IN PLACE	PPC	POWER PROTECTION CABINET
CLG.	CEILING	PRC	PRIMARY RADIO CABINET
CLR.	CLEAR	P.S.F.	POUNDS PER SQUARE FOOT
COL.	COLUMN	P.S.I.	POUNDS PER SQUARE INCH
CONC.	CONCRETE	P.T.	PRESSURE TREATED
CONN.	CONNECTION(OR)	PWR.	POWER (CABINET)
CONSTR.	CONSTRUCTION	QTY.	QUANTITY
CONT.	CONTINUOUS	RAD.(R)	RADIUS
d	PENNY (NAILS)	REF.	REFERENCE
DBL.	DOUBLE	REINF.	REINFORCEMENT(ING)
DEPT.	DEPARTMENT	REC'D/	REQUIRED
D.F.	DOUGLAS FIR	RGS.	RIGID GALVANIZED STEEL
DIA.	DIAMETER	SCH.	SCHEDULE
DIAG.	DIAGONAL	SHT.	SHEET
DIM.	DIMENSION	SIM.	SIMILAR
DWG.	DRAWING(S)	SPEC.	SPECIFICATIONS
DWL.	DOWNEL(S)	SQ.	SQUARE
EA.	EACH	S.S.	STAINLESS STEEL
EL.	ELEVATION	STD.	STANDARD
ELEC.	ELECTRICAL	STL.	STEEL
ELEV.	ELEVATOR	STRUC.	STRUCTURAL
EMT.	ELECTRICAL METALLIC TUBING	TEMP.	TEMPORARY
E.N.	EDGE NAIL	THK.	THICK(NESS)
ENG.	ENGINEER	T.N.	TOE NAIL
EQ.	EQUAL	T.O.A.	TOP OF ANTENNA
EXP.	EXPANSION	T.O.C.	TOP OF CURB
EXST.(E)	EXISTING	T.O.F.	TOP OF FOUNDATION
EXT.	EXTERIOR	T.O.P.	TOP OF PLATE (PARAPET)
FAB.	FABRICATION(OR)	T.O.S.	TOP OF STEEL
F.F.	FINISH FLOOR	T.O.W.	TOP OF WALL
F.G.	FINISH GRADE	TYP.	TYPICAL
FIN.	FINISH(ED)	U.G.	UNDER GROUND
FLR.	FLOOR	U.L.	UNDERWRITERS LABORATORY
FDN.	FOUNDATION	U.N.O.	UNLESS NOTED OTHERWISE
F.O.C.	FACE OF CONCRETE	V.I.F.	VERIFY IN FIELD
F.O.M.	FACE OF MASONRY	W	WIDE (WIDTH)
F.O.S.	FACE OF STUD	W	WITH
F.O.W.	FACE OF WALL	WD.	WOOD
F.S.	FINISH SURFACE	W.P.	WEATHERPROOF
FT.(")	FOOT (FEET)	WT.	WEIGHT
FTG.	FOOTING	℄	CENTERLINE
G.	GROWTH (CABINET)	℄	PLATE, PROPERTY LINE
GA.	GAUGE		
GL.	GALVANIZE(D)		
G.F.I.	GROUND FAULT CIRCUIT INTERRUPTER		
GLB. (GLU-LAM)	GLUE LAMINATED BEAM		
GPS	GLOBAL POSITIONING SYSTEM		
GRND.	GROUND		
HDR.	HEADER		
HGR.	HANGER		
HT.	HEIGHT		
ICGB.	ISOLATED COPPER GROUND BUS		

SYMBOLS LEGEND

	BLDG. SECTION		GROUT OR PLASTER
	WALL SECTION		(E) BRICK
	DETAIL		(E) MASONRY
	ELEVATION		CONCRETE
	DOOR SYMBOL		EARTH
	WINDOW SYMBOL		GRAVEL
	TILT-UP PANEL MARK		PLYWOOD
	PROPERTY LINE		SAND
	CENTERLINE		PLYWOOD
	ELEVATION DATUM		SAND
	GRID/COLUMN LINE		(E) STEEL
	KEYNOTE, DIMENSION ITEM		MATCH LINE
	KEYNOTE, CONSTRUCTION ITEM		GROUND CONDUCTOR
	WALL TYPE MARK		OVERHEAD SERVICE CONDUCTORS
	ROOM NAME ROOM NUMBER		TELEPHONE CONDUIT
			POWER CONDUIT
			COAXIAL CABLE
			CHAIN LINK FENCE
			WOOD FENCE
			(P) ANTENNA
			(P) RRU
			(P) DC SURGE SUPPRESSION
			(F) ANTENNA
			(F) RRU
			(E) EQUIPMENT

PREPARED FOR



Vendor:



AT&T Site ID:

CCU5582

AT&T SITE NO: CCU5582

PAGE NO: MRSFR012544

DRAWN BY: PS

CHECKED BY: IW

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10	4/24/18	PLANNING COMMENTS
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8	12/12/17	PLANNING COMMENTS
7	11/01/17	ETCS SOW
6	09/27/17	PLANNING COMMENTS
5	05/09/17	RF & CIVIL CM COMMENTS
4	04/06/17	REVISED RDS
3	03/14/17	PLANT CHECK COMMENTS
2	01/19/17	REVISED SURVEY
1	12/05/16	REVISED SURVEY
0	08/23/16	ZD 100%
A	08/09/16	ZD 90%
REV	DATE	DESCRIPTION

Licenser:

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Issued For:

SITE NUMBER: CCU5582
USULTAN RESTAURANTE


2990 24TH STREET
SAN FRANCISCO, CA
94110

SHEET TITLE:

GENERAL NOTES

SHEET NUMBER:

GN-1



This Site Operated by:

AT&T MOBILITY

2600 CAMINO RAMON, 4W750FF
SAN RAMON, CA 94583

IN CASE OF FIRE AND THE NEED FOR SHUTDOWN
TO DEACTIVATE ANTENNAS CALL THE
FOLLOWING NUMBER:
For 24 Hour Emergency Contact and Access Please Call:
(800)832-6662

Reference Site#: CCU5582

Site Address: 2990 24TH STREET, SAN FRANCISCO, CA 94110

11 FENCED COMPOUND SIGNAGE
N.T.S.

DANGER

NO
TRESPASSING

10 FENCED COMPOUND SIGNAGE
N.T.S.

NOTICE

AUTHORIZED
PERSONNEL
ONLY

9 DOOR / EQUIPMENT SIGN
N.T.S.

0
32
ACID

8 NFPA HAZARD SIGN
N.T.S.

INFORMATION

Federal Communications Communication
Tower Registration Number

1 2 3 4 5 6 7

Posted in accordance with federal Communications
Commission rules and antenna tower registration
47CFR 17.4(g).

7 FCC ASR SIGNAGE
N.T.S.

Property of AT&T

Authorized
Personnel Only

No Trespassing
Violators will be Prosecuted

In case of emergency, or prior to performing
maintenance on this site, call CCU5582
and reference cell site number CCU5582

6 GATE SIGNAGE
N.T.S.

Property of AT&T

Authorized
Personnel Only

In case of emergency, or prior to performing
maintenance on this site, call CCU5582
and reference cell site number CCU5582

5 SHELTER / CABINET DOORS SIGNAGE
N.T.S.

8"

INFORMATION

AT&T MOBILITY OPERATES TELECOMMUNICATION ANTENNAS AT THIS LOCATION. REMAIN AT LEAST 3 FEET AWAY FROM ANY ANTENNA AND OBEY ALL POSTED SIGNS.

CONTACT THE OWNER(S) OF THE ANTENNA(S) BEFORE WORKING CLOSER THAN 3 FEET FROM THE ANTENNA(S).

CONTACT AT&T MOBILITY AT 800-638-2822 PRIOR TO PERFORMING ANY MAINTENANCE OR REPAIRS NEAR AT&T MOBILITY ANTENNAS.

THIS IS SITE #

CONTACT THE MANAGEMENT OFFICE IF THIS DOOR/HATCH/GATE IS FOUND UNLOCKED.

IN ESTA PROPIEDAD SE UBICAN ANTENAS DE TELECOMUNICACIONES OPERADAS POR AT&T. FAVOR MANTENER UNA DISTANCIA DE NO MENOS DE 3 PIES Y OBEDECER TODOS LOS AVISOS.

COMUNIQUESE CON EL PROPIETARIO O LOS PROPIETARIOS DE LAS ANTENAS ANTES DE TRABAJAR O CAMINAR DE MENOS DE 3 PIES DE LA ANTENA.

COMUNIQUESE CON AT&T MOBILITY 800-638-2822 ANTES DE REALIZAR CUALQUIER MANTENIMIENTO O REPARACION DE LAS ANTENAS DE AT&T MOBILITY.

ESTA ES LA ESTACION BASE NUMERO CCU5582

FAVOR COMUNICARSE CON LA OFICINA DE LA ADMINISTRACION DEL EDIFICIO SI ESTA PUERTA O COMPUERTA SE ENCUENTRA SIN CERRAR.

5"

INFORMATION

ACTIVE ANTENNAS ARE MOUNTED

ON THE OUTSIDE FACE OF THIS BUILDING

INFORMATION SIGN 1-2

ON THIS STRUCTURE

STAY BACK A MINIMUM OF 3 FEET FROM THESE ANTENNAS

CONTACT AT&T MOBILITY AT 800-638-2822 & FOLLOW THEIR INSTRUCTIONS PRIOR TO PERFORMING ANY MAINTENANCE OR REPAIRS CLOSER THAN 3 FEET FROM THE ANTENNAS.

THIS IS AT&T MOBILITY SITE CCU5582

2"

at&t

INFORMATION SIGN 1-3

SCALE: 1/4" = 1'

1-1/2"

24"

STAY BACK 3 FEET FROM ANTENNA

A INFORMATION SIGN 1-1
SCALE: 1/2" = 1'

B INFORMATION SIGN 1-2
SCALE: 3/4" = 1'

D INFORMATION SIGN 1-4
SCALE: 3/16" = 1'

- CONTRACTOR SHALL INSTALL ALL INFORMATION SIGNAGE IN ACCORDANCE w/ AT&T WIRELESS DOCUMENT #03-0074, RF EXPOSURE POLICY AND RF SAFETY COMPLIANCE PROGRAM, LATEST EDITION.
- FABRICATION:
 - SIGN 1-1: ENTRANCE DOOR, SEE DETAIL 1A, THIS SHEET
 - SIGN 1 IS TO BE MADE ON THE 50 MIL ALUMINUM SHEETING (SIZE 8 INCHES BY 12 INCHES) w/ FOUR (4) 1/2 INCH MOUNTING HOLES, ONE EACH CORNER OF THE SIGN FOR MOUNTING w/ HARDWARE w/ TIE WRAPS. THE MAIN BACKGROUND COLOR IS TO BE WHITE FRONT & BACK w/ BLACK LETTERING.
 - THE INFORMATION BAND SHALL BE 1/2 INCH SOLID GREEN BAND w. 0.5 INCH HIGH BLACK LETTERING. THE BODY TEXT SHALL BE IN BLACK LETTERING w/ 0.2 INCH HIGH LETTERS. THE REF LINE SHALL BE IN 1/2 INCH LETTERS.
 - THE PLACEMENT OF TEXT SHALL BE DONE IN A MANNER THAT WILL PERMIT EASY READING FROM A DISTANCE OF APPROXIMATELY 6 FEET IN FRONT OF THE SIGN.
 - ALL PAINT WILL BE BAKED w/ ENAMEL w/ UV PROTECTIVE COATING OVER THE FACE OF THE SIGN.

*SIGN 1-2: POLE, SEE DETAIL 1B, THIS SHEET

SIGN 2 MUST BE A NON METALLIC LABEL w/ AN ADHESIVE BACKING. THE LABEL SHALL BE MADE USING VINYL OR SIMILAR WEATHERPROOF MATERIAL. THE LABEL SHALL BE APPROXIMATELY 5X7 INCHES w/ A WHITE BACKGROUND AND BLACK LETTERING. THE GREEN BAND SHALL BE 1.375 INCH IN HEIGHT & THE LETTERING SHALL BE BLACK w/ 0.75 INCH HIGH LETTERS. THE TEXT LETTERING SHALL BE BLACK w/ 1/2 INCH HIGH LETTERS. UV PROTECTION SHALL BE PLACED OVER THE FRONT OF THE LABEL.

*SIGN 1-3: BACK OF ANTENNAS, SEE DETAIL 1C & 3, THIS SHEET

*SIGN 3 IS A 1 INCH X 2 INCH PANEL THAT CAN BE APPLIED TO THE BACK OR SIDE OF AN ANTENNA TO IDENTIFY IT AS AN AT&T ANTENNA.

*SIGN 1-4: SIDE OF ANTENNAS, SEE DETAIL 1D & 3, THIS SHEET

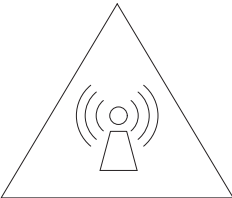
SIGN 4 IS MADE FROM TRANSPARENT MATERIAL 1-1/2 INCHES WIDE & 24 INCHES LONG. THE LETTERING IS TO BE BLACK w/ 1/2 INCH LETTERING IN A VERTICAL COLUMN. THE SPACING BETWEEN WORDS MUST BE SUCH THAT IT IS EASILY READ & FILLS THE LENGTH OF THE SIGN.

4 INFORMATION SIGNAGE
N.T.S.

NOTE:

- CONTRACTOR SHALL INSTALL ALL INFORMATION SIGNAGE IN ACCORDANCE w/ AT&T WIRELESS DOCUMENT #03-0074, RF EXPOSURE POLICY AND RF SAFETY COMPLIANCE PROGRAM, LATEST EDITION.
- CONTRACTOR SHALL CONTACT AT&T R-RFSC FOR INFORMATION ON MPE LEVELS AND INSTRUCTIONS ON LEVEL AND LOCATION OF SIGNAGE

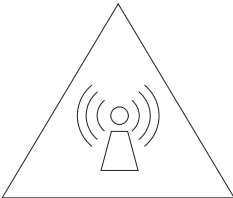
WARNING



Beyond This Point you are entering a controlled area where RF Emissions exceed the FCC Controlled Exposure limits
Failure to obey all posted signs and site guidelines could result in serious injury

Ref: FCC 47CFR 1.1307(b)

CAUTION



Beyond This Point you are entering a controlled area where RF Emissions exceed the FCC Controlled Exposure limits
Obey all posted signs and site guidelines for working in an RF environment

Ref: FCC 47CFR 1.1307(b) at&t

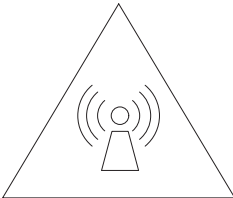
3 CAUTION AND WARNING SIGN
N.T.S.

SIGNAGE AND STRIPING INFORMATION

- THE FOLLOWING INFORMATION IS A GUIDELINE w/ RESPECT TO PREVAILING STANDARDS LIMITING HUMAN EXPOSURE TO RADIO FREQUENCY ENERGY AND SHOULD BE USED AS SUCH. IF THE SITE'S EMF REPORT OR ANY LOCAL, STATE OR FEDERAL GUIDELINES OR REGULATIONS SHOULD BE IN CONFLICT w/ ANY PART OF THESE NOTES OR PLANS, THE MORE RESTRICTIVE GUIDELINE OR REGULATION SHALL BE FOLLOWED AND OVERRIDE THE LESSER.
- THE PUBLIC LIMIT OF RF EXPOSURE ALLOWED BY AT&T IS 1mW/cm² AND THE OCCUPATIONAL LIMIT OF RF EXPOSURE ALLOWED BY AT&T IS 5mW/cm²
- IF THE BOTTOM OF THE ANTENNA IS MOUNTED (8) EIGHT FEET ABOVE THE GROUND OR WORKING PLATFORM LINE OF THE PERSONAL COMMUNICATION SYSTEM (PCS) AND DOES NOT EXCEED THE PUBLIC LIMIT OF RF EXPOSURE LIMIT THEN NO STRIPING OR BARRICADES SHOULD BE NEEDED.
- IF THE PUBLIC LIMIT OF RF EXPOSURE ON THE SITE IS EXCEEDED AND THE AREA IS PUBLICLY ACCESSIBLE (e.g. ROOF ACCESS DOOR THAT CANNOT BE LOCKED, OR FIRE EGRESS) THEN BOTH BARRICADES AND STRIPING SHALL BE PLACED AROUND THE ANTENNAS. THE EXACT EXTENT OF THE BARRICADES AND STRIPING SHALL BE DETERMINED BY THE EMF REPORT FOR THE SITE DONE BEFORE OR SHORTLY AFTER COMPLETION OF SITE CONSTRUCTION. USE THE PLANS AS A GUIDELINE FOR PLACEMENT OF SUCH BARRICADES AND STRIPING.
- IF THE PUBLIC LIMIT OF RF EXPOSURE ON THE SITE IS EXCEEDED AND THE AREA IS PUBLICLY ACCESSIBLE (e.g. ROOF ACCESS DOOR THAT CANNOT BE LOCKED, OR FIRE EGRESS) THEN BOTH BARRICADES AND STRIPING SHALL BE PLACED AROUND THE ANTENNAS. THE EXACT EXTENT OF THE BARRICADES AND STRIPING SHALL BE DETERMINED BY THE EMF REPORT FOR THE SITE DONE BEFORE OR SHORTLY AFTER COMPLETION OF SITE CONSTRUCTION. USE THE PLANS AS A GUIDELINE FOR PLACEMENT OF SUCH BARRICADES AND STRIPING.
- ALL TRANSMIT ANTENNAS REQUIRE A THREE LANGUAGE WARNING SIGN WRITTEN IN ENGLISH, SPANISH, AND CHINESE. THIS SIGN SHALL BE PROVIDED TO THE CONTRACTOR Y THE AT&T CONSTRUCTION PROJECT MANAGER AT THE TIME OF CONSTRUCTION. THE LARGER SIGN SHALL BE PLACED IN PLAIN SIGHT AT ALL ROOF ACCESS LOCATIONS AND ON ALL BARRICADES. THE SMALLER SIGN SHALL BE PLACED ON THE ANTENNA ENCLOSURES IN A MANNER THAT IS EASILY SEEN BY ANY PERSON ON THE ROOF. WARNING SIGNS SHALL COMPLY w/ ANSI C95.2 COLOR, SYMBOL, AND CONTENT CONVENTIONS. ALL SIGNS SHALL HAVE AT&T'S NAME AND THE COMPANY CONTACT INFORMATION (e.g. TELEPHONE NUMBER) TO ARRANGE FOR ACCESS TO THE RESTRICTED AREAS. THIS TELEPHONE NUMBER SHALL BE PROVIDED TO THE CONTRACTOR BY THE AT&T CONSTRUCTION PROJECT MANAGER AT THE TIME OF CONSTRUCTION.
- PHOTOS OF ALL STRIPING, BARRICADES & SIGNAGE SHALL BE PART OF THE CONTRACTORS CLOSE OUT PACKAGE & SHALL BE TURNED INTO THE AT&T CONSTRUCTION PACKAGE & SHALL BE TURNED INTO THE AT&T CONSTRUCTION PROJECT MANAGER AT THE END OF CONSTRUCTION. STRIPING SHALL BE DONE w/ FADE RESISTANT YELLOW SAFETY PAINT IN A CROSS-HATCH PATTERN AS DETAILED BY THE CONSTRUCTION DRAWINGS. ALL BARRICADES SHALL BE MADE OF AN RF FRIENDLY MATERIAL SO AS NOT TO BLOCK OR INTERFERE w/ THE OPERATION OF THE ANTENNAS. BARRICADES SHALL BE PAINTED w/ FADE RESTRAINT YELLOW SAFETY PAINT. THE CONTRACTOR SHALL PROVIDE ALL RF FRIENDLY BARRICADES NEEDED, & SHALL PROVIDE THE AT&T CONSTRUCTION PROJECT MANAGER w/ A DETAILED SHOP DRAWING OF EACH BARRICADE. UPON CONSTRUCTION COMPLETION.

