# Executive Summary Conditional Use

**HEARING DATE: JULY 23, 2020** 

**CONTINUED FROM: JULY 16, 2020** 

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

Reception: **415.558.6378** 

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415.558.6409

Planning Information: 415.558.6377

Record No.: 2019-015984CUA Project Address: 590 02ND AVE

Zoning: RM-2 (RESIDENTIAL- MIXED, MODERATE DENSITY Zoning District)

40-X Height and Bulk District

Block/Lot: 1544 / 026 Project Sponsor: Misako Hill

1075 45th Street Emeryville, CA 94608

Property Owner: The Low 1991 Revocable Trust

328 2nd Ave #1

San Francisco, CA 94118

Staff Contact: Ashley Lindsay- 415-575-9178

Ashley.Lindsay@sfgov.org

Recommendation: Approval with Conditions

#### PROJECT DESCRIPTION

The Project includes a new AT&T Mobility Macro Wireless Telecommunications Services Facility at rooftop consisting of installation of ten (10) panel antennas, and ancillary equipment as part of the AT&T Mobility Telecommunications Network. Antennas and ancillary equipment will be screened within two (2) FRP enclosures.

#### **REQUIRED COMMISSION ACTION**

In order for the Project to proceed, the Commission must grant a Conditional Use Authorization, pursuant to Planning Code Sections 209.2 and 303 to allow installation of a wireless telecommunications facility within the RM-2 Zoning District.

#### ISSUES AND OTHER CONSIDERATIONS

- Public Comment & Outreach.
  - Opposition: The Department received correspondence from 5 people regarding the proposed project. This correspondence has primarily expressed opposition to the project. Much of the opposition expressed concerns over radio frequency, design, noise, and reduced access to light.
  - Outreach: The Sponsor held a community meeting on Wednesday, November 7, 2018 from
     6:00 PM to 7:30 PM. The topics of discussion included design, site selection, shadow, noise

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Executive Summary Hearing Date: July 23, 2020

and radio frequency. Community members expressed opposition to the Project at the meeting, citing health concerns.

#### **ENVIRONMENTAL REVIEW**

The Project is exempt from the California Environmental Quality Act ("CEQA") as a Class 1 categorical exemption.

#### **BASIS FOR RECOMMENDATION**

The Department finds that the Project is, on balance, consistent with the Wireless Telecommunications Services (WTS) Facilities Siting Guidelines and the Objectives and Policies of the General Plan. 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. 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 with Conditions of Approval

Exhibit B – Plans and Renderings

Exhibit C – Environmental Determination

Exhibit D - Land Use Data

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

Exhibit K - Project Sponsor Brief

## **Planning Commission Draft Motion**

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ADOPTING FINDINGS RELATING TO A CONDITIONAL USE AUTHORIZATION PURSUANT TO PLANNING CODE SECTION 209.2 AND 303(c), TO INSTALL A NEW ROOFTOP AT&T MOBILITY MACRO WIRELESS TELECOMMUNICATIONS FACILITY CONSISTING OF INSTALLATION OF TEN (10) PANEL ANTENNAS, AND ANCILLARY EQUIPMENT AS PART OF THE AT&T MOBILITY TELECOMMUNICATIONS NETWORK. ANTENNAS AND ANCILLARY EQUIPMENT WILL BE SCREENED WITHIN TWO (2) FRP ENCLOSURES. THE SUBJECT PROPERTY IS LOCATED AT 590 2ND AVENUE, LOTS 026 IN ASSESSOR'S BLOCK 1544, WITHIN THE RM-2 (RESIDENTIAL- MIXED, MODERATE DENSITY) ZONING DISTRICT AND 40-X HEIGHT AND BULK DISTRICT, AND ADOPTING FINDINGS UNDER THE CALIFORNIA ENVIRONMENTAL QUALITY ACT.

#### **PREAMBLE**

On September 10, 2019, Misako Hill on behalf of AT&T Mobility (hereinafter "Project Sponsor") filed Application No. 2019-015984CUA (hereinafter "Application") with the Planning Department (hereinafter "Department") for a Conditional Use Authorization to construct a new macro wireless telecommunications facility (hereinafter "Project") at 590 02ND AVE, Block 1544 Lots 026 (hereinafter "Project Site").

