



# SAN FRANCISCO PLANNING DEPARTMENT

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## Executive Summary Conditional Use Authorization

HEARING DATE: NOVEMBER 29, 2018

*Record No.:* 2018-006212CUA  
*Project Address:* 145 LAUREL ST  
*Zoning:* RH-1 (Residential-House, One Family) Zoning District  
40-X Height and Bulk District  
*Block/Lot:* 0986/003  
*Project Sponsor:* Misako Hill for AT&T Mobility  
5001 Executive Parkway, 4W550E  
San Ramon, CA 94583  
*Property Owner:* Friedman Properties LP  
323 Pine St, #1  
Sausalito, CA 94965  
*Staff Contact:* Ashley Lindsay- 415-575-9178  
*Ashley.Lindsay@sfgov.org*  
*Recommendation:* **Approval with Conditions**

1650 Mission St.  
Suite 400  
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### PROJECT DESCRIPTION

The Project includes installation of (4) FRP enclosures; (16) panel antennas; (24) RRH's, (1) GPS antenna; (6) surge suppressors; coax cable trays from equipment area to antennas; additional equipment proposed at ground level will not be visible from public views; FRP screens will be painted white to match existing rooftop penthouse.

### 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 209.1 and 303(c) to allow installation of a macro wireless telecommunications facility in an RH-1 Zoning District.

### ISSUES AND OTHER CONSIDERATIONS

- **Public Comment & Outreach.** AT&T Mobility held a community meeting at the Presidio Branch Library, 3150 Sacramento Street, on Wednesday, February 28, 2018 from 6:00 PM to 7:30 PM. approximately 13 community members attended, including representatives from the Presidio Heights Neighbors Association. The topics of discussion included the planning process, design, site selection, future buildout plans, technology, and EMF. The Department has received correspondence from one member of the community regarding the proposed project. Planning provided the community member with plans.



## **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 – Community Outreach Summary  
Exhibit E – Maps and Context Photos  
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

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## Planning Commission Draft Motion

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ADOPTING FINDINGS RELATING TO A CONDITIONAL USE AUTHORIZATION PURSUANT TO PLANNING CODE SECTION 209.1 and 303(c), TO INSTALL A NEW ROOFTOP AT&T MOBILITY MACRO WIRELESS TELECOMMUNICATIONS FACILITY WHICH CONSISTS OF (4) FRP ENCLOSURES; (16) PANEL ANTENNAS; (24) RRH'S, (1) GPS ANTENNA; (6) SURGE SUPPRESSORS; COAX CABLE TRAYS FROM EQUIPMENT AREA TO ANTENNAS; ANCILLARY EQUIPMENT PROPOSED AT GROUND LEVEL WILL NOT BE VISIBLE FROM PUBLIC VIEWS; FRP SCREENS WILL BE PAINTED TO MATCH EXISTING ROOFTOP PENTHOUSE AS PART OF THE AT&T MOBILITY TELECOMMUNICATIONS NETWORK. THE SUBJECT PROPERTY IS LOCATED AT 145 LAUREL STREET, LOTS 003 IN ASSESSOR'S BLOCK 0986, WITHIN THE RH-1 (RESIDENTIAL-HOUSE, ONE FAMILY) ZONING DISTRICT AND 40-X HEIGHT AND BULK DISTRICT, AND ADOPTING FINDINGS UNDER THE CALIFORNIA ENVIRONMENTAL QUALITY ACT.

### PREAMBLE

On April 25, 2018, Misako Hill of J5 Infrastructure Partners (hereinafter "Project Sponsor") filed Application No. 2018-006212CUA (hereinafter "Application") with the Planning Department (hereinafter "Department") for a Large Project Authorization to construct a macro wireless telecommunications facility with (16) screened panel antennas (hereinafter "Project") at 145 LAUREL ST, Block 0986 Lots 003 (hereinafter "Project Site").

On November 29, 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. 2018-006212CUA.



On November 14, 2018 the Project was determined to be exempt from the California Environmental Quality Act ("CEQA") as a Class 1 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. 2018-006212CUA 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. 2018-006212CUA, 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 Project includes installation of (4) FRP enclosures; (16) panel antennas; (24) RRH's, (1) GPS antenna; (6) surge suppressors; coax cable trays from equipment area to antennas; additional equipment proposed at ground level will not be visible from public views; FRP screens will be painted white to match existing rooftop penthouse.
3. **Site Description and Present Use.** The Project is located on one lot with a lot area of 8,425 square feet and has approximately 130-ft of frontage along Washington Street and 130-ft of frontage along Laurel Street. The Project Site contains one building: a five-story apartment building and measures 34,425 square feet. Currently, the existing buildings use is apartment.
4. **Surrounding Properties and Neighborhood.** The Project Site is located within the RH-1 Zoning District in the Presidio Heights Neighborhood. The immediate context is residential uses. The immediate neighborhood includes two-to-three-story single family residential
5. **Public Outreach and Comments.** AT&T Mobility held a community meeting at the Presidio Branch Library, 3150 Sacramento Street, on Wednesday, February 28, 2018 from 6:00 PM to 7:30 PM. approximately 13 community members attended, including representatives from the Presidio Heights Neighbors Association. The topics of discussion included the planning process, design, site selection, future buildout plans, technology, and EMF. The Department has received correspondence from one member of the community regarding the proposed project. Planning provided the community member with plans.



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 7 Site (Disfavored Site: RH-1) according to the *WTS Facilities Siting Guidelines*, making it a desired location. There is one existing micro site on the existing building rooftop which consists of (1) omni antenna, and ancillary equipment.
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 WCS, AWS, PCS, cellular, and 700 Megahertz (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 and Edison, 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 29% of the FCC public exposure limit. There are 0 antennas existing operated by AT&T Wireless installed on the roof top of the building at 145 Laurel 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 16 new antennas. The antennas are mounted at a height of 72 feet above the ground and 11.5 feet above the roof. The estimated ambient RF field from the proposed AT&T Wireless transmitters at ground level is calculated to be 0.066 mW/sq cm., which is 8.1 % of the FCC public exposure limit. The three dimensional perimeter of RF levels equal to the public exposure limit extends 100 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 36 feet of the front of the antennas while they are in operation. Barricades shall be installed to prevent access to the antennas by unauthorized persons. .
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 and 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 209.1, 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 145 Laurel 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 height and bulk of the existing building will remain the same and will not significantly alter the existing appearance or character of the project vicinity. The proposed work will not affect the building envelope, or alter the use of the property.*

(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.*

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 Presidio Heights 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. 2018-006212CUA** subject to the following conditions attached hereto as "EXHIBIT A" in general conformance with plans on file, dated August 20, 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 November 29, 2018.

Jonas P. Ionin  
Commission Secretary

AYES:

NAYS:

ABSENT:



**Draft Motion  
November 29, 2018**

**RECORD NO. 2018-006212CUA  
145 LAUREL ST**

ADOPTED: November 29, 2018



## EXHIBIT A

### AUTHORIZATION

This authorization is for a conditional use to allow a macro wireless telecommunications facility (d.b.a. **AT&T Mobility**) located at 145 Laurel Street, Block 0986, and Lot 003 pursuant to Planning Code Section(s) **209.1 and 303(c)** within the **RH-1** District and a **40-X** Height and Bulk District; in general conformance with plans, dated **August 20, 2018**, and stamped "EXHIBIT B" included in the docket for Record No. **2018-006212CUA** and subject to conditions of approval reviewed and approved by the Commission on **November 29, 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 **November 29, 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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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**





SITE NUMBER: CCL05208

SITE NAME: RSFR NSB CNU5208 - BARON APARTMENTS

SITE TYPE: ROOFTOP / SHELTER

ADDRESS: 145 LAUREL STREET,  
SAN FRANCISCO, CA 94118

FA #:10067541

PAGE #: MRSFR001426

PT #: 3701A0B1QE

USID: 197477



CCL05208

BARON APARTMENTS

145 LAUREL STREET,  
SAN FRANCISCO, CA 94118

FA #:10067541

PAGE #: MRSFR001426

PT #: 3701A0B1QE

USID: 197477

PROJECT TEAM	VICINITY MAP	CODE COMPLIANCE	SHEET INDEX	REV.
<div>APPLICANT / LESSEE:</div> <div>TAYIIKA (TY) LOGAN-BURKS AT&amp;T TECHNOLOGY OPERATIONS 5001 EXECUTIVE PARKWAY, 4W550E SAN RAMON, CA 94583 PHONE: 925.549.4671 E-MAIL: tj784a@att.com</div> <div>CONSTRUCTION MANAGER:</div> <div>RAY KIKEL ERICSSON 6140 STONERIDGE MALL ROAD, SUITE 350 PLEASANTON, CA 94588, USA E-MAIL: raymond.kikel@ericsson.com PHONE: 916-870-9483</div> <div>RF ENGINEER:</div> <div>ALEXANDER KERRIGAN E-MAIL: ak440b@att.com PHONE: 415-229-9201</div> <div>ARCHITECT / ENGINEER:</div> <div>ALL STATES ENGINEERING &amp; SURVEYING CONTACT: ROBERTO AGUILAR EMAIL: ROBERTO@ZALZALI.COM O: (949) 273-0996x112 M: (760) 713-1911</div> <div>PROJECT MANAGER:</div> <div>J5 INFRASTRUCTURE PARTNERS CONTACT: MISAKO HILL EMAIL: MHILL@J5IP.COM CELL: (415) 533-2540</div> <div>SITE ACQUISITION:</div> <div>J5 INFRASTRUCTURE PARTNERS CONTACT: JACQUELYN MURRAY EMAIL: JMURRAY@J5IP.COM PH: (415) 815-8635</div>		<div>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.</div> <div>1) 2016 CALIFORNIA ADMINISTRATIVE CODE, CHAPTER 10, PART 1, TITLE 24 CODE OF REGULATIONS</div> <div>2) 2016 CALIFORNIA BUILDING CODE (CBC)</div> <div>3) 2016 CALIFORNIA RESIDENTIAL CODE (CRC) WITH APPENDIX H, PATIO COVERS, BASED ON THE 2012 IRC (PART 2.5)</div> <div>4) 2016 CALIFORNIA GREEN BUILDINGS STANDARDS CODE (CALGREEN) (PART 11) (AFFECTED ENERGY PROVISIONS ONLY)</div> <div>5) 2016 CALIFORNIA FIRE CODE (CFC), BASED ON THE 2012 IFC, WITH CALIFORNIA AMENDMENTS (PART 9)</div> <div>6) 2016 CALIFORNIA MECHANICAL CODE (CMC), BASED ON THE 2012 UMC (PART 4)</div> <div>7) 2016 CALIFORNIA PLUMBING CODE (CPC), BASED ON THE 2012 UPC (PART 5)</div> <div>8) 2016 CALIFORNIA ELECTRICAL CODE (CEC) WITH CALIFORNIA AMENDMENTS, BASED ON THE 2011 NEC (PART 3)</div> <div>9) 2016 CALIFORNIA ENERGY CODE (CEC)- PART 6</div> <div>10) ANSI / EIA-TIA-222-G</div> <div>11) 2016 NFPA 101, LIFE SAFETY CODE</div> <div>12) 2016 NFPA 72, NATIONAL FIRE ALARM CODE</div> <div>13) 2016 NFPA 13, FIRE SPRINKLER CODE</div>	<div>T-1 TITLE SHEET2</div> <div>T-2 EME REPORT2</div> <div>T-3 PHOTOSIMS2</div> <div>LS-1 TOPOGRAPHIC SURVEY2</div> <div>A-1 OVERALL SITE PLAN2</div> <div>A-2 ENLARGED SITE PLAN2</div> <div>A-3 PROPOSED EQUIPMENT PLAN2</div> <div>A-4 PROPOSED ANTENNA PLAN, RF SCHEDULES AND DETAILS2</div> <div>A-5 PROPOSED SOUTH &amp; EAST ELEVATIONS2</div> <div>A-6 EQUIPMENT SPECS2</div>	
SITE INFORMATION	GENERAL CONTRACTOR NOTES	DRIVING DIRECTIONS	PROJECT DESCRIPTION	
<div>PROPERTY OWNER:</div> <div>FRIEDMAN PROPERTIES LP 323 PINE ST #1 SAUSALITO, CA 94965</div> <div>JURISDICTION:</div> <div>CITY OF SAN FRANCISCO</div> <div>A.P.N.:</div> <div>0986-003</div> <div>CURRENT ZONING:</div> <div>RH-1</div> <div>EXISTING USE:</div> <div>MULTIUSE</div> <div>PROPOSED USE:</div> <div>MULTIUSE, COMMUNICATIONS FACILITY</div> <div>LATITUDE (NAD 83):</div> <div>37.7897</div> <div>37° 47' 22.92" N</div> <div>LONGITUDE (NAD 83):</div> <div>-122.450964</div> <div>122°27'3.47" W</div> <div>ACCESSIBILITY REQUIREMENTS: FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. ACCESSIBILITY IS NOT REQUIRED PER CBC2016, SECTION 11B-203.4 (LIMITED ACCESS SPACE)</div> <div>POWER AGENCY:</div> <div>TBD</div> <div>PH: TBD</div> <div>TELEPHONE AGENCY:</div> <div>AT&amp;T</div> <div>RFDS VERSION:</div> <div>TBD</div> <div>DATE UPDATED:</div> <div>TBD</div>	<div>DO NOT SCALE DRAWINGS</div> <div>THESE PLANS ARE FORMATTED TO BE FULL SIZE AT 24" X 36". CONTRACTORS SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE 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.</div> <div>GENERAL NOTES</div> <div>THE FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. A TECHNICIAN WILL VISIT THE SITE AS REQUIRED FOR ROUTINE MAINTENANCE. THE PROJECT WILL NOT RESULT IN ANY SIGNIFICANT DISTURBANCE OR EFFECT ON DRAINAGE; NO SANITARY SEWER SERVICE, POTABLE WATER, OR TRASH DISPOSAL IS REQUIRED AND NO COMMERCIAL SIGNAGE IS PROPOSED.</div> <div>STATEMENTS</div> <div>STRUCTURAL ANALYSIS IS NOT WITHIN THE SCOPE OF WORK CONTAINED IN THIS DRAWINGS SET. FOR ANALYSIS OF EXISTING AND/OR PROPOSED COMPONENTS, REFER TO STRUCTURAL ANALYSIS PROVIDED UNDER SEPARATE COVER.</div> <div>ANTENNA MOUNT ANALYSIS IS NOT WITHIN THE SCOPE OF WORK CONTAINED IN THIS DRAWING SET. FOR ANALYSIS OF MOUNT TO SUPPORT EXISTING AND/OR PROPOSED COMPONENTS, REFER TO ANTENNA MOUNT STRUCTURAL ANALYSIS PROVIDED UNDER SEPARATE COVER.</div>	<div>5001 Executive Pkwy, San Ramon, CA 94583</div> <div>1. Depart Executive Pkwy toward Camino Ramon</div> <div>2. Turn right onto Camino Ramon</div> <div>3. Turn right onto Bollinger Canyon Rd</div> <div>4. Take ramp right for I-680 North toward Sacramento</div> <div>5. Take ramp right for CA-24 toward Lafayette / Oakland</div> <div>6. Take ramp right for I-580 West toward Sacramento / San Francisco</div> <div>7. Take ramp left for I-80 West toward San Francisco</div> <div>8. Keep right onto I-80 W</div> <div>9. At exit 1C, take ramp right toward Civic Center / Ninth St</div> <div>10. Bear left onto Harrison St</div> <div>11. Turn right onto 9th St</div> <div>12. Keep left onto Hayes St</div> <div>13. Turn right onto US-101 N / Van Ness Ave</div> <div>14. Turn left onto Geary Blvd</div> <div>15. Turn right onto Presidio Ave</div> <div>16. Turn left onto Washington St</div> <div>17. Turn right onto Laurel St</div> <div>18. 145 Laurel St, San Francisco, CA 94118</div>	<div>INSTALLATION OF A NEW SITE BUILD, UNMANNED TELECOMMUNICATIONS FACILITY, CONSISTING OF THE FOLLOWING:</div> <div>ANTENNA SOW:</div> <div>•• INSTALLATION OF (4) AT&amp;T SECTORS WITHIN FRP ENCLOSURES ON ROOFTOP, FRP SCREENS WILL BE PAINTED WHITE TO MATCH THE EXISTING ROOFTOP PENTHOUSE</div> <div>•• INSTALLATION OF (16) AT&amp;T PANEL ANTENNAS</div> <div>•• INSTALLATION OF (24) AT&amp;T REMOTE RADIO HEADS (RRH's)</div> <div>•• INSTALLATION OF (6) DC-6 SURGE SUPPRESSORS</div> <div>•• INSTALLATION OF (1) GPS ANTENNA</div> <div>•• PROPOSED AT&amp;T COAX CABLE TRAYS FROM PROPOSED EQUIPMENT AREA TO PROPOSED ANTENNA SECTORS</div> <div>EQUIPMENT SOW:</div> <div>•• INSTALLATION OF (1) 200A AC POWER PANEL</div> <div>•• INSTALLATION OF (1) GEN PLUG</div> <div>•• INSTALLATION OF (1) CIENA AND HOFFMAN BOX</div> <div>•• INSTALLATION OF (1) EMERSON DCPD CABINET</div> <div>•• INSTALLATION OF (1) EMERSON BATTERY CABINET W/ (8) BATTERIES</div> <div>•• INSTALLATION OF (4) PRUCCELL CABINETS</div> <div>•• INSTALLATION OF (2) DC12 SURGE SUPPRESSORS</div>	<div>It is a violation of law for any persons, unless they are acting under the direction of a licensed professional engineer, to alter this document</div> <div>T-1</div> <div>TITLE SHEET</div> <div>1 OF 10</div>



AT&T Mobility • Proposed Base Station (Site No. CCL05208)  
145 Laurel Street • San Francisco, California  
FA No. 10067541, USID No. 197477, PA No. 3701A0B1QE

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. CCL05208) proposed to be located at 145 Laurel 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 <sup>2</sup>	1.00 mW/cm <sup>2</sup>
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 July 6, 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.
- 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.

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

HAMMETT & EDISON, INC.  
CONSULTING ENGINEERS  
SAN FRANCISCO

YOEL 1  
Page 1 of 4

AT&T Mobility • Proposed Base Station (Site No. CCL05208)  
145 Laurel Street • San Francisco, California  
FA No. 10067541, USID No. 197477, PA No. 3701A0B1QE

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 145 Laurel 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.



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

August 3, 2018

HAMMETT & EDISON, INC.  
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YOEL 1  
Page 4 of 4

AT&T Mobility • Proposed Base Station (Site No. CCL05208)  
145 Laurel Street • San Francisco, California  
FA No. 10067541, USID No. 197477, PA No. 3701A0B1QE

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

No antennas are to be removed. AT&T proposes to install sixteen Quintel Model QS6658-3 directional panel antennas within four view screen enclosures to be constructed near the four corners of the roof. The antennas would employ up to 10° downtilt, would be mounted at an effective height of about 72 feet above ground, 11½ feet above the roof, and would be oriented in groups of four toward 60°T, 135°T, 260°T, and 330°T.

- 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 and at ground near the site are presumed to be well below the applicable public exposure limit.

- 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 17,840 watts, representing simultaneous operation at 1,680 watts for WCS, 4,820 watts for AWS, 6,480 watts for PCS, 1,110 watts for cellular, and 3,750 watts for 700 MHz service.

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

The maximum calculated level at the top-floor elevation of any nearby residence is 29% of the public exposure limit; this occurs at the three-story residence about 100 feet to the west.

- 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 0.066 mW/cm<sup>2</sup>, which is 8.1% of the applicable public exposure limit. Cumulative RF levels at ground level near the site are therefore estimated to be well below the applicable public limit.

- 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 100 and 36 feet out from the antenna faces, respectively, and to much lesser

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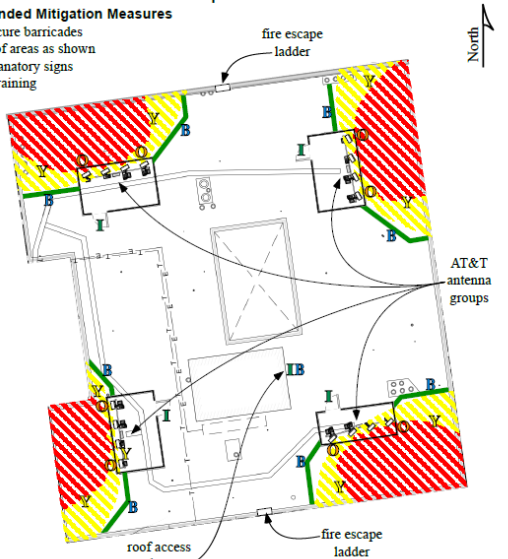
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Page 2 of 4

AT&T Mobility • Proposed Base Station (Site No. CCL05208)  
145 Laurel Street • San Francisco, California  
FA No. 10067541, USID No. 197477, PA No. 3701A0B1QE

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.  
Maintain 4-foot clearance to fire escapes.  
Base drawing from J5 Infrastructure Partners, dated July 6, 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				

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YOEL 1  
Figure 1

AT&T Mobility • Proposed Base Station (Site No. CCL05208)  
145 Laurel Street • San Francisco, California  
FA No. 10067541, USID No. 197477, PA No. 3701A0B1QE

distances above, below, and to the sides; this includes areas on the roof of the building but does not reach any other publicly accessible areas.

- 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 certain 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 36 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 on the roof access door, on the barricades, at edges of the red-striped areas, on the enclosures in front of the antennas, and at the doors to the enclosures, readily visible from any angle of approach to persons who might need to work within that distance.

- 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.