2 GENERAL NOTES
N.T.S.

NOTICE




Beyond This Point you are entering an area where RF Emissions *may exceed* the FCC General Population Exposure Limits
Follow all posted signs and site guidelines for working in an RF environment

Ref: FCC 47CFR 1.1307(b) at&t


1 NOTICE SIGN
N.T.S.

PREPARED FOR



5001 Executive Parkway, 4W550H
San Ramon, California 94583

Vendor:



AZ - CA - CO - ID - NM - NV - TX - UT

At&T Site ID:

CCU5582

At&T SITE NO: CCU5582

PAGE NO: MRSFR012544

DRAWN BY: PS

CHECKED BY: IW

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1	12/05/16	REVISED SURVEY
0	08/23/16	ZD 100%
A	08/09/16	ZD 90%
REV	DATE	DESCRIPTION

Licensor:

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Issued For:

SITE NUMBER: CCU5582
USULTAN RESTAURANTE

2990 24TH STREET
SAN FRANCISCO, CA
94110

SHEET TITLE:

SITE SIGNAGE

SHEET NUMBER:

GN-2

GHS
SAFETY DATA SHEET

I. PRODUCT IDENTIFICATION		
MANUFACTURER GNB Industrial Power A division of Exide Technologies 3950 Sussen Avenue Aurora, IL 60504-7932	CHEMICAL/TRADE NAME (as used on label) MARATHON V-2 and SPRINTER V-2 Valve Regulated Lead Acid Battery	
FOR FURTHER INFORMATION Primary Contact: Exide MSDS Support (770) 421-3485 Secondary Contact: Fred Ganster (610) 921-4052	CHEMICAL FAMILY/ CLASSIFICATION Electric Storage Battery	
	FOR EMERGENCY CHEMTREC (800) 424-9300 (703) 527-3887 – Collect 24-hour Emergency Response Contact Ask for Environmental Coordinator	
II. HAZARD IDENTIFICATION		
Signal Words: Danger		
Category:	GHS Codes	Description
Health:	H302 H314 H332 H351 H360 H373	Harmful if swallowed. Causes severe skin burns and eye damage. Harmful if inhaled. Suspected of causing cancer by inhalation. May damage fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure.
	H220 H410	Extremely flammable gas (hydrogen) Very toxic to aquatic life with long lasting effects.
	P260 P308 + 313 P301/330/331	Do not breathe dust/fume/gas/mist/vapors/spray. If exposed/concern, seek medical attention/advice. IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
	P303/361/553	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
	P304/340 P305/351/338	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Handling:	P310	Immediately call a POISON CENTER or doctor/physician.
	P210	Keep away from heat/sparks/open flames/hot surfaces. No smoking.
	P260 P264 P280	Do not breathe dust/fume/gas/mist/vapors/spray Wash thoroughly after handling Wear protective gloves/protective clothing/eye protection/face protection.
	P403 P405 P391 P273 P501	Store in well-ventilated area Store locked up. Collect spillage Avoid release to the environment Dispose of contents/container in accordance with local/state/provincial/national/international regulation.
WARNING: Batteries subjected to abusive charging at excessively high currents for prolonged periods of time without vent caps in place		

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IX. PHYSICAL AND CHEMICAL PROPERTIES - ELECTROLYTE			
Boiling Point @760 mm Hg	203° F	Specific Gravity @ 70°F (H ₂ O=1)	1.230 to 1.350
Melting Point	Not Applicable	Vapor Pressure (mm Hg)	10
% Solubility in Water	100	pH	Greater than 1
Evaporation Rate (Butyl acetate=1)	Less Than 1	Vapor Density (AIR=1)	Greater than 1
Appearance and Odor	A clear liquid with a sharp, penetrating, pungent odor. A battery is a manufactured article; no apparent odor.	Viscosity	Not applicable
		% Volatiles by Volume @70°F	Not Applicable

X. STABILITY & REACTIVITY DATA			
Stability:	Stable Unstable	X —	
Conditions to Avoid:	Prolonged overcharging and overheating current; sparks and other sources of ignition.		
Incompatibilities: (materials to avoid)	<p>Electrolyte: Contact with combustibles and organic materials may cause fire and explosion. Also reacts violently with strong reducing agents, most metals, carbides, chlorates, nitrates, picrate, sulfur trioxide gas, strong oxidizers, and water. Contact with metals may produce toxic sulfur dioxide fumes and may release flammable hydrogen gas.</p> <p>Lead compounds: Avoid contact with strong acids, bases, halides, halogenates, potassium nitrate, permanganate, peroxides, nascent hydrogen, potassium, carbides, sulfides, phosphorus, sulfur, and reducing agent.</p>		
Hazardous Decomposition Products:	Electrolyte: Sulfur trioxide, carbon monoxide, sulfuric acid mist, sulfur dioxide, hydrogen sulfide, hydrogen.		
	Lead compounds: Temperatures above the melting point are likely to produce toxic metal fume, vapor, or dust; contact with strong acid or base or presence of nascent hydrogen may generate highly toxic azine gas.		
Hazardous Polymerization:	Will Not Occur		

XI. TOXICOLOGICAL DATA			
Routes of Entry:	<p>Electrolyte: Harmful by all routes of entry. Under normal conditions of use, sulfuric acid vapors and mist are not generated. Sulfuric acid vapors and mist may be generated when product is overheated, oxidized, or otherwise processed or damaged.</p> <p>Lead compounds/antimony oxide: Hazardous exposure can occur only when product is heated above the melting point, oxidized or otherwise processed or damaged to create dust, vapor, or fume.</p>		
Acute Toxicity:	<p>Inhalation LD₅₀: Electrolyte: LC₅₀ rat: 375 mg/m³; LC₅₀ guinea pig: 510 mg/m³ Elemental Lead: Acute Toxicity Point Estimate = 4500 ppmV (based on lead bullion) Antimony oxide: rat (4h) LC₅₀ > 5.2mg/m³ Oral LD₅₀: Electrolyte: rat: 2140 mg/kg Elemental lead: Acute Toxicity Estimate (ATE) = 500 mg/kg body weight (based on lead bullion) Antimony oxide: LD₅₀ rat > 20,000mg/kg</p>		
Inhalation:	<p>Electrolyte: Breathing of sulfuric acid vapors or mist may cause severe respiratory irritation.</p> <p>Lead compounds/antimony oxide: Inhalation of dust or fumes may cause irritation of upper respiratory tract and lungs.</p>		
Ingestion:	<p>Electrolyte: May cause severe irritation of mouth, throat, esophagus, and stomach.</p> <p>Lead compounds/antimony oxide: Acute ingestion may cause abdominal pain, nausea, vomiting, diarrhea, and severe cramping. This may lead rapidly to systemic toxicity. Acute ingestion should be treated by physician.</p>		
Skin Contact:	<p>Electrolyte: Severe irritation, burns, and ulceration. Sulfuric acid is not readily absorbed through the skin.</p> <p>Lead compounds: Not readily absorbed through the skin.</p> <p>Antimony oxide: skin irritant.</p>		

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may create a surrounding atmosphere of the offensive strong inorganic acid mist containing sulfuric acid. Reactivity: Organic materials, chlorates, carbides, fulminates, water, powdered metals. Reacts violently with water with evolution of heat. Corrosive to metals. Strong oxidizers, hydrogen peroxide, acids.		
III. COMPOSITION/INFORMATION ON INGREDIENTS		
Ingredient	CAS Number	% by Wt.
Inorganic compounds of:		
Lead	7439-92-1	71-76
Antimony Oxide (Sb ₂ O ₃)	1309-64-4	<0.6
Calcined Clay	N/A	<1.2
Tin	7440-31-5	0.4-0.6
Copper	7440-50-8	<0.1
Electrolyte (sulfuric acid)	7664-93-9	16-18
Case Material:		
Polypropylene	9003-07-0	6-7
Plate separator material: Glass	N/A	2-3
Notes: Inorganic lead and electrolyte (water and sulfuric acid solution) are the primary components of every battery manufactured by Exide Technologies or its subsidiaries. Other ingredients may be present dependent upon battery type. Polypropylene is the principal case material of automotive and commercial batteries. Electrolyte in this product is non-spill and completely absorbed within a solid matrix.		
IV. FIRST AID MEASURES		
Take proper precautions to ensure you own health and safety before attempting to rescue a victim and provide first aid.		
Inhalation:	Electrolyte: Remove to fresh air immediately. If breathing is difficult, give oxygen. Lead compounds: Remove from exposure, gargle, wash nose and lips; consult physician.	
Skin Contact:	Electrolyte: Flush with large amounts of water for at least 15 minutes; remove contaminated clothing completely, including shoes, and do not wear again until cleaned. If acid is splashed on shoes, remove and discard if they contain leather. Lead compounds: Wash immediately with soap and water. Lead compounds are not readily absorbed through the skin.	
Eye Contact:	Electrolyte and Lead compounds: Flush immediately with large amounts of water for at least 15 minutes; consult physician immediately.	
Ingestion:	Electrolyte: Give large quantities of water; do not induce vomiting; consult physician. Lead compounds: Consult physician immediately.	
V. FIRE FIGHTING MEASURES		
Flash Point:	Not Applicable	
Flammable Limits:	LEL = 4.1% (hydrogen gas in air) ; UEL = 74.2%	
Extinguishing media:	CO ₂ ; foam; dry chemical	
Fire Fighting Procedures:	Use positive pressure, self-contained breathing apparatus. Beware of acid splatter during water application and wear acid-resistant clothing, gloves, face and eye protection. If batteries are on charge, shut off power to the charging equipment, but, note that strings of series connected batteries may still pose risk of electric shock even when charging equipment is shut down.	
Hazardous Combustion Products:	In operation, or when on charge, batteries generate and release flammable hydrogen and oxygen gases (hydrogen is highly flammable and oxygen supports combustion). They must always be assumed to contain this gas which, if ignited by burning cigarette, naked flame or spark, may cause battery explosion with dispersion of casing fragments and corrosive liquid electrolyte. Carefully follow manufacturer's instructions for installation and service. Keep away all sources of gas ignition and do not allow metallic articles to simultaneously contact the negative and positive terminals of a battery.	
VI. ACCIDENTAL RELEASE MEASURES		
Remove combustible materials and all sources of ignition. Stop flow of material and contain spill by diking with soda ash, etc. Carefully neutralize spill with soda ash, etc. Make certain mixture is neutral then collect residue and place in a drum or other suitable container with a label specifying "contains hazardous waste" or (if uncertain call distributor regarding proper labeling procedures). Dispose of as hazardous waste. If battery is leaking, place battery in a heavy duty plastic bag. Wear acid resistant boots, face shield, chemical splash goggles and acid resistant gloves. Do not allow discharge of acid to sewer. Acid must be managed in accordance with approved local, state, and federal requirements. Consult state environmental agency and/or federal EPA.		

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Eye Contact:	Electrolyte: Severe irritation, burns, cornea damage, blindness. Lead compounds: May cause eye irritation. Antimony oxide: may cause eye irritation.	
Additional Information:	Medical Conditions: Generally Aggravated by Exposure: Overexposure to sulfuric acid mist may cause lung damage and aggravate pulmonary conditions. Contact of electrolyte (water and sulfuric acid solution) with skin may aggravate skin diseases such as eczema and contact dermatitis. Contact of electrolyte (water and sulfuric acid solution) with eyes may damage cornea and/or cause blindness. Lead and its compounds can aggravate some forms of kidney, liver, and neurologic diseases.	
Additional Health Data:	All heavy metals, including the hazardous ingredients in this product, are taken into the body primarily by inhalation and ingestion. Most inhalation problems can be avoided by adequate precautions such as ventilation and respiratory protection covered in Section VIII. Follow good personal hygiene to avoid inhalation and ingestion: wash hands, face, neck and arms thoroughly before eating, smoking or leaving the work site. Keep contaminated clothing out of non-contaminated areas, or wear cover clothing when in such areas. Restrict the use and presence of food, tobacco and cosmetics to non-contaminated areas. Work clothes and work equipment used in contaminated areas must remain in designated areas and never taken home nor laundered with personal non-contaminated clothing.	
This product is intended for industrial use only and should be isolated from children and their environment.		
XII. ECOLOGICAL INFORMATION		
Environmental Fate:	lead is very persistent in soil and sediments. No data on environmental degradation. Mobility of metallic lead between ecological compartments is slow. Bioaccumulation of lead occurs in aquatic and terrestrial animals and plants but little bioaccumulation occurs through the food chain. Most studies include lead compounds and not elemental lead.	
Environmental Toxicity: Aquatic Toxicity:	Sulfuric acid: 24 hr LC ₅₀ freshwater fish (<i>Brachydanio rerio</i>): 82 mg/L 96 hr LOEC, freshwater fish (<i>Cyprinus carpio</i>): 22 mg/L Lead: 48 hr LC ₅₀ (modeled for aquatic invertebrates): <1 mg/L based on lead bullion Antimony: 96 hr LC ₅₀ freshwater fish (<i>Brachydanio rerio</i>): >1,000mg/L	
XIII. DISPOSAL INFORMATION		
US	Sulfuric Acid: Neutralize as described above for a spill, collect residue and place in a container labeled as containing hazardous waste. Dispose of as a hazardous waste. If uncertain about labeling procedures, call your local battery distributor or listed contact. DO NOT FLUSH LEAD CONTAMINATED ACID TO SEWER. Spent batteries: Send to secondary lead smelter for recycling following applicable federal, state, and local regulations.	
XIV. TRANSPORT INFORMATION		
GROUND: - US DOT:	Proper Shipping Name: Not applicable Hazard Class: Not applicable ID Number: Not applicable Packing Group: Not applicable Labels: NONSPILLABLE Not regulated pursuant to 1173.159a of the DOT Hazardous Materials Regulations (49 CFR Parts 171-180) provided each package is marked "NONSPILLABLE" or "NONSPILLABLE BATTERY" and is secured in strong outer packaging.	
AIRCRAFT - ICAO - IATA:	For air shipments, reference IATA Dangerous Goods Regulations Special Provision A-67.	
VESSEL - IMO-IMDG:	For ocean shipments, reference IMDG Special Provision #238.	
-Note: GNB batteries which have met the test requirements for "nonspillable batteries" in shipment must be protected against short circuit and securely packaged		
XV. REGULATORY INFORMATION		
United States:	EPA SARA Title III Section 302 EPCRA Extremely Hazardous Substances (EHS): Sulfuric acid is a listed "Extremely Hazardous Substance" under EPCRA, with a Threshold Planning Quantity (TPQ) of 1,000 lbs.	

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VII. HANDLING AND STORAGE						
Handling: Single batteries pose no risk of electric shock but there may be increasing risk of electric shock from strings of connected batteries exceeding three 12-volt units. Batteries are non-spillable - potential for exposure to contents only during recycling or if outer casing is cracked or damaged.						
Storage: Store batteries under roof in cool, dry, well-ventilated areas that are separated from incompatible materials and from activities which may create flames, sparks, or heat. Keep away from metallic objects that could bridge the terminals on a battery and create a dangerous short-circuit.						
Charging: There is a possible risk of electric shock from charging equipment and from strings of series connected batteries, whether or not being charged. Shut-off power to chargers whenever not in use and before detachment of any circuit connections. Batteries being charged will generate and release flammable hydrogen gas. Charging space should be ventilated. Keep battery vent caps in position. Prohibit smoking and avoid creation of flames and sparks nearby. Wear face and eye protection when near batteries being charged.						
VIII. EXPOSURE CONTROLS AND PERSONAL PROTECTION						
Occupational Exposure Limits (mg/m ³)						
Ingredient:	US OSHA	US ACGIH	US NIOSH	Quebec PEV	Ontario OEL	EU OEL
Inorganic form of:						
Lead	0.05	0.05	0.05	0.05	0.05	0.15(c)
Antimony Oxide (Sb ₂ O ₃)	0.5(a)	0.5(a)	0.5(a)	0.5(a)	0.5(a)	0.1(c,e)
Tin	2	2	2	2	2	2(f)
Copper	1	1	1	1	1(h)	0.1(g)
Calcined Clay	N/A	N/A	N/A	N/A	N/A	N/A
Electrolyte (sulfuric acid)	1	0.2	1	1	0.2	0.05(d)
NOTES: N/A not applicable (e) based on OEL for Austria & Switzerland (a) as inorganic antimony (f) based on OEL for Belgium (c) as dusts/mists (g) based on OEL for Netherlands (d) as inhalable aerosol (h) thoracic fraction						
Engineering Controls (Ventilation): Store and handle in well-ventilated area. If mechanical ventilation is used, components must be acid-resistant. Handle batteries cautiously. Make certain vent caps are on securely. If battery case is damaged, avoid bodily contact with internal components. Wear protective clothing, eye and face protection, when charging or handling batteries. Follow all manufacturers' recommendations when stacking or palletizing. Do not allow metallic materials to simultaneously contact both the positive and negative terminals of the batteries. Use a battery cart to lift a battery or place hands at opposite corners to avoid spilling acid through the vents. Avoid contact with internal components of the batteries.						
Hygiene Practices: Wash hands thoroughly before eating, drinking or smoking after handling batteries.						
Respiratory Protection (NIOSH/MSHA approved): None required under normal conditions. When concentrations of sulfuric acid mist are known to exceed PEL, use NIOSH or MSHA-approved respiratory protection.						
Skin Protection: None required under normal conditions. If battery case is damaged, use rubber or plastic acid-resistant gloves with elbow-length gauntlet, acid-resistant apron, clothing, and boots.						
Eye Protection: None required under normal conditions. If battery case is damaged, chemical goggles or face shield.						
Other Protection: In areas where water and sulfuric acid solutions are handled in concentrations greater than 1%, emergency eyewash stations and showers should be provided, with unlimited water supply.						

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EPCRA Section 302 notification is required if 500 lbs or more of sulfuric acid is present at one site (40 CFR 370.10). An average automotive/commercial battery contains approximately 5 lbs of sulfuric acid. Contact your Exide representative for additional information.		
Section 304 CERCLA Hazardous Substances:	Reportable Quantity (RQ) for spilled 100% sulfuric acid under CERCLA (Superfund) and EPCRA (Emergency Planning and Community Right to Know Act) is 1,000 lbs. State and local reportable quantities for spilled sulfuric acid may vary.	
Section 311/312 Hazard Categorization:	EPCRA Section 312 Tier Two reporting is required for non-automotive batteries if sulfuric acid is present in quantities of 500 lbs or more and/or if lead is present in quantities of 10,000 lbs or more.	
Section 313 EPCRA Toxic Substances:	Supplier Notification: This product contains a toxic chemical or chemicals subject to the reporting requirements of section 313 of (Title) III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.	
Chemical	CAS	Percent by Weight
Lead (Pb)	7439-92-1	71-76
Electrolyte: Sulfuric Acid (H ₂ SO ₄)	7664-93-9	16-18
Antimony trioxide (Sb ₂ O ₃)	1309-64-4	<0.6
If you distribute this product to other manufacturers in SIC Codes 20 through 39, this information must be provided with the first shipment of each calendar year. Note: The Section 313 supplier notification requirement does not apply to batteries that are "consumer products".		
TSCA: Each ingredient chemical listed in Section II of this MSDS is also listed on the TSCA Registry.		
OSHA: Considered hazardous under Hazard Communication Act (29CFR1910.1200)		
RCRA: Spent lead-acid batteries are not regulated as hazardous waste when recycled. Spilled sulfuric acid is a characteristic hazardous waste; EPA hazardous waste number D002 (corrosivity).		
CAA: Exide Technologies supports preventative actions concerning ozone depletion in the atmosphere due to emissions of CFC's and other ozone depleting chemicals (ODC's), defined by the USEPA as Class I substances. Pursuant to Section 611 of the Clean Air Act Amendments (CAAA) of 1990, finalized on January 19, 1993, Exide established a policy to eliminate the use of Class I ODC's prior to the May 15, 1993 deadline.		
NFPA Hazard Rating for sulfuric acid: Flammability (Red) = 0 Health (Blue) = 3 Reactivity (Yellow) = 2		
US State Notifications & Warnings:	Identification	Notifications/Warning
California	California Proposition 65	"WARNING: This product contains lead and antimony trioxide, chemicals known to the State of California to cause cancer, or birth defects or other reproductive harm." Battery ports, terminals, and related accessories contain lead and lead compounds, chemicals known to the State of California to cause cancer and reproductive harm. Batteries also contain other chemicals known to the State of California to cause cancer. The following chemicals identified to exist in the finished product as distributed into commerce are known to the State of California to cause cancer, birth defects or to cause reproductive harm: 1. Strong inorganic acid mists including sulfuric acid: CAS #: NA; 16-18% wt 2. Lead: CAS #: 7439-92-1; 71-76% wt. 3. Antimony oxide: CAS #: 7440-36-0; <0.6%wt. This product is not regulated as a consumer product for purposes of CARB/OTC VOC Regulations, as sold for the intended purpose and into the industrial/commercial supply chain.