On May 20, 2020, 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.

On July 16, 2020, the San Francisco Planning Commission (hereinafter "Commission") conducted a duly noticed public hearing at a regularly scheduled meeting on Conditional Authorization Application No. 2019-015984CUA and continued the hearing to July 23, 2020.

**Draft Motion** July 23, 2020

On July 23, 2020, the San Francisco Planning Commission (hereinafter "Commission") conducted a duly noticed public hearing at a regularly scheduled meeting on Conditional Authorization Application No. 2019-015984CUA.

The Planning Department Commission Secretary is the custodian of records; the File for Record No. 2019-015984CUA 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. 2019-015984CUA, 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 a new AT&T Mobility Macro Wireless Telecommunications Services Facility at rooftop consisting of installation of ten (10) panel antennas, and ancillary equipment as part of the AT&T Mobility Telecommunications Network. Antennas and ancillary equipment will be screened within two (2) FRP enclosures.
- 3. Site Description and Present Use. The Project is located on one lot which has approximately 105-ft of frontage along Balboa Street, and 25-ft of frontage along 2nd Ave. The Project Site contains one existing four-story residential building.
- 4. Surrounding Properties and Neighborhood. The Project Site is located within the RM-2 Zoning District, immediately adjacent to the RH-2 Zoning District. The immediate context is mixed in character with residential (houses and apartment buildings), and contains supporting nonresidential uses. The immediate neighborhood includes two-to-four story residential buildings, and nonresidential services. The Angelo J. Rossi Playground is located east of the Project Site.
- 5. Public Outreach and Comments. The Sponsor held a community meeting on Wednesday, November 7, 2018 from 6:00 PM to 7:30 PM . The topics of discussion included design, site selection, shadow, noise and radio frequency. Community members expressed opposition to the Project at the meeting, citing health concerns. The Department received correspondence from 4

people regarding the proposed project. This correspondence has primarily expressed opposition to the project. Much of the opposition expressed concerns over radio frequency, design, noise, and reduced access to light.

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 were the installation of wireless facilities should be located:

- 1. Publicly-used Structures: such facilities as fire stations, utility structures, community facilities, and other public structures;
- 2. Co-Location Site: encourages installation of facilities on buildings that already have wireless installations;
- 3. Industrial or Commercial Structures: buildings such as warehouses, factories, garages,
- 4. Industrial or Commercial Structures: buildings such as supermarkets, retail stores, banks;
- 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.

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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.

- 6. 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 Sites) according to the WTS Facilities Siting Guidelines, making it not a desired location unless the Project application (a) shows what publicly-used building, co-location site or other Preferred Location Sites are located within the geographic service area; (b) shows by clear and convincing evidence what good faith efforts and measures to secure these Preferred Location Sites were taken; (c) explains why such efforts were unsuccessful; and (d) demonstrates that the location for the site is essential to meet demands in the geographic service area and the Applicant's citywide network. The Project Sponsor has provided an Alternate Site Analysis, dated July 5, 2019, which is included as an attachment and addresses the requirements mentioned above for a Location Preference 7 Site.
- 7. **Radio Waves Range.** The Project Sponsor has stated that the proposed wireless network is designed to address coverage and capacity needs in the area. The network will operate at 3,210 watts for WCS, 5,280 watts for AWS, 4,620 watts for PCS, 1,800 watts for cellular, and 3,960 watts for 700 MHz service, 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.
- 8. **Radiofrequency (RF) Emissions:** The Project Sponsor retained Hammett & Edison, Inc., Consulting Engineers, a radio engineering consulting firm, to prepare a report describing the expected RF emissions from the proposed facility. Pursuant to the Guidelines, the Department of Public Health reviewed the report and determined that the proposed facility complies with the standards set forth in the Guidelines.
- 9. **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 be 98% of the FCC public exposure limit.