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YOEL 1  
Page 3 of 4



1452 EDINGER AVE.  
TUSTIN, CALIFORNIA 92780



2030 MAIN STREET, SUITE 200  
IRVINE, CALIFORNIA 92614



CCL05208

BARON  
APARTMENTS

145 LAUREL STREET,  
SAN FRANCISCO, CA 94118

FA #:10067541  
PACE #: MRSFR001426  
PT #: 3701A0B1QE  
USID: 197477

REV	DATE	DESCRIPTION
2	08/20/18	100% ZDs
1	07/06/18	REDLINES
0	02/01/18	100% ZDs
A	10/09/17	90% ZDs

It is a violation of law for any persons, unless they are acting under the direction of a licensed professional engineer, to alter this document

T-2

EME REPORT

2 OF 10

24"x36" SCALE: NTS  
11"x17" SCALE: NTS





Install (16) panel antennas inside proposed FRP screening on existing rooftop



PHOTOSIMULATION  
J5

View 1 of 4



CCL05208  
145 Laurel Street  
San Francisco CA 94118  
Rev 3 - 7/14/18



Install (16) panel antennas inside proposed FRP screening on existing rooftop



PHOTOSIMULATION  
J5

View 2 of 4



CCL05208  
145 Laurel Street  
San Francisco CA 94118  
Rev 3 - 7/14/18



Install (16) panel antennas inside proposed FRP screening on existing rooftop



PHOTOSIMULATION  
J5

View 3 of 4



CCL05208  
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San Francisco CA 94118  
Rev 3 - 7/14/18



Install (16) panel antennas inside proposed FRP screening on existing rooftop



PHOTOSIMULATION  
J5

View 4 of 4



CCL05208  
145 Laurel Street  
San Francisco CA 94118  
Rev 3 - 7/14/18



PHOTOSIMULATION  
J5

View Chart



CCL05208  
145 Laurel Street  
San Francisco CA 94118  
Rev 3 - 7/14/18



1452 EDINGER AVE.  
TUSTIN, CALIFORNIA 92780



2030 MAIN STREET, SUITE 200  
IRVINE, CALIFORNIA 92614



23675 BRITCHER DRIVE  
LAKE FOREST, CA 92650  
PHONE: (949) 273-0996

CCL05208

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145 LAUREL STREET,  
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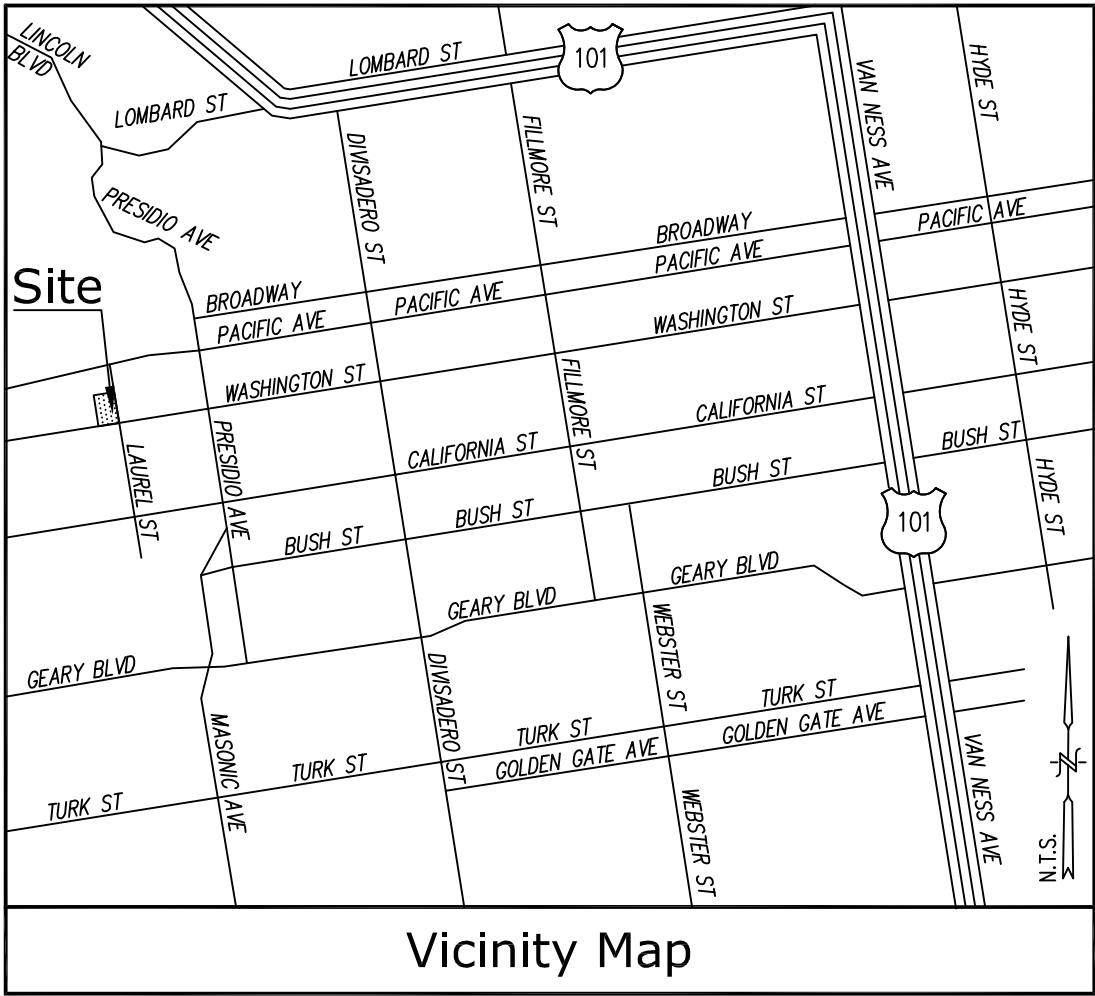
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T-3

PHOTOSIMS

3 OF 10





### Title Report

PREPARED BY: FIRST AMERICAN TITLE COMPANY  
ORDER BY: 1004-5618137  
DATED: JANUARY 18, 2018

### Legal Description

THAT, ACCORDING TO THOSE PUBLIC RECORDS WHICH, UNDER THE RECORDING LAWS, IMPART CONSTRUCTIVE NOTICE OF MATTERS RELATING TO THE INTEREST, IF ANY, WHICH WAS (ACQUIRED) (RESERVED) BY: FRIEDMAN PROPERTIES L.P., A CALIFORNIA LIMITED PARTNERSHIP PURSUANT TO A GRANT DEED IN AND TO THE REAL PROPERTY IN THE CITY OF SAN FRANCISCO, COUNTY OF SAN FRANCISCO, STATE OF CALIFORNIA, DESCRIBED AS FOLLOWS:

BEGINNING AT THE POINT OF INTERSECTION OF THE NORTHERLY LINE OF WASHINGTON STREET WITH THE WESTERLY LINE OF LAUREL STREET; RUNNING THENCE WESTERLY AND ALONG SAID LINE OF WASHINGTON STREET 82 FEET 6 INCHES; THENCE AT A RIGHT ANGLE NORTHERLY 100 FEET; THENCE AT A RIGHT ANGLE EASTERLY 82 FEET 6 INCHES TO THE WESTERLY LINE OF LAUREL STREET; THENCE SOUTHERLY AND ALONG THE WESTERLY LINE OF LAUREL STREET 100 FEET TO THE POINT OF BEGINNING. BEING A PORTION OF WESTERN ADDITION BLOCK NO. 820.

### Assessor's Parcel No.

LOT: 003 BLOCK:0986

### Easements

NO EASEMENTS PER TITLE REPORT

### Access Easements/Lease Area

TO BE DETERMINED

### Geographic Coordinates at Center of Proposed Sectors

1983 DATUM: LATITUDE 37° 47' 22.95"N LONGITUDE 122° 27' 03.45"W  
ELEVATION = 261.1 FEET ABOVE MEAN SEA LEVEL.

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

### Basis of Bearings

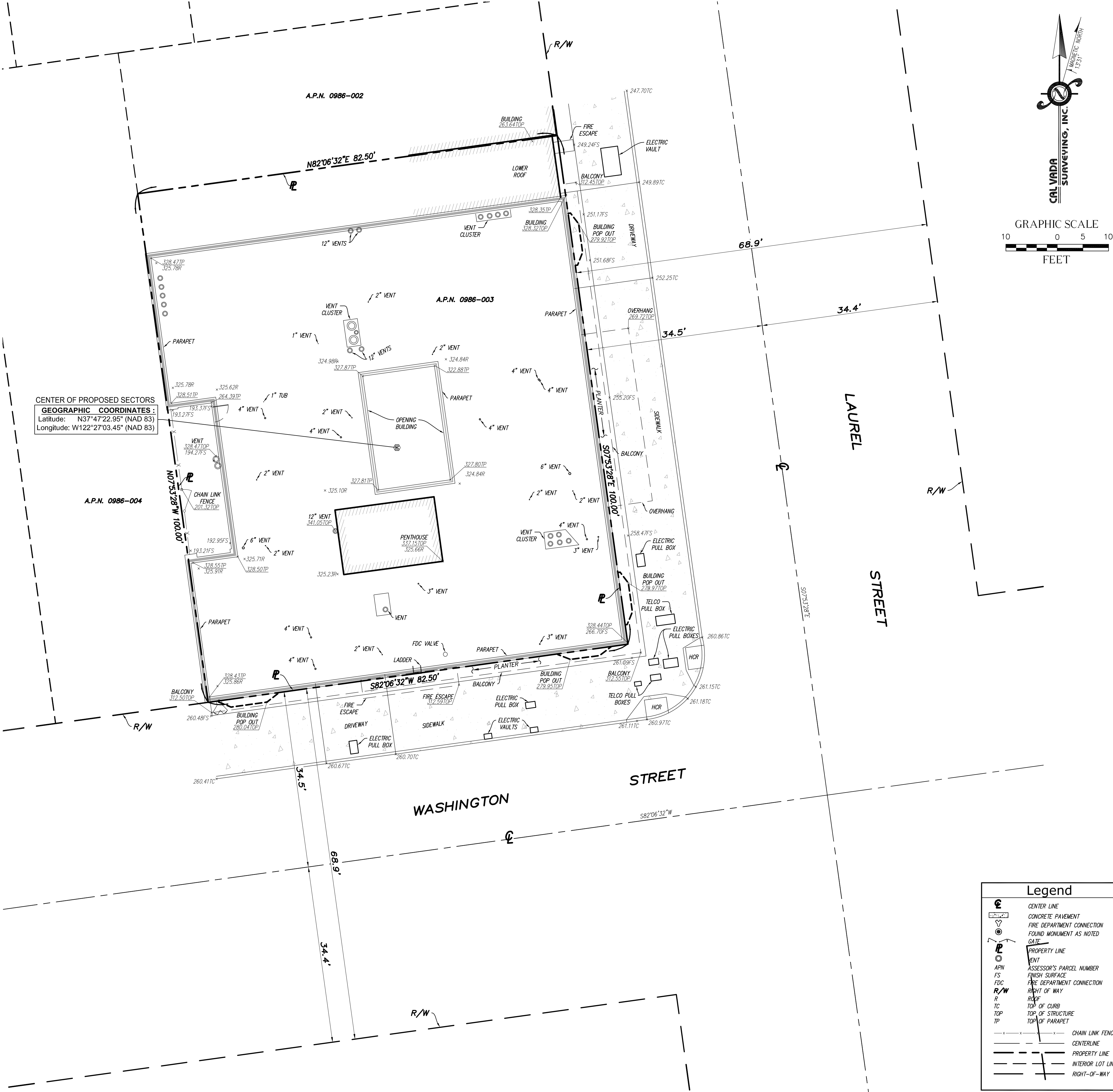
THE BASIS OF BEARINGS FOR THIS SURVEY IS THE CALIFORNIA COORDINATES SYSTEM (CCS 83), ZONE 3, 1983 DATUM, DEFINED BY SECTIONS 8801 TO 8819 OF THE CALIFORNIA PUBLIC RESOURCES CODE.

### Bench Mark

THE CALIFORNIA SPATIAL REFERENCE CENTER C.O.R.S. "TIBB", ELEVATION = 38.74 FEET (NAVD 88).

### Date of Survey

DECEMBER 13, 2017



A&E DEVELOPMENT:



CONSULTANT:

## CAL VADA SURVEYING, INC.

411 Jenks Cir., Suite 205, Corona, CA 92880  
Phone: 951-280-9960 Fax: 951-280-9746  
Toll Free: 800-CALVADA www.calvada.com

JOB NO. 171849

LICENSURE:



REVISION:

REVISION:	DATE: / BY:	DESCRIPTION:
	12/20/17	
	CE	SUBMITTAL
1	03/01/18	
	MN	DESIGN
2	04/16/18	
	MN	FINAL

SITE INFORMATION:

SITE NUMBER  
**CCL05208**  
SITE NAME  
**LAUREL STREET APARTMENTS**  
**145 LAUREL STREET,**  
**SAN FRANCISCO, CA 94118**  
**SAN FRANCISCO COUNTY**

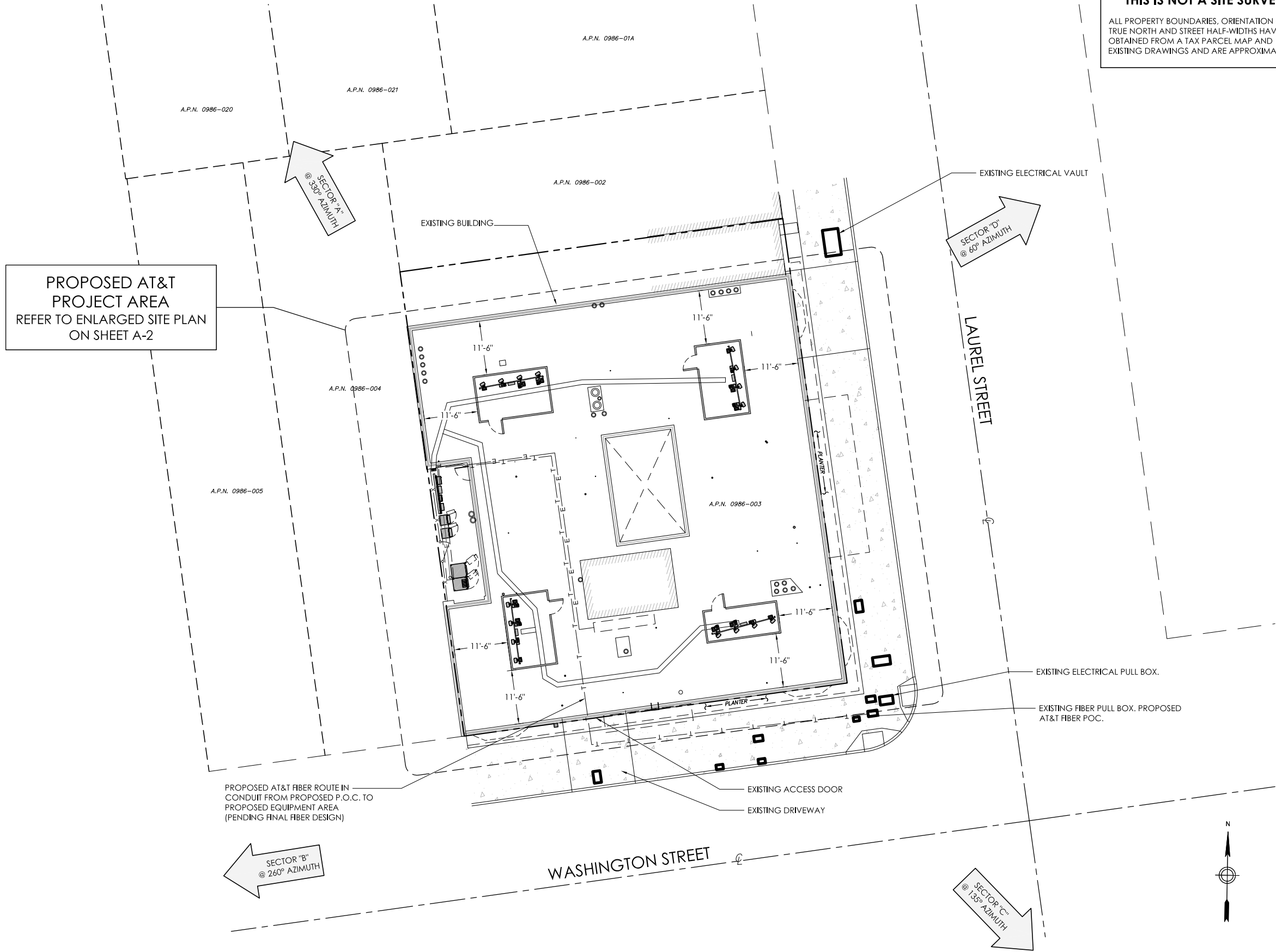
SHEET TITLE:

## TOPOGRAPHIC SURVEY

SHEET NUMBER:

**LS-1**  
SHEET 1 OF 1





**THIS IS NOT A SITE SURVEY**  
ALL PROPERTY BOUNDARIES, ORIENTATION OF TRUE NORTH AND STREET HALF-WIDTHS HAVE BEEN OBTAINED FROM A TAX PARCEL MAP AND EXISTING DRAWINGS AND ARE APPROXIMATE.

PROPOSED AT&T PROJECT AREA  
REFER TO ENLARGED SITE PLAN ON SHEET A-2

PROPOSED AT&T FIBER ROUTE IN CONDUIT FROM PROPOSED P.O.C. TO PROPOSED EQUIPMENT AREA (PENDING FINAL FIBER DESIGN)

EXISTING ELECTRICAL VAULT

SECTOR "D"  
@ 60° AZIMUTH

LAUREL STREET

EXISTING ELECTRICAL PULL BOX.

EXISTING FIBER PULL BOX. PROPOSED AT&T FIBER POC.

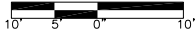
EXISTING ACCESS DOOR

EXISTING DRIVEWAY

WASHINGTON STREET

SECTOR "B"  
@ 260° AZIMUTH

SECTOR "C"  
@ 135° AZIMUTH



**at&t**  
mobility corp.  
1452 EDINGER AVE.  
TUSTIN, CALIFORNIA 92780

**INFRASTRUCTURE**  
AZ - CA - CO - ID - NM - NV - TX - UT  
2030 MAIN STREET, SUITE 200  
IRVINE, CALIFORNIA 92614

**ALL STATES**  
ENGINEERING & SURVEYING  
A ZALZALI & ASSOCIATES COMPANY  
23675 BRITCHER DRIVE  
LAKE FOREST, CA 92653  
PHONE: (949) 273-0996

**CCL05208**  
**BARON APARTMENTS**  
145 LAUREL STREET,  
SAN FRANCISCO, CA 94118  
FA #:10067541  
PACE #: MRSFR001426  
PT #: 3701A0B1QE  
USID: 197477

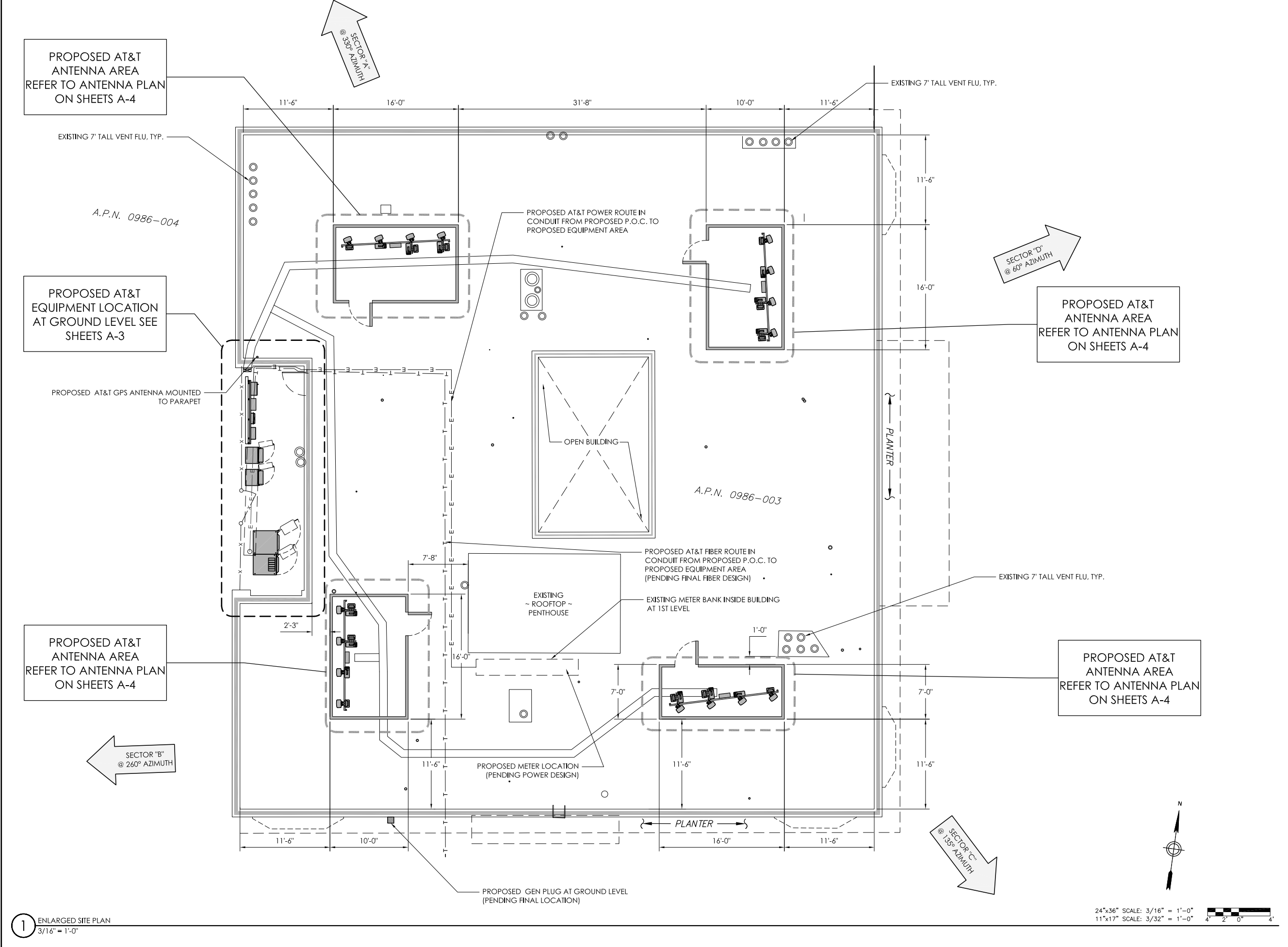
REV	DATE	DESCRIPTION
2	08/20/18	100% ZDs
1	07/06/18	REDLINES
0	02/01/18	100% ZDs
A	10/09/17	90% ZDs