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PREPARED FOR



5001 Executive Parkway, 4W550H
San Ramon, California 94583

Vendor:



AT&T Site ID:

CCU5582

AT&T SITE NO: CCU5582

PAGE NO: MRSFR012544

DRAWN BY: PS

CHECKED BY: IW

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9	12/18/17	PLANNING COMMENTS
8	12/12/17	PLANNING COMMENTS
7	11/01/17	ETICS SOW
6	09/27/17	PLANNING COMMENTS
5	05/09/17	RF & CIVIL CM COMMENTS
4	04/06/17	REVISED RIDS
3	03/14/17	PLAN CHECK COMMENTS
2	01/19/17	REVISED SURVEY
1	12/05/16	REVISED SURVEY
0	08/23/16	ZD 100%
A	08/09/16	ZD 90%
REV	DATE	DESCRIPTION

Licenser:

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

Issued For:

SITE NUMBER: CCU5582
USULTAN RESTAURANTE

2990 24TH STREET
SAN FRANCISCO, CA
94110

SHEET TITLE:

MATERIAL SAFETY DATA SHEET
& LEAD ACID BATTERY - 1

SHEET NUMBER:

GN-3

Country/Organization	Identification	Notifications/Warning											
Canada	All chemical substances in this product are listed on the CEPA DSL/NDSL or are exempt from list requirements.												
	NPRI and Ontario Regulation 127/01	This product contains the following chemicals subject to the reporting requirements of Canada NPRI and/or Ont. Reg. 127/01: <table><tr><td>Chemical</td><td>CAS #</td><td>%wt</td></tr><tr><td>Lead</td><td>7439-92-1</td><td>71-76</td></tr><tr><td>Sulfuric acid</td><td>7664-93-9</td><td>16-18</td></tr><tr><td>Antimony oxide</td><td>1309-64-4</td><td><0.6</td></tr></table>	Chemical	CAS #	%wt	Lead	7439-92-1	71-76	Sulfuric acid	7664-93-9	16-18	Antimony oxide	1309-64-4
Chemical	CAS #	%wt											
Lead	7439-92-1	71-76											
Sulfuric acid	7664-93-9	16-18											
Antimony oxide	1309-64-4	<0.6											
EU	Toxic Substances List	Lead											
	European Inventory of Existing Commercial Chemical Substances (EINECS):	All ingredients remaining in the finished product as distributed into commerce are exempt from, or included on, the European Inventory of Existing Commercial Chemical Substances.											
XVI. OTHER INFORMATION													
DATE ISSUED: SEPTEMBER 17, 2012													
OTHER INFORMATION:		Distribution into Quebec to follow Canadian Controlled Product Regulations (CPR) 24(1) and 24(2).											
SOURCES OF INFORMATION:		Distribution into the EU to follow applicable Directives to the Use, Import/Export of the product as-sold. International Agency for Research on Cancer (1987), IARC Monographs on the Evaluation of Carcinogenic Risks to Humans: Overall Evaluations of Carcinogenicity: An updating of IARC Monographs Volumes 1-42, Supplement 7, Lyon, France. Ontario Ministry of Labor Regulation 654/86, Regulations Respecting Exposure to Chemical or Biological Agents.											
PREPARED BY:		GNB INDUSTRIAL POWER A DIVISION OF EXIDE TECHNOLOGIES 3950 SUSSEX AVENUE AURORA, IL 60504-7932											
VENDEE AND THIRD PERSONS ASSUME THE RISK OF INJURY PROXIMATELY CAUSED BY THE MATERIAL IF REASONABLE SAFETY PROCEDURES ARE NOT FOLLOWED AS PROVIDED FOR IN THE DATA SHEET, AND VENDOR SHALL NOT BE LIABLE FOR INJURY TO VENDEE OR THIRD PERSONS PROXIMATELY CAUSED BY ABNORMAL USE OF THE MATERIAL EVEN IF REASONABLE PROCEDURES ARE FOLLOWED.													
ALL PERSONS USING THIS PRODUCT, ALL PERSONS WORKING IN AN AREA WHERE THIS PRODUCT IS USED, AND ALL PERSONS HANDLING THIS PRODUCT SHOULD BE FAMILIAR WITH THE CONTENTS OF THIS DATA SHEET. THIS INFORMATION SHOULD BE EFFECTIVELY COMMUNICATED TO EMPLOYEES AND OTHERS WHO MIGHT COME IN CONTACT WITH THE PRODUCT.													
WHILE THE INFORMATION ACCUMULATED AND SET FORTH HEREIN IS BELIEVED TO BE ACCURATE AS OF THE DATE HEREOF, EXIDE TECHNOLOGIES MAKES NO WARRANTY WITH RESPECT THERETO AND DISCLAIMS ALL LIABILITY FROM RELIANCE THEREON. RECIPIENTS ARE ADVISED TO CONFIRM IN ADVANCE OF NEED THAT THE INFORMATION IS CURRENT, APPLICABLE, AND SUITABLE FOR THEIR PARTICULAR CIRCUMSTANCES.													
ANY PHOTOCOPY MUST BE OF THIS ENTIRE DOCUMENT													

BATTERY INFORMATION																	
BATTERY MODEL	TOTAL # OF BATTERY UNITS INSTALLED (EA)	TOTAL ELECTROLYT E VOLUME (GALLONS) PER UNIT	TOTAL ELECTROLYT E WEIGHT (LBS) PER UNIT	TOTAL SULFURIC ACID VOLUME (GALLONS) PER UNIT	TOTAL SULFURIC ACID WEIGHT (LBS) PER UNIT	% SULFURIC ACID BY VOLUME =	TOTAL SULFURIC ACID <u>VOLUME/UNIT</u> TOTAL ELECTROLYTE VOLUME/UNIT	TOTAL SULFURIC ACID BY VOLUME (GALLONS) =	TOTAL # OF UNITS x TOTAL SULFURIC ACID VOLUME/UNIT	% SULFURIC ACID BY WEIGHT =	TOTAL SULFURIC ACID <u>WEIGHT/UNIT</u> TOTAL ELECTROLYTE WEIGHT/UNIT	TOTAL SULFURIC ACID BY WEIGHT (LBS) =	TOTAL # OF UNITS x TOTAL SULFURIC ACID WEIGHT/UNIT	TOTAL ELECTROLYT E BY VOLUME (GALLONS) =	TOTAL # OF UNITS x TOTAL ELECTROLYTE VOLUME/UNIT	TOTAL ELECTROLYT E BY WEIGHT (LBS) =	TOTAL # OF UNITS x TOTAL ELECTROLYTE WEIGHT/UNIT
GNB INDUSTRIAL POWER MARATHON - M12V180FT	12	2.47	27.27	0.74	11.44	29.96%		8.88		41.95%		137.28		29.64		327.24	



From the World Leader in VRLA Battery Technology

Designed for durability in Telecommunications and Electric Utility applications, the GNB® Industrial Power Front Terminal MARATHON® series provides high performance and reliability in long duration discharge applications. The location of the terminals on the front (vs. the top) of the battery greatly facilitates the installation and maintenance of the product when placed in a cabinet enclosure or on a standard relay rack tray. The MARATHON® Front Terminal battery series highlights another example of GNB's extensive experience and worldwide leadership in VRLA technology.

“Designed-in” Quality Manufacturing

Quality manufacturing processes for the MARATHON® series batteries incorporate the industry's most advanced technologies including: an automated helium leak detection system, a computer controlled “fill by weight” acid filler, and a temperature controlled water bath formation process. Each and every unit is capacity tested.

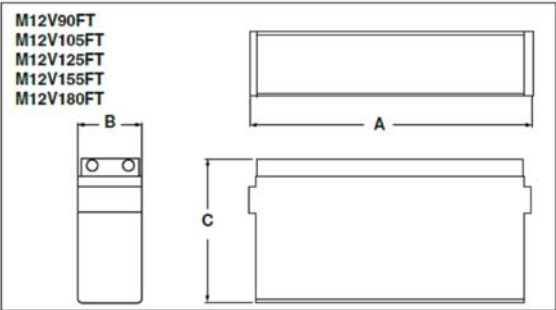
High Performance MARATHON® Features

- Patented “Diamond Side-Wall” Design maintains structural integrity in higher operating temperatures
- Durable Flame Retardant Polypropylene Container and Cover complies with UL94 V-0; 28% L.O.I.
- Carry Handles facilitate ease of installation
- High-Compression Absorbent Glass Mat (AGM) Technology ensures greater than 99% recombination efficiency
- Integrated Flash Arrestor ultrasonically welded into cover for secure and safe protection
- 10 Year Design Life in float applications @ 25°C (77°F); 12 year @ 20°C (68°F)
- Superior Lead-Tin-Calcium Positive Alloy helps to resist corrosion
- Higher Vent Opening Pressure minimizes unnecessary gassing; one-way self resealing device
- Front Accessible Copper Alloy, 6 mm, Female Terminals ensures low resistance, high integrity connections
- “Easy On/Easy Off” Terminal Post Protector provides added safety
- Post Design accommodates voltage / diagnostic probes
- Footprint Ready fits in all standard 23” Relay Rack Applications
- Compliance: Designed in accordance with IEC 60896-21/-22
- No Transport Restrictions: Complies with IATA/ICAO Special Provision A67; DOT-CFR Title 49; IMDG Amendment 34-08

UL Recognized Component



MARATHON® Front Terminal Specifications		Capacity (AH)		Nominal Dimensions						Nominal Weight	
		8hr To 1.75 VPC @ 25°C	10hr To 1.80 VPC @ 20°C	Inches			Millimeters			lbs.	kg
				A	B	C	A	B	C		
M12V90FT	12	86	86	15.55	4.13	10.63	395	105	270	70	31.5
M12V105FT	12	104	100	20.12	4.33	9.38	511	110	238	79	35.8
M12V125FT	12	125	121	22.00	4.90	11.15	559	124	283	105	47.6
M12V155FT	12	155	150	22.00	4.90	11.15	559	124	283	119	53.8
M12V180FT	12	180	175	22.00	4.90	12.50	559	124	318	133	60.0



Float Voltage & Charging

Constant Voltage charging is recommended
Recommended float voltage: 2.27 VPC @ 25°C (77°F)
Float Voltage Range: 2.25 to 2.30 VPC @ 25°C (77°F)
Equalize voltage: 2.35 VPC for 24 Hours or 2.40 VPC for 12 Hours

NOTE: Design and/or specifications subject to change without notice. If questions arise, contact your local GNB sales representative for clarification.

MARATHON® Front Terminal Electrical Data		
Model Number	Short Circuit Current Amps	Internal Resistance (mOhms)
M12V90FT	2358	4.5
M12V105FT	3125	4.0
M12V125FT	3814	3.2
M12V155FT	3883	3.0
M12V180FT	4147	3.0

PREPARED FOR



Vendor:



AT&T Site ID:

CCU5582

AT&T SITE NO: CCU5582

PAGE NO: MRSFR012544

DRAWN BY: PS

CHECKED BY: IW

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SITE NUMBER: CCU5582
USULTAN RESTAURANTE

2990 24TH STREET
SAN FRANCISCO, CA
94110

SHEET TITLE:

MATERIAL SAFETY DATA SHEET
& LEAD ACID BATTERY - 2

SHEET NUMBER:

GN-4



1 PHOTOSIMS

AT&T Mobility • Proposed Base Station (Site No. CCL05582)
2990 24th Street • San Francisco, California
FA No. 12922722, USID No. 161356, PA No. 3701A069CL

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. CCL05582) proposed to be located at 2990 24th 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 an 11-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)	5-80 GHz	5.00 mW/cm ²	1.00 mW/cm ²
WiFi (and unlicensed uses)	2-6	5.00	1.00
BRS (Broadband Radio)	2,600 MHz	5.00	1.00
WCS (Wireless Communication)	2,500	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	2.35	0.57
700 MHz	700	2.40	0.48
[most restrictive frequency range]	30-300	1.00	0.20

Checklist

Reference has been made to information provided by AT&T, including zoning drawings by JS Infrastructure Partners, dated May 2, 2018. It should be noted that the calculation results in this Statement include several "worst-case" assumptions and therefore are expected to overstate actual power density levels from the proposed operations.

- The location, identity, and total number of all operational radiating antennas installed at this site.
There are reported no wireless base stations installed at the site, a three-story mixed-use building at the northeast corner of the intersection between 24th and Harrison Streets.
- List all radiating antennas located within 100 feet of the site that could contribute to the cumulative radio frequency energy at this location.
There are reported no other WTS facilities within 100 feet of the site.
- Provide a narrative description of the proposed work for this project.
AT&T proposes to install nine antennas. This is consistent with the scope of work described in the drawings for transmitting elements.

AT&T Mobility • Proposed Base Station (Site No. CCL05582)
2990 24th Street • San Francisco, California
FA No. 12922722, USID No. 161356, PA No. 3701A069CL

4. *Provide an inventory of the make and model of antennas or transmitting equipment being installed or removed.*

AT&T proposes to install nine CCI directional panel antennas: six Model HPA-45R-BUJ-44 and three Model BSA-M55R-BUJ-44. The nine antennas would employ up to 14" down tilt and would be oriented in groups of three toward 80°T, 225°T, and 310°T. The antennas would be mounted behind view screens to be constructed on the penthouse at the north side of the building at an effective height of about 391 feet above ground, 6 feet above the roof.

5. *Describe the existing radio frequency energy environment at the nearest walking/working surface to the antennas and at ground level. This description may be based on field measurements or calculations.*

Because there are no antennas at the site presently, existing RF levels for a person on the roof near the proposed antenna locations are presumed to be well below the applicable public exposure limit. The maximum power density measured for a person anywhere on the ground was 0.000072 mW/cm², which is 0.036% of the most restrictive public limit.

6. *Provide the maximum effective radiated power per sector for the proposed installation. The power should be reported in watts and reported both as a total and broken down by frequency band.*

The maximum effective radiated power proposed by AT&T in any direction would be 17,420 watts, representing simultaneous operation at 3,200 watts for WCS, 5,280 watts for AWS, 4,620 watts for PCS, 1,800 watts for cellular, and 2,520 watts for 700 MHz service.

7. *Describe the maximum cumulative predicted radio frequency energy level for any nearby publicly accessible building or area.*

The maximum calculated level at any nearby building would be 50% of the public exposure limit; this occurs at the adjacent two-story residential building located at 2966 24th Street.

8. *Report the estimated cumulative radio frequency fields for the proposed site at ground level.*

For a person anywhere at ground, the maximum RF exposure level due to the proposed AT&T operation is calculated to be 0.24 mW/cm², which is 26% of the applicable public exposure limit. Cumulative RF levels at ground level near the site are therefore estimated to be less than 27% of the applicable public limit.

AT&T Mobility • Proposed Base Station (Site No. CCL05582)
2990 24th Street • San Francisco, California
FA No. 12922722, USID No. 161356, PA No. 3701A069CL

9. *Provide the maximum distance (in feet) the three dimensional perimeter of the radio frequency energy level equal to the public and occupational exposure limit is calculated to extend from the face of the antennas.*

The three-dimensional perimeters of RF levels equal to the public and occupational exposure limits are calculated to extend up to 91 and 37 feet out from the antenna faces, respectively, and to much lesser distances above, below, and to the sides; this does not reach any publicly accessible areas.

10. *Provide a description of whether or not the public has access to the antennas. Describe any existing or proposed warning signs, barricades, barriers, rooftop striping or other safety precautions for people near the equipment as may be required by any applicable FCC-adopted standards.*

It is recommended that barricades be erected, as shown in Figure 1, to preclude inadvertent access by unauthorized persons to areas in front of the antennas. To prevent occupational exposures in excess of the FCC guidelines, it is recommended that appropriate RF safety training, to include review of personal monitor use and lockout/tagout procedures, be provided to all authorized personnel who have access to the structure, including employees and contractors of AT&T and of the property owner. No access within 37 feet directly in front of the AT&T antennas themselves, such as might occur during certain maintenance activities, should be allowed while the base station is in operation, unless other measures can be demonstrated to ensure that occupational protection requirements are met. It is recommended that "Worker Notification Areas" be marked with yellow paint stripes and that "Prohibited Access Areas" be marked with red paint stripes on the roof of the building, as shown in figure 1, to identify areas within which exposure levels are calculated to exceed the FCC public and occupational limits, respectively. It is recommended that explanatory signs be posted at the roof access door, on the barricades, and on the screens in front of the antennas, readily visible from any angle of approach to persons who might need to work within that distance.

11. *Statement of authorship and qualification.*


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, 2019. 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.

AT&T Mobility • Proposed Base Station (Site No. CCL05582)
2990 24th Street • San Francisco, California
FA No. 12922722, USID No. 161356, PA No. 3701A069CL

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 2990 24th Street in San Francisco, California, can comply with the prevailing standards for limiting human exposure to radio frequency energy and, therefore, need 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. Erecting barricades is recommended to establish compliance with public exposure limits; training authorized personnel, marking roof areas, and posting explanatory signs are recommended to establish compliance with occupational exposure limits.

May 9, 2018



William F. Hammett, P.E.
707.996.5200

AT&T Mobility • Proposed Base Station (Site No. CCL05582)
2990 24th Street • San Francisco, California
FA No. 12922722, USID No. 161356, PA No. 3701A069CL

Calculated RF Exposure Levels on Roof

Recommended Mitigation Measures

- Install secure barricades
- Stripe roof areas as shown
- Post explanatory signs
- Provide training



Notes: See text.
Base drawing from JS Infrastructure Partners, dated May 2, 2018.
Calculations performed according to OET Bulletin 65, August 1997.

Legend:


	Less Than Public	Exceeds Public	Exceeds Occupational	Exceeds 10x Occupational
Striping color	Blank	Yellow	Red	N/A
Sign type	Green INFORMATION	Blue NOTICE	Yellow CAUTION	Orange WARNING

Barricades shown as green lines

HAMMETT & EDISON, INC.
CONSULTING ENGINEERS
SAN FRANCISCO


XSWT.2
Page 1 of 4

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5001 Executive Parkway, 4W550H
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AT&T SITE NO: CCU5582

PAGE NO: MRSFR012544

DRAWN BY: PS

CHECKED BY: IW

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0	08/23/16	ZD 100%
A	08/09/16	ZD 90%
REV	DATE	DESCRIPTION

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SITE NUMBER: CCU5582
USULTAN RESTAURANTE

2990 24TH STREET
SAN FRANCISCO, CA
94110

SHEET TITLE:

PHOTOSIMS & EME REPORT

SHEET NUMBER:

GN-5

2 EME REPORT



San Francisco City and County
Department of Public Health
Environmental Health Branch

Mark Farrell, Mayor
Barbara Garcia, Director of Health
Stephanie K.J. Cushing, MSPH, CHMM, REHS
Director of Environmental Health

Review of Cellular Antenna Site Proposals

Project Sponsor : AT&T Wireless Planner: Elizabeth Watty

RF Engineer Consultant: Hammett & Edison Phone Number: (707) 996-5200

Project Address/Location: 2990 24TH St

Site ID: 1880 SiteNo.: CCU5582 Report Dated: 5/9/2018

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, identity and total number of all operational radiating antennas installed at this site was provided. (WTS-FSG, Section 10.4.1, Section 11, 2b)

Number of Existing Antennas: 0

X 2. A list of all radiating antennas located within 100 feet of the site which could contribute to the cumulative radio frequency energy at this location was provided. (WTS-FSG, Section 10.5.2)

Yes No

X 3. A narrative description of the proposed work for this project was provided. The description should be consistent with scope of work for the final installation drawings. (WTS-FSG, Section 10)

Yes No

X 4. An inventory of the make and model of antennas or transmitting equipment being installed or removed was provided. The antenna inventory included the proposed installation height above the nearest walking/working surface, the height above ground level and the orientations of the antennas. (WTS-FSG, Section 10.5.2)

Yes No

X 5. A description of the existing radio frequency energy environment at the nearest walking/working surface to the antennas and at ground level was provided. A description of any assumptions made when doing the calculations was also provided. (WTS-FSG, Section 10.4.1a, Section 10.4.1c Section 10.5)

Yes No

X 6. The maximum effective radiated power per sector for the proposed installation was provided along with the frequency bands used by the antennas. (WTS-FSG, Section 10.1.2, Section 10.5.1)

Maximum Effective Radiated Power: 17420 Watts

X 7. Based on the antenna orientation, the maximum cumulative predicted radio frequency energy level for any nearby publicly accessible building or area was provided. (WTS-FSG, Section 10.4, Section 10.5.1)

Maximum percent of applicable FCC public standard at the nearest building or structure: 50 %

Distance to this nearby building or structure: 104 feet

X 8. The estimated maximum cumulative radio frequency fields for the proposed site at ground level. (WTS-FSG, Section 10.5)

Maximum RF Exposure: 0.24 mW/cm² Maximum RF Exposure Percent: 25 %

X 9. The maximum distance (in feet) the three dimensional perimeter of the radio frequency energy level equal to the public and occupational exposure limit is calculated to extend from the face of the antennas was provided. Any potential walking/working surfaces exceeding regulatory standards were identified. (WTS-FSG, Section 10.9.2)

Public Exclusion Area Occupational Exclusion Area Public Exclusion In Feet: 91 Occupational Exclusion In Feet: 37

X 10. A description of whether or not the public has access to the antennas was provided. A description was also provided of any existing or proposed warning signs, barricades, barriers, rooftop stripping or other safety precautions for people nearing the equipment as may be required by any applicable FCC-adopted standards. All signs will be provided in English, Spanish and Chinese. (WTS-FSG, Section 9.5, Section 10.9.2)

Yes No

X 11. Statement regarding the engineer who produced the report and their qualifications was provided. The engineer is licensed in the State of California. (WTS-FSG, Section 11.8)

Yes No

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 CFR47.1.1310 Approval of the subsequent Project Implementation Report is based on project sponsor completing recommendations by project consultant and DPH.

Comments:

There are no antennas existing operated by AT&T Wireless installed on the roof top of the building at 2990 24TH St. Existing RF levels at ground level were around 1% of the FCC public exposure limit. No other antennas were observed within 100 feet of this site. AT&T Wireless proposes to install 9 new antennas. The antennas are mounted at a height of 39.5 feet above the ground and 6 feet above the roof. The estimated ambient RF field from the proposed AT&T Wireless transmitters at ground level is calculated to be 0.24 mW/cm², which is 25 % of the FCC public exposure limit. The three dimensional perimeter of RF levels equal to the public exposure limit extends 91 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 37 feet of the front of the antennas while they are in operation. Barricades shall be installed to prevent access to antennas by unauthorized persons.