There are no existing antennas on the rooftop of the subject building. Existing RF levels at ground were presumed to be well below the FCC public exposure limit. There were observed no other antennas within 100 feet of this site. AT&T Mobility proposes to install ten (10) new antennas. The height to the top of the antennas is approximately 45 feet above the ground. The estimated RF field from the proposed AT&T Mobility transmitters at ground level is calculated to be 0.18 mW/sq cm., which is 23% of the FCC public exposure limit. The three-dimensional perimeter of RF levels equal to the public exposure limit extends 90 feet, and the three-dimensional perimeter of RF level equal to the occupational exclusion limit extends 39 feet; both limits do 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 39 feet of the front of the antennas while they are in operation.

- 10. **Coverage and Capacity Verification.** The maps, data, and conclusion provided by AT&T Mobility to demonstrate the need for outdoor and indoor coverage and capacity have been determined by Hammett & Edison, Inc., Consulting Engineers, 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 209.2, 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 590 2<sup>nd</sup> Ave is generally compatible with the surrounding neighborhood. The Project will not conflict with the existing use of the property and is designed to be compatible with the surrounding neighborhood. Screening elements are situated as to ensure harmony with the existing neighborhood character.

There is an existing coverage gap in the AT&T Mobility wireless telecommunications network. A new facility is necessary to close the service coverage gap in the network area bordered by Anza Street to the north, Arguello Blvd to the east, Balboa Street to the south, and 2nd Avenue to the west.

The proposed facility will enhance the area's public safety infrastructure by providing wireless telecommunication services to the surrounding neighborhood and local at all times, and during natural disasters or other emergencies.

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 is minimally impacted 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 coverage and capacity within the Inner Richmond 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 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. 2019-015984CUA** subject to the following conditions attached hereto as "EXHIBIT A" in general conformance with plans on file, dated July 16, 2020, and stamped "EXHIBIT B", which is incorporated herein by reference as though fully set forth.

**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 July 23, 2020.

Jonas P. Ionin	
Commission S	Secretary
AYES:	
NAYS:	
ABSENT:	
ADOPTED:	July 23, 2020

### **EXHIBIT A**

#### **AUTHORIZATION**

This authorization is for a conditional use to allow a Wireless Telecommunications Facility (d.b.a. AT&T Mobility) located at 590 2<sup>nd</sup> Avenue, Block 1544, and Lot 026 pursuant to Planning Code Section(s) 209.2 and 303(c) within the RM-2 District and a 40-X Height and Bulk District; in general conformance with plans, dated July 16, 2020, and stamped "EXHIBIT B" included in the docket for Record No. 2019-015984CUA and subject to conditions of approval reviewed and approved by the Commission on July 23, 2020 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 July 23, 2020 under Motion No XXXXXX.

#### PRINTING OF CONDITIONS OF APPROVAL ON PLANS

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

#### **SEVERABILITY**

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

#### CHANGES AND MODIFICATIONS

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

## Conditions of Approval, Compliance, Monitoring, and Reporting PERFORMANCE

1. **Validity.** The authorization and right vested by virtue of this action is valid for three (3) years from the effective date of the Motion. The Department of Building Inspection shall have issued a Building Permit or Site Permit to construct the project and/or commence the approved use within this three-year period.

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

2. **Expiration and Renewal.** Should a Building or Site Permit be sought after the three (3) year period has lapsed, the project sponsor must seek a renewal of this Authorization by filing an application for an amendment to the original Authorization or a new application for Authorization. Should the project sponsor decline to so file, and decline to withdraw the permit application, the Commission shall conduct a public hearing in order to consider the revocation of the Authorization. Should the Commission not revoke the Authorization following the closure of the public hearing, the Commission shall determine the extension of time for the continued validity of the Authorization.

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

3. **Diligent pursuit.** Once a site or Building Permit has been issued, construction must commence within the timeframe required by the Department of Building Inspection and be continued diligently to completion. Failure to do so shall be grounds for the Commission to consider revoking the approval if more than three (3) years have passed since this Authorization was approved.