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**A-1**  
**OVERALL SITE PLAN**

**5 OF 10**





**at&t**  
mobility corp.  
1452 EDINGER AVE.  
TUSTIN, CALIFORNIA 92780

**INFRASTRUCTURE**  
AZ - CA - CO - ID - NM - NV - TX - UT  
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**CCL05208**  
**BARON**  
**APARTMENTS**  
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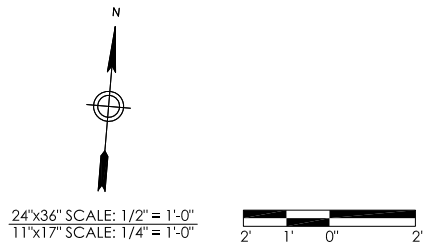
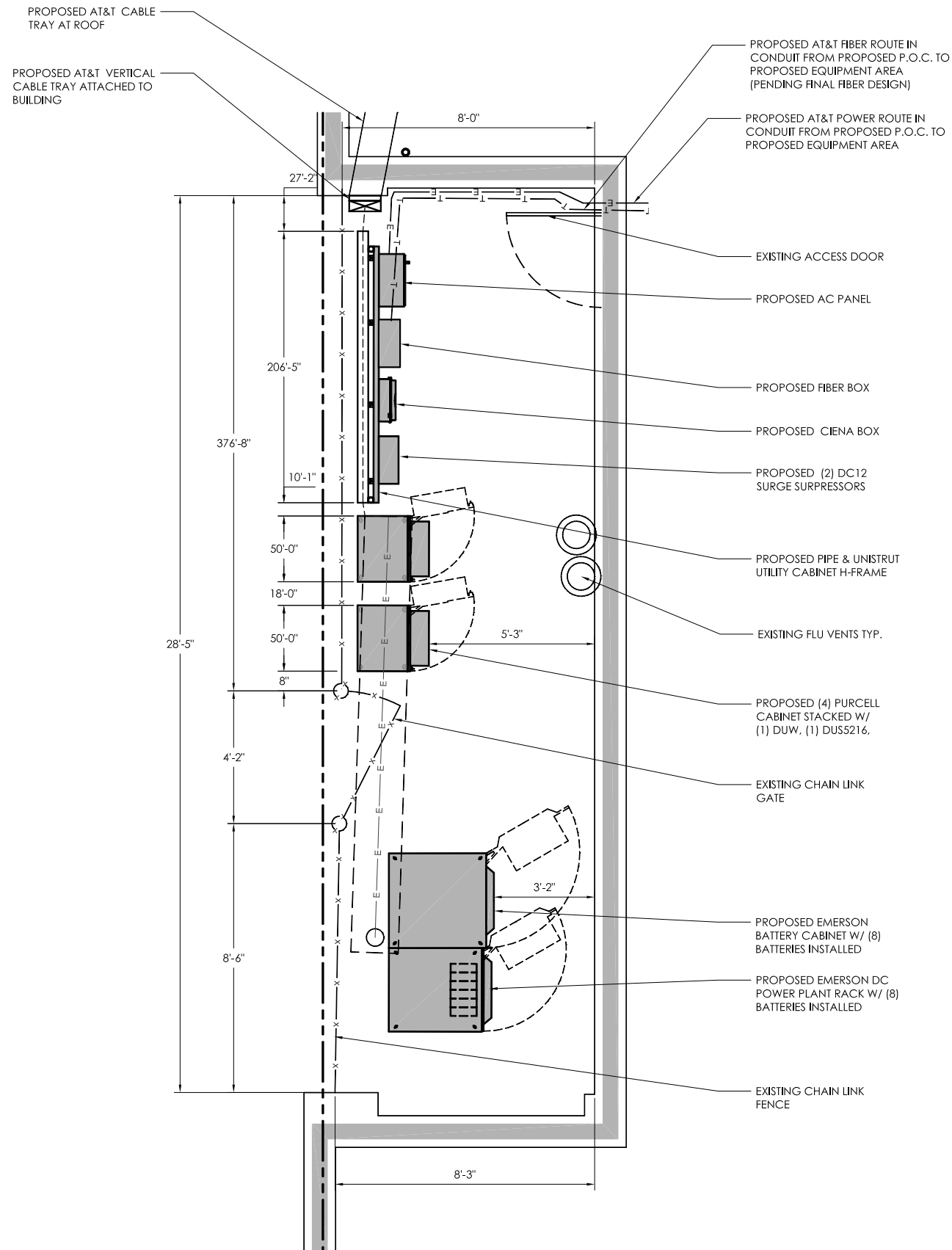
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**A-2**


**ENLARGED SITE PLAN**

**6 OF 10**






APPLICANT:




1452 EDINGER AVE.  
TUSTIN, CALIFORNIA 92780

VENDOR:



AZ - CA - CO - ID - NM - NV - TX - UT  
2030 MAIN STREET, SUITE 200  
IRVINE, CALIFORNIA 92614

VENDOR:



A ZALZALI & ASSOCIATES COMPANY  
23675 BRITCHER DRIVE  
LAKE FOREST, CA 92653  
PHONE: (949) 273-0996

SITE INFORMATION:

CCL05208

BARON APARTMENTS  
145 LAUREL STREET,  
SAN FRANCISCO, CA 94118

FA #:10067541  
PACE #: MRSFR001426  
PT #: 3701A0B1QE  
USID: 197477

DESIGN RECORD:

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A	10/09/17	90% ZDs
REV	DATE	DESCRIPTION

PROFESSIONAL STAMP:

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SHEET TITLE:

A-3

SHEET NAME:

EQUIPMENT PLAN

SHEET NUMBER:

7 OF 10

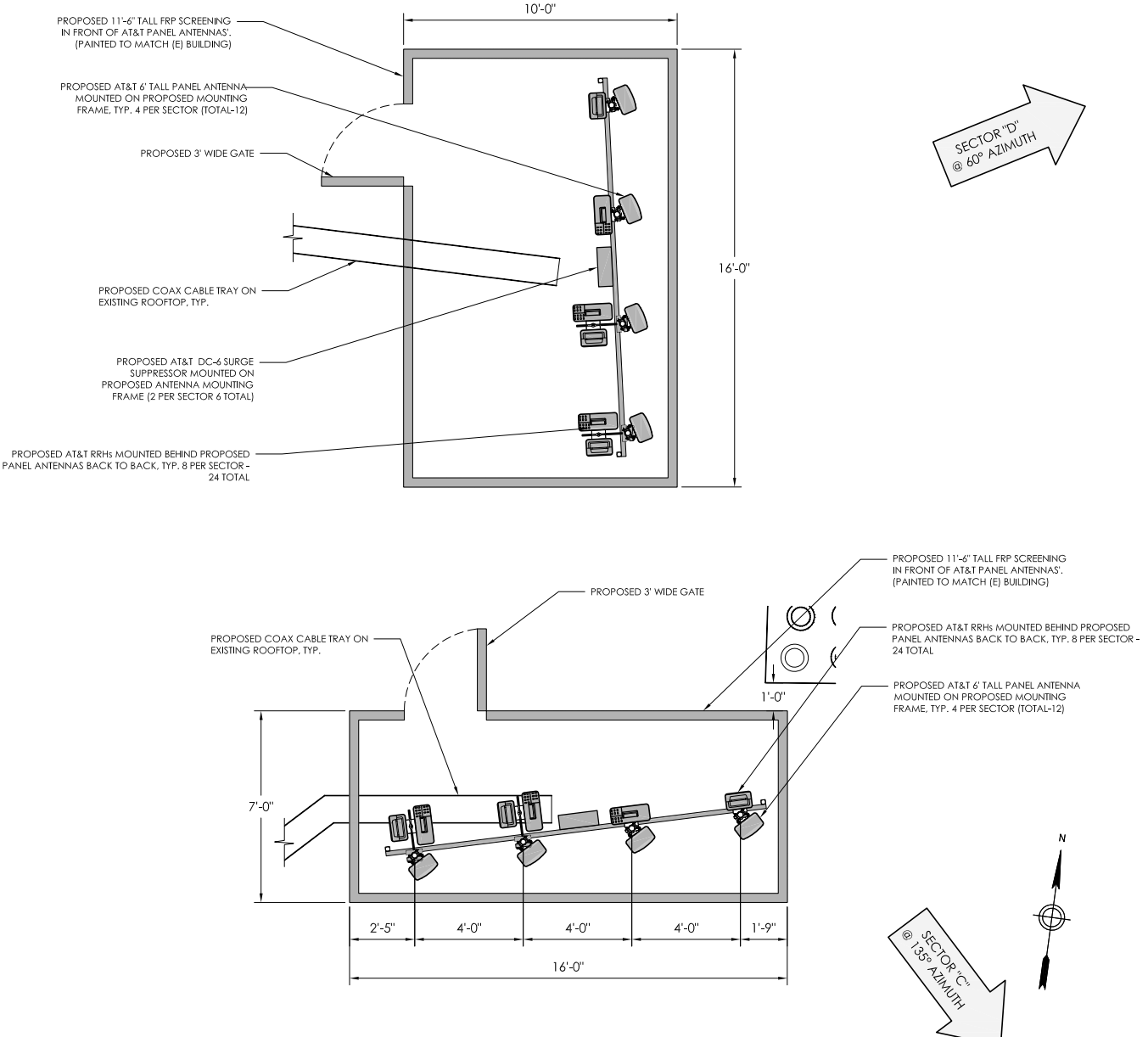
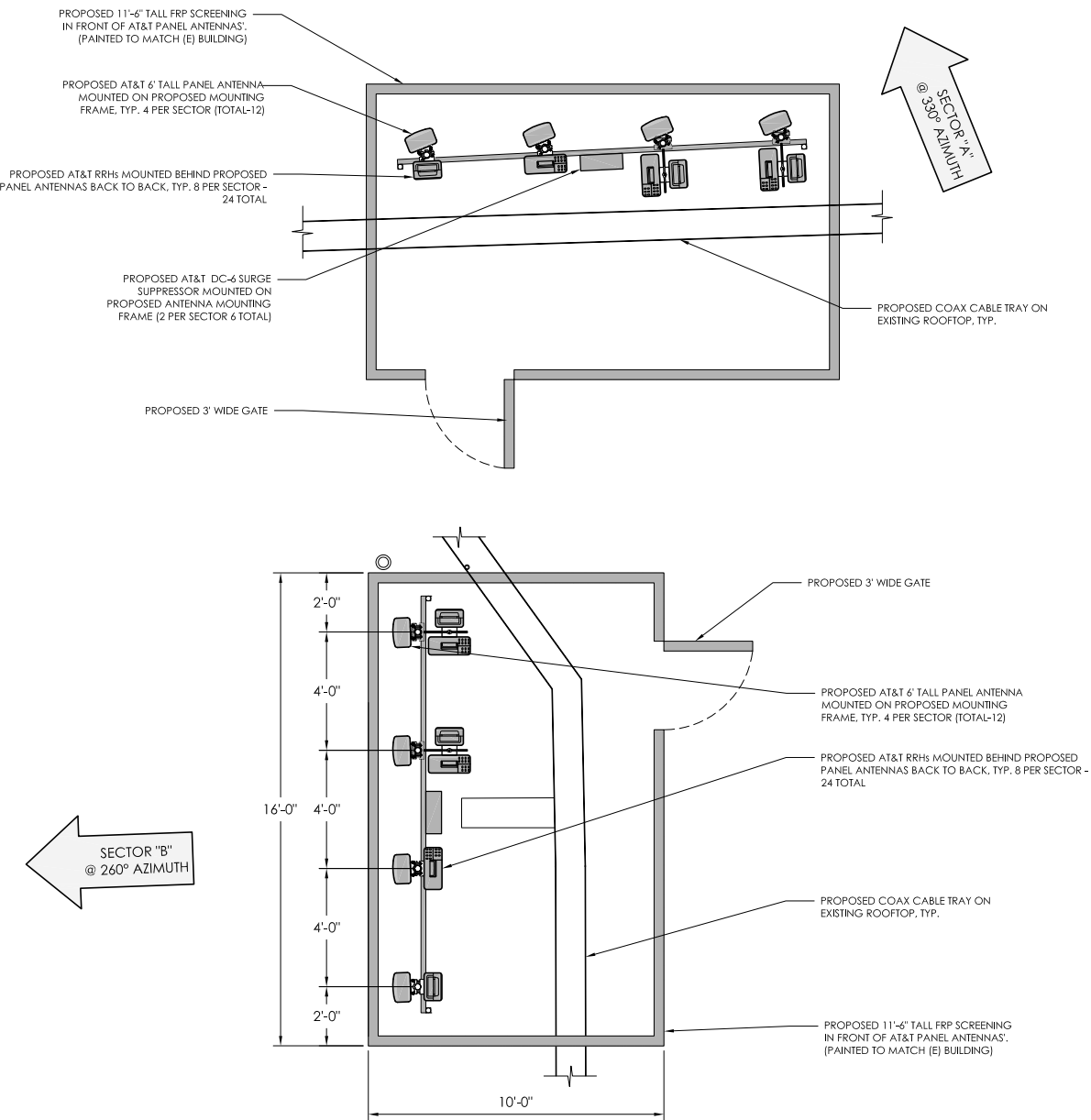


SECTOR	RRU TYPE		RRU LOCATION		MINIMUM CLEARANCES		
	PROPOSED		(DISTANCE FROM ANTENNA)		ABOVE	BELOW	SIDES
ALPHA	A1	RRUS-11	UP	±10'-0"	16"	12"	8"
	A1	RRUS-32 B2	UP	±10'-0"	16"	12"	8"
	A2	B14 4478 & RRUS-12	UP	±10'-0"	16"	12"	8"
	A2	RRUS-32 B66	UP	±10'-0"	16"	12"	8"
	A3	B14 4478 & RRUS-32 B2	UP	±10'-0"	16"	12"	8"
BETA	A4	RRH2x40-07L-DE	UP	±10'-0"	16"	12"	8"
	A4	RRUS-32	UP	±10'-0"	16"	12"	8"
	A4	RRUS-32	UP	±10'-0"	16"	12"	8"
GAMMA	C1	RRUS-11	UP	±10'-0"	16"	12"	8"
	C1	RRUS-32 B2	UP	±10'-0"	16"	12"	8"
	C2	B14 4478 & RRUS-12	UP	±10'-0"	16"	12"	8"
	C2	RRUS-32 B66	UP	±10'-0"	16"	12"	8"
	C3	B14 4478 & RRUS-32 B2	UP	±10'-0"	16"	12"	8"
DELTA	D4	RRH2x40-07L-DE	UP	±10'-0"	16"	12"	8"
	D4	RRUS-32	UP	±10'-0"	16"	12"	8"
	D4	RRUS-32	UP	±10'-0"	16"	12"	8"

- NOTES TO CONTRACTOR:
- CONTRACTOR IS TO REFER TO AT&T'S MOST CURRENT RADIO FREQUENCY DATA SHEET (RFDS) PRIOR TO CONSTRUCTION. CABLE LENGTHS WERE DETERMINED BASED ON VISUAL INSPECTION DURING SITE-WALK. CONTRACTOR TO VERIFY ACTUAL LENGTH DURING PRE-CONSTRUCTION WALK.


FINAL ANTENNA AND TRANSMISSION CABLE REQUIREMENTS								
SECTOR		TECHNOLOGY	ANTENNA	SIZE	AZIMUTH	TRANSMISSION LINES (LENGTH FT. +/-)		
			MFR./MODEL #			COAX LENGTH	COAX SIZE	COAX NO.
SECTOR "A"	A1	1C/2C	QS6658-3	6'	330°	120'	TBD	6
	A2	3C/6C	QS6658-3	6'	330°	120'	TBD	8
	A3	7C	QS6658-3	6'	330°	120'	TBD	8
	A4	4C/5C	QS6658-3	6'	330°	120'	TBD	6
SECTOR "B"	B1	1C/2C	QS6658-3	6'	260°	145'	TBD	6
	B2	3C/6C	QS6658-3	6'	260°	145'	TBD	8
	B3	7C	QS6658-3	6'	260°	145'	TBD	8
	B4	4C/5C	QS6658-3	6'	260°	145'	TBD	6
SECTOR "C"	C1	1C/2C	QS6658-3	6'	135°	200'	TBD	6
	C2	3C/6C	QS6658-3	6'	135°	200'	TBD	8
	C3	7C	QS6658-3	6'	135°	200'	TBD	8
	C4	4C/5C	QS6658-3	6'	135°	200'	TBD	6
SECTOR "D"	D1	1C/2C	QS6658-3	8'	60°	155'	TBD	6
	D2	3C/6C	QS6658-3	8'	60°	155'	TBD	8
	D3	7C	QS6658-3	8'	60°	155'	TBD	8
	D4	4C/5C	QS6658-3	8'	60°	155'	TBD	6

2 PROPOSED RF SCHEDULE  
NTS




1 PROPOSED ANTENNA PLAN  
3/4" = 1'-0"


APPLICANT:

  
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VENDOR:

  
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IRVINE, CALIFORNIA 92614

VENDOR:

  
23675 BRITCHER DRIVE  
LAKE FOREST, CA 92653  
PHONE: (949) 273-0996

SITE INFORMATION:

**CCL05208**

**BARON APARTMENTS**

145 LAUREL STREET,  
SAN FRANCISCO, CA 94118

FA #:10067541  
PACE #: MRSFR001426  
PT #: 3701A0B1QE  
USID: 197477

DESIGN RECORD:

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**A-4**

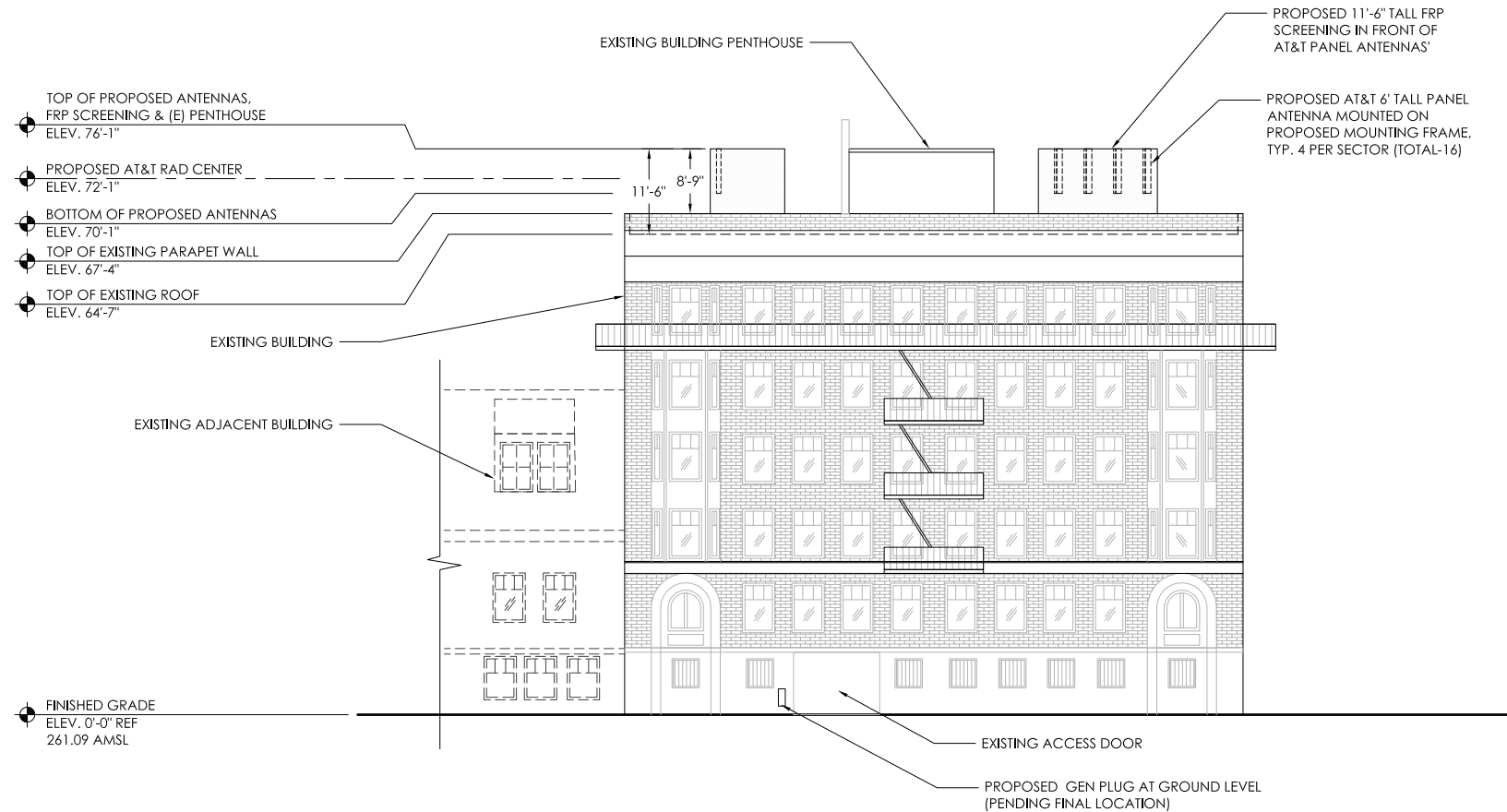
SHEET NAME:

**ANTENNA PLAN, RF SCHEDULE, & DETAILS**

SHEET NUMBER:

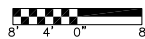
**8 OF 10**



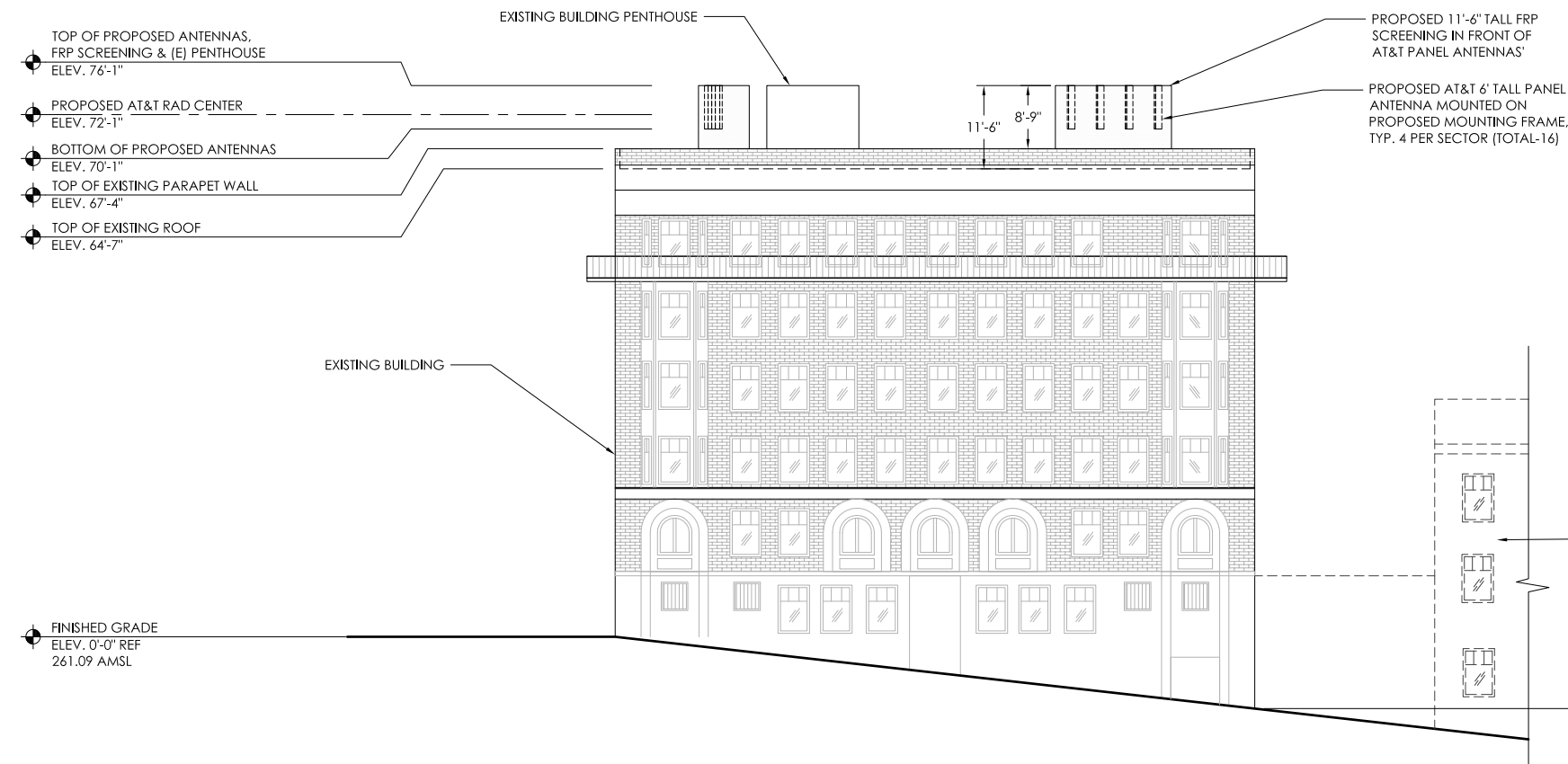


NOTE:  
FRP SCREENS WILL BE PAINTED WHITE TO MATCH THE  
EXISTING ROOFTOP PENTHOUSE.

24"x36" SCALE: 3/32" = 1'-0"  
11"x17" SCALE: 3/64" = 1'-0"



1 PROPOSED SOUTH ELEVATION  
1/8" = 1'-0"



NOTE:  
FRP SCREENS WILL BE PAINTED WHITE TO MATCH THE  
EXISTING ROOFTOP PENTHOUSE.

LOWER GRADE  
ELEV. -9'11"  
251.17 AMSL

24"x36" SCALE: 3/32" = 1'-0"  
11"x17" SCALE: 3/64" = 1'-0"



2 PROPOSED EAST ELEVATION  
1/8" = 1'-0"

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SHEET TITLE:

**A-5**

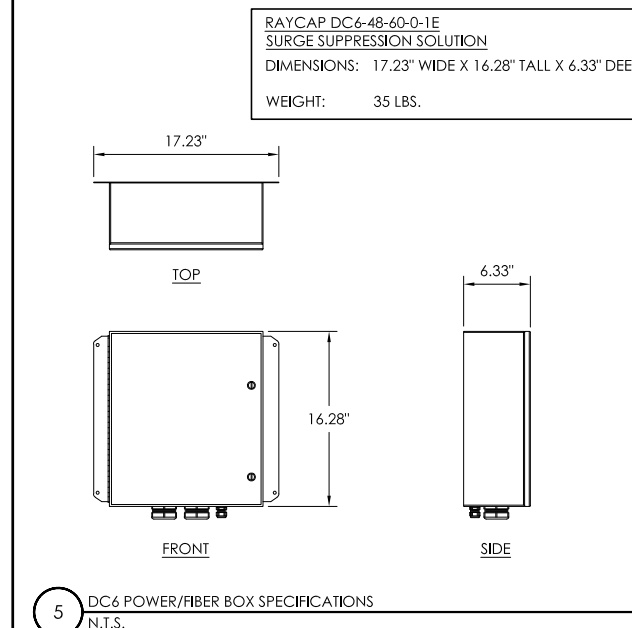
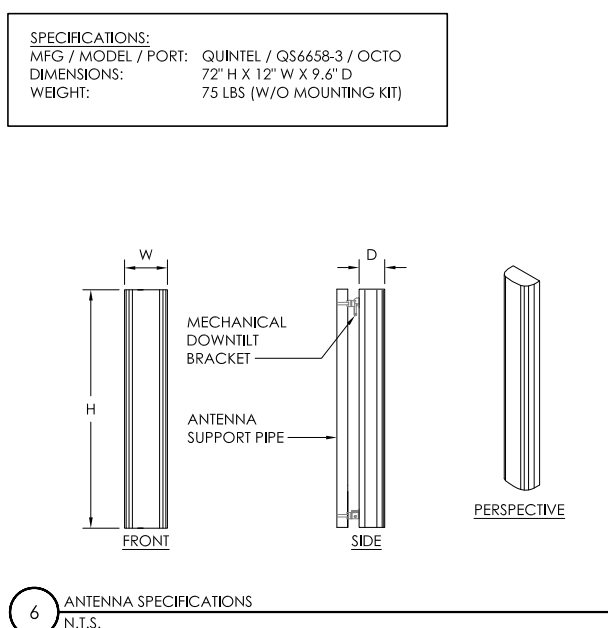
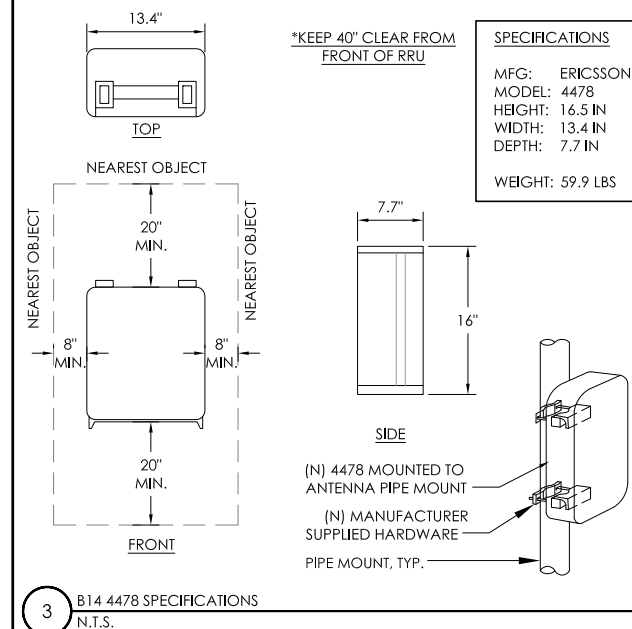
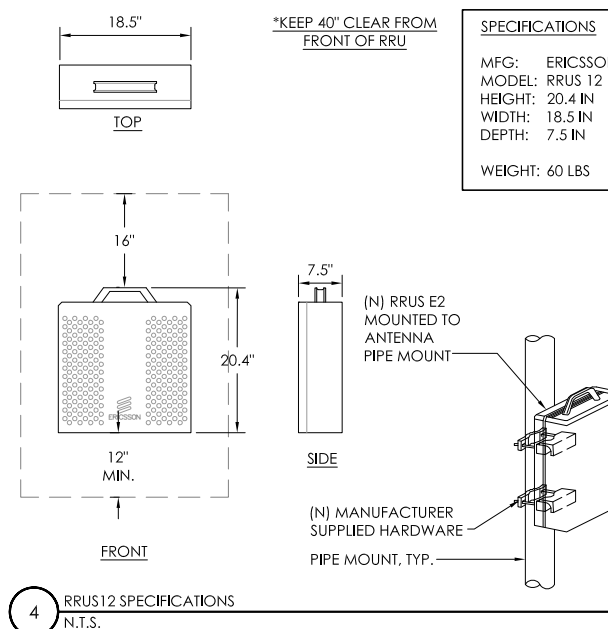
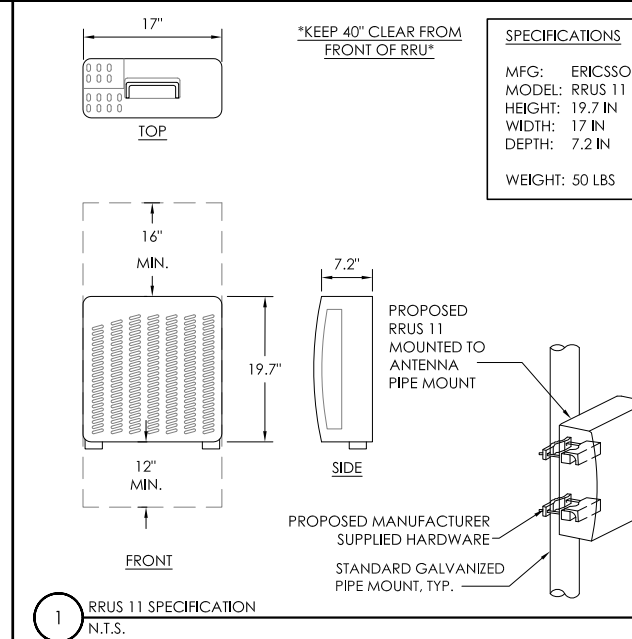
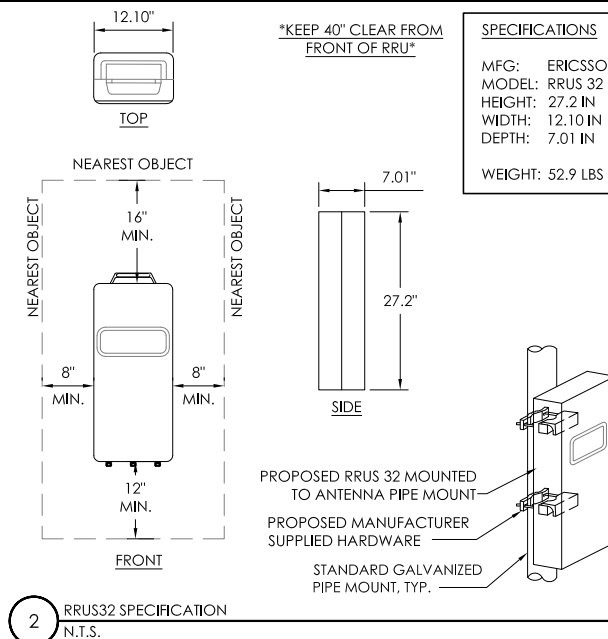
SHEET NAME:

**PROPOSED SOUTH &  
EAST ELEVATIONS**

SHEET NUMBER:

**9 OF 10**





APPLICANT:



**VENDOR:**



**VENDOR:**



#### SITE INFORMATION:

**CCL05208**

**BARON  
APARTMENTS**

145 LAUREL STREET,  
SAN FRANCISCO, CA 94111

FA #:10067541  
PACE #: MRSFR001426  
PT #: 3701A0B1QE  
USID: 197477

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REV	DATE	DESCRIPTION

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SHEET TITLE:

**A-6**

SHEET NAME:

## EQUIPMENT SPECS

SHEET NUMBER:

10 OF 10





Install (16) panel antennas inside proposed FRP screening on existing rooftop







Install (16) panel antennas inside proposed FRP screening on existing rooftop







Install (16) panel antennas inside proposed FRP screening on existing rooftop



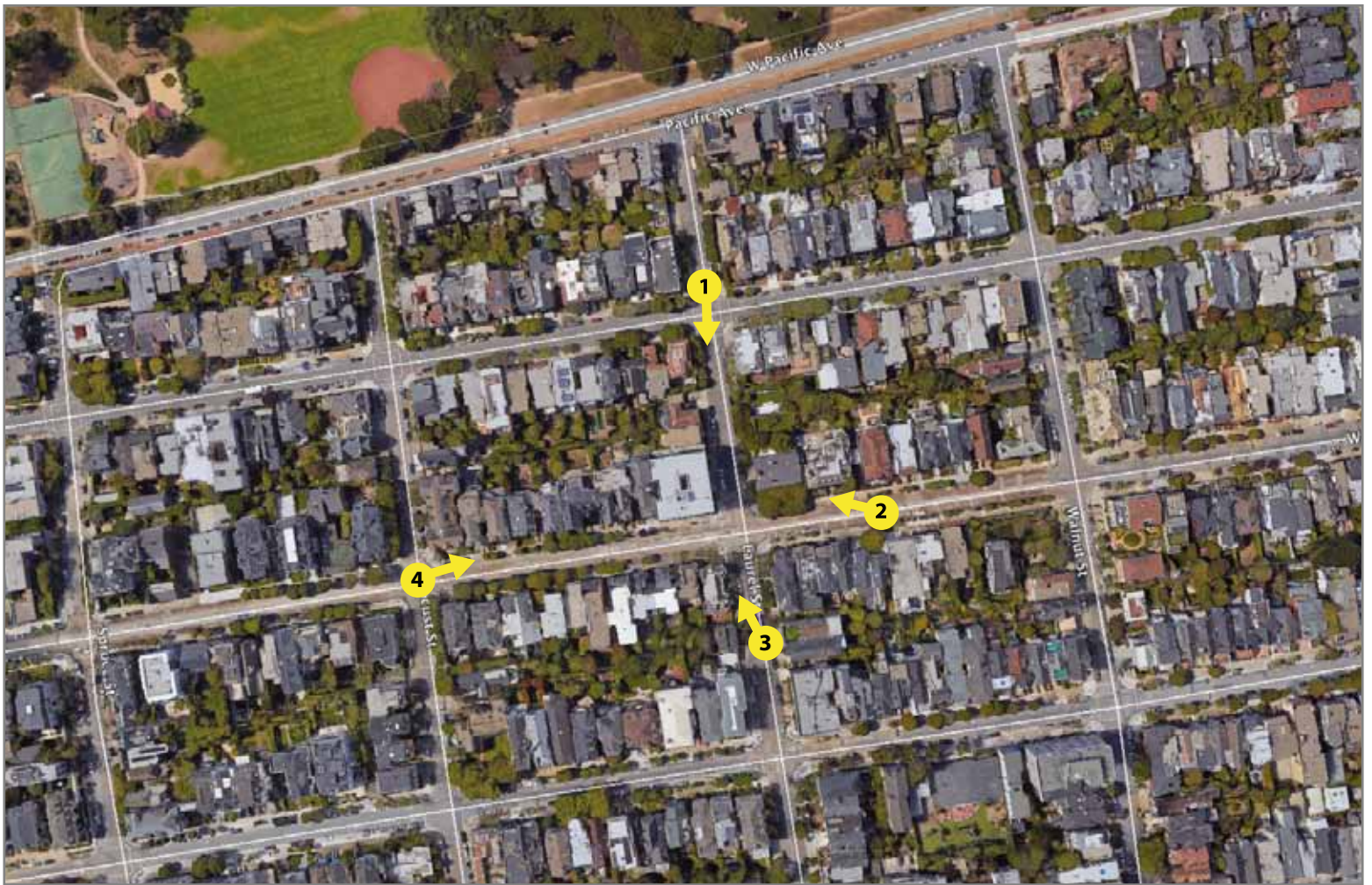




Install (16) panel antennas inside proposed FRP screening on existing rooftop









## **EXHIBIT C**





# SAN FRANCISCO PLANNING DEPARTMENT

## CEQA Categorical Exemption Determination

### PROPERTY INFORMATION/PROJECT DESCRIPTION

<b>Project Address</b>		<b>Block/Lot(s)</b>
145 LAUREL ST		0986003
<b>Case No.</b>		<b>Permit No.</b>
2018-006212PRJ		
<input checked="" type="checkbox"/> <b>Addition/ Alteration</b>	<input type="checkbox"/> <b>Demolition (requires HRE for Category B Building)</b>	<input type="checkbox"/> <b>New Construction</b>
<b>Project description for Planning Department approval.</b> 145 Laurel Street - AT&T WTS New Site Build: The proposed project will consist of installing (4) FRP screen wall on existing rooftop; (1) equipment enclosure with existing building lightwell on the ground floor; (16) AT&T 6'-0" panel antennas, (24) RRH's; (6) DC-6 Surge Suppressors; install (1) 200A AC power panel; (1) proposed AT&T GPS unit; (1) coax cable trays from proposed equipment area to proposed antenna sectors; (1) 200A AC posser panel; (1) gen plug; (1) Ciena and Hoffman box; (1) Emerson DCPD cabinet; (1) Emerson battery cabinet with (8) batteries; (4) Purcell cabinets; (2) DC12 surge suppressors.		

### STEP 1: EXEMPTION CLASS

<b>*Note: If neither class applies, an <i>Environmental Evaluation Application</i> is required.*</b>	
<input checked="" type="checkbox"/>	<b>Class 1 - Existing Facilities.</b> Interior and exterior alterations; additions under 10,000 sq. ft.
<input type="checkbox"/>	<b>Class 3 - New Construction.</b> 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"/>	<b>Class 32 - In-Fill Development.</b> 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.  <b>FOR ENVIRONMENTAL PLANNING USE ONLY</b>
<input type="checkbox"/>	<b>Class ____</b>



## 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"/>	<b>Air Quality:</b> 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"/>	<b>Hazardous Materials:</b> 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 &gt; Maher layer).</i>
<input type="checkbox"/>	<b>Transportation:</b> 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"/>	<b>Archeological Resources:</b> 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"/>	<b>Subdivision/Lot Line Adjustment:</b> 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"/>	<b>Slope = or &gt; 20%:</b> 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) <b>If box is checked, a geotechnical report is required.</b>
<input type="checkbox"/>	<b>Seismic: Landslide Zone:</b> 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) <b>If box is checked, a geotechnical report is required.</b>
<input type="checkbox"/>	<b>Seismic: Liquefaction Zone:</b> 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) <b>If box is checked, a geotechnical report will likely be required.</b>

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

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

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

<b>Check all that apply to the project.</b>	
<input type="checkbox"/>	1. <b>Change of use and new construction.</b> Tenant improvements not included.
<input type="checkbox"/>	2. <b>Regular maintenance or repair</b> to correct or repair deterioration, decay, or damage to building.
<input type="checkbox"/>	3. <b>Window replacement</b> that meets the Department's <i>Window Replacement Standards</i> . Does not include storefront window alterations.
<input type="checkbox"/>	4. <b>Garage work.</b> 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. <b>Deck, terrace construction, or fences</b> not visible from any immediately adjacent public right-of-way.
<input type="checkbox"/>	6. <b>Mechanical equipment installation</b> that is not visible from any immediately adjacent public right-of-way.
<input type="checkbox"/>	7. <b>Dormer installation</b> that meets the requirements for exemption from public notification under <i>Zoning Administrator Bulletin No. 3: Dormer Windows</i> .
<input type="checkbox"/>	8. <b>Addition(s)</b> 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.
<b>Note: Project Planner must check box below before proceeding.</b>	
<input checked="" type="checkbox"/>	Project is not listed. <b>GO TO STEP 5.</b>
<input type="checkbox"/>	Project <b>does not conform</b> to the scopes of work. <b>GO TO STEP 5.</b>
<input type="checkbox"/>	Project involves <b>four or more</b> work descriptions. <b>GO TO STEP 5.</b>
<input type="checkbox"/>	Project involves <b>less than four</b> work descriptions. <b>GO TO STEP 6.</b>

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

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



<input checked="" type="checkbox"/>	7. <b>Addition(s)</b> , 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. <b>Other work consistent</b> with the <i>Secretary of the Interior Standards for the Treatment of Historic Properties</i> (specify or add comments):
<input type="checkbox"/>	9. <b>Other work</b> that would not materially impair a historic district (specify or add comments):  (Requires approval by Senior Preservation Planner/Preservation Coordinator)
<input type="checkbox"/>	10. <b>Reclassification of property status.</b> (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>
<b>Note: If ANY box in STEP 5 above is checked, a Preservation Planner MUST check one box below.</b>	
<input type="checkbox"/>	<b>Further environmental review required.</b> Based on the information provided, the project requires an <i>Environmental Evaluation Application</i> to be submitted. <b>GO TO STEP 6.</b>
<input checked="" type="checkbox"/>	<b>Project can proceed with categorical exemption review.</b> The project has been reviewed by the Preservation Planner and can proceed with categorical exemption review. <b>GO TO STEP 6.</b>
<b>Comments (optional):</b> minimally visible enclosures for mechanical equipment	
<b>Preservation Planner Signature:</b> Marcelle Boudreaux	

**STEP 6: CATEGORICAL EXEMPTION DETERMINATION**  
**TO BE COMPLETED BY PROJECT PLANNER**

<input type="checkbox"/>	<b>Further environmental review required.</b> 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 <b>STOP! Must file an <i>Environmental Evaluation Application</i>.</b>	
<input checked="" type="checkbox"/>	<b>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.</b>	
	<b>Project Approval Action:</b> Commission Hearing If Discretionary Review before the Planning Commission is requested, the Discretionary Review hearing is the Approval Action for the project.	<b>Signature:</b> Ashley Lindsay 11/14/2018
	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)
145 LAUREL ST		0986/003
Case No.	Previous Building Permit No.	New Building Permit No.
2018-006212PRJ		
Plans Dated	Previous Approval Action	New Approval Action
	Commission Hearing	
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:	Date:



## **EXHIBIT D**



Misako Hill  
J5 Infrastructure Partners  
1075 45<sup>th</sup> Street  
Emeryville, CA 94608

OAKLAND CA 945

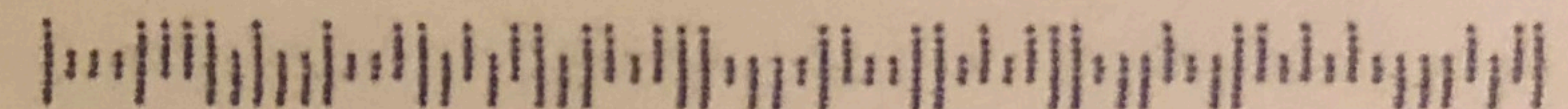
29 JAN 2018 PM 4 L



Neighborhood Meeting for a Wireless Facility  
Reunión del vecindario por una instalación inalámbrica  
无线设施邻里会议  
Pulong ng komunidad para sa wireless na pasilidadp

Misako Hill  
J5 Infrastructure Partners  
1075 45<sup>th</sup> Street  
Emeryville, CA 94608

94608-332775





Misako Hill  
J5 Infrastructure Partners  
1075 45<sup>th</sup> Street  
Emeryville, CA 94608

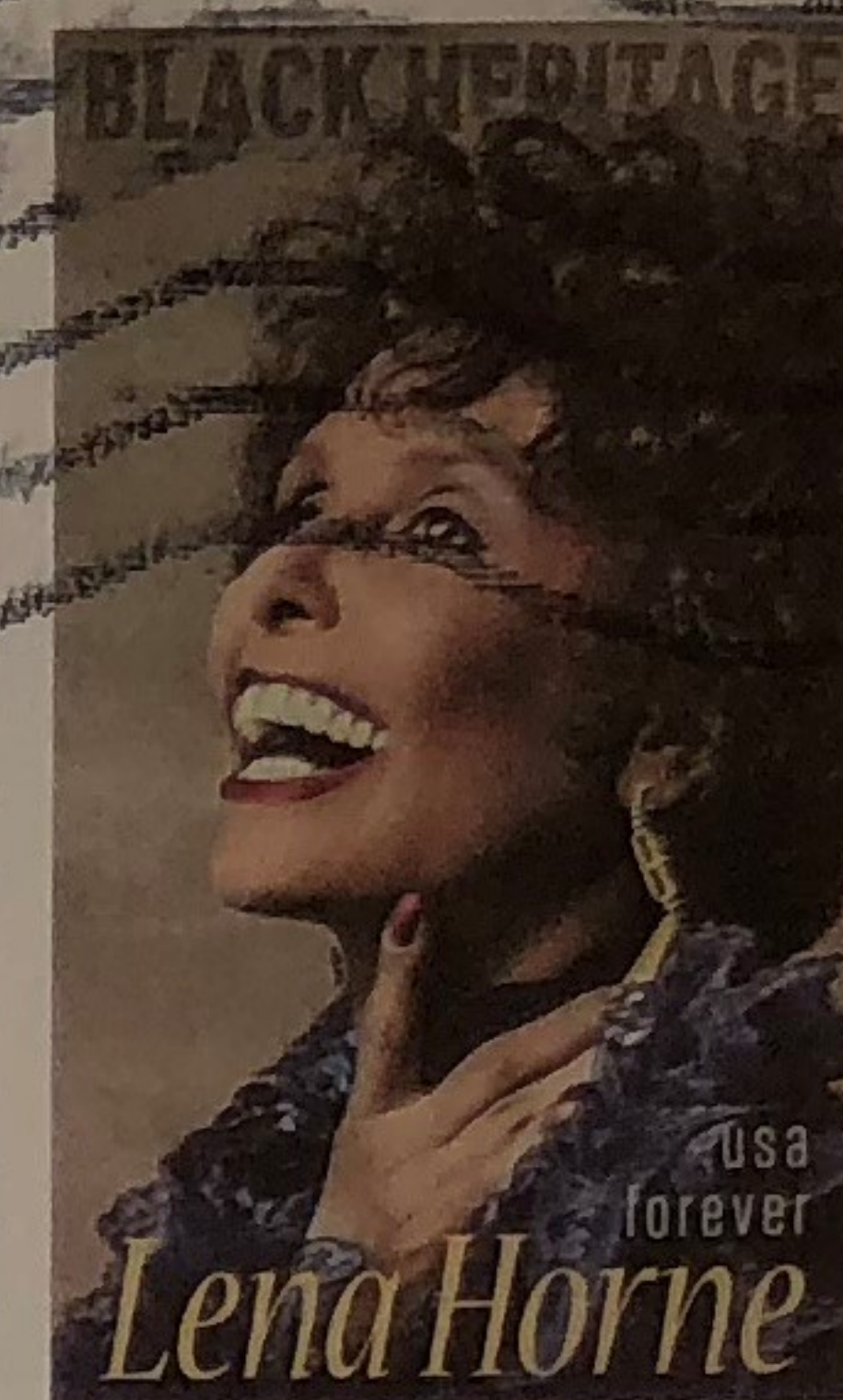
Neighborhood Meeting for a Wireless Facility  
Reunión del vecindario por una instalación inalámbrica  
无线设施邻里会议  
Pulong ng komunidad para sa wireless na pasilidad

**IMPORTANT! NEW MEETING  
DATE/LOCATION**

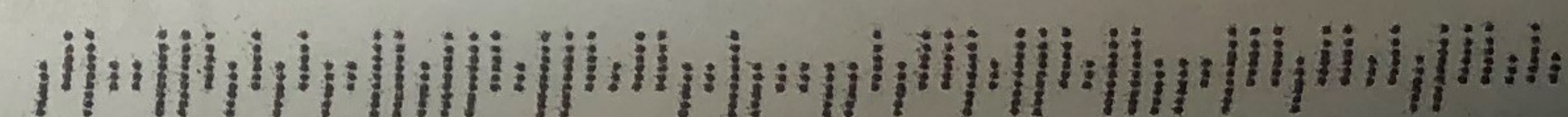
Misako Hill  
J5 Infrastructure Partners  
1075 45<sup>th</sup> Street  
Emeryville, CA 94608

OAKLAND CA 946

12 FEB 2018 PM 3 L



94608-932775





## **Summary of Discussion from CUP Meeting Site No. CCL05208 (145 Laurel Street)**

Meeting Date: Wednesday, February 28, 2018

Meeting Time: 6:00pm – 7:30pm

Meeting Address: Presidio Branch Library, 3150 Sacramento Street

Project Address: 145 Laurel Street

Project Representatives:

- Tedi Vriheas, Regional Vice President, AT&T External Affairs
- Cammy Blackstone, AT&T External Affairs
- Michael Caniglia, AT&T Mobility
- Misako Hill, Zoning Specialist, J5 Infrastructure Partners
- Bill Hammett, Hammett & Edison
- Boe Hayward, Lighthouse Public Affairs
- Luis Cuadra, BergDavis Public Affairs

### **Summary**

AT&T Mobility held a community meeting on Wednesday, February 28, 2018 from 6:00pm – 7:30pm to share its plans to install (16) panel antennas inside proposed FRP screening on the existing rooftop of 145 Laurel Street. The meeting was originally scheduled for Tuesday, February 13 at the Presidio Heights clubhouse, which has a seating capacity of 20. However, at the request of the President of the Presidio Heights Neighbors Association the meeting was rescheduled and a larger meeting room was identified.

Approximately 13 community members attended the meeting, including representatives from the Presidio Heights Neighbors Association. The topics of discussion included the planning process, design, site selection, future buildout plans, technology and EMF. Below is a recap of community members' questions and suggestion and answers from the project team.

### **Design/Site Selection**

**Question #1:** How high are the antennas and how much do they weigh?

**Answer:** The antennas are 11½ above the roof and would be orientated in groups of four. Each antenna weighs approximately 40-50 lbs.

**Questions #2:** Do the antennas emit noise.

**Answer:** No, they are completely passive. Additionally, all of AT&T's sites comply with the strict requirements of the San Francisco Noise Ordinance.



**Question #3:** Are you aware that at 40-feet, 145 Laurel Street is a non-conforming building. Further, building a structure on top of the building that is not part of the utility of a building is against planning code.

**Answer:** We are not aware that this is a non-confirming building. We will discuss with the Planning Department.

**Question #4: Why did you chose this site?**

**Answer:** There is a severe service and coverage gap in this area. We looked at several alternate locations and 145 Laurel Street best met our requirements.

**Questions #5:** What other sites did you consider?

**Answer:** As part of the planning process, we will submit an analysis of all the sites we have considered. Presently, we have contacted the Korean Consulate, 3401 Clay Street and 240 Laurel Street and have not received a response from the building owners.

**Question #6:** In New York antennas are disguised on the side of buildings. Is that something AT&T has considered?

**Answer:** AT&T would prefer to mount the antennas but the Planning Department prefers that we screen them. Additionally, we have to work with the building owner to approve the design. We will add this topic to our list of items to discuss with the Planning Department.

**Question #7: What are your plans for structural reinforcement?**

**Answer:** We are required to submit a structural engineering report. All of these documents are public record.

**Questions #8:** Why can you use the tower at Presidio Trust?

**Answer:** The tower is too far away. We only have a 2-4 block radius.

## **Technology**

**Question #9:** What is the overall plan for our neighborhood, whether small or large cell sites?

**Answer:** AT&T is putting in fewer and fewer large cell sites and is moving towards small sites. We currently have 9 large cell sites planned for San Francisco, none of which are in this neighborhood.

**Question #10: Why can't carriers share facilities?**

**Answer:** From a practical standpoint it's not feasible. In order to combine the sites, it would require so much equipment it would not be possible.

## **EMF**



There was considerable conversation concerning RF exposure, safety standards and measurements. There was also discussion concerning materials that might attenuate RF exposure and if AT&T would consider incorporating such materials to provide added protection. AT&T notified meeting attendees, if requested, they would send a third-party engineer to measure RF levels before and after the installation of the proposed antennas. There was also discussion concerning materials that might attenuate RF and if AT&T would consider incorporate such materials to provide added protection.

### **Follow up**

AT&T agreed to email all the meeting attendees a link to the list of all of AT&T's wireless sites on the Planning Department website.





**AT&T Community Meeting**  
**Proposed Site: 145 Laurel Street**  
**February 28, 2018**

NAME	ADDRESS	PHONE	EMAIL
Eric Brill	3535 Clay St.	415-713-4795	abrill@mindobring.com
Harlan S	1415 Laurel St <sup>#216</sup>	6505331462	hrseymour@gmail.com <del>hrseymour@gmail.com</del>
MORRY FRIED	3336 JACKSON	415-346-8525	marbafried@yahoo
Eric Matosvich	3471 Washington	415-710-1475	emat@yahoo.com
CHARLES FERGUSON	3398 Washington	415-500-1477	charles.ferguson@KayDryden.com
B. Rodoni			bill.rodoni@yahoo.com
Ann Dey	3461 Jackson St.	415-346-1210	ann.dey@gmail.com





**AT&T Community Meeting**  
**Proposed Site: 145 Laurel Street**  
**February 28, 2018**

NAME	ADDRESS	PHONE	EMAIL
Karen & Bob Gibbons	250 Laurel	913-269-4050	bob + gibbons@gmail.com
John Siegel	55 Laurel	415 505 5958	jcs@jcs1.com
Jeff Green	145 LAUREL	415-563-5090	jgreen@stifel.com
Bruce McKleroy	244 LAUREL	346 9013	dorko2@yahoo.com
Richard W. Harris	145 Laurel	415 606 7510	rwarris@tmgpartners.com
GINA HILL	145 Laurel	415 637 0398	ghill13@att.net



#### **D. Public Notification Statement**

See attached radius map and mailing list for the owners and occupants within a 300 and 500-foot radius and the subject neighborhood organizations for notification of a community outreach meeting.



## 500 FOOT COMMUNITY MEETING MAILING LIST

RADIUS SERVICES 1221 HARRISON ST #18 SAN FRANCISCO CA 94103 415-391-4775

BLOCK	LOT	OWNER	OADDR	CITY	STATE	ZIP
0001	001	RADIUS SERVICES NO. 0986003W	145 LAUREL ST	J5	18	0103
0001	002					
0001	003	RADIUS SERVICES	1221 HARRISON ST #18	SAN FRANCISCO	CA	94103
0001	004	J5 INFRASTRUCTURE	1075 45TH ST	EMERYVILLE	CA	94608
0001	005					
0970	002	JANE SCHAEFER	3500 JACKSON ST	SAN FRANCISCO	CA	94118-1808
0971	001	SARAH BINGHAM	7 LAUREL ST	SAN FRANCISCO	CA	94118-2022
0971	002	JOHN SIEGEL	55 LAUREL ST	SAN FRANCISCO	CA	94118-2022
0971	003	IDEAL FARM LLC	3410 JACKSON ST	SAN FRANCISCO	CA	94118-2021
0971	003	OCCUPANT	3410A JACKSON ST	SAN FRANCISCO	CA	94118-2021
0971	003A	EDWARD KARKAR	323 MARINA BL	SAN FRANCISCO	CA	94123-1213
0971	003A	OCCUPANT	3430 JACKSON ST	SAN FRANCISCO	CA	94118-2021
0971	003B	ERIC STEFANIE	3424 JACKSON ST	SAN FRANCISCO	CA	94118-2021
0971	004	PAUL NATHAN	3434 JACKSON ST	SAN FRANCISCO	CA	94118-2021
0971	005	M & M RIGHETTI	3452 JACKSON ST	SAN FRANCISCO	CA	94118-2021
0971	006	LORI SCHRYER	3456 JACKSON ST	SAN FRANCISCO	CA	94118-2021
0971	006	OCCUPANT	3456A JACKSON ST	SAN FRANCISCO	CA	94118-2021
0971	007	GLAUBIGER	3466 JACKSON ST	SAN FRANCISCO	CA	94118-2021
0971	008	M & L YOCKEY	PO BOX 111043505	SIOUX FALLS	SD	57186-0000
0971	008	OCCUPANT	3476 JACKSON ST	SAN FRANCISCO	CA	94118-2021
0971	009	RANCHER GROUP LTD	3494 JACKSON ST	SAN FRANCISCO	CA	94118-2021
0971	010	LEROY ROCCA	3496 JACKSON ST	SAN FRANCISCO	CA	94118-2021
0971	010A	J & C STRAUSS	3498 JACKSON ST	SAN FRANCISCO	CA	94118-2021
0971	011	THE DUNLEVY	2 LOCUST ST	SAN FRANCISCO	CA	94118-1812
0971	012	LYNCH TRS	3491 PACIFIC AV	SAN FRANCISCO	CA	94118-2029
0971	013	P & K BISSINGER	3477 PACIFIC AV	SAN FRANCISCO	CA	94118-2029
0971	014	FRANCOZ TRS	3467 PACIFIC AV	SAN FRANCISCO	CA	94118-2029
0971	015	W & J PARISH	3461 PACIFIC AV	SAN FRANCISCO	CA	94118-2029
0971	016	J & M HENDERSON	3455 PACIFIC AV	SAN FRANCISCO	CA	94118-2029
0971	017	BARGER TRS	3449 PACIFIC AV	SAN FRANCISCO	CA	94118-2029
0971	018	BARKAN TR	3435 PACIFIC AV	SAN FRANCISCO	CA	94118-2029
0971	018	OCCUPANT	3435A PACIFIC AV	SAN FRANCISCO	CA	94118-2029
0971	019	RENA BRANSTEN	3421 PACIFIC AV	SAN FRANCISCO	CA	94118-2029
0971	019A	P & M HELLMAN	1 MARITIME PLZ #2010	SAN FRANCISCO	CA	94111-3510
0971	019A	OCCUPANT	3415 PACIFIC AV	SAN FRANCISCO	CA	94118-2029
0971	020	CAIRNHILL INVESTORS LLC	3409 PACIFIC AV	SAN FRANCISCO	CA	94118-2029
0972	002	REYNOLDS TRS	33 WALNUT ST	SAN FRANCISCO	CA	94118-2030
0972	003B	BARBARA LYONS	45 WALNUT ST	SAN FRANCISCO	CA	94118-2030
0972	003B	OCCUPANT	45A WALNUT ST	SAN FRANCISCO	CA	94118-2030
0972	003C	RAYMOND SCHWEIZER	452 5TH AV #13TH	NEW YORK	NY	10018-2706
0972	003C	OCCUPANT	3300 JACKSON ST	SAN FRANCISCO	CA	94118-2019
0972	004	LIPMAN TRS	3320 JACKSON ST	SAN FRANCISCO	CA	94118-2019
0972	005	A & A LONG	3326 JACKSON ST	SAN FRANCISCO	CA	94118-2019
0972	005	OCCUPANT	3328 JACKSON ST	SAN FRANCISCO	CA	94118-2019
0972	006	R MCENTIRE & B COWAN	3330 JACKSON ST	SAN FRANCISCO	CA	94118-2019
0972	007	DAGMAR DOLBY	2515 SCOTT ST	SAN FRANCISCO	CA	94115-1137
0972	007	OCCUPANT	3340 JACKSON ST	SAN FRANCISCO	CA	94118-2019
0972	008	F & M MORRY	3356 JACKSON ST	SAN FRANCISCO	CA	94118-2019
0972	008A	3362 REALTY TRS	3362 JACKSON ST	SAN FRANCISCO	CA	94118-2019
0972	009	JO PROPERTY	3368 JACKSON ST	SAN FRANCISCO	CA	94118-2019
0972	009A	COLLINS TRS	3374 JACKSON ST	SAN FRANCISCO	CA	94118-2019
0972	009B	NANCY RYTI	3450 SACRAMENTO ST #124	SAN FRANCISCO	CA	94118-1914
0972	009B	OCCUPANT	3380 JACKSON ST	SAN FRANCISCO	CA	94118-2019
0972	010	ARTHUR TRUEGER	PO BOX 591748	SAN FRANCISCO	CA	94159-1748
0972	010	OCCUPANT	34 LAUREL ST	SAN FRANCISCO	CA	94118-0000
0972	010	OCCUPANT	50 LAUREL ST	SAN FRANCISCO	CA	94118-0000
0972	011	JACOB SCHATZ	2 LAUREL ST	SAN FRANCISCO	CA	94118
0972	011A	ARTHUR TRUEGER	PO BOX 591748	SAN FRANCISCO	CA	94159-1748
0972	011A	OCCUPANT	22 LAUREL ST	SAN FRANCISCO	CA	94118-2023
0972	012	PACIFIC PRESIDIO PROPERTIES LL	101 CALIFORNIA ST #5TH	SAN FRANCISCO	CA	94111-5802
0972	012	OCCUPANT	3383 PACIFIC AV	SAN FRANCISCO	CA	94118-2028
0972	013	J & L FORD	3377 PACIFIC AV	SAN FRANCISCO	CA	94118-2028
0972	014	J & L UBBEN	3355 PACIFIC AV	SAN FRANCISCO	CA	94118-2028
0972	016	ARTHUR PATTERSON	428 UNIVERSITY AV	PALO ALTO	CA	94301-1812
0972	016	OCCUPANT	3343 PACIFIC AV	SAN FRANCISCO	CA	94118-2028