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 Sponsor)

Dated: 5/11/2018

Signed: Arthur Duque
Environmental Health Management Section
San Francisco Dept. of Public Health
1390 Market St., Suite 210,
San Francisco, CA, 94102
(415) 252-3966

Project Sponsor : AT&T Wireless Planner: Elizabeth Watty

RF Engineer Consultant: Hammett & Edison Phone Number: (707) 996-5200

Project Address/Location: 2990 24TH St

Site ID: 1880 SiteNo.: CCU5582 Report Dated: 5/9/2018

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Yes No

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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 Sponsor)

Dated: 5/11/2018

Signed: Arthur Duque
Environmental Health Management Section
San Francisco Dept. of Public Health
1390 Market St., Suite 210,
San Francisco, CA, 94102
(415) 252-3966

PREPARED FOR



Vendor:



AT&T Site ID:

CCU5582

AT&T SITE NO: CCU5582

PAGE NO: MRSFR012544

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0	08/23/16	ZD 100%
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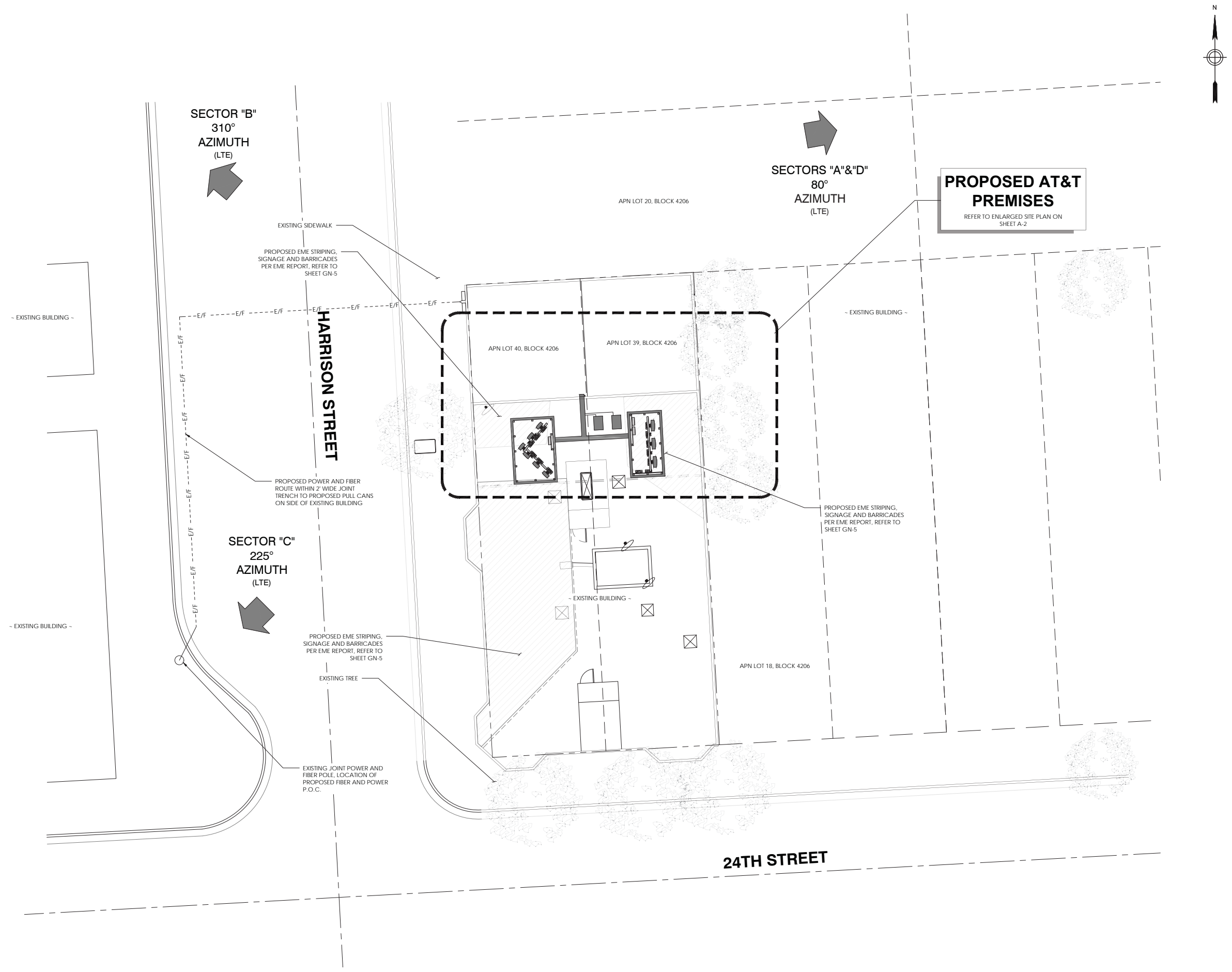
2990 24TH STREET
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94110

SHEET TITLE:

SF DPH APPROVAL LETTER

SHEET NUMBER:

GN-6



1 OVERALL SITE PLAN
SCALE: 1" = 10'-0"

NOTE:
1. NEW FRP SCREEN WALLS TO BE PAINTED AND TEXTURED TO MATCH EXISTING BUILDING EXTERIOR



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5001 Executive Parkway, 4W550H
San Ramon, California 94583

Vendor:

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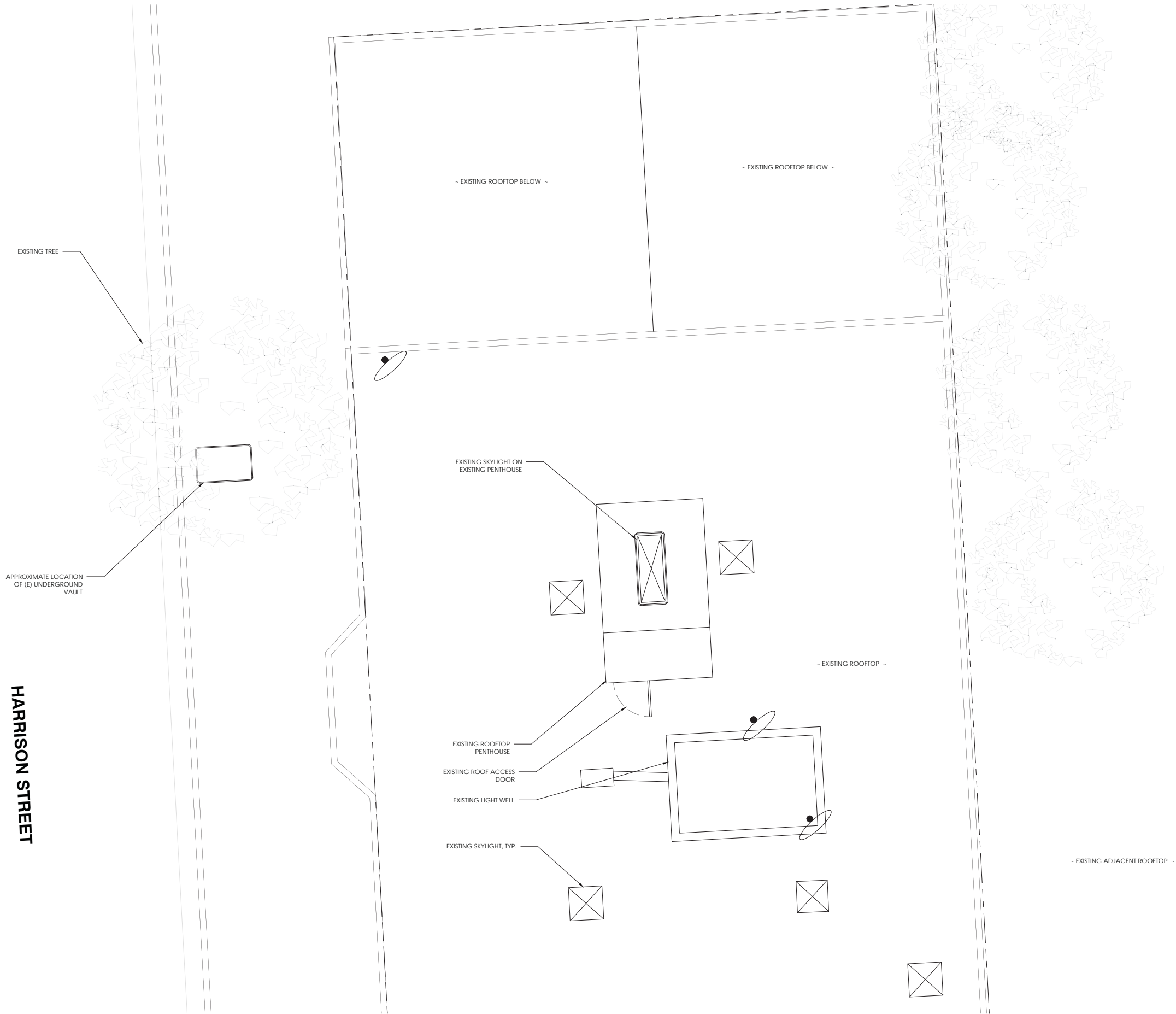
2990 24TH STREET
SAN FRANCISCO, CA 94110

SHEET TITLE:

OVERALL SITE PLAN

SHEET NUMBER:

A-1



1 EXISTING ENLARGED SITE PLAN
SCALE: 1/4" = 1'-0"



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PACE NO: MRSFR012544

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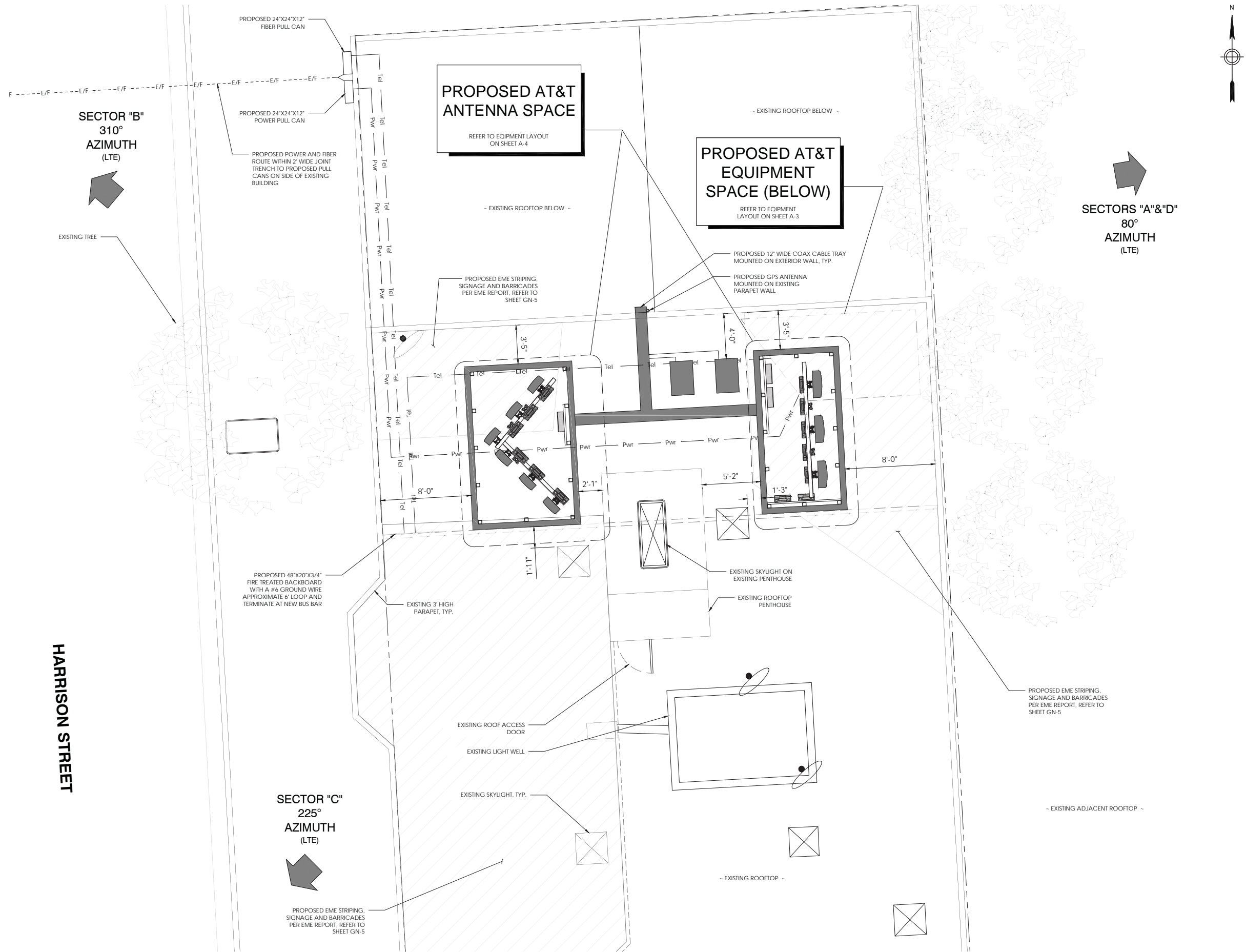
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SHEET TITLE:

EXISTING ENLARGED SITE PLAN

SHEET NUMBER:

A-2



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Vendor:

5 INFRASTRUCTURE
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CCU5582

AT&T SITE NO: CCU5582

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SHEET TITLE:

PROPOSED ENLARGED SITE PLAN

SHEET NUMBER:

A-2.1

1 PROPOSED ENLARGED SITE PLAN
SCALE: 1/4" = 1'-0"

NOTE:
1. NEW FRP SCREEN WALLS TO BE PAINTED AND TEXTURED TO MATCH EXISTING BUILDING EXTERIOR



Vendor:



A&S Site ID:

CCU5582

AT&T SITE NO: CCU5582

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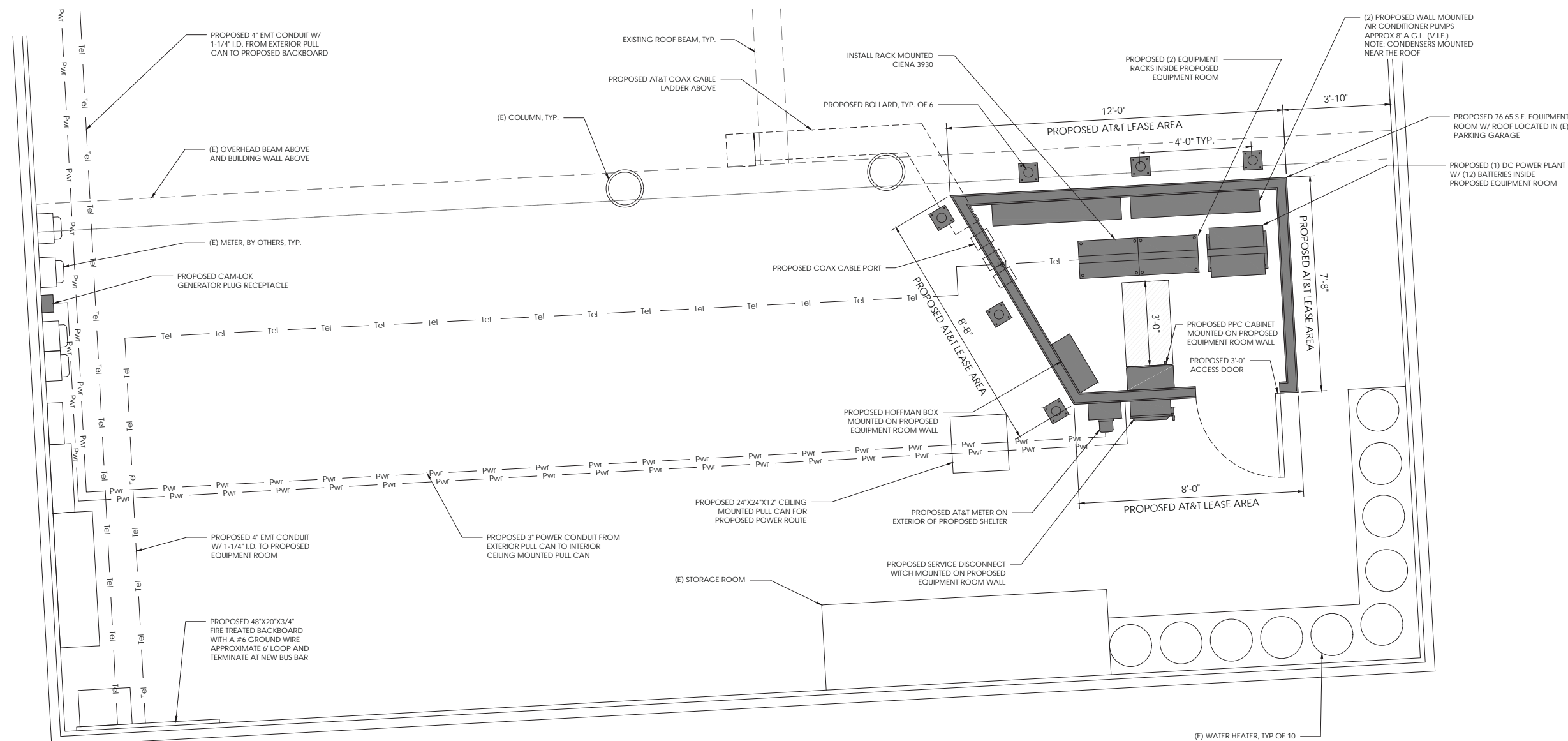
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94110

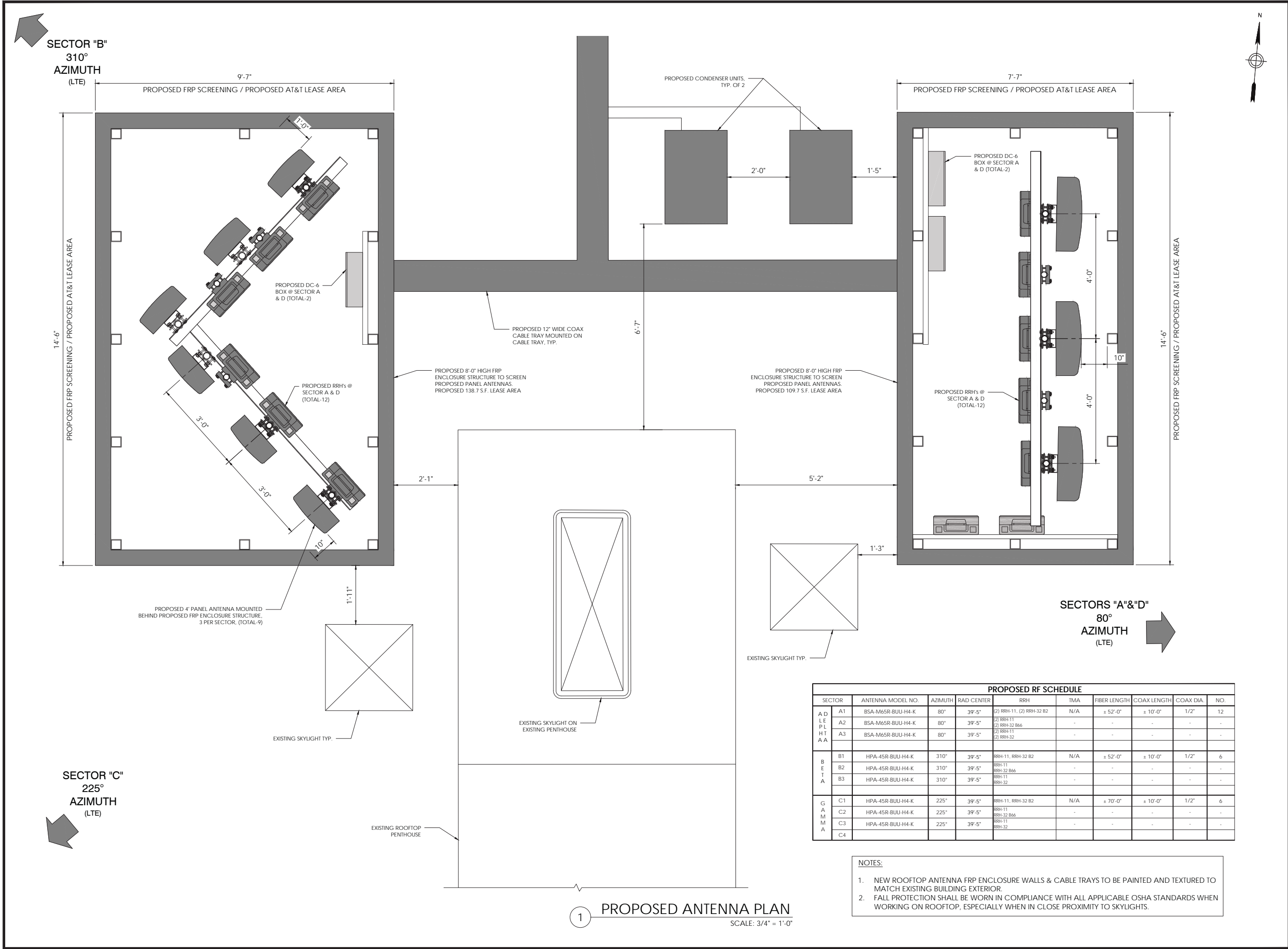
SHEET TITLE:
PROPOSED EQUIPMENT
LAYOUT

SHEET NUMBER:

A-3



1 PROPOSED EQUIPMENT LAYOUT



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San Ramon, California 94583

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AT&T Site ID:

CCU5582

AT&T SITE NO: CCU5582

PACE NO: MRSFR012544

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SAN FRANCISCO, CA
94110

SHEET TITLE:

PROPOSED ANTENNA PLAN

SHEET NUMBER:

A-4



1 EXISTING WEST ELEVATION
SCALE: 3/16" = 1'-0"



2 PROPOSED WEST ELEVATION
SCALE: 3/16" = 1'-0"

PREPARED FOR

5001 Executive Parkway, 4W550H
San Ramon, California 94583

Vendor:

AZ - CA - CO - ID - NM - NV - TX - UT

AT&T Site ID:
CCU5582

AT&T SITE NO: CCU5582
PACE NO: MRSFR012544
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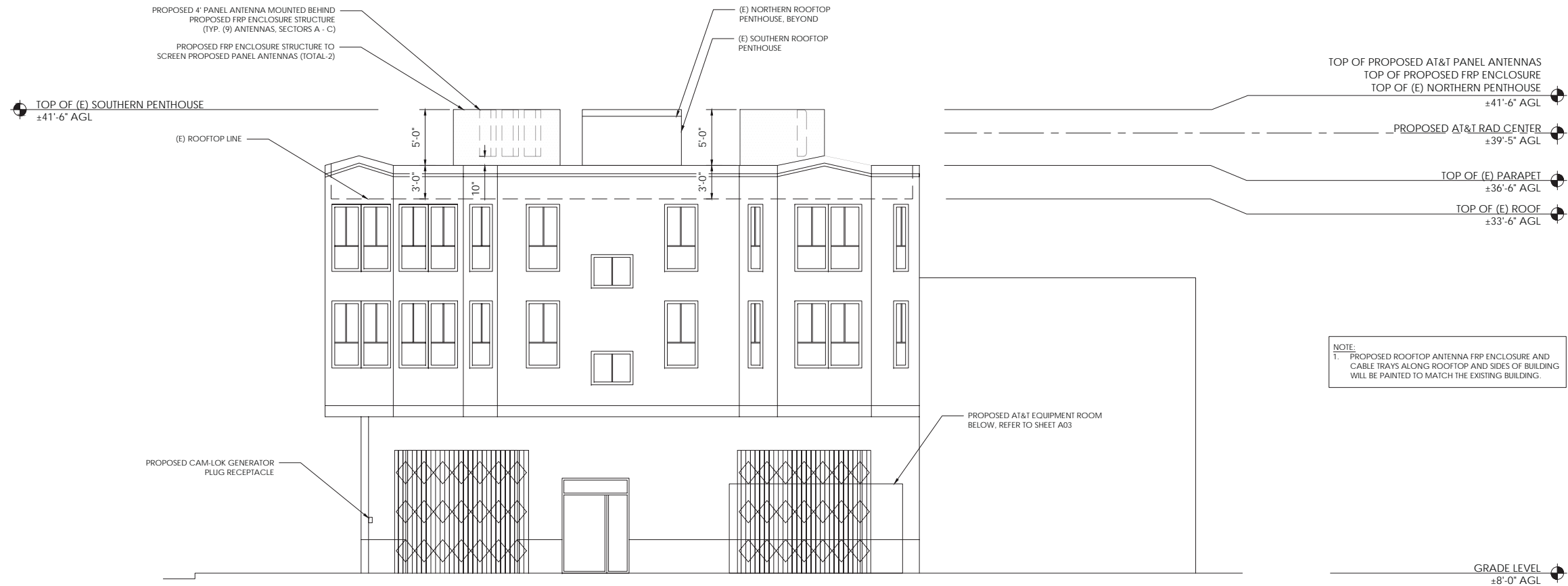
2990 24TH STREET
SAN FRANCISCO, CA 94110

SHEET TITLE:
EXISTING AND PROPOSED WEST ELEVATION

SHEET NUMBER:
A-4.1



1 EXISTING SOUTH ELEVATION
SCALE: 3/16" = 1'-0"



2 PROPOSED SOUTH ELEVATION
SCALE: 3/16" = 1'-0"

PREPARED FOR

5001 Executive Parkway, 4W550H
San Ramon, California 94583

Vendor:

AZ - CA - CO - ID - NM - NV - TX - UT

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SITE NUMBER: CCU5582
USULTAN RESTAURANTE

2990 24TH STREET
SAN FRANCISCO, CA 94110

SHEET TITLE:
EXISTING AND PROPOSED SOUTH ELEVATION

SHEET NUMBER:
A-4.2

10 NOT USED
NTS

9 NOT USED
NTS

NOTES:
THE ELEVATION AND LOCATION OF THE GPS ANTENNA SHALL BE IN ACCORDANCE WITH THE FINAL REPORT

GPS UNIT (5" X 3.2"Ø)

PIPE CLAMP
ALTERNATE WHERE ATTACHING TO POST IN LIEU

1/2" COAX TYP UNO

8 GPS DETAIL
NTS

7 HORIZONTAL CABLE TRAY
NTS

NOTES:
1. RUN #2 AWG BCW GROUND CONDUCTOR ALONG OUTSIDE OF CABLE TRAY PER ELEC. AND GROUNDING AT BOTH ENDS
2. CABLE TRAYS SHALL BE FREE OF SHARP OBJECTS AND BURRS WHICH COULD INJURE CABLES. COVERS SHOULD BE FASTENED USING HOLD DOWN CLIPS. SHEET METAL SCREWS ARE NOT ACCEPTABLE.
3. PROVIDE HURRICANE / WIND CLAMPS EACH SIDE, EACH SUPPORT BLOCK

CABLE TRAY COVER

PROVIDE EDGE PROTECTION AT ALL EXPOSED EDGES

PROVIDE SOLID BOTTOM TRAY AT GRADE

HURRICANE / WIND CLAMPS FASTENED TO UNISTRUT WITH 3/8" X 1-1/4" LONG MACHINE BOLTS TO SPRING NUT.

#2 AWG GREEN INSULATED GROUNDING JUMPER. CONNECT TO ALL CABLE TRAY CONNECTIONS WITH MECHANICAL CONNECTIONS

RUNGS @ 9" O.C., 4" LOADING DEPTH. SUPPORT CABLES WITH TIE-WRAPPS OR STAINLESS STEEL CLAMPS (THREE CLAMPS EVERY 12" TRAY SECTION)

COOPER B-LINE DB20 TRAY SUPPORT. INSTALL @ 4'-0" O.C. OR EQUAL

23" FIF RACK SPECIFICATIONS
NTS

5 DC-6 SPECIFICATIONS
NTS

RAYCAP DC6-48-60-0-1E
SURGE SUPPRESSION SOLUTION

DIMENSIONS: 17.23" WIDE X 16.28" TALL X 6.33" DEEP

WEIGHT: 35 LBS.

17.23"

6.33"

16.28"

EMERSON NETSURE 721 DC POWER SYSTEM

ITEM	WEIGHT/UNIT (LBS)	QTY	TOTAL WEIGHT (LBS)
EMPTY RACK	500	1	500
Rack + Rectifiers & Converters only	605.6	1	605.6
Marathon M12V155FT Battery	119	0	0
Marathon M12V180FT Battery	133	12	1596
TOTAL =			2201.6 LBS

EQUIPMENT SPECIFICATIONS

MFG: TELECT
MODEL: 12623-21
HEIGHT: 84.0 IN
WIDTH: 25.88 IN
DEPTH: 9.63 IN

WEIGHT OF RACK: 105 LBS
MAX WEIGHT: 555 LBS

18.0"

24.4"

25"

23"

12"

14"

3"

84.0"

EMERSON POWER PLANT
NTS

3 RRUS-32 SPECIFICATIONS
NTS

12.10"

KEEP 40" CLEAR FROM FRONT OF RRU

SPECIFICATIONS

MFG: ERICSSON
MODEL: RRUS 32
HEIGHT: 27.2 IN
WIDTH: 12.10 IN
DEPTH: 7.01 IN

WEIGHT: 52.9 LBS

NEAREST OBJECT

16" MIN.

8" MIN.

8" MIN.

12" MIN.

7.01"

27.2"

(N) RRUS 32 MOUNTED TO ANTENNA PIPE MOUNT

(N) MANUFACTURER SUPPLIED HARDWARE

STANDARD GALVANIZED PIPE MOUNT, TYP.

2 RRUS-11 SPECIFICATIONS
NTS

SPECIFICATIONS

MFG / MODEL / PORT: CCI / BSA-M65R-BUU-H4-K / 12-PORT

DIMENSIONS: 49.9" H X 28.5" W X 9.7" D

WEIGHT: 75 LBS (W/ MOUNTING KIT)

SPECIFICATIONS:

MFG / MODEL / PORT: CCI / HPA-45R-BUU-H4-K / HEX

DIMENSIONS: 49.9 H X 18.9" W X 8.3" D

WEIGHT: 39.9 LBS (W/O MOUNTING KIT)

H

W

D

MECHANICAL DOWNTILT BRACKET

ANTENNA SUPPORT PIPE

FRONT

SIDE

PERSPECTIVE

1 GPS DETAIL
NTS

PREPARED FOR

at&t
Mobility

5001 Executive Parkway, 4W550H
San Ramon, California 94583

Vendor:

INFRASTRUCTURE

AZ - CA - CO - ID - NM - NV - TX - UT

AT&T Site ID:

CCU5582

AT&T SITE NO: CCU5582

PAGE NO: MRSFR012544

DRAWN BY: PS

CHECKED BY: IW

REV	DATE	DESCRIPTION
11	05/15/18	PLANNING COMMENTS
10	4/24/18	PLANNING COMMENTS
9	12/18/17	PLANNING COMMENTS
8	12/12/17	PLANNING COMMENTS
7	11/01/17	ETCS SOW
6	09/27/17	PLANNING COMMENTS
5	05/09/17	RF & CIVIL CM COMMENTS
4	04/06/17	REVISED RDS
3	03/14/17	PLAN CHECK COMMENTS
2	01/19/17	REVISED SURVEY
1	12/05/16	REVISED SURVEY
0	08/23/16	ZD 100%
A	08/09/16	ZD 90%

Licensor:

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

Issued For:

SITE NUMBER: CCU5582
USULTAN RESTAURANTE

2990 24TH STREET
SAN FRANCISCO, CA 94110

SHEET TITLE:
DETAILS

SHEET NUMBER:
A-5



EXISTING

PROPOSED: Install antennas inside new FRP screening on rooftop





EXISTING

PROPOSED: Install antennas inside new FRP screening on rooftop





EXISTING

PROPOSED: Install antennas inside new FRP screening on rooftop

**Proposed screen wall not visible
beyond existing evergreen trees**





EXISTING

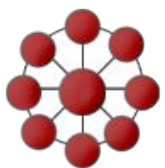
PROPOSED: Install antennas inside new FRP screening on rooftop



Proposed screen wall



VIEWS



Cortel
Photosims

[View Chart](#)



CCU5582
2990 24th Street
San Francisco CA 94110
Rev 3 - 3/19/18

EXHIBIT C



SAN FRANCISCO PLANNING DEPARTMENT

CEQA Categorical Exemption Determination

PROPERTY INFORMATION/PROJECT DESCRIPTION

Project Address		Block/Lot(s)
2990 24TH ST		4206040
Case No.		Permit No.
2016-015674PRJ		
<input checked="" type="checkbox"/> Addition/ Alteration	<input type="checkbox"/> Demolition (requires HRE for Category B Building)	<input type="checkbox"/> New Construction
Project description for Planning Department approval. 2990 24th STREET – northeast corner of the Folsom Street and Main Street intersection, Lot 040 of Assessor's Block 4206 (District 9) - Request for a Conditional Use Authorization, pursuant to Planning Code Sections 303(c) and 763, to install a new rooftop AT&T Mobility Macro Wireless Telecommunications Facility consisting of (2) new FRP enclosures; (9) new antennas; (24) new RRHs; (1) GPS antennas; ancillary equipment; and (1) equipment room within the existing building as part of the AT&T Mobility Telecommunications Network. The subject property is located within the NCT (24th-Mission Neighborhood Commercial Transit), and 55-X Height and Bulk Districts.		

STEP 1: EXEMPTION CLASS

Note: If neither class applies, an <i>Environmental Evaluation Application</i> is required.	
<input type="checkbox"/>	Class 1 - Existing Facilities. Interior and exterior alterations; additions under 10,000 sq. ft.
<input checked="" type="checkbox"/>	Class 3 - New Construction. Up to three new single-family residences or six dwelling units in one building; commercial/office structures; utility extensions; change of use under 10,000 sq. ft. if principally permitted or with a CU.
<input type="checkbox"/>	Class 32 - In-Fill Development. New Construction of seven or more units or additions greater than 10,000 sq. ft. and meets the conditions described below: (a) The project is consistent with the applicable general plan designation and all applicable general plan policies as well as with applicable zoning designation and regulations. (b) The proposed development occurs within city limits on a project site of no more than 5 acres substantially surrounded by urban uses. (c) The project site has no value as habitat for endangered rare or threatened species. (d) Approval of the project would not result in any significant effects relating to traffic, noise, air quality, or water quality. (e) The site can be adequately served by all required utilities and public services. FOR ENVIRONMENTAL PLANNING USE ONLY
<input type="checkbox"/>	Class ____

STEP 2: CEQA IMPACTS

TO BE COMPLETED BY PROJECT PLANNER

If any box is checked below, an *Environmental Evaluation Application* is required.

<input type="checkbox"/>	Air Quality: Would the project add new sensitive receptors (specifically, schools, day care facilities, hospitals, residential dwellings, and senior-care facilities within an Air Pollution Exposure Zone? Does the project have the potential to emit substantial pollutant concentrations (e.g., backup diesel generators, heavy industry, diesel trucks, etc.)? (refer to EP_ArcMap > CEQA Catex Determination Layers > Air Pollution Exposure Zone)
<input type="checkbox"/>	Hazardous Materials: If the project site is located on the Maher map or is suspected of containing hazardous materials (based on a previous use such as gas station, auto repair, dry cleaners, or heavy manufacturing, or a site with underground storage tanks): Would the project involve 50 cubic yards or more of soil disturbance - or a change of use from industrial to residential? If yes, this box must be checked and the project applicant must submit an Environmental Application with a Phase I Environmental Site Assessment. <i>Exceptions: do not check box if the applicant presents documentation of enrollment in the San Francisco Department of Public Health (DPH) Maher program, a DPH waiver from the Maher program, or other documentation from Environmental Planning staff that hazardous material effects would be less than significant (refer to EP_ArcMap > Maher layer).</i>
<input type="checkbox"/>	Transportation: Does the project create six (6) or more net new parking spaces or residential units? Does the project have the potential to adversely affect transit, pedestrian and/or bicycle safety (hazards) or the adequacy of nearby transit, pedestrian and/or bicycle facilities?
<input type="checkbox"/>	Archeological Resources: Would the project result in soil disturbance/modification greater than two (2) feet below grade in an archeological sensitive area or eight (8) feet in a non -archeological sensitive area? (refer to EP_ArcMap > CEQA Catex Determination Layers > Archeological Sensitive Area)
<input type="checkbox"/>	Subdivision/Lot Line Adjustment: Does the project site involve a subdivision or lot line adjustment on a lot with a slope average of 20% or more? (refer to EP_ArcMap > CEQA Catex Determination Layers > Topography)
<input type="checkbox"/>	Slope = or > 20%: Does the project involve any of the following: (1) square footage expansion greater than 1,000 sq. ft. outside of the existing building footprint, (2) excavation of 50 cubic yards or more of soil, (3) new construction? (refer to EP_ArcMap > CEQA Catex Determination Layers > Topography) If box is checked, a geotechnical report is required.
<input type="checkbox"/>	Seismic: Landslide Zone: Does the project involve any of the following: (1) square footage expansion greater than 1,000 sq. ft. outside of the existing building footprint, (2) excavation of 50 cubic yards or more of soil, (3) new construction? (refer to EP_ArcMap > CEQA Catex Determination Layers > Seismic Hazard Zones) If box is checked, a geotechnical report is required.
<input type="checkbox"/>	Seismic: Liquefaction Zone: Does the project involve any of the following: (1) square footage expansion greater than 1,000 sq. ft. outside of the existing building footprint, (2) excavation of 50 cubic yards or more of soil, (3) new construction? (refer to EP_ArcMap > CEQA Catex Determination Layers > Seismic Hazard Zones) If box is checked, a geotechnical report will likely be required.

If no boxes are checked above, GO TO STEP 3. If one or more boxes are checked above, an *Environmental Evaluation Application* is required, unless reviewed by an Environmental Planner.

Comments and Planner Signature (optional): Ashley Lindsay

STEP 3: PROPERTY STATUS - HISTORIC RESOURCE
TO BE COMPLETED BY PROJECT PLANNER

PROPERTY IS ONE OF THE FOLLOWING: (refer to Parcel Information Map)	
<input type="checkbox"/>	Category A: Known Historical Resource. GO TO STEP 5.
<input checked="" type="checkbox"/>	Category B: Potential Historical Resource (over 45 years of age). GO TO STEP 4.
<input type="checkbox"/>	Category C: Not a Historical Resource or Not Age Eligible (under 45 years of age). GO TO STEP 6.

STEP 4: PROPOSED WORK CHECKLIST
TO BE COMPLETED BY PROJECT PLANNER

Check all that apply to the project.	
<input type="checkbox"/>	1. Change of use and new construction. Tenant improvements not included.
<input type="checkbox"/>	2. Regular maintenance or repair to correct or repair deterioration, decay, or damage to building.
<input type="checkbox"/>	3. Window replacement that meets the Department's <i>Window Replacement Standards</i> . Does not include storefront window alterations.
<input type="checkbox"/>	4. Garage work. A new opening that meets the <i>Guidelines for Adding Garages and Curb Cuts</i> , and/or replacement of a garage door in an existing opening that meets the Residential Design Guidelines.
<input type="checkbox"/>	5. Deck, terrace construction, or fences not visible from any immediately adjacent public right-of-way.
<input checked="" type="checkbox"/>	6. Mechanical equipment installation that is not visible from any immediately adjacent public right-of-way.
<input type="checkbox"/>	7. Dormer installation that meets the requirements for exemption from public notification under <i>Zoning Administrator Bulletin No. 3: Dormer Windows</i> .
<input type="checkbox"/>	8. Addition(s) that are not visible from any immediately adjacent public right-of-way for 150 feet in each direction; does not extend vertically beyond the floor level of the top story of the structure or is only a single story in height; does not have a footprint that is more than 50% larger than that of the original building; and does not cause the removal of architectural significant roofing features.
Note: Project Planner must check box below before proceeding.	
<input type="checkbox"/>	Project is not listed. GO TO STEP 5.
<input type="checkbox"/>	Project does not conform to the scopes of work. GO TO STEP 5.
<input type="checkbox"/>	Project involves four or more work descriptions. GO TO STEP 5.
<input checked="" type="checkbox"/>	Project involves less than four work descriptions. GO TO STEP 6.

STEP 5: CEQA IMPACTS - ADVANCED HISTORICAL REVIEW
TO BE COMPLETED BY PROJECT PLANNER

Check all that apply to the project.	
<input type="checkbox"/>	1. Project involves a known historical resource (CEQA Category A) as determined by Step 3 and conforms entirely to proposed work checklist in Step 4.
<input type="checkbox"/>	2. Interior alterations to publicly accessible spaces.
<input type="checkbox"/>	3. Window replacement of original/historic windows that are not "in-kind" but are consistent with existing historic character.
<input type="checkbox"/>	4. Façade/storefront alterations that do not remove, alter, or obscure character-defining features.
<input type="checkbox"/>	5. Raising the building in a manner that does not remove, alter, or obscure character-defining features.
<input type="checkbox"/>	6. Restoration based upon documented evidence of a building's historic condition, such as historic photographs, plans, physical evidence, or similar buildings.

<input type="checkbox"/>	7. Addition(s) , including mechanical equipment that are minimally visible from a public right-of-way and meet the <i>Secretary of the Interior's Standards for Rehabilitation</i> .
<input type="checkbox"/>	8. Other work consistent with the <i>Secretary of the Interior Standards for the Treatment of Historic Properties</i> (specify or add comments):
<input type="checkbox"/>	9. Other work that would not materially impair a historic district (specify or add comments): (Requires approval by Senior Preservation Planner/Preservation Coordinator)
<input type="checkbox"/>	10. Reclassification of property status. (Requires approval by Senior Preservation Planner/Preservation <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 45%;"> <input type="checkbox"/> Reclassify to Category A a. Per HRER dated b. Other (specify): </div> <div style="width: 45%;"> <input type="checkbox"/> Reclassify to Category C (attach HRER) </div> </div>
Note: If ANY box in STEP 5 above is checked, a Preservation Planner MUST check one box below.	
<input type="checkbox"/>	Further environmental review required. Based on the information provided, the project requires an <i>Environmental Evaluation Application</i> to be submitted. GO TO STEP 6.
<input type="checkbox"/>	Project can proceed with categorical exemption review. The project has been reviewed by the Preservation Planner and can proceed with categorical exemption review. GO TO STEP 6.
Comments (optional):	
Preservation Planner Signature:	

STEP 6: CATEGORICAL EXEMPTION DETERMINATION

TO BE COMPLETED BY PROJECT PLANNER

<input type="checkbox"/>	Further environmental review required. Proposed project does not meet scopes of work in either (check all that apply): <input type="checkbox"/> Step 2 - CEQA Impacts <input type="checkbox"/> Step 5 - Advanced Historical Review STOP! Must file an <i>Environmental Evaluation Application</i>.	
<input checked="" type="checkbox"/>	No further environmental review is required. The project is categorically exempt under CEQA. There are no unusual circumstances that would result in a reasonable possibility of a significant effect.	
	Project Approval Action: Building Permit If Discretionary Review before the Planning Commission is requested, the Discretionary Review hearing is the Approval Action for the project.	Signature: Ashley Lindsay 06/21/2018
	Once signed or stamped and dated, this document constitutes a categorical exemption pursuant to CEQA Guidelines and Chapter 31 of the Administrative Code. In accordance with Chapter 31 of the San Francisco Administrative Code, an appeal of an exemption determination can only be filed within 30 days of the project receiving the first approval action. Please note that other approval actions may be required for the project. Please contact the assigned planner for these approvals.	

STEP 7: MODIFICATION OF A CEQA EXEMPT PROJECT

TO BE COMPLETED BY PROJECT PLANNER

In accordance with Chapter 31 of the San Francisco Administrative Code, when a California Environmental Quality Act (CEQA) exempt project changes after the Approval Action and requires a subsequent approval, the Environmental Review Officer (or his or her designee) must determine whether the proposed change constitutes a substantial modification of that project. This checklist shall be used to determine whether the proposed changes to the approved project would constitute a "substantial modification" and, therefore, be subject to additional environmental review pursuant to CEQA.