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

4. **Extension.** All time limits in the preceding three paragraphs may be extended at the discretion of the Zoning Administrator where implementation of the project is delayed by a public agency, an appeal or a legal challenge and only by the length of time for which such public agency, appeal or challenge has caused delay.

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

5. **Conformity with Current Law.** No application for Building Permit, Site Permit, or other entitlement shall be approved unless it complies with all applicable provisions of City Codes in effect at the time of such approval.

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

#### **DESIGN - COMPLIANCE AT PLAN STAGE**

- 6. **Final Materials.** The Project Sponsor shall continue to work with Planning Department on the building design. Final materials, glazing, color, texture, landscaping, and detailing shall be subject to Department staff review and approval. The architectural addenda shall be reviewed and approved by the Planning Department prior to issuance.
  - For information about compliance, contact the Case Planner, Planning Department at 415-558-6378, www.sf-planning.org
- 7. **Rooftop Mechanical Equipment.** Pursuant to Planning Code 141, the Project Sponsor shall submit a roof plan to the Planning Department prior to Planning approval of the building permit application. Rooftop mechanical equipment, if any is proposed as part of the Project, is required to be screened so as not to be visible from any point at or below the roof level of the subject building.
  - For information about compliance, contact the Case Planner, Planning Department at 415-558-6378, <a href="https://www.sf-planning.org">www.sf-planning.org</a>
- 8. **Plan Drawings WTS**. Prior to the issuance of any building or electrical permits for the installation of the facilities, the Project Sponsor shall submit final scaled drawings for review and approval by the Planning Department ("Plan Drawings"). The Plan Drawings shall describe:
  - A. Structure and Siting. Identify all facility related support and protection measures to be installed. This includes, but is not limited to, the location(s) and method(s) of placement, support, protection, screening, paint and/or other treatments of the antennas and other appurtenances to insure public safety, insure compatibility with urban design, architectural and historic preservation principles, and harmony with neighborhood character.
  - B. For the Project Site, regardless of the ownership of the existing facilities. Identify the location of all existing antennas and facilities; and identify the location of all approved (but not installed) antennas and facilities.
  - C. Emissions. Provide a report, subject to approval of the Zoning Administrator, that operation of the facilities in addition to ambient RF emission levels will not exceed adopted FCC standards with regard to human exposure in uncontrolled areas.

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

- 9. **Screening WTS.** To the extent necessary to ensure compliance with adopted FCC regulations regarding human exposure to RF emissions, and upon the recommendation of the Zoning Administrator, the Project Sponsor shall:
  - A. Modify the placement of the facilities;
  - B. Install fencing, barriers or other appropriate structures or devices to restrict access to the facilities;

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

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

#### **MONITORING - AFTER ENTITLEMENT**

- 10. **Enforcement.** Violation of any of the Planning Department conditions of approval contained in this Motion or of any other provisions of Planning Code applicable to this Project shall be subject to the enforcement procedures and administrative penalties set forth under Planning Code Section 176 or Section 176.1. The Planning Department may also refer the violation complaints to other city departments and agencies for appropriate enforcement action under their jurisdiction. For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, www.sf-planning.org
- 11. **Revocation due to Violation of Conditions.** Should implementation of this Project result in complaints from interested property owners, residents, or commercial lessees which are not resolved by the Project Sponsor and found to be in violation of the Planning Code and/or the specific conditions of approval for the Project as set forth in Exhibit A of this Motion, the Zoning Administrator shall refer such complaints to the Commission, after which it may hold a public hearing on the matter to consider revocation of this authorization.
  - For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, www.sf-planning.org
- 12. **Implementation Costs WTS**. The Project Sponsor, on an equitable basis with other WTS providers, shall pay the cost of preparing and adopting appropriate General Plan policies related to the placement of WTS facilities. Should future legislation be enacted to provide for cost recovery for planning, the Project Sponsor shall be bound by such legislation.

The Project Sponsor or its successors shall be responsible for the payment of all reasonable costs associated with implementation of the conditions of approval contained in this authorization, including costs incurred by this Department, the Department of Public Health, the Department of Technology, Office of the City Attorney, or any other appropriate City Department or agency. The Planning Department shall collect such costs on behalf of the City.