0972	022	D & J HARTLEY	3333 PACIFIC AV	SAN FRANCISCO	CA	94118-2028
0972	023	D & J HARTLEY	3333 PACIFIC AV	SAN FRANCISCO	CA	94118-2028
0985	001	101 WALNUT ST LLC	615 FRONT ST	SAN FRANCISCO	CA	94111-1913
0985	001	OCCUPANT	101 WALNUT ST	SAN FRANCISCO	CA	94118-2031
0985	002	DEGOFF LALLY	109 WALNUT ST	SAN FRANCISCO	CA	94118-2031
0985	003	W & S OBERNDORF	615 FRONT ST	SAN FRANCISCO	CA	94111-1913
0985	003	OCCUPANT	115 WALNUT ST	SAN FRANCISCO	CA	94118-2031
0985	004	IMPERIAL GOVERNMENT OF IRAN	3400 WASHINGTON ST	SAN FRANCISCO	CA	94118-2036
0985	005	WILLIAM BRADY	3410 WASHINGTON ST	SAN FRANCISCO	CA	94118-2036
0985	006	M & D GLYNN	3412 WASHINGTON ST	SAN FRANCISCO	CA	94118-2036
0985	008	VENKATESAN TRS	3414 WASHINGTON ST	SAN FRANCISCO	CA	94118-2036
0985	009	A LOREN & D LEEDS	3440 WASHINGTON ST	SAN FRANCISCO	CA	94118-2036
0985	010	DAC & SCW TRS	344 WASHINGTON ST	SAN FRANCISCO	CA	94111-0000
0985	010	OCCUPANT	3444 WASHINGTON ST	SAN FRANCISCO	CA	94118-2036
0985	011	YM2 LLC	2361 BROADWAY ST	SAN FRANCISCO	CA	94115-1233
0985	011	OCCUPANT	3450 WASHINGTON ST	SAN FRANCISCO	CA	94118-2036
0985	015B	M & M ALEXANDRA	3463 STATE ST #536	SANTA BARBARA	CA	93105-2662
0985	015B	OCCUPANT	3375 JACKSON ST	SAN FRANCISCO	CA	94118-2018
0985	016	W & A BENNINGTON	3355 JACKSON ST	SAN FRANCISCO	CA	94118-2018
0985	016	OCCUPANT	3353 JACKSON ST	SAN FRANCISCO	CA	94118-2018
0985	016A	POPPIE BOB LP	3349 JACKSON ST	SAN FRANCISCO	CA	94118-2018
0985	016A	OCCUPANT	3351 JACKSON ST	SAN FRANCISCO	CA	94118-2018
0985	018	OLNESS TRS	3333 JACKSON ST	SAN FRANCISCO	CA	94118-2018
0985	019	ROBERT DEVLIN	3331 JACKSON ST	SAN FRANCISCO	CA	94118-2018
0985	020	SALLY LEE	3325 JACKSON ST	SAN FRANCISCO	CA	94118-2018
0985	022	33II JACKSON ST LLC	615 FRONT ST	SAN FRANCISCO	CA	94111-1913
0985	022	OCCUPANT	3311 JACKSON ST	SAN FRANCISCO	CA	94118-2018
0985	025	H & E MASONEK	100 LAUREL ST	SAN FRANCISCO	CA	94118-2025
0985	026	BOZE TRS	3953 SACRAMENTO ST	SAN FRANCISCO	CA	94118-1627
0985	026	OCCUPANT	3385 JACKSON ST	SAN FRANCISCO	CA	94118-2018
0985	030	CISNEROS AURELIO	3369 JACKSON ST	SAN FRANCISCO	CA	94118-2018
0985	031	BELISLE-VAN HOUTEN	3371 JACKSON ST	SAN FRANCISCO	CA	94118-2018
0985	032	PAUL WISNYI	3315 JACKSON ST	SAN FRANCISCO	CA	94118-2018
0985	033	JOSEPHINE PARKER	3317 JACKSON ST	SAN FRANCISCO	CA	94118-2018
0985	034	TYLER ANDERSEN	3319 JACKSON ST	SAN FRANCISCO	CA	94118-2018
0985	035	HERBERT HEYNECKER	3341 JACKSON ST	SAN FRANCISCO	CA	94118-2018
0985	036	JODINE KLEIN	3343 JACKSON ST	SAN FRANCISCO	CA	94118-2018
0985	037	ARTICLE DDF III TR	1 MARITIME PLZ #1400	SAN FRANCISCO	CA	94111-3504
0985	037	OCCUPANT	3456 WASHINGTON ST	SAN FRANCISCO	CA	94118-2036
0986	001	WILLIAM BURKETT	101 LAUREL ST	SAN FRANCISCO	CA	94118-2024
0986	001A	MACO TRS	123 LAUREL ST	SAN FRANCISCO	CA	94118-2024
0986	002	VICKI TOPAZ	135 LAUREL ST	SAN FRANCISCO	CA	94118-2024
0986	003	FRIEDMAN PROPERTIES	323 PINE ST #1	SAUSALITO	CA	94965-2146
0986	003	OCCUPANT	145 LAUREL ST #1	SAN FRANCISCO	CA	94118-2049
0986	003	OCCUPANT	145 LAUREL ST #2	SAN FRANCISCO	CA	94118-2049
0986	003	OCCUPANT	145 LAUREL ST #3	SAN FRANCISCO	CA	94118-2049
0986	003	OCCUPANT	145 LAUREL ST #4	SAN FRANCISCO	CA	94118-2049
0986	003	OCCUPANT	145 LAUREL ST #5	SAN FRANCISCO	CA	94118-2049
0986	003	OCCUPANT	145 LAUREL ST #6	SAN FRANCISCO	CA	94118-2049
0986	003	OCCUPANT	145 LAUREL ST #7	SAN FRANCISCO	CA	94118-2049
0986	003	OCCUPANT	145 LAUREL ST #8	SAN FRANCISCO	CA	94118-2049
0986	003	OCCUPANT	145 LAUREL ST #9	SAN FRANCISCO	CA	94118-2049
0986	003	OCCUPANT	145 LAUREL ST #10	SAN FRANCISCO	CA	94118-2049
0986	003	OCCUPANT	145 LAUREL ST #11	SAN FRANCISCO	CA	94118-2049
0986	003	OCCUPANT	145 LAUREL ST #12	SAN FRANCISCO	CA	94118-2049
0986	003	OCCUPANT	145 LAUREL ST #14	SAN FRANCISCO	CA	94118-2049
0986	003	OCCUPANT	145 LAUREL ST #15	SAN FRANCISCO	CA	94118-2049
0986	003	OCCUPANT	145 LAUREL ST #16	SAN FRANCISCO	CA	94118-2049
0986	003	OCCUPANT	145 LAUREL ST #17	SAN FRANCISCO	CA	94118-2049
0986	003	OCCUPANT	145 LAUREL ST #18	SAN FRANCISCO	CA	94118-2049
0986	004	DONALD MISSIRLIAN	588 SUTTER ST	SAN FRANCISCO	CA	94102-1102
0986	004	OCCUPANT	3526 WASHINGTON ST	SAN FRANCISCO	CA	94118-1849
0986	004	OCCUPANT	3528 WASHINGTON ST	SAN FRANCISCO	CA	94118-1849
0986	005	B & F COBB	275 MALLORCA WAY	SAN FRANCISCO	CA	94123-1551
0986	005	OCCUPANT	3530 WASHINGTON ST	SAN FRANCISCO	CA	94118-1849
0986	006	W & S MELLIN TRS	151 HANKEN DR	KENTFIELD	CA	94904-1513



RADIUS SERVICES 1221 HARRISON ST #18 SAN FRANCISCO CA 94103 415-391-4775

0986	006	OCCUPANT	3536 WASHINGTON ST	SAN FRANCISCO	CA	94118-1849
0986	007	R & C MORRIS	3540 WASHINGTON ST	SAN FRANCISCO	CA	94118-1849
0986	009	WENDELL	3550 WASHINGTON ST	SAN FRANCISCO	CA	94118-1849
0986	010	MICHAEL PARISH	9 6TH AV	SAN FRANCISCO	CA	94118-1323
0986	010	OCCUPANT	3560 WASHINGTON ST	SAN FRANCISCO	CA	94118-1849
0986	011	PERKINS TRS	3570 WASHINGTON ST	SAN FRANCISCO	CA	94118-1849
0986	012	GRASSI TRS	3580 WASHINGTON ST	SAN FRANCISCO	CA	94118-1849
0986	014	DAVID KELLER	130 LOCUST ST	SAN FRANCISCO	CA	94118-1814
0986	015	100 LOCUST ST TRS	731 DUBOCE AV	SAN FRANCISCO	CA	94117-3214
0986	015	OCCUPANT	100 LOCUST ST	SAN FRANCISCO	CA	94118-1814
0986	016	SOUTH MORNINGSIDE SF LLC	3485 JACKSON ST	SAN FRANCISCO	CA	94118-2020
0986	017	HELFRICH	3475 JACKSON ST	SAN FRANCISCO	CA	94118-2020
0986	019	ANN DEY	3461 JACKSON ST	SAN FRANCISCO	CA	94118-2020
0986	019A	DALE SCOTT	3451 JACKSON ST	SAN FRANCISCO	CA	94118-2020
0986	019B	ROTENSTREICH TRS	3445 JACKSON ST	SAN FRANCISCO	CA	94118-2020
0986	019C	PRESIDENT OF REP OF INDIA	3235 JACKSON ST	SAN FRANCISCO	CA	94118-0000
0986	019C	OCCUPANT	3435 JACKSON ST	SAN FRANCISCO	CA	94118-2020
0986	020	G & C SMITH	3425 JACKSON ST	SAN FRANCISCO	CA	94118
0986	021	3421 JACKSON LLC	3421 JACKSON ST	SAN FRANCISCO	CA	94118-2020
0986	022	A TRUST	10 S BROADWAY #550	SAINT LOUIS	MO	63102-1740
0986	022	OCCUPANT	3409 JACKSON ST	SAN FRANCISCO	CA	94118-2020
0986	023	PAULINE VANYSENDOORN	132 LOCUST ST	SAN FRANCISCO	CA	94118-1814
0986	023	OCCUPANT	3590 WASHINGTON ST #1	SAN FRANCISCO	CA	94118-1849
0986	024	N HAGA	3590 WASHINGTON ST #2	SAN FRANCISCO	CA	94118-1849
0986	025	PAUL TIERNEY	645 MADISON AV #20TH	NEW YORK	NY	10022-1010
0986	025	OCCUPANT	3590 WASHINGTON ST #3	SAN FRANCISCO	CA	94118-1849
0986	026	CONSTANCE MCCOLE	148 LOCUST ST	SAN FRANCISCO	CA	94118-1814
0986	026	OCCUPANT	3590 WASHINGTON ST #4	SAN FRANCISCO	CA	94118-1849
0986	027	CARMEL SLATTERY	136 LOCUST ST	SAN FRANCISCO	CA	94118-1814
0986	028	A & S PURICELLI	146 LOCUST ST #6	SAN FRANCISCO	CA	94118-1814
0986	029	JOHN CLIFFORD	3467 JACKSON ST	SAN FRANCISCO	CA	94118-2020
0986	030	RAHUL JASWA	3469 JACKSON ST	SAN FRANCISCO	CA	94118-2020
0986	031	MITCHELL STPETER	2645 SCOTT ST	SAN FRANCISCO	CA	94123-4634
0986	031	OCCUPANT	3471 JACKSON ST	SAN FRANCISCO	CA	94118-2020
0987	004	JANE BRADFORD	123 LOCUST ST	SAN FRANCISCO	CA	94118-1813
0987	005	J & K KELLY	135 LOCUST ST	SAN FRANCISCO	CA	94118-1813
0987	006	J & C SANGER	3600 WASHINGTON ST	SAN FRANCISCO	CA	94118-1833
0987	023	J W CLINE	3505 JACKSON ST	SAN FRANCISCO	CA	94118-1807
0987	024	KAMS COLD STORAGE LLC	3610 WASHINGTON ST	SAN FRANCISCO	CA	94118-1833
0987	025	A & E SPOKES	3636 WASHINGTON ST	SAN FRANCISCO	CA	94118-1833
0987	035	R & M BRADLEY	3501 JACKSON ST	SAN FRANCISCO	CA	94118-1807
0994	001	201 LOCUST ST TRS	201 LOCUST ST	SAN FRANCISCO	CA	94118-1840
0994	002	D & B MARILYN	225 LOCUST ST	SAN FRANCISCO	CA	94118-1840
0994	002A	MCVEY-DAWSON	3600 CLAY ST	SAN FRANCISCO	CA	94118-1804
0994	002B	MARDIKIAN TRS	5 3RD ST #1000	SAN FRANCISCO	CA	94103-3221
0994	002B	OCCUPANT	245 LOCUST ST	SAN FRANCISCO	CA	94118-1840
0994	002C	G & L HUME	235 LOCUST ST	SAN FRANCISCO	CA	94118-1840
0994	003	J & C FISHER	3620 CLAY ST	SAN FRANCISCO	CA	94118
0994	022	ASHLEY TRS	3633 WASHINGTON ST	SAN FRANCISCO	CA	94118-1832
0994	023	PINK SAND BEACH LLC	3 COLUMBUS CIR #15TH	NEW YORK	NY	10019-8760
0994	023	OCCUPANT	3621 WASHINGTON ST	SAN FRANCISCO	CA	94118-1832
0995	002	REPUBLIC OF KOREA	3500 CLAY ST	SAN FRANCISCO	CA	94118-1839
0995	003	C & S ROSEN	3504 CLAY ST	SAN FRANCISCO	CA	94118-1839
0995	004	THE SHERWIN	3508 CLAY ST	SAN FRANCISCO	CA	94118-1839
0995	005	ELLWEIN	3512 CLAY ST	SAN FRANCISCO	CA	94118-1839
0995	006	KEROES TRS	3516 CLAY ST	SAN FRANCISCO	CA	94118-1839
0995	007	R & D EMERY	3522 CLAY ST	SAN FRANCISCO	CA	94118-1839
0995	009	DIANE MOSBACHER	3570 CLAY ST	SAN FRANCISCO	CA	94118-1839
0995	010	ANNE BARTLEY	3580 CLAY ST	SAN FRANCISCO	CA	94118
0995	011	SUZANNE ORRICK	250 LOCUST ST	SAN FRANCISCO	CA	94118-1841
0995	012	GANDIA-STEPHENSON	210 LOCUST ST	SAN FRANCISCO	CA	94118-1841
0995	014	CLAIRE FLUHR TRS	200 LOCUST ST	SAN FRANCISCO	CA	94118-1841
0995	015	LITTLE SCHOOL LLC	2503 CLAY ST	SAN FRANCISCO	CA	94115-1810
0995	015	OCCUPANT	3575 WASHINGTON ST	SAN FRANCISCO	CA	94118-1848
0995	016	JANET HOFFMAN	3573 WASHINGTON ST	SAN FRANCISCO	CA	94118-1848
0995	017	WILLIAM OLDS	3569 WASHINGTON ST	SAN FRANCISCO	CA	94118-1848



0995	018	PERKINS TRS	3565 WASHINGTON ST	SAN FRANCISCO	CA	94118-1848
0995	019	MAUDELLEN GREENHOOD	3555 WASHINGTON ST	SAN FRANCISCO	CA	94118-1848
0995	021	CLOUDY BAY LLC	3527 WASHINGTON ST	SAN FRANCISCO	CA	94118-1848
0995	022	R & L HARRIS	3525 WASHINGTON ST	SAN FRANCISCO	CA	94118-1848
0995	023	JASON FLYNN	1866 GREEN ST	SAN FRANCISCO	CA	94123-4922
0995	023	OCCUPANT	3515 WASHINGTON ST	SAN FRANCISCO	CA	94118-1848
0995	024	KATHRYN QVALE	201 LAUREL ST	SAN FRANCISCO	CA	94118-2010
0995	025	COLLINS TRS	261 LAUREL ST	SAN FRANCISCO	CA	94118-2010
0995	026	CANDICE WALKER	3535 WASHINGTON ST #1A	SAN FRANCISCO	CA	94118-1848
0995	027	SHELDON TRS	3537 WASHINGTON ST #2A	SAN FRANCISCO	CA	94118-1848
0995	028	TIMOTHY NG	3539 WASHINGTON ST #3A	SAN FRANCISCO	CA	94118-1848
0995	029	SYLVIA STOREY	3545 WASHINGTON ST	SAN FRANCISCO	CA	94118
0995	030	GLYNN TRS	88 LABURNUM RD	ATHERTON	CA	94027-2124
0995	030	OCCUPANT	3543 WASHINGTON ST	SAN FRANCISCO	CA	94118-1848
0995	031	SEGAL-CONNELLY TRS	3541 WASHINGTON ST	SAN FRANCISCO	CA	94118-1848
0995	032	M & S HONE	3534 CLAY ST	SAN FRANCISCO	CA	94118-1839
0995	033	LOUISE MCCABE	13142 CAMINITO POINTE DEL MAR	DEL MAR	CA	92014-3855
0995	033	OCCUPANT	3536 CLAY ST	SAN FRANCISCO	CA	94118-1839
0996	001A	HOMAN	207 WALNUT ST	SAN FRANCISCO	CA	94118-2012
0996	002	ANDERSON TRS	209 WALNUT ST	SAN FRANCISCO	CA	94118-2012
0996	004	W & E NACHBAUR	PO BOX 2061	HEALDSBURG	CA	95448-2061
0996	004	OCCUPANT	3402 CLAY ST	SAN FRANCISCO	CA	94118-2009
0996	005	RANGASWAMI	3404 CLAY ST	SAN FRANCISCO	CA	94118-2009
0996	006	KELLY OF DTD	3406 CLAY ST	SAN FRANCISCO	CA	94118-2009
0996	007	THE ROTHMANN	3408 CLAY ST	SAN FRANCISCO	CA	94118-2009
0996	011	PROSES TRS	1650 CALIFORNIA ST	SAN FRANCISCO	CA	94109-4627
0996	011	OCCUPANT	3456 CLAY ST	SAN FRANCISCO	CA	94118-2009
0996	012	O & E CHANDLER	3460 CLAY ST	SAN FRANCISCO	CA	94118-2009
0996	013	MARINEAU TRS	3464 CLAY ST	SAN FRANCISCO	CA	94118-2009
0996	014	T & L VAIL	3474 CLAY ST	SAN FRANCISCO	CA	94118-2009
0996	017	BRUCE MCKLEROY	244 LAUREL ST	SAN FRANCISCO	CA	94118-2011
0996	017	OCCUPANT	246 LAUREL ST	SAN FRANCISCO	CA	94118-2011
0996	017	OCCUPANT	248 LAUREL ST	SAN FRANCISCO	CA	94118-2011
0996	019	R & K MYERS	1011 BROADWAY	OAKLAND	CA	94607-4019
0996	019	OCCUPANT	200 LAUREL ST	SAN FRANCISCO	CA	94118-2011
0996	021	3481 WASHINGTON ST LLC	3481 WASHINGTON ST	SAN FRANCISCO	CA	94118-2035
0996	022	VOGEL	3473 WASHINGTON ST	SAN FRANCISCO	CA	94118-2035
0996	023	MATCOVICH & DIGIUSEPPE	3471 WASHINGTON ST	SAN FRANCISCO	CA	94118-2035
0996	023	OCCUPANT	3471A WASHINGTON ST	SAN FRANCISCO	CA	94118-2035
0996	024	UNDER DAVIS	3461 WASHINGTON ST	SAN FRANCISCO	CA	94118-2035
0996	025	3455 WASHINGTON LLC	3455 WASHINGTON ST	SAN FRANCISCO	CA	94118-2035
0996	026	KEVIN CHESSEN TRS	3445 WASHINGTON ST	SAN FRANCISCO	CA	94118-2035
0996	027	PAREKH	3441 WASHINGTON ST	SAN FRANCISCO	CA	94118-2035
0996	030	LEVIT TRS	3401 WASHINGTON ST	SAN FRANCISCO	CA	94118-2035
0996	031	KWIATEK TRS	250 LAUREL ST #101	SAN FRANCISCO	CA	94118-2045
0996	032	STEVEN HAMMERSCHLAG	250 LAUREL ST #201	SAN FRANCISCO	CA	94118-2045
0996	033	ADAM OBRIEN	250 LAUREL ST #202	SAN FRANCISCO	CA	94118-2045
0996	034	A & M SAMA	250 LAUREL ST #301	SAN FRANCISCO	CA	94118-2045
0996	035	GREGG POPOVICH	250 LAUREL ST #302	SAN FRANCISCO	CA	94118-2045
0996	036	JOAN SILVERSTEIN	250 LAUREL ST #401	SAN FRANCISCO	CA	94118-2045
0996	037	R & D LEE	250 LAUREL ST #402	SAN FRANCISCO	CA	94118-2045
0996	038	KAREN GIBBONS	2904 W 71ST ST	PRAIRIE VILLAGE	KS	66208-3105
0996	038	OCCUPANT	250 LAUREL ST #501	SAN FRANCISCO	CA	94118-2054
0996	039	STEPHEN JONES	250 LAUREL ST #502	SAN FRANCISCO	CA	94118-2045
0996	040	F & L VALONE	3436 CLAY ST #1	SAN FRANCISCO	CA	94118-2041
0996	041	STEPHEN IZZO	3436 CLAY ST #2	SAN FRANCISCO	CA	94118-2041
0996	042	JUDITH LOACH	3436 CLAY ST #3	SAN FRANCISCO	CA	94118-2041
0996	043	P & I GOLDMACHER	601 SEQUOIA VALLEY RD	MILL VALLEY	CA	94941-4203
0996	043	OCCUPANT	3436 CLAY ST #4	SAN FRANCISCO	CA	94118-2041
0996	044	JEANINE HAYES	7140 SW CANYON DR	PORTLAND	OR	97225-3216
0996	044	OCCUPANT	3436 CLAY ST #5	SAN FRANCISCO	CA	94118-2041
0996	045	MICHAEL GARZA	3436 CLAY ST #6	SAN FRANCISCO	CA	94118-2041
0996	046	AMY MCNAMARA	242 LAUREL ST	SAN FRANCISCO	CA	94118-2011
0996	046	OCCUPANT	240 LAUREL ST	SAN FRANCISCO	CA	94118-2011
0996	047	AMY MCNAMARA	242 LAUREL ST	SAN FRANCISCO	CA	94118-2011
0996	048	JASWA SUJAY	3485 WASHINGTON ST	SAN FRANCISCO	CA	94118-2035



0996	049	JASWA SUJAY	3485 WASHINGTON ST	SAN FRANCISCO	CA	94118-2035
0996	049	OCCUPANT	3487 WASHINGTON ST	SAN FRANCISCO	CA	94118-2035
0996	050	ERIC HASSALL	3440 CLAY ST	SAN FRANCISCO	CA	94118-2009
0996	051	FRANK HAUSCHILDT	3442 CLAY ST	SAN FRANCISCO	CA	94118-2009
0996	052	SCHOETTLE TRS	3480 CLAY ST	SAN FRANCISCO	CA	94118-2009
0996	053	MARY CRAIGIE	3478 CLAY ST	SAN FRANCISCO	CA	94118-2009
0996	054	CHEN	310 SEALE AV	PALO ALTO	CA	94301-3825
0996	054	OCCUPANT	3476 CLAY ST	SAN FRANCISCO	CA	94118-2009
0996	055	C & M WYMAN	3446 CLAY ST	SAN FRANCISCO	CA	94118-2009
0996	056	TURNER MATTHEWS	3448 CLAY ST	SAN FRANCISCO	CA	94118-2009
0996	057	3450 CLAY ST LLC	PO BOX 1926	HOBE SOUND	FL	33475-1926
0996	057	OCCUPANT	3450 CLAY ST	SAN FRANCISCO	CA	94118-2009
1009	019	PATRICIA STANTON	308 LAUREL ST	SAN FRANCISCO	CA	94118-1908
1009	020	OGDEN TRS	306 LAUREL ST	SAN FRANCISCO	CA	94118-1908
1009	021	CROUCH TRS	945 5TH AV #14E	NEW YORK	NY	10021-2666
1009	021	OCCUPANT	302 LAUREL ST	SAN FRANCISCO	CA	94118-1908
1009	022	RALPH WALLERSTEIN	3447 CLAY ST	SAN FRANCISCO	CA	94118-2008
1009	023	J E B LVG TR	3441 CLAY ST	SAN FRANCISCO	CA	94118-2008
1009	023	OCCUPANT	3443 CLAY ST	SAN FRANCISCO	CA	94118-2008
1009	023	OCCUPANT	3445 CLAY ST	SAN FRANCISCO	CA	94118-2008
1009	024	RECREATION & PARK DEPARTMENT	25 VAN NESS AV #400	SAN FRANCISCO	CA	94102-6051
1009	024	OCCUPANT	3437 CLAY ST	SAN FRANCISCO	CA	94118-2008
1010	001	MARTHA EHMANN	3501 CLAY ST	SAN FRANCISCO	CA	94118-1838
1010	019	SEROPAN MILTON	3770 FILLMORE ST	SAN FRANCISCO	CA	94123-1258
1010	019	OCCUPANT	3585 CLAY ST	SAN FRANCISCO	CA	94118-1838
1010	019	OCCUPANT	3587 CLAY ST	SAN FRANCISCO	CA	94118-1838
1010	019	OCCUPANT	3589 CLAY ST	SAN FRANCISCO	CA	94118-1838
1010	020	R & A DEVENS	3581 CLAY ST	SAN FRANCISCO	CA	94118-1838
1010	021	CHARLES RENFREW	3575 CLAY ST	SAN FRANCISCO	CA	94118-1838
1010	022	MAKAN TRS	3565 CLAY ST	SAN FRANCISCO	CA	94118-1838
1010	023	RONALD KAHN	3555 CLAY ST	SAN FRANCISCO	CA	94118-1838
1010	024	THE BFJ TRS	3553 CLAY ST	SAN FRANCISCO	CA	94118-1838
1010	024A	BRILL TRS	3535 CLAY ST	SAN FRANCISCO	CA	94118-1838
1010	025	S & S WYCKOFF	3531 CLAY ST	SAN FRANCISCO	CA	94118-1838
1010	026	3525 CLAY ST LLC	235 KANSAS ST #200	SAN FRANCISCO	CA	94103-5161
1010	026	OCCUPANT	3525 CLAY ST	SAN FRANCISCO	CA	94118-1838
1010	027	ANDRE NEUMANN-LORECK	3511 CLAY ST	SAN FRANCISCO	CA	94118-1838
1010	029	R & L OWYOUNG	3595 CLAY ST	SAN FRANCISCO	CA	94118-1838
1010	030	SOPHIA CHENG	2443 FILLMORE ST #271	SAN FRANCISCO	CA	94115-1814
1010	030	OCCUPANT	314 LOCUST ST	SAN FRANCISCO	CA	94118-1843
1010	031	JOHN KNECHTEL	306 LOCUST ST	SAN FRANCISCO	CA	94118-1843
1010	032	PHELAN TRS	312 LOCUST ST	SAN FRANCISCO	CA	94118-1843
1010	033	RONALD WARRINGTON	308 LOCUST ST	SAN FRANCISCO	CA	94118-1843
1010	034	THIRY-ISRAEL TRS	310 LOCUST ST	SAN FRANCISCO	CA	94118-1843
1300	001	35 KEYES DEV LLC	3550 W PACIFIC AV	SAN FRANCISCO	CA	94121-0000
9999	999	.....	.....	.....	.....	.....