PROPERTY INFORMATION/PROJECT DESCRIPTION

Project Address (If different than front page)		Block/Lot(s) (If different than front page)
2990 24TH ST		4206/040
Case No.	Previous Building Permit No.	New Building Permit No.
2016-015674PRJ		
Plans Dated	Previous Approval Action	New Approval Action
	Building Permit	
Modified Project Description:		

DETERMINATION IF PROJECT CONSTITUTES SUBSTANTIAL MODIFICATION

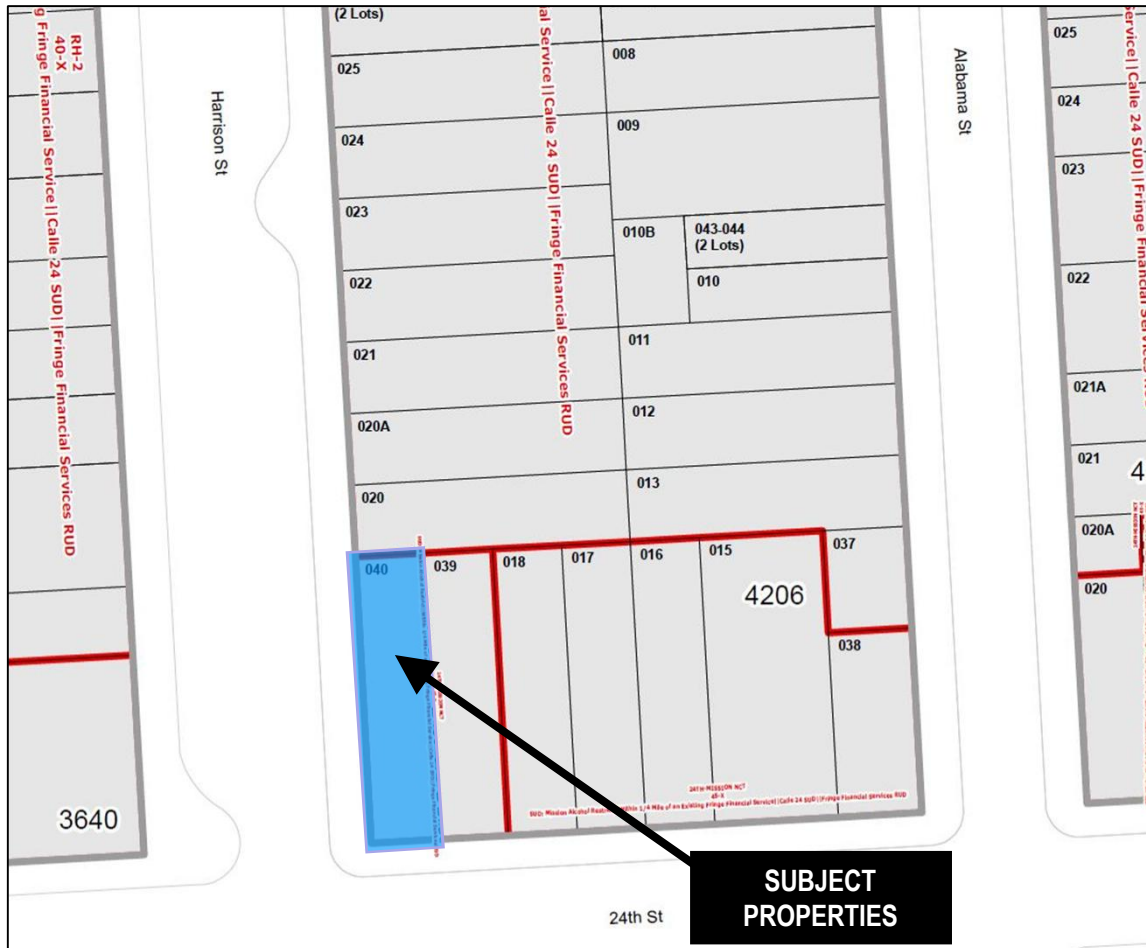
Compared to the approved project, would the modified project:	
<input type="checkbox"/>	Result in expansion of the building envelope, as defined in the Planning Code;
<input type="checkbox"/>	Result in the change of use that would require public notice under Planning Code Sections 311 or 312;
<input type="checkbox"/>	Result in demolition as defined under Planning Code Section 317 or 19005(f)?
<input type="checkbox"/>	Is any information being presented that was not known and could not have been known at the time of the original determination, that shows the originally approved project may no longer qualify for the exemption?
If at least one of the above boxes is checked, further environmental review is required.	

DETERMINATION OF NO SUBSTANTIAL MODIFICATION

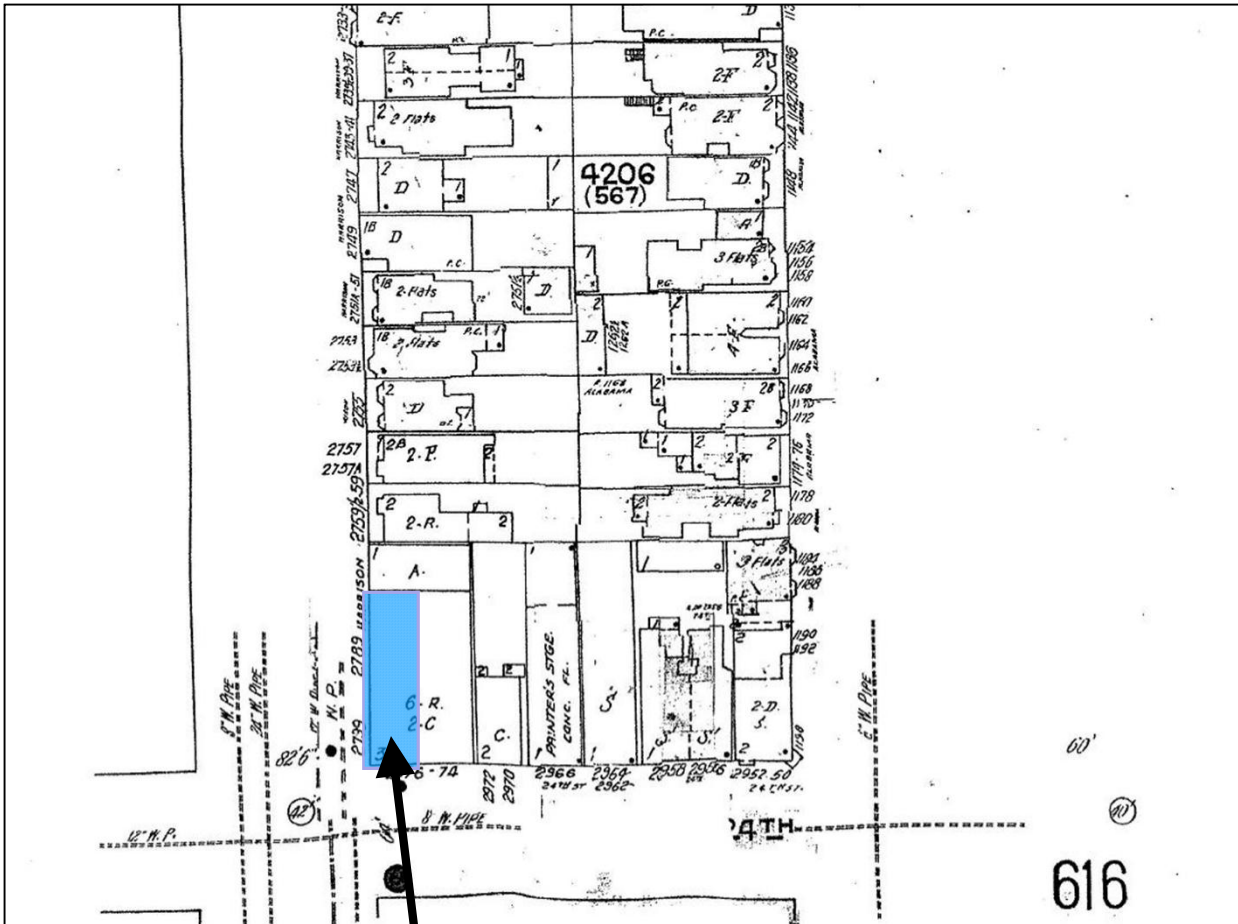
<input type="checkbox"/>	The proposed modification would not result in any of the above changes.
If this box is checked, the proposed modifications are categorically exempt under CEQA, in accordance with prior project approval and no additional environmental review is required. This determination shall be posted on the Planning Department website and office and mailed to the applicant, City approving entities, and anyone requesting written notice.	
Planner Name:	Signature or Stamp:

EXHIBIT D

Block Book Map



Sanborn Map*



SUBJECT PROPERTIES

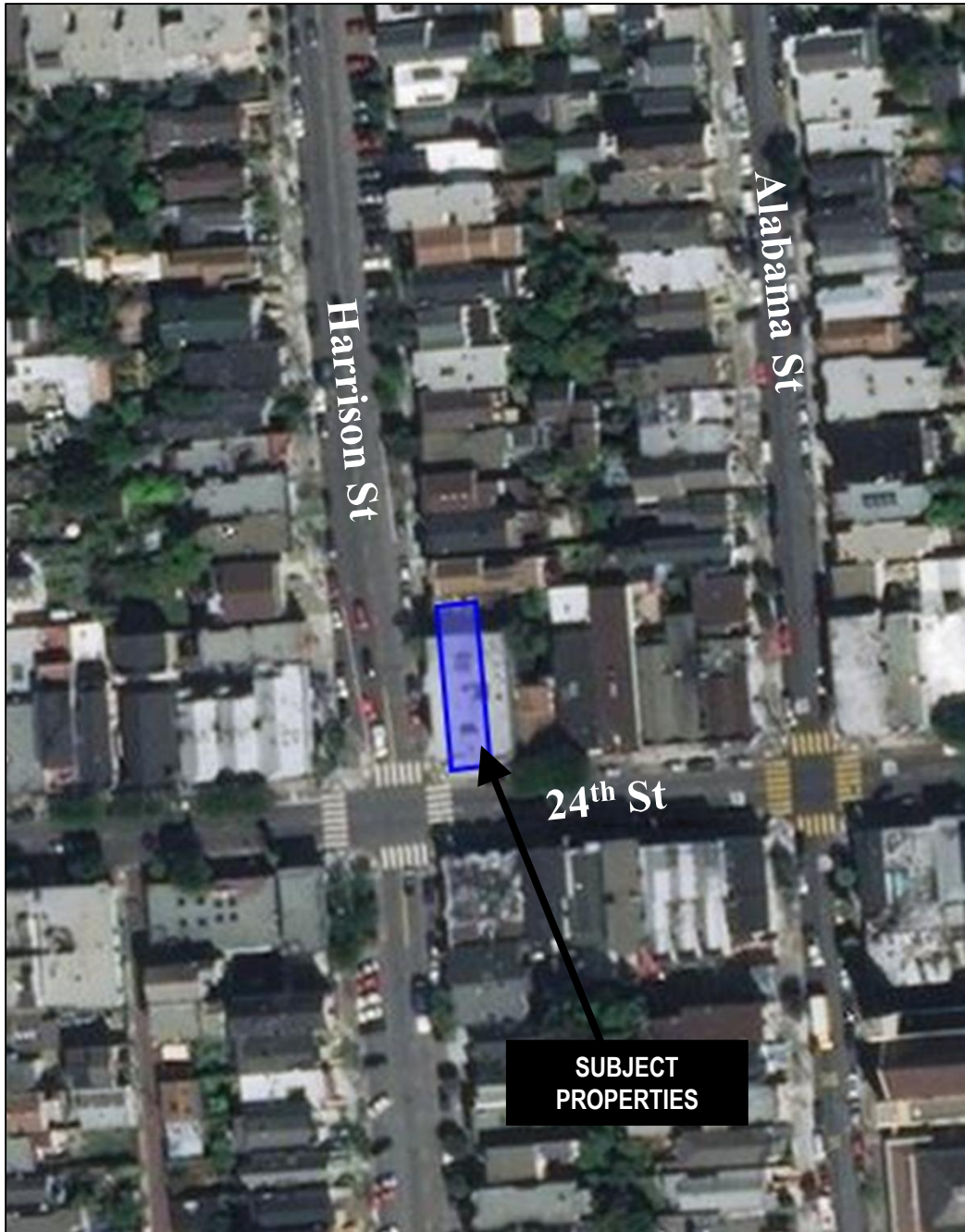
*The Sanborn Maps in San Francisco have not been updated since 1998, and this map may not accurately reflect existing conditions.



Zoning Map



Aerial Photo



G. Contextual Photographs

See attached photographs of the surrounding buildings within 100-feet of the subject property showing the facades and heights of nearby buildings.



Proposed Site at NE Corner of Harrison and 24th Street



Proposed Site at NE Corner of Harrison and 24th Street and buildings on NE Side of Harrison St.



Across from Proposed Site at SE Corner of Castro and 24th St and buildings on NE side of 24th St



NW Corner of Harrison Street and 24th St and buildings on NW Side of 24th St.



Proposed Site at NE Corner of Harrison Street and 24th Street and Building on NE Side

EXHIBIT E

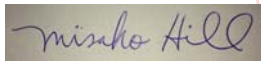
Affidavit of Conducting a Pre-Application Meeting, Sign-in Sheet and Issues/Responses submittal

I, Misako Hill, do hereby declare as follows:

1. I have conducted a Pre-Application Meeting for the proposed new construction, alteration or other activity prior to submitting any entitlement (Building Permit, Variance, Conditional Use, etc.) in accordance with Planning Commission Pre-Application Policy.
2. The meeting was conducted at Parque Ninos Unidos Clubhouse Entrance at 23rd and Folsom Streets SF, CA 94110 (location/address) on November 30 (date) from 6:30pm-7:30pm (time).
3. I have included the mailing list, meeting invitation and postmarked letter, sign-in sheet, issue/response summary, and reduced plans with the entitlement 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, December 7, 2016 IN SAN FRANCISCO.



Digitally signed by Misako Hill
DN: cn=Misako Hill, o=Cortel, Inc., ou,
email=misako.hill@cortel-llc.com,
c=US
Date: 2016.12.07 01:32:36 -08'00'

Signature

Misako Hill, Cortel/J5

Name (type or print)

Agent for AT&T Mobility

Relationship to Project (e.g. Owner, Agent)

(if Agent, give business name & profession)

2990 24th Street

Project Address

Misako Hill

From: Luis Cuadra <LCuadra@bergdavis.com>
Sent: Tuesday, December 06, 2016 9:04 AM
To: Misako Hill
Cc: BLACKSTONE, CAMMY; VRIHEAS, THEADORA K
Subject: CCU5582 - 2990 24th Street Community Meeting Recap
Attachments: 2990 24th Steet Sign.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

A&T representatives held a community meeting on Wednesday, November 30, 2016 at the Parque Ninos Unidos Clubhouse, 23rd and Folsom Streets, San Francisco, CA. The purpose of the meeting was to notify residents of AT&T's plans to install a new wireless facility with 12 panel antennas at 2990 24th street.

Representing AT&T were the following:

- Tedi Vriheas, AT&T External Affairs
- Cammy Blackstone, AT&T External Affairs
- Misako Hill, Cortel, Inc.
- Bill Hammett, Hammett & Edison
- Luis Cuadra, BergDavis Public Affairs
- America Language Services (ALS) Spanish translator

Approximately 15 community members attended the meeting, including representatives from Calle 24 who indicated that their organization was opposed to AT&T's proposed facility. AT&T representatives presented the design, addressed the coverage gap the proposed facility was intended to rectify and reviewed the conditional use process.

Below is a recap of community members' questions and the responses from the project team.

Question: What purpose will the antennas provide?

Answer: The antennas will address a gap in service coverage.

Question: Will the antennas affect landlines?

Answer: No.

Question: Are upgrades and new wireless facilities occurring throughout San Francisco?

Answer: Yes. The demand continues to increase so we need to make sure we meet that demand.

Question: Has AT&T received complaints about service in this area.

Answer: New wireless facilities are costly and we only make the investment in the upgrades when there is a demand.

Question: What are your requirements for choosing a site?

Answer: The ideal location is a 4-5 stories high.

Question: Why can't you underground the antennas?

Answer: The antennas cannot be undergrounded because they require line of sight.

Question: Have you looked at other potential sites.

Answer: Yes. As part of the conditional use application we are required to prove that we identified other sites.

Question: Why is AT&T holding this meeting?

Answer: Because the City requires AT&T to hold the meeting.

The remainder of the discussion was focused on addressing neighbors' questions concerning EMF safety standards and EMF exposure.

AT&T received one voicemail on its hotline from a neighbor who was unable to attend the meeting and had questions concerning the proposal. Misako Hill returned his call and his questions were satisfactorily answered.

Attached are the sign in sheet from the meeting.

Luis Cuadra
BergDavis Public Affairs
T - 415-788-1000 ext. 206
F - 415-788-0123

BERGDAVIS | PUBLIC
AFFAIRS



AT&T Reunión Comunitaria- 2990 24th Street Noviembre 30, 2016

Nombre	Dirección	Número de Teléfono	Correo Electrónico
Eric Aguero	1065 Hampshire	415-323-8939	Eric94110@aol.com
Alicia Sandoval		415-470-3401	litchal3@gmail.com
Miguel Arzabe	2971 24th St	415 368 9953	arzabe@hotmail.com
Rachelle Reunera	2971 24th St		
Patrick Sullivan			admin@gfcinterpreting.com



AT&T Community Meeting - 2990 24th Street November 30, 2016

NAME	ADDRESS	PHONE	EMAIL
Patricia Pagano	3045 23rd St.	415-641-4263	VP.DELGADO@SANC.NET
JAMES PAYNTER	3045 23rd St.	415-641-4263	FRSEPRENTIS@SANC.NET
Ben Feldman	2692 Harrison St.		Fenfeldman@yahoo.com
Aminda Wenzel	2721 Harrison St		
Dora Kubrin	2752 Harrison St.	(415) 824-8566	
Sofia Elias + Windsong	2754 Harrison		
beth malik	2828 Harrison St	805 881-2605	
Michael Conner	1018 Oldpome	145 867 3355	

EXHIBIT F

AT&T Mobility • Proposed Base Station (Site No. CCL05582)
2990 24th Street • San Francisco, California
FA No. 12922722, USID No. 161356, PA No. 3701A069CL

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. CCL05582) proposed to be located at 2990 24th 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 an 11-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)	5–80 GHz	5.00 mW/cm ²	1.00 mW/cm ²
WiFi (and unlicensed uses)	2–6	5.00	1.00
BRS (Broadband Radio)	2,600 MHz	5.00	1.00
WCS (Wireless Communication)	2,300	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

Checklist

Reference has been made to information provided by AT&T, including zoning drawings by J5 Infrastructure Partners, dated May 2, 2018. It should be noted that the calculation results in this Statement include several “worst-case” assumptions and therefore are expected to overstate actual power density levels from the proposed operations.

1. The location, identity, and total number of all operational radiating antennas installed at this site.

There are reported no wireless base stations installed at the site, a three-story mixed-use building at the northeast corner of the intersection between 24th and Harrison Streets.

2. List all radiating antennas located within 100 feet of the site that could contribute to the cumulative radio frequency energy at this location.

There are reported no other WTS facilities within 100 feet of the site.

3. Provide a narrative description of the proposed work for this project.

AT&T proposes to install nine antennas. This is consistent with the scope of work described in the drawings for transmitting elements.



AT&T Mobility • Proposed Base Station (Site No. CCL05582)
2990 24th Street • San Francisco, California
FA No. 12922722, USID No. 161356, PA No. 3701A069CL

4. Provide an inventory of the make and model of antennas or transmitting equipment being installed or removed.

AT&T proposes to install nine CCI directional panel antennas: six Model HPA-45R-BUU-H4 and three Model BSA-M65R-BUU-H4. The nine antennas would employ up to 14° downtilt and would be oriented in groups of three toward 80°T, 225°T, and 310°T. The antennas would be mounted behind view screens to be constructed on the penthouse at the north side of the building at an effective height of about 39½ feet above ground, 6 feet above the roof.

5. Describe the existing radio frequency energy environment at the nearest walking/working surface to the antennas and at ground level. This description may be based on field measurements or calculations.

Because there are no antennas at the site presently, existing RF levels for a person on the roof near the proposed antenna locations are presumed to be well below the applicable public exposure limit. The maximum power density measured* for a person anywhere on the ground was 0.000072 mW/cm², which is 0.036% of the most restrictive public limit.

6. Provide the maximum effective radiated power per sector for the proposed installation. The power should be reported in watts and reported both as a total and broken down by frequency band.

The maximum effective radiated power proposed by AT&T in any direction would be 17,420 watts, representing simultaneous operation at 3,200 watts for WCS, 5,280 watts for AWS, 4,620 watts for PCS, 1,800 watts for cellular, and 2,520 watts for 700 MHz service.

7. Describe the maximum cumulative predicted radio frequency energy level for any nearby publicly accessible building or area.

The maximum calculated level at any nearby building would be 50% of the public exposure limit; this occurs at the adjacent two-story residential building located at 2966 24th Street.

8. Report the estimated cumulative radio frequency fields for the proposed site at ground level.

For a person anywhere at ground, the maximum RF exposure level due to the proposed AT&T operation is calculated to be 0.24 mW/cm², which is 26% of the applicable public exposure limit. Cumulative RF levels at ground level near the site are therefore estimated to be less than 27% of the applicable public limit.

* July 23, 2014, using calibrated Wandel & Goltermann Type EMR-300 Radiation Meter with Type 8 Isotropic Electric Field Probe (Serial No. P-0036).



AT&T Mobility • Proposed Base Station (Site No. CCL05582)
2990 24th Street • San Francisco, California
FA No. 12922722, USID No. 161356, PA No. 3701A069CL

9. Provide the maximum distance (in feet) the three dimensional perimeter of the radio frequency energy level equal to the public and occupational exposure limit is calculated to extend from the face of the antennas.

The three-dimensional perimeters of RF levels equal to the public and occupational exposure limits are calculated to extend up to 91 and 37 feet out from the antenna faces, respectively, and to much lesser distances above, below, and to the sides; this does not reach any publicly accessible areas.

10. Provide a description of whether or not the public has access to the antennas. Describe any existing or proposed warning signs, barricades, barriers, rooftop striping or other safety precautions for people nearing the equipment as may be required by any applicable FCC-adopted standards.

It is recommended that barricades be erected, as shown in Figure 1, to preclude inadvertent access by unauthorized persons to areas in front of the antennas. To prevent occupational exposures in excess of the FCC guidelines, it is recommended that appropriate RF safety training, to include review of personal monitor use and lockout/tagout procedures, be provided to all authorized personnel who have access to the structure, including employees and contractors of AT&T and of the property owner. No access within 37 feet directly in front of the AT&T antennas themselves, such as might occur during certain maintenance activities, should be allowed while the base station is in operation, unless other measures can be demonstrated to ensure that occupational protection requirements are met. It is recommended that “Worker Notification Areas” be marked with yellow paint stripes and that “Prohibited Access Areas” be marked with red paint stripes on the roof of the building, as shown in Figure 1, to identify areas within which exposure levels are calculated to exceed the FCC public and occupational limits, respectively. It is recommended that explanatory signs[†] be posted at the roof access door, on the barricades, and on the screens in front of the antennas, readily visible from any angle of approach to persons who might need to work within that distance.

11. Statement of authorship and qualification.

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, 2019. 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.

[†] 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. CCL05582)
2990 24th Street • San Francisco, California
FA No. 12922722, USD No. 161356, PA No. 3701A069CL**

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 2990 24th Street in San Francisco, California, can comply with the prevailing standards for limiting human exposure to radio frequency energy and, therefore, need 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. Erecting barricades is recommended to establish compliance with public exposure limits; training authorized personnel, marking roof areas, and posting explanatory signs are recommended to establish compliance with occupational exposure limits.

May 9, 2018



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

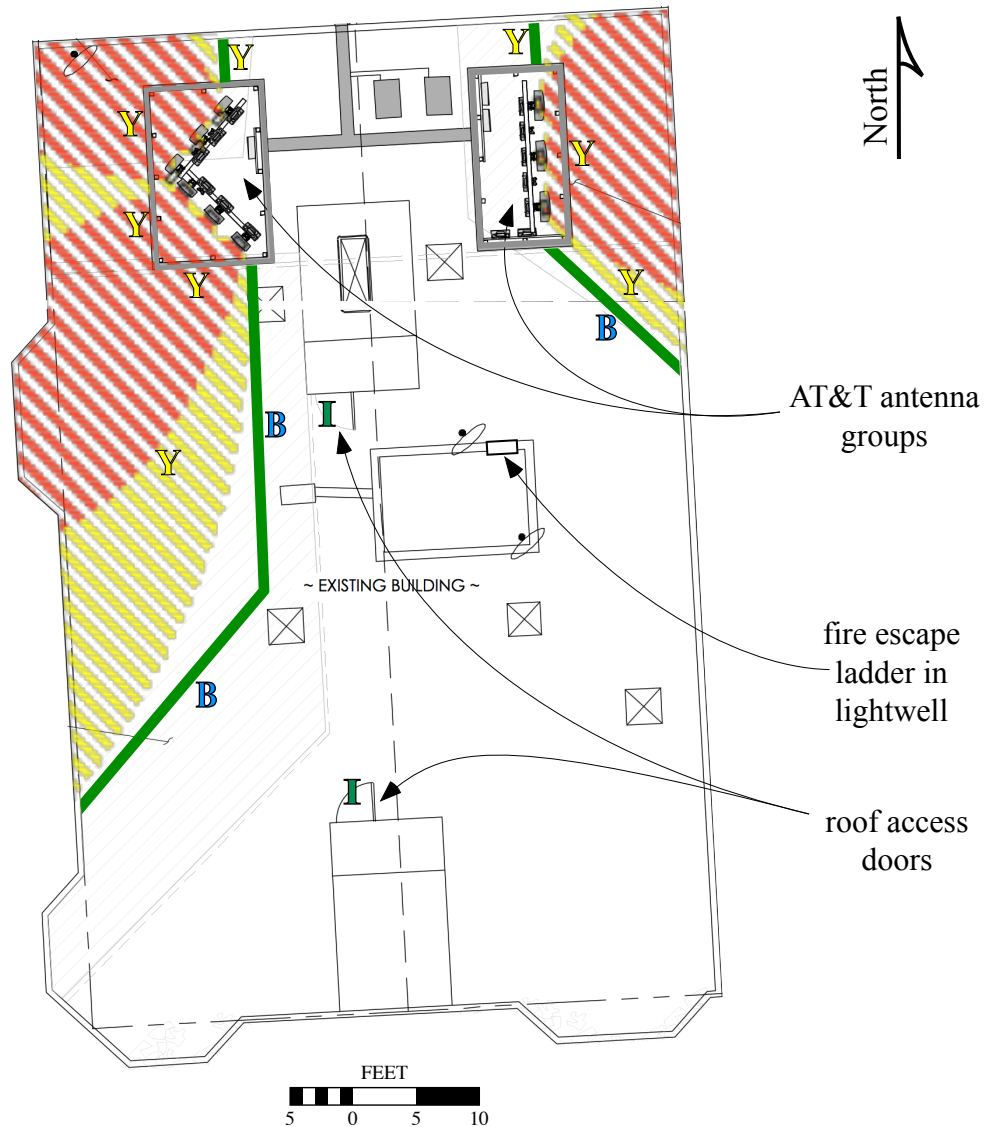


AT&T Mobility • Proposed Base Station (Site No. CCL05582)
2990 24th Street • San Francisco, California
FA No. 12922722, USID No. 161356, PA No. 3701A069CL

Calculated RF Exposure Levels on Roof

Recommended Mitigation Measures

- Install secure barricades
- Stripe roof areas as shown
- Post explanatory signs
- Provide training



Notes: See text.

Base drawing from J5 Infrastructure Partners, dated May 2, 2018.

Calculations performed according to OET Bulletin 65, August 1997.

Legend:	Less Than Public	Exceeds Public	Exceeds Occupational	Exceeds 10x Occupational
Striping color	blank	yellow	red	N/A
Sign type	I - Green INFORMATION	B - Blue NOTICE	Y - Yellow CAUTION	O - Orange WARNING
Barricades shown as green lines				



HAMMETT & EDISON, INC.
 CONSULTING ENGINEERS
 SAN FRANCISCO

X8WT.2
 Figure 1

EXHIBIT G



San Francisco City and County
Department of Public Health
Environmental Health Branch

Mark Farrell, *Mayor*
Barbara Garcia, *Director of Health*
Stephanie K.J. Cushing, MSPH, CHMM, REHS
Director of Environmental Health

Review of Cellular Antenna Site Proposals

Project Sponsor : AT&T Wireless **Planner:** Elizabeth Watty
RF Engineer Consultant: Hammett & Edison **Phone Number:** (707) 996-5200
Project Address/Location: 2990 24TH St
Site ID: 1880 **SiteNo.:** CCU5582 **Report Dated:** 5/9/2018

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.

- ☒ 1. The location, identity and total number of all operational radiating antennas installed at this site was provided. (WTS-FSG, Section 10.4.1, Section 11, 2b)
Number of Existing Antennas: 0
- ☒ 2. A list of all radiating antennas located within 100 feet of the site which could contribute to the cumulative radio frequency energy at this location was provided. (WTS-FSG, Section 10.5.2)
☒ Yes ☐ No
- ☒ 3. A narrative description of the proposed work for this project was provided. The description should be consistent with scope of work for the final installation drawings. (WTS-FSG, Section 10)
☒ Yes ☐ No
- ☒ 4. An inventory of the make and model of antennas or transmitting equipment being installed or removed was provided. The antenna inventory included the proposed installation height above the nearest walking/working surface, the height above ground level and the orientations of the antennas. (WTS-FSG, Section 10.5.2)
☒ Yes ☐ No
- ☒ 5. A description of the existing radio frequency energy environment at the nearest walking/working surface to the antennas and at ground level was provided. A description of any assumptions made when doing the calculations was also provided. (WTS-FSG, Section 10.4.1a, Section 10.4.1c, Section 10.5)
☒ Yes ☐ No
- ☒ 6. The maximum effective radiated power per sector for the proposed installation was provided along with the frequency bands used by the antennas. (WTS-FSG, Section 10.1.2, Section 10.5.1)
Maximum Effective Radiated Power: 17420 Watts
- ☒ 7. Based on the antenna orientation, the maximum cumulative predicted radio frequency energy level for any nearby publicly accessible building or area was provided. (WTS-FSG, Section 10.4, Section 10.5.1)
Maximum percent of applicable FCC public standard at the nearest building or structure: 50 %
Distance to this nearby building or structure: 104 feet
- ☒ 8. The estimated maximum cumulative radio frequency fields for the proposed site at ground level. (WTS-FSG, Section 10.5)
Maximum RF Exposure: 0.24 mW/cm² Maximum RF Exposure Percent: 26 %

- X 9. The maximum distance (in feet) the three dimensional perimeter of the radio frequency energy level equal to the public and occupational exposure limit is calculated to extend from the face of the antennas was provided. Any potential walking/working surfaces exceeding regulatory standards were identified. (WTS-FSG, Section 10.9.2)

☒ Public Exclusion Area

Public Exclusion In Feet: 91

☒ Occupational Exclusion Area

Occupational Exclusion In Feet: 37

- X 10. A description of whether or not the public has access to the antennas was provided. A description was also provided of any existing or proposed warning signs, barricades, barriers, rooftop stripping or other safety precautions for people nearing the equipment as may be required by any applicable FCC-adopted standards. All signs will be provided in English, Spanish and Chinese. (WTS-FSG, Section 9.5, Section 10.9.2)

☒ Yes

☐ No

- X 11. Statement regarding the engineer who produced the report and their qualifications was provided. The engineer is licensed in the State of California. (WTS-FSG, Section 11.8)

☒ Yes

☐ No

- 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 CFR47 1.1310 **Approval of the subsequent Project Implementation Report is based on project sponsor completing recommendations by project consultant and DPH.**

Comments:

There are no antennas existing operated by AT&T Wireless installed on the roof top of the building at 2990 24TH St. Existing RF levels at ground level were around 1% of the FCC public exposure limit. No other antennas were observed within 100 feet of this site. AT&T Wireless proposes to install 9 new antennas. The antennas are mounted at a height of 39.5 feet above the ground and 6 feet above the roof. The estimated ambient RF field from the proposed AT&T Wireless transmitters at ground level is calculated to be 0.24 mW/sq cm., which is 26 % of the FCC public exposure limit. The three dimensional perimeter of RF levels equal to the public exposure limit extends 91 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 37 feet of the front of the antennas while they are in operation. Barricades shall be installed to prevent access to antennas by unauthorized persons.

 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 Sponsor)

Dated: 5/11/2018

Signed: _____



Arthur Duque

Environmental Health Management Section
San Francisco Dept. of Public Health
1390 Market St., Suite 210,
San Francisco, CA. 94102
(415) 252-3966

Project Sponsor : AT&T Wireless **Planner:** Elizabeth Watty
RF Engineer Consultant: Hammett & Edison **Phone Number:** (707) 996-5200
Project Address/Location: 2990 24TH St
Site ID: 1880 **SiteNo.:** CCU5582 **Report Dated:** 5/9/2018

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 Sitting 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.

- ☒ 1. The location, identity and total number of all operational radiating antennas installed at this site was provided. (WTS-FSG, Section 10.4.1, Section 11, 2b)
Number of Existing Antennas: 0
- ☒ 2. A list of all radiating antennas located within 100 feet of the site which could contribute to the cumulative radio frequency energy at this location was provided. (WTS-FSG, Section 10.5.2)
☒ Yes ☐ No
- ☒ 3. A narrative description of the proposed work for this project was provided. The description should be consistent with scope of work for the final installation drawings. (WTS-FSG, Section 10)
☒ Yes ☐ No
- ☒ 4. An inventory of the make and model of antennas or transmitting equipment being installed or removed was provided. The antenna inventory included the proposed installation height above the nearest walking/working surface, the height above ground level and the orientations of the antennas. (WTS-FSG, Section 10.5.2)
☒ Yes ☐ No
- ☒ 5. A description of the existing radio frequency energy environment at the nearest walking/working surface to the antennas and at ground level was provided. A description of any assumptions made when doing the calculations was also provided. (WTS-FSG, Section 10.4.1a, Section 10.4.1c, Section 10.5)
☒ Yes ☐ No
- ☒ 6. The maximum effective radiated power per sector for the proposed installation was provided along with the frequency bands used by the antennas. (WTS-FSG, Section 10.1.2, Section 10.5.1)
Maximum Effective Radiated Power: 17420 Watts
- ☒ 7. Based on the antenna orientation, the maximum cumulative predicted radio frequency energy level for any nearby publicly accessible building or area was provided. (WTS-FSG, Section 10.4, Section 10.5.1)
Maximum percent of applicable FCC public standard at the nearest building or structure: 50 %
Distance to this nearby building or structure: 104 feet
- ☒ 8. The estimated maximum cumulative radio frequency fields for the proposed site at ground level. (WTS-FSG, Section 10.5)
Maximum RF Exposure: 0.24 mW/cm² Maximum RF Exposure Percent: 26 %
- ☒ 9. The maximum distance (in feet) the three dimensional perimeter of the radio frequency energy level equal to the public and occupational exposure limit is calculated to extend from the face of the antennas was provided. Any potential walking/working surfaces exceeding regulatory standards were identified. (WTS-FSG, Section 10.9.2)
☒ Public Exclusion Area Public Exclusion In Feet: 91
☒ Occupational Exclusion Area Occupational Exclusion In Feet: 37

X 10. A description of whether or not the public has access to the antennas was provided. A description was also provided of any existing or proposed warning signs, barricades, barriers, rooftop stripping or other safety precautions for people nearing the equipment as may be required by any applicable FCC-adopted standards. All signs will be provided in English, Spanish and Chinese. (WTS-FSG, Section 9.5, Section 10.9.2)

☒ Yes ☐ No

X 11. Statement regarding the engineer who produced the report and their qualifications was provided. The engineer is licensed in the State of California. (WTS-FSG, Section 11.8)

☒ Yes ☐ No

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 CFR47 1.1310 **Approval of the subsequent Project Implementation Report is based on project sponsor completing recommendations by project consultant and DPH.**

Comments:

There are no antennas existing operated by AT&T Wireless installed on the roof top of the building at 2990 24TH St. Existing RF levels at ground level were around 1% of the FCC public exposure limit. No other antennas were observed within 100 feet of this site. AT&T Wireless proposes to install 9 new antennas. The antennas are mounted at a height of 39.5 feet above the ground and 6 feet above the roof. The estimated ambient RF field from the proposed AT&T Wireless transmitters at ground level is calculated to be 0.24 mW/sq cm., which is 26 % of the FCC public exposure limit. The three dimensional perimeter of RF levels equal to the public exposure limit extends 91 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 37 feet of the front of the antennas while they are in operation. Barricades shall be installed to prevent access to antennas by unauthorized persons.

 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 Sponsor)

Dated: 5/11/2018

Signed: _____



Arthur Duque

Environmental Health Management Section
San Francisco Dept. of Public Health
1390 Market St., Suite 210,
San Francisco, CA. 94102
(415) 252-3966

EXHIBIT H

Service Improvement Objective (CC5582)

2990 24TH STREET

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

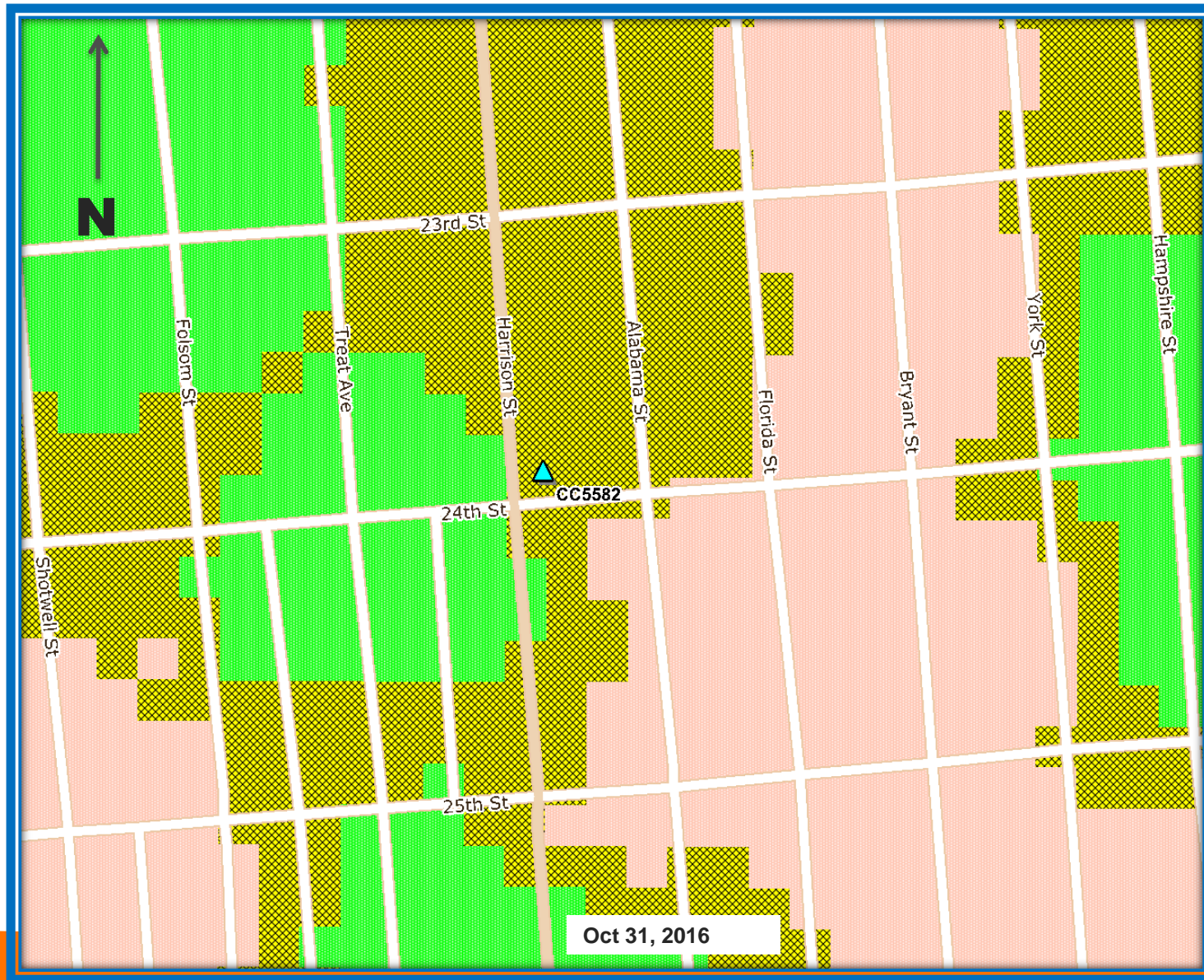
In order to achieve the service goals as defined, at&t network engineers considered site locations in the area defined by the red circle

Oct 31, 2016

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

Exhibit 2 - Proposed Site at 2990 24TH STREET(CC5582)

Service Area BEFORE site is constructed

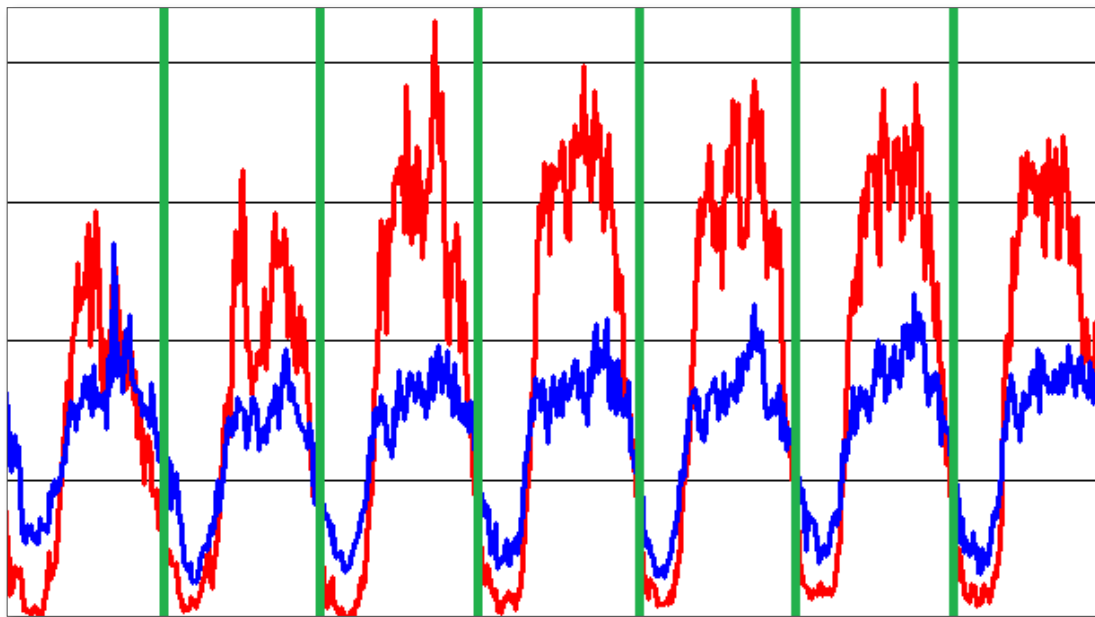


- Existing Macro Sites
- Existing Micro Sites
- Proposed Macro Site
- Acceptable Service Coverage during High Demand Periods
- Service Coverage Gap during High Demand Periods
- Service Coverage Gap during All Demand Periods