## **EXHIBIT E**



# Block Book Map

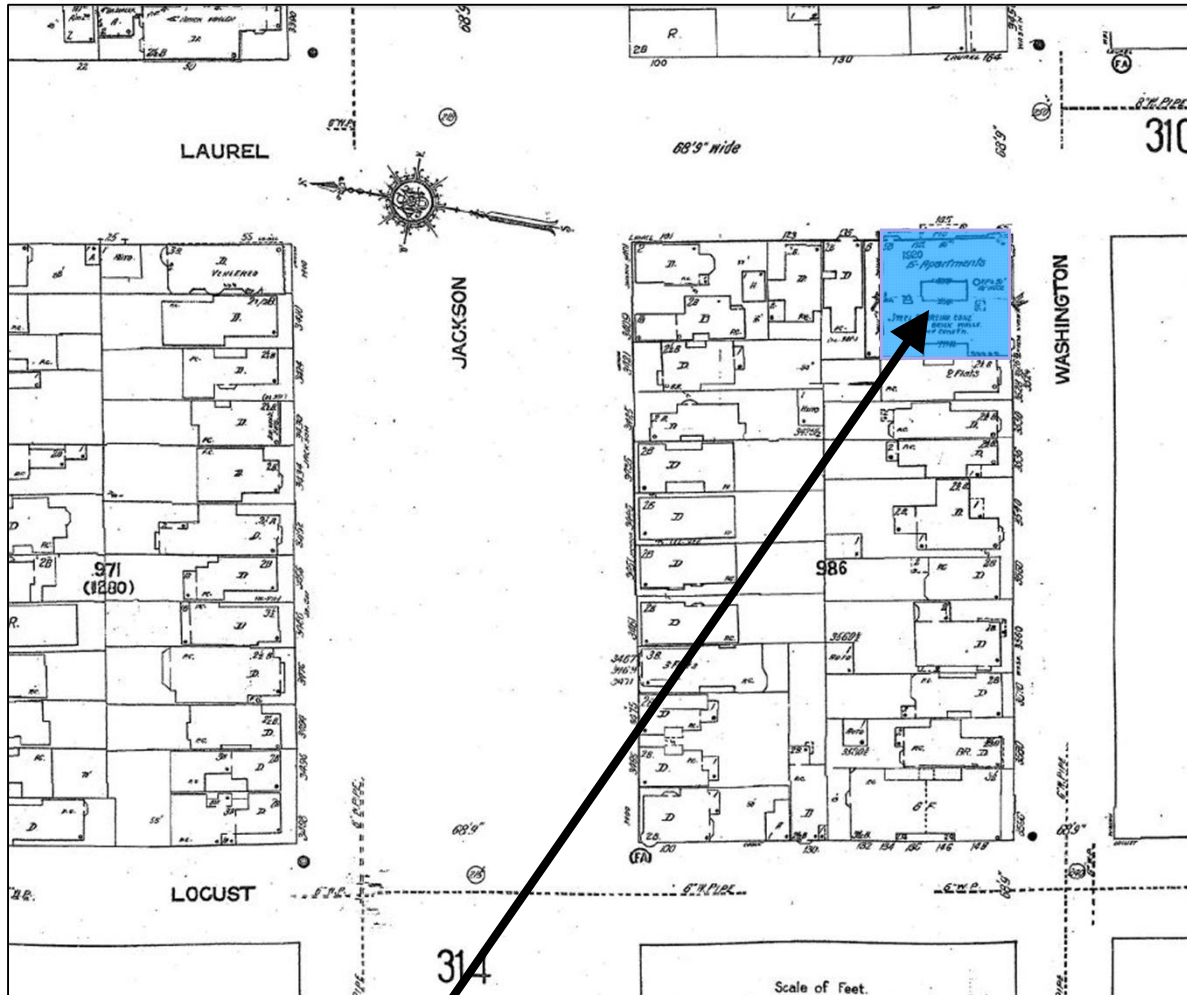


**SUBJECT  
PROPERTIES**





# 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



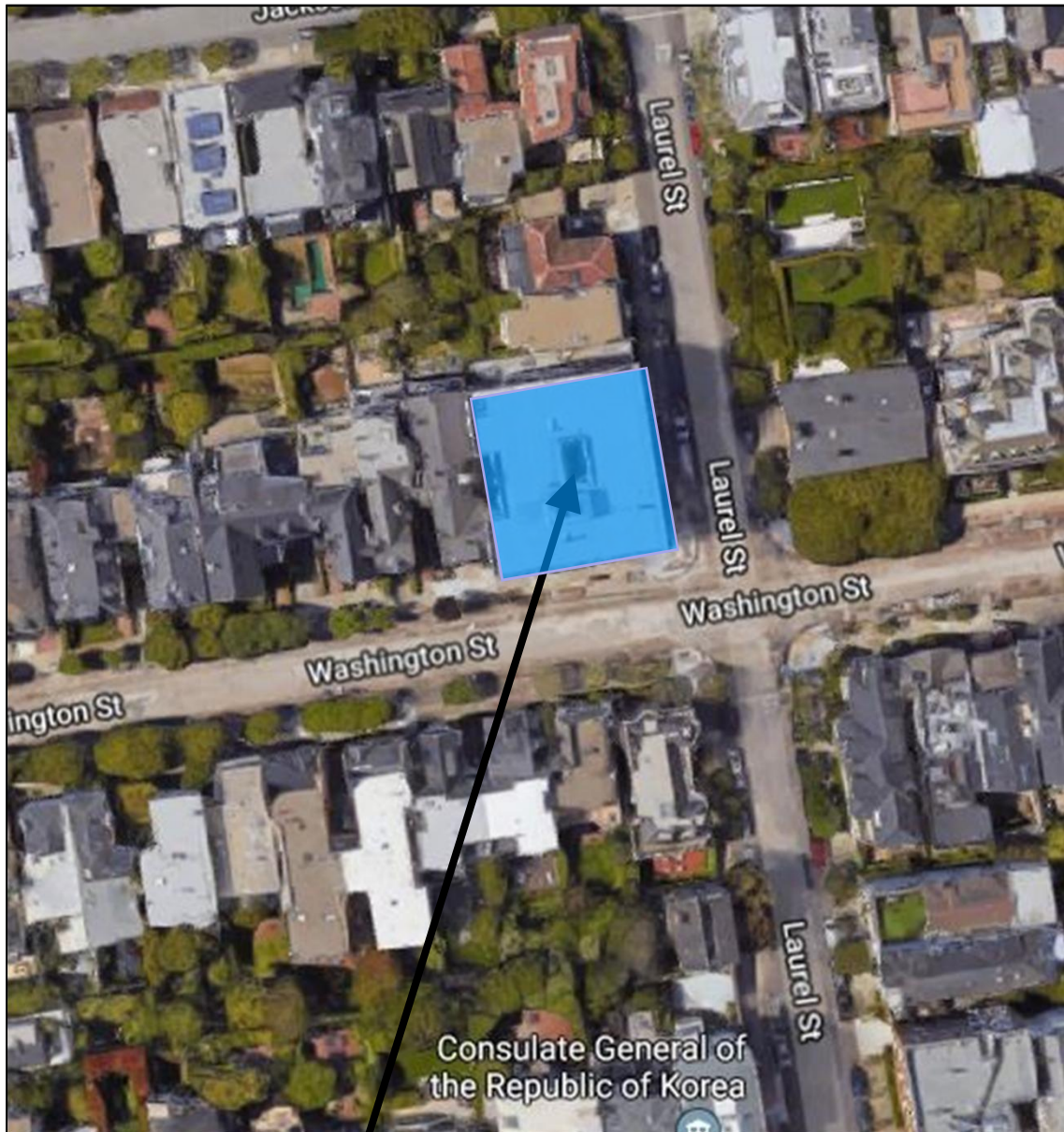
**SUBJECT  
PROPERTIES**



**Case Number 2018-006212CUA**  
AT&T Mobility  
Macro WTS Facility  
145 Laurel Street



# Aerial Photo



**SUBJECT  
PROPERTIES**



**SAN FRANCISCO  
PLANNING DEPARTMENT**

**Case Number 2018-006212CUA**  
AT&T Mobility  
Macro WTS Facility  
145 Laurel Street

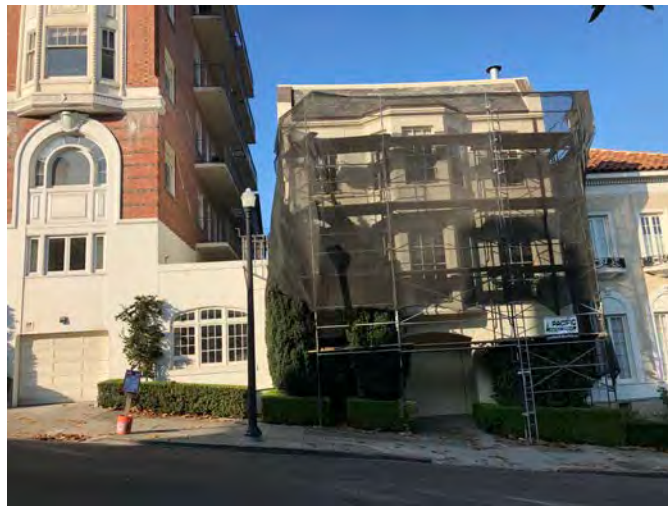


## G. Contextual Photographs

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 SE Corner of Laurel Street and Washington Street**



**View of building north of project site on Laurel Street**



**View of building north of project site on Laurel Street**





**View of building west of project site on Washington Street**



**View of buildings on SW corner of Laurel Street and Washington Street**



**View of buildings south of project site on Washington Street**





**View of buildings south of project site on Washington Street**



**View of buildings on NE corner of Laurel Street and Washington Street**



**View of building east of project site on Laurel Street**





**View of building east of project site on Laurel Street**



**View of buildings on SE corner of Laurel Street and Washington Street**



**View of building SE of project site on Laurel Street**





**View of building SE of project site on Laurel Street**



**View of buildings SE of project site on Washington Street**



**View of buildings SE of project site on Washington Street**



## **EXHIBIT F**



**AT&T Mobility • Proposed Base Station (Site No. CCL05208)**  
**145 Laurel Street • San Francisco, California**  
**FA No. 10067541, USID No. 197477, PA No. 3701A0B1QE**

**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. CCL05208) proposed to be located at 145 Laurel 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 <sup>2</sup>	1.00 mW/cm <sup>2</sup>
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 July 6, 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.

*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 sixteen antennas. This is consistent with the scope of work described in the drawings for transmitting elements.





**AT&T Mobility • Proposed Base Station (Site No. CCL05208)**  
**145 Laurel Street • San Francisco, California**  
**FA No. 10067541, USID No. 197477, PA No. 3701A0B1QE**

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

No antennas are to be removed. AT&T proposes to install sixteen Quintel Model QS6658-3 directional panel antennas within four view screen enclosures to be constructed near the four corners of the roof. The antennas would employ up to 10° downtilt, would be mounted at an effective height of about 72 feet above ground, 11½ feet above the roof, and would be oriented in groups of four toward 60°T, 135°T, 260°T, and 330°T.

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 and at ground near the site are presumed to be well below the applicable public exposure 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 17,840 watts, representing simultaneous operation at 1,680 watts for WCS, 4,820 watts for AWS, 6,480 watts for PCS, 1,110 watts for cellular, and 3,750 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 the top-floor elevation of any nearby residence is 29% of the public exposure limit; this occurs at the three-story residence about 100 feet to the west.

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 0.066 mW/cm<sup>2</sup>, which is 8.1% of the applicable public exposure limit. Cumulative RF levels at ground level near the site are therefore estimated to be well below the applicable public limit.

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 100 and 36 feet out from the antenna faces, respectively, and to much lesser





**AT&T Mobility • Proposed Base Station (Site No. CCL05208)**  
**145 Laurel Street • San Francisco, California**  
**FA No. 10067541, USID No. 197477, PA No. 3701A0B1QE**

distances above, below, and to the sides; this includes areas on the roof of the building but does not reach any other 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 certain 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 36 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 on the roof access door, on the barricades, at edges of the red-striped areas, on the enclosures in front of the antennas, and at the doors to the enclosures, 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. CCL05208)**  
**145 Laurel Street • San Francisco, California**  
**FA No. 10067541, USID No. 197477, PA No. 3701A0B1QE**

**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 145 Laurel 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.



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

August 3, 2018



**HAMMETT & EDISON, INC.**  
CONSULTING ENGINEERS  
SAN FRANCISCO

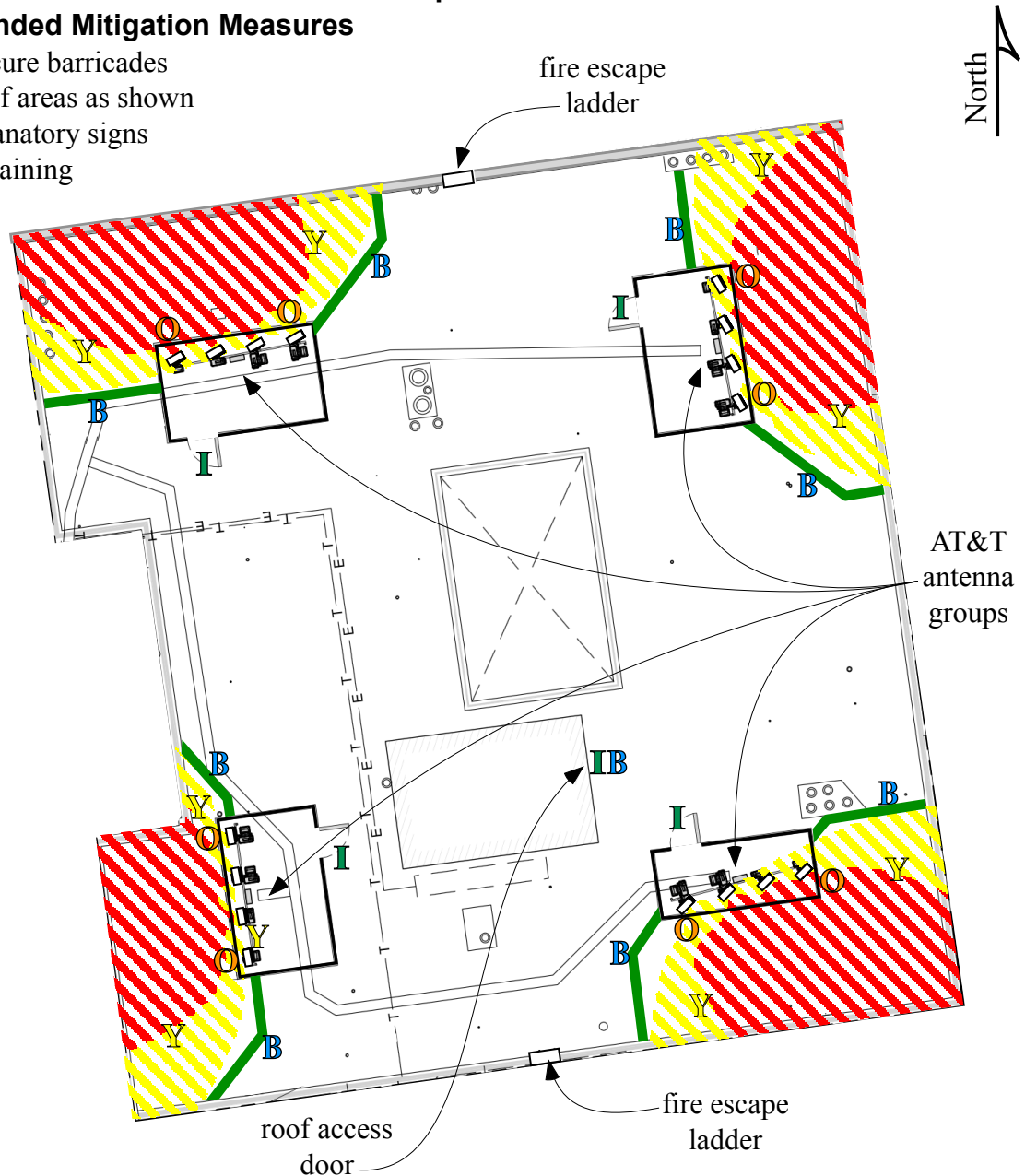


**AT&T Mobility • Proposed Base Station (Site No. CCL05208)**  
**145 Laurel Street • San Francisco, California**  
**FA No. 10067541, USID No. 197477, PA No. 3701A0B1QE**

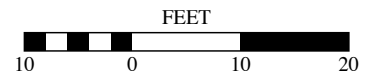
**Calculated RF Exposure Levels on Roof**

**Recommended Mitigation Measures**

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



Notes: See text.  
 Maintain 4-foot clearance to fire escapes.  
 Base drawing from J5 Infrastructure Partners, dated July 6, 2018.  
 Calculations performed according to OET Bulletin 65, August 1997.