Oct 31, 2016

Exhibit 3 - Current 7-Day Traffic Profile for the Location of CC5582

— Data Traffic
— Voice Traffic

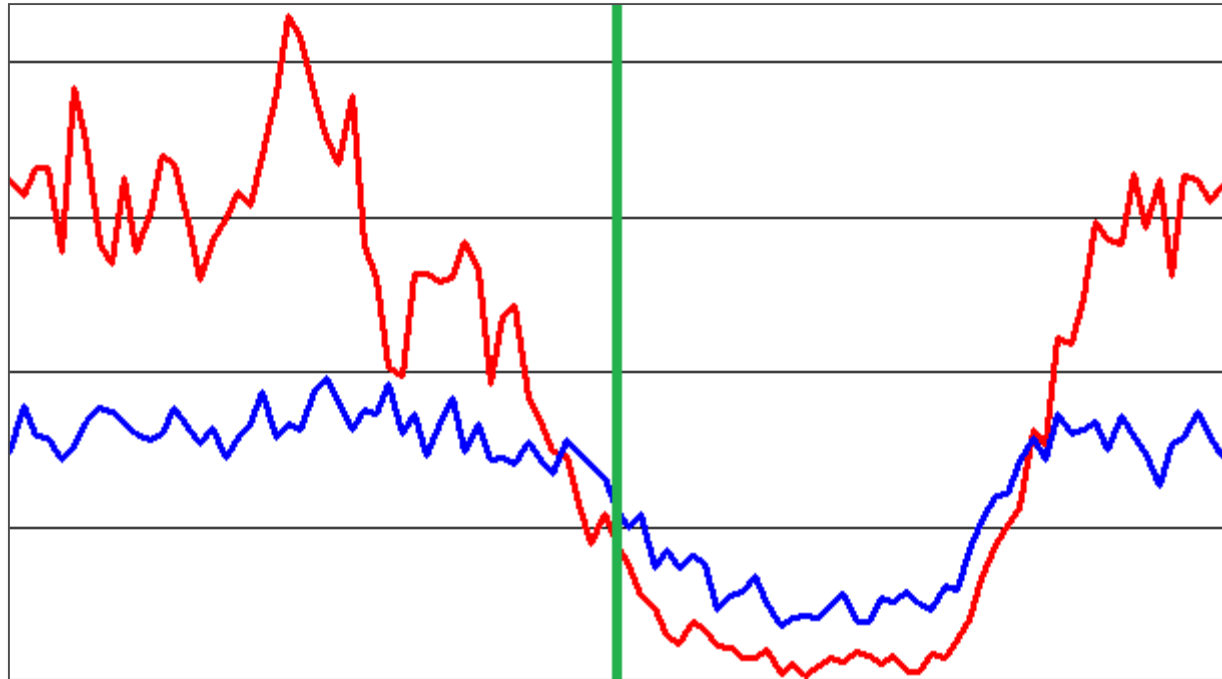


Saturday

Friday

Exhibit 3 - Current 24-Hour Traffic Profile for the Location of CC5582

— Data Traffic
— Voice Traffic



Noon

Midnight

Noon

Exhibit 4 - Proposed Site at 2990 24TH STREET(CC5582)

Service Area AFTER site is constructed

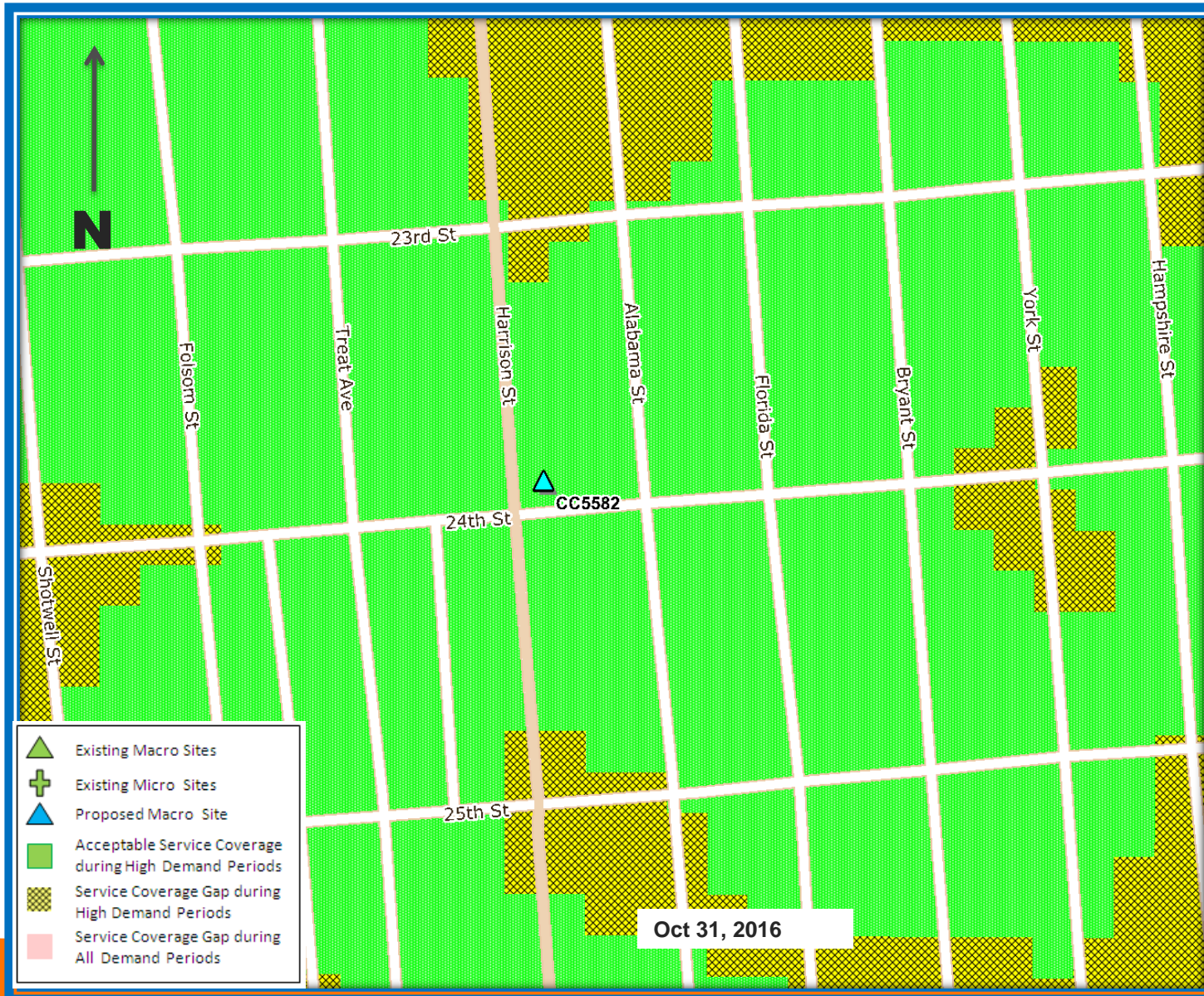


Exhibit 5 - Proposed Site at 2990 24TH STREET(CC5582)

4G LTE Service Area BEFORE site is constructed



Exhibit 6 - Proposed Site at 2990 24TH STREET(CC5582)

4G LTE Service Area AFTER site is constructed



Existing Surrounding Sites at 2990 24TH STREET CC5582

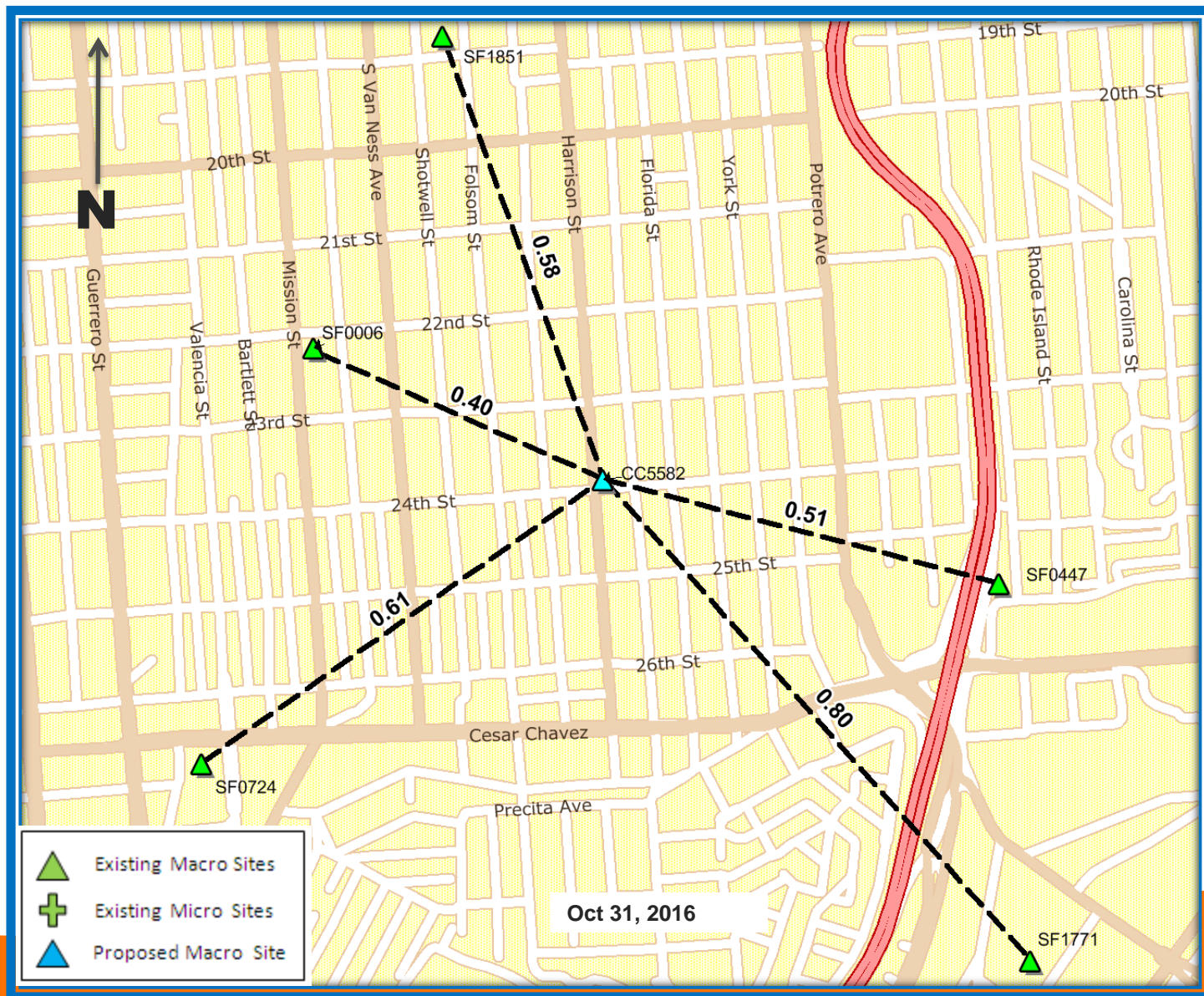


EXHIBIT I

AT&T Mobility Conditional Use Permit Application
2990 24th Street, San Francisco

STATEMENT OF MICHAEL CANIGLIA

I manage AT&T's design with respect to the proposed wireless communications facility at 2990 24th Street, San Francisco (the "Property"). Based on my personal knowledge of the Property and with AT&T's wireless network, as well as my review of AT&T's records with respect to the Property and its wireless telecommunications facilities in the surrounding area, I have concluded that the work associated with this permit request is needed to close a significant service coverage gap in the area roughly bordered by Folsom Street, 23rd Street, York Street and 25th Street.

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

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

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

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

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

In addition to these 3G wireless service gap issues, AT&T is in the process of deploying its 4G LTE service in San Francisco with the goal of providing the most advanced personal wireless experience available to residents of the City. 4G LTE is capable of delivering speeds up to 10 times faster than industry-average 3G speeds. LTE technology also offers lower latency, or the processing time it takes to move data through a network, such as how long it takes to start downloading a webpage or file once you’ve sent the request. Lower latency helps to improve the quality of personal wireless services. What’s more, LTE uses

spectrum more efficiently than other technologies, creating more space to carry data traffic and services and to deliver a better overall network experience. This is particularly important in San Francisco because of the likely high penetration of the new 4G LTE iPad and other LTE devices.

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

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

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

Michael Caniglia

A handwritten signature in black ink, appearing to read "m Caniglia", written in a cursive style.

21 November 2016

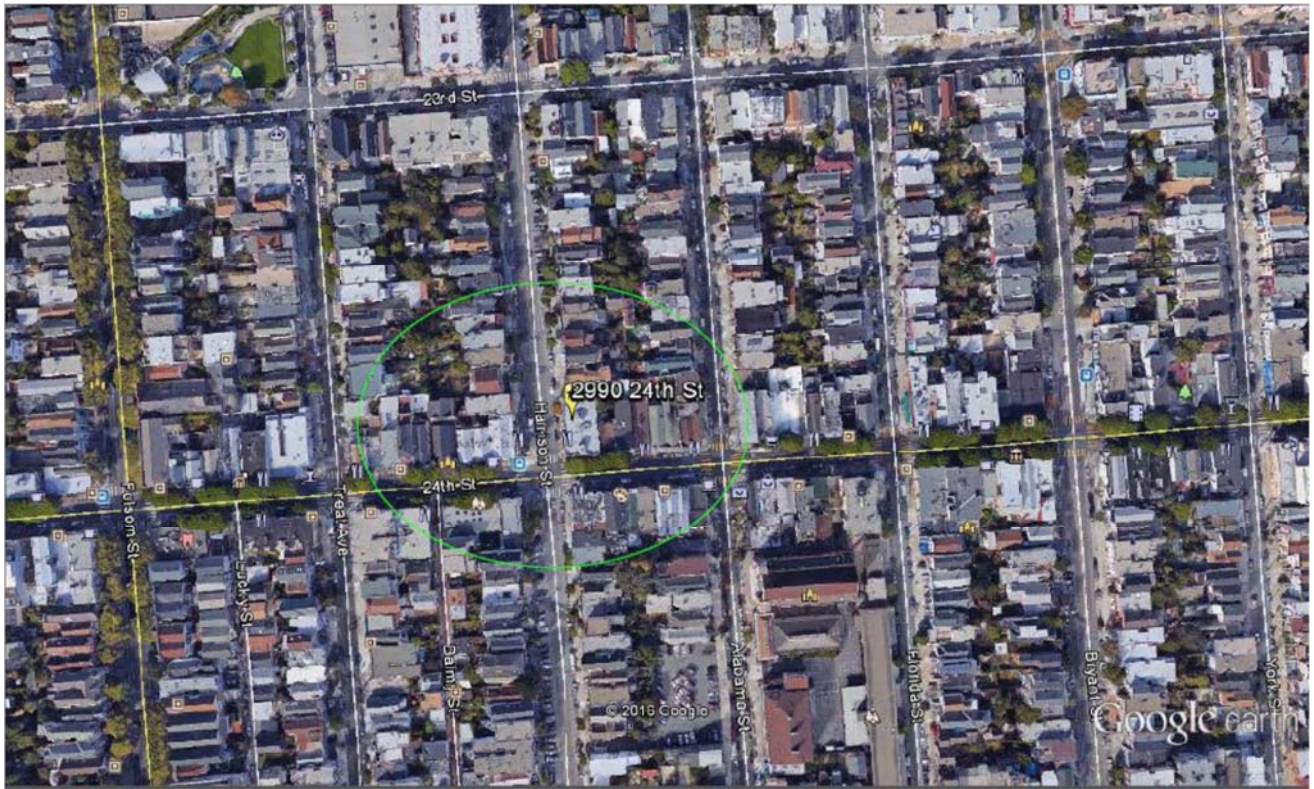
EXHIBIT J

**AT&T MOBILITY
ALTERNATIVE SITE ANALYSIS
CCU5582**



**Proposed Site Address:
2990 24th Street
San Francisco, CA 94114**

December 7, 2016



Search Ring Target Area

Locating a site and evaluation of alternative sites

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

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

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

- 1. Publicly-used "structures":** We investigated the target area and there are no (0) viable Preference 1 locations identified within the target area.
- 2. Co-Location Sites:** We investigated the target area and there are no (0) viable co-location sites existing within the target area.

3. Industrial or Commercial Structures: We investigated the target area and there were no (0) viable Preference 3 locations identified within the target area.

4. Industrial or Commercial Structures: We investigated the target area and there were no (0) Preference 4 locations identified within the target area.

5. Mixed Use Buildings in High Density Districts: We investigated the area and there are four (4) Preference 5 locations identified within the target area.



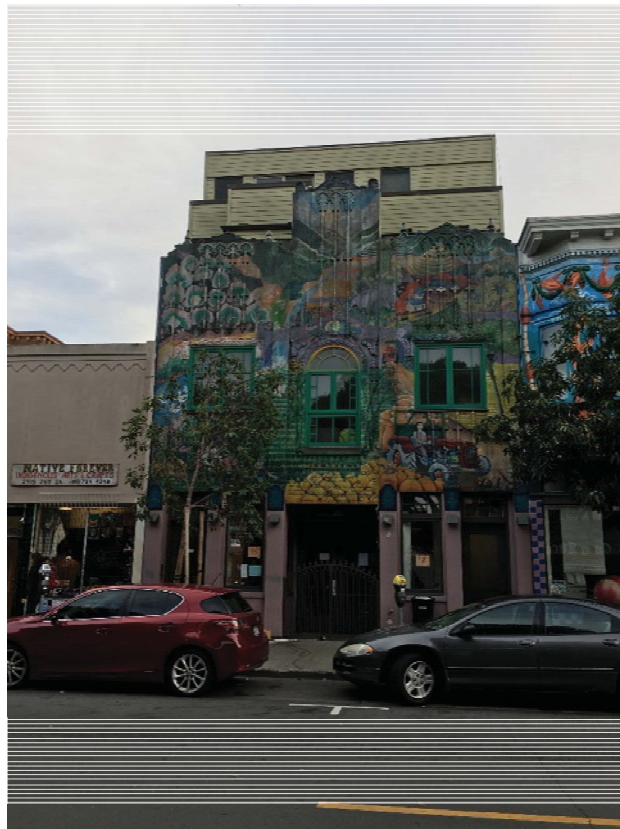
A. 1101 Treat Avenue, APN 6522/040_NCT - 24th-Mission Neighborhood Commercial Transit_45-X

This mixed use building candidate is the preferred candidate for the search ring. It is as tall as the tallest buildings in the search ring and as such, has no signal blockage issues. Its height and orientation provide excellent signal coverage to the general vicinity with no uncontrolled EMF on neighboring properties. A ground floor equipment area minimizes the height and bulk that would be required for roof-top equipment and antenna height is kept to a minimum at 13ft-6in above the roof. Antennas are screened within a faux penthouse and chimney vents in accordance with Sections 260 and 263.21 of the San Francisco Zoning Ordinance.



B. 2944 24th Street, APN 4207/020_NCT - 24th-Mission Neighborhood Commercial Transit_45-X

This mixed-use building candidate is located within the search area. Its height and orientation provide excellent signal coverage to the general vicinity with no uncontrolled EMF on neighboring properties. It was rejected due to lack of ground equipment space.



C. 2919 24th Street, APN 4269/029_NCT - 24th-Mission Neighborhood Commercial Transit_45-X

This mixed-use building candidate is located within the search area. Its height and orientation provide excellent signal coverage to the general vicinity with no uncontrolled EMF on neighboring properties. It was rejected due to lack of ground equipment space.



D. 1101 Treat Avenue, APN 6522/040_NCT - 24th-Mission Neighborhood Commercial Transit_45-X

This mixed-use building candidate is located within the search area. Its height and orientation provide excellent signal coverage to the general vicinity with no uncontrolled EMF on neighboring properties. It was rejected due to lack of ground equipment space.

6. Limited Preference Sites: We investigated the area and there were no (0) viable Preference 6 locations identified within the target area.

7. Disfavored Sites: We investigated the search area and there were no (0) viable Preference 7 locations identified within the target area.

Alternative Site Locations Summary

	Location	Block/Lot	Zoning District	Building Type	WTS Siting Preference
A	2990 24 th Street	4206/040	NCT - 24th-Mission Neighborhood Commercial Transit	Mixed Use	5
B	2944 24th Street	4207/020	NCT - 24th-Mission Neighborhood Commercial Transit	Mixed Use	5
C	2919 24th Street	4269/029	NCT - 24th-Mission Neighborhood Commercial Transit	Mixed Use	5
D	1101 Treat Ave	6522/040	NCT - 24th-Mission Neighborhood Commercial Transit	Mixed Use	5