<b>Legend:</b>	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

Y0EL.1  
 Figure 1



## **EXHIBIT G**





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

London Breed, 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:** Ashley Lindsey  
**RF Engineer Consultant:** Hammett & Edison **Phone Number:** (707) 996-5200  
**Project Address/Location:** 145 Laurel St  
**Site ID:** 2919 **SiteNo.:** CCL05208 **Report Dated:** 8/3/2018

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: 17840 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: 29 %  
Distance to this nearby building or structure: 100 feet
- ☒ 8. The estimated maximum cumulative radio frequency fields for the proposed site at ground level. (WTS-FSG, Section 10.5)  
Maximum RF Exposure: 0.066 mW/cm<sup>2</sup> Maximum RF Exposure Percent: 8.1 %



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: 100

☒ Occupational Exclusion Area

Occupational Exclusion In Feet: 36

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 0 antennas existing operated by AT&T Wireless installed on the roof top of the building at 145 Laurel 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 16 new antennas. The antennas are mounted at a height of 72 feet above the ground. The estimated ambient RF field from the proposed AT&T Wireless transmitters at ground level is calculated to be 0.066 mW/sq cm., which is 8.1 % of the FCC public exposure limit. The three dimensional perimeter of RF levels equal to the public exposure limit extends 100 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 within 36 feet of the front of the antennas while they are in operation. Barricades and public and occupational striping shall be installed to prevent access to the 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: 8/28/2018

Signed: \_\_\_\_\_

 JC

**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**



# Exhibit 2 - CCL05208 Service Area BEFORE site is constructed

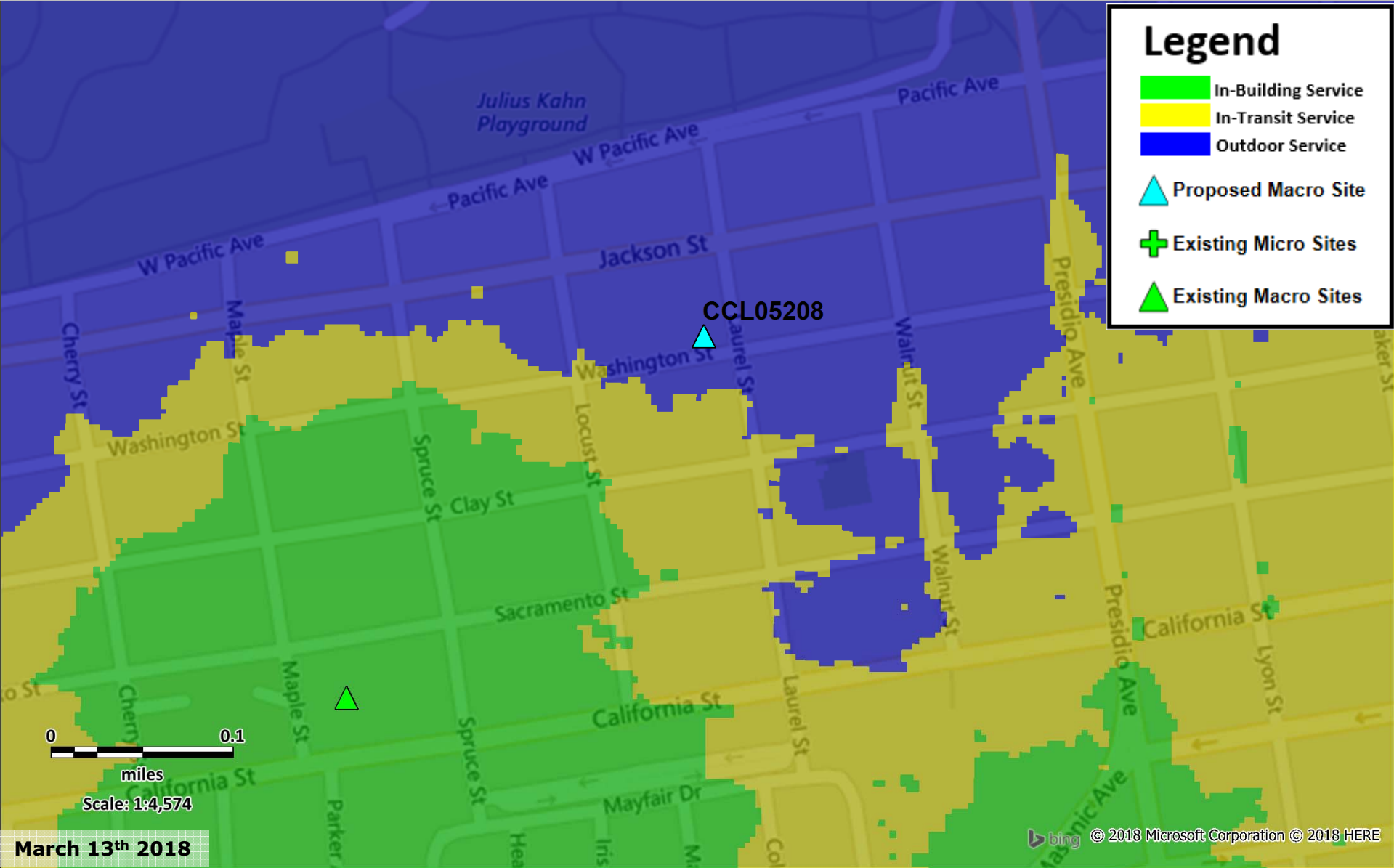
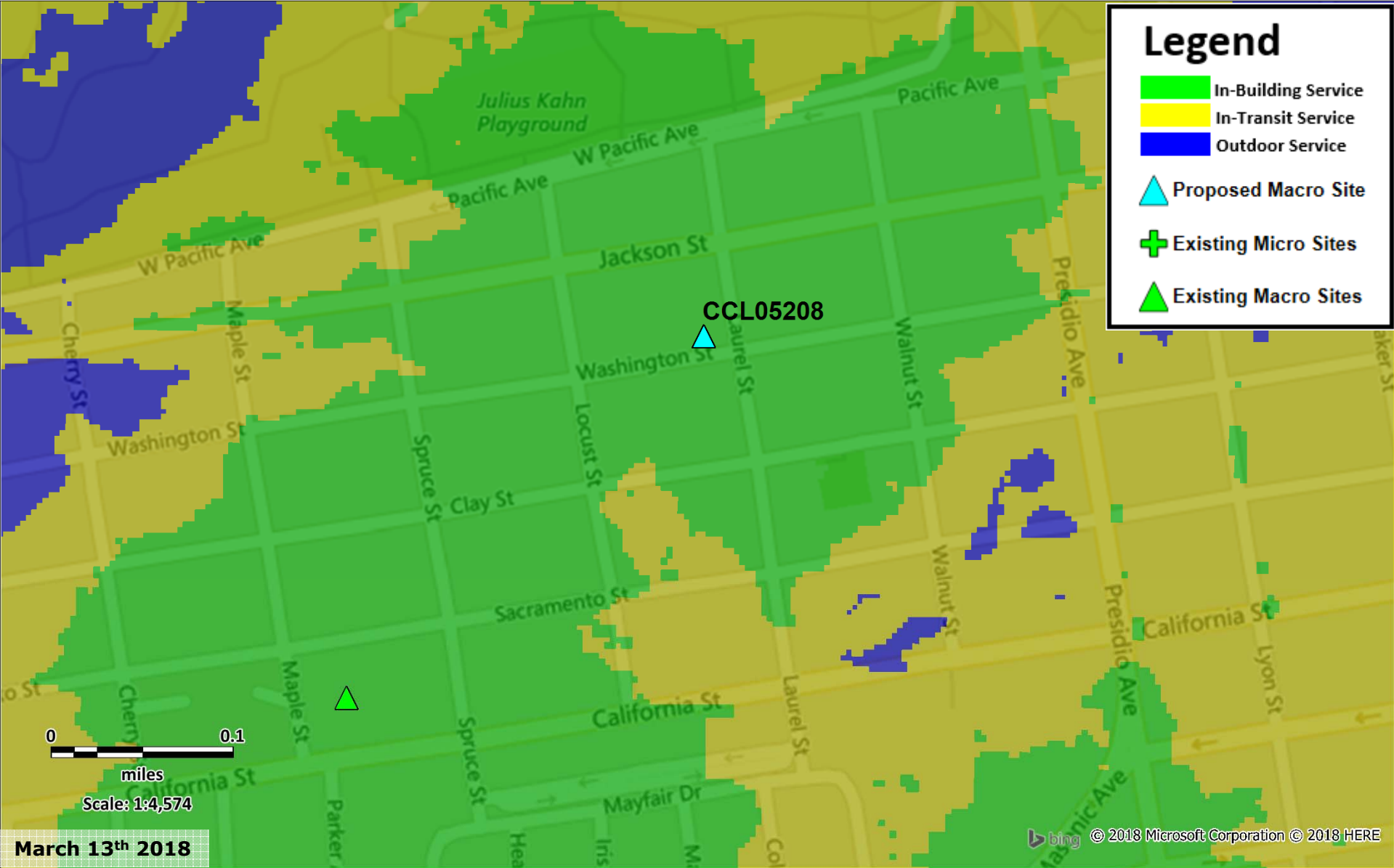




Exhibit 3 - CCL05208 Service Area AFTER site is constructed





## **EXHIBIT I**





**HAMMETT & EDISON, INC.**  
CONSULTING ENGINEERS  
BROADCAST & WIRELESS

WILLIAM F. HAMMETT, P.E.  
RAJAT MATHUR, P.E.  
ROBERT P. SMITH, JR.  
ANDREA L. BRIGHT, P.E.  
NEIL J. OLIJ, P.E.  
BRIAN F. PALMER  
AMELIA NGAI  
MANAS REDDY  
M. DANIEL RO

**BY E-MAIL MHILL@J5IP.COM**

April 5, 2018

Ms. Misako Hill  
J5 Infrastructure Partners, LLC  
2030 Main Street, Suite 200  
Irvine, CA 92614-8223

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

Dear Misako:

As requested, we have conducted the review required by the City of San Francisco of the coverage maps that AT&T Mobility will submit as part of its application package for its base station proposed to be located at 145 Laurel Street (Site No. CCL05208). This is to fulfill the submittal requirements for Planning Department review.

**Executive Summary**

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

AT&T proposes to install sixteen Quintel Model QS6658-3 directional panel antennas within four view screen enclosures to be constructed near the four corners of the roof of the residential building located at 145 Laurel Street. The antennas would employ up to 10° downtilt, would be mounted at an effective height of about 72 feet above ground, 11½ feet above the roof, and would be oriented in groups of four toward 60°T, 135°T, 260°T, and 330°T. The maximum effective radiated power proposed by AT&T in any direction would be 17,840 watts, representing simultaneous operation at 1,680 watts for WCS, 4,820 watts for AWS, 6,480 watts for PCS, 1,110 watts for cellular, and 3,750 watts for 700 MHz service.

AT&T provided for review two coverage maps, dated March 13, 2018, attached for reference. The maps show AT&T's LTE 4G coverage in the area before and after the site is operational. Both the before and after maps show three levels of coverage, which AT&T colors and defines as follows:

Green	In-building service
Yellow	In-transit service
Blue	Outdoor service

We undertook a two-step process in our review. As a first step, we obtained information from AT&T on the software and the service thresholds that were used to generate its coverage maps. This carrier uses commercially available software to produce the maps. The service



Ms. Misako Hill, page 2  
April 5, 2018

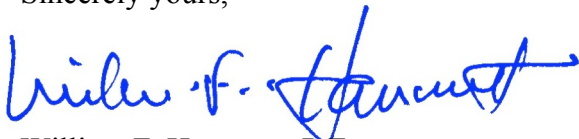
thresholds that AT&T uses are in line with industry standards, similar to the thresholds used by other wireless service providers.

As a second step, we conducted our own drive test, using an Ascom TEMS Pocket network diagnostic tool with built-in GPS, to measure the actual AT&T LTE signal strength in the vicinity of the proposed site. Our fieldwork was conducted on March 29, 2017, between 11:15 AM and 12:35 PM, along a measurement route selected to cover all the streets within the map area that AT&T had indicated would receive improved service.

Based on the measurement data, we conclude that the AT&T LTE 4G coverage map showing the service area without the proposed installation includes areas of relatively weak signal levels in the carrier's present coverage. The map submitted to show the after coverage with the proposed base station in operation was reportedly prepared on the same basis as the map of the existing conditions and so is expected to accurately illustrate the improvements in coverage.

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

Sincerely yours,

A handwritten signature in blue ink, appearing to read "William F. Hammett", is written over the typed name.

William F. Hammett, P.E.

lw

Enclosures



## **EXHIBIT J**



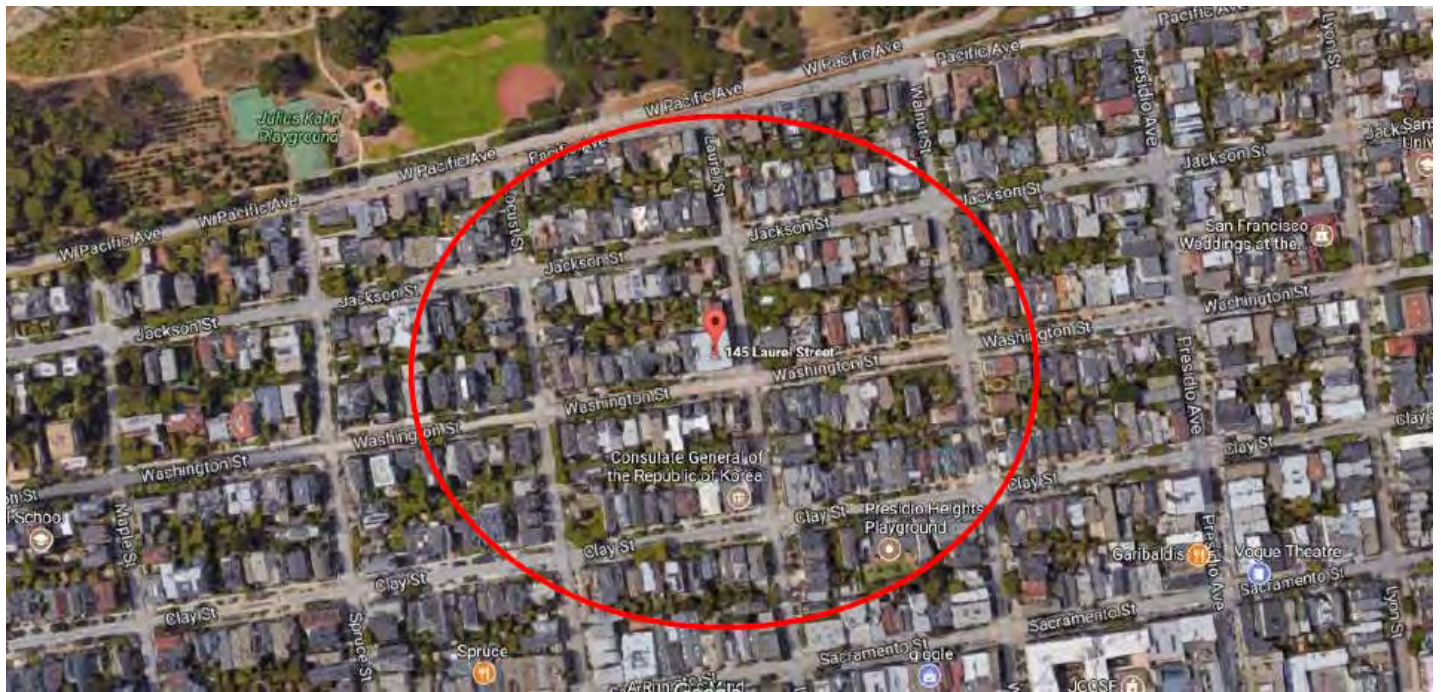
**AT&T MOBILITY  
ALTERNATIVE SITE ANALYSIS  
SITE NUMBER: CCL05208**



**Proposed Site Address:  
145 Laurel Street  
San Francisco, CA 94118**

**April 9, 2018**





**Search Ring Target Area**

### **Locating a site and evaluation of alternative sites**

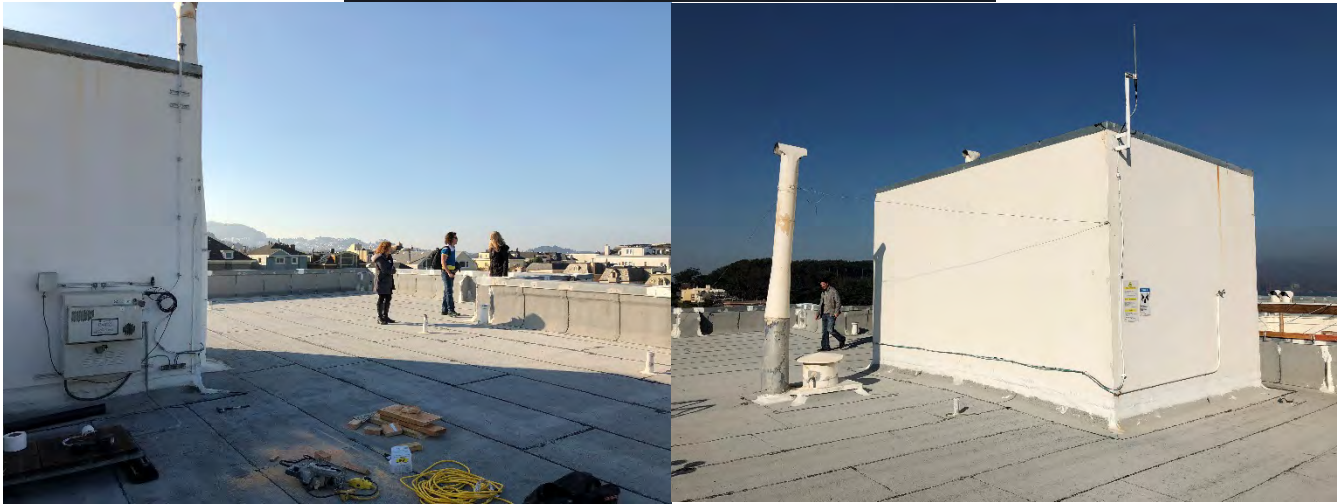
AT&T real estate and construction experts work through Section 8.1 of the WTS Facilities Siting Guidelines, which state the "Preferred Locations Within A Particular Service Area." The team examines preferred locations (most desirable to least desirable under Section 8.1) until a location is found to 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":** AT&T investigated the target area and there are no (0) viable Preference 1 locations identified within the target area.
- 2. Co-Location Sites:** AT&T investigated the target area and there is one (1) viable co-location site existing within the target area.





**A. 145 Laurel Street, APN 0986/003\_RH-1 - RESIDENTIAL- HOUSE, ONE FAMILY\_40-X**

This residential apartment building candidate is the preferred candidate for the search ring. It is the tallest buildings in the search ring and as such, has no signal blockage issues. It also has an existing wireless communications antenna on the roof. 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 8ft-9in above the roof parapet. Antennas are screened within a faux penthouse in accordance with Sections 260 and 263.21 of the San Francisco Zoning Ordinance.

**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 no (0) Preference 5 locations identified within the target area.

**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.



**B. 3500 Clay Street, APN 4207/020\_RH-1 - RESIDENTIAL- HOUSE, ONE FAMILY\_40-X**

The Consulate General of the Republic of Korea candidate is located within the search area. It was rejected due to the design of the roof. The roof is partially pitched and cannot support the required antennas and screening.



**C. 250 Laurel Street, APNs 0996/031-039 (9 lots)\_RH-1 - RESIDENTIAL- HOUSE, ONE FAMILY\_40-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.



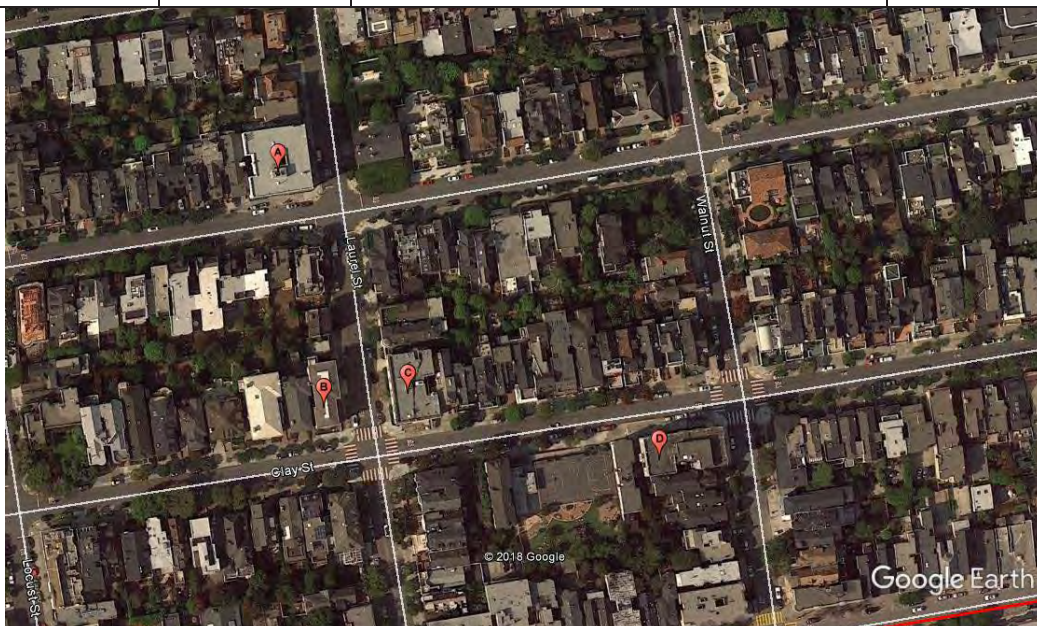


**D. 3401 Clay Street, APNs 0996/031-039 (9 lots)\_RH-2-RESIDENTIAL- HOUSE, TWO FAMILY \_40-X**

This mixed-use building candidate is located outside of the search area. It was rejected due to lack of interest from the property owner to enter into a lease agreement with AT&T.

**Alternative Site Locations Summary**

	Location	Block/Lot	Zoning District	Building Type	WTS Siting Preference
A	145 Laurel Street	0986/003	RH-1 – Residential House, One - Family	Apartment Building	2
B	3500 Clay Street	0995/002	RH-1 – Residential House, One - Family	Consulate	7
C	250 Laurel Street	0996/031-039 (9 lots)	RH-1 – Residential House, One - Family	Apartment Building	7
D	3401 Clay Street	1009/001	RH-2 - Residential- House, Two Family	Apartment Building	7





## AT&T MOBILITY

### ALTERNATIVE SITE ANALYSIS -- ADDENDUM

SITE NUMBER: CCL05208 / 145 Laurel Street, San Francisco, CA 94118

UPDATED August 5, 2018

Page 1 of 2

**1. Publicly-used "structures":** AT&T investigated the target area and there are no (0) viable Preference 1 locations identified within the target area.

#### From Planning:

*It seems that the search ring may include or be adjacent to Presidio Height Playground, and the area around Julius Kahn Playground which are both zoned Public. In writing provide a detailed analysis which discusses how the two aforementioned locations may or may not be feasible for siting a macro facility.*

#### AT&T RESPONSE

##### Presidio Height Playground, 3437 Clay St, San Francisco, CA 94118

The Presidio Height Playground is not a viable option for AT&T as there are no existing structures for AT&T to install the required number of antennas. In order to obtain the antenna height required, AT&T would need to install a new pole structure on the playground parcel. In addition, the location and height for a new pole may be problematic as the playground is surrounded by 3- and 4-story residential building. To obtain the same signal coverage as the Proposed Facility, the height of a new pole structure at the playground would need to be over 50 feet. This height is required to avoid being blocked by the existing building and would need to be located as close to Clay Street. This would be a more intrusive design than the Proposed Facility.





## AT&T MOBILITY

### ALTERNATIVE SITE ANALYSIS -- ADDENDUM

SITE NUMBER: CCL05208 / 145 Laurel Street, San Francisco, CA 94118

UPDATED August 5, 2018

Page 2 of 2

#### **Julius Kahn Playground, West Pacific Ave & Spruce St, San Francisco, CA 94118**

Julius Kahn Playground is not a viable option for AT&T as there are no existing structures for AT&T to install the required number of antennas. In order to obtain the antenna height required, AT&T would need to install a new pole structure. In addition, the parcel is located at a lower elevation than the Proposed Facility. The Proposed Facility is at an elevation of 257ft and the playground is located at an elevation of 186ft—a difference of 71 feet. The proposed site will be installed on the rooftop of an existing 6-story building. The height of a new pole structure at the playground would need to be over 70ft in order to provide the same signal coverage as the Proposed Facility. This would be a more intrusive design than the Proposed Facility.