The Project Sponsor shall be responsible for the payment of all fees associated with the installation of the subject facility, which are assessed by the City pursuant to all applicable law. For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, www.sf-planning.org

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

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

- 14. **Project Implementation Report WTS**. The Project Sponsor shall prepare and submit to the Zoning Administrator a Project Implementation Report. The Project Implementation Report shall:
  - A. Identify the three dimensional perimeter closest to the facility at which adopted FCC standards for human exposure to RF emissions in uncontrolled areas are satisfied;
  - B. Document testing that demonstrates that the facility will not cause any potential exposure to RF emissions that exceed adopted FCC emission standards for human exposure in uncontrolled areas.
  - C. The Project Implementation Report shall compare test results for each test point with applicable FCC standards. Testing shall be conducted in compliance with FCC regulations governing the measurement of RF emissions and shall be conducted during normal business hours on a non-holiday weekday with the subject equipment measured while operating at maximum power.
  - D. Testing, Monitoring, and Preparation. The Project Implementation Report shall be prepared by a certified professional engineer or other technical expert approved by the Department. At the sole option of the Department, the Department (or its agents) may monitor the performance of testing required for preparation of the Project Implementation Report. The cost of such monitoring shall be borne by the Project Sponsor pursuant to the condition related to the payment of the City's reasonable costs.
  - E. Notification and Testing. The Project Implementation Report shall set forth the testing and measurements undertaken pursuant to Conditions 2 and 4.
  - F. Approval. The Zoning Administrator shall request that the Certification of Final Completion for operation of the facility not be issued by the Department of Building

Inspection until such time that the Project Implementation Report is approved by the Department for compliance with these conditions.

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

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

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

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

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

- 17. **Installation WTS.** Within 10 days of the installation and operation of the facilities, the Project Sponsor shall confirm in writing to the Zoning Administrator that the facilities are being maintained and operated in compliance with applicable Building, Electrical and other Code requirements, as well as applicable FCC emissions standards.
  - For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, www.sf-planning.org
- 18. **Periodic Safety Monitoring WTS.** The Project Sponsor shall submit to the Zoning Administrator 10 days after installation of the facilities, and every two years thereafter, a

certification attested to by a licensed engineer expert in the field of EMR/RF emissions, that the facilities are and have been operated within the then current applicable FCC standards for RF/EMF emissions.

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

#### **OPERATION**

19. **Community Liaison.** Prior to issuance of a building permit to construct the project and implement the approved use, the Project Sponsor shall appoint a community liaison officer to deal with the issues of concern to owners and occupants of nearby properties. The Project Sponsor shall provide the Zoning Administrator and all registered neighborhood groups for the area with written notice of the name, business address, and telephone number of the community liaison. Should the contact information change, the Zoning Administrator and registered neighborhood groups shall be made aware of such change. The community liaison shall report to the Zoning Administrator what issues, if any, are of concern to the community and what issues have not been resolved by the Project Sponsor.

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

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

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

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

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

- 22. **Noise and Heat WTS**. The WTS facility, including power source and cooling facility, shall be operated at all times within the limits of the San Francisco Noise Control Ordinance. The WTS facility, including power source and any heating/cooling facility, shall not be operated so as to cause the generation of heat that adversely affects a building occupant.
  - For information about compliance, contact the Environmental Health Section, Department of Public Health at (415) 252-3800, www.sfdph.org
- 23. **Transfer of Operation WTS**. Any carrier/provider authorized by the Zoning Administrator or by the Planning Commission to operate a specific WTS installation may assign the operation of the facility to another carrier licensed by the FCC for that radio frequency provided that such

transfer is made known to the Zoning Administrator in advance of such operation, and all conditions of approval for the subject installation are carried out by the new carrier/provider. For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, www.sf-planning.org

24. Compatibility with City Emergency Services – WTS. The facility shall not be operated or caused to transmit on or adjacent to any radio frequencies licensed to the City for emergency telecommunication services such that the City's emergency telecommunications system experiences interference, unless prior approval for such has been granted in writing by the City. For information about compliance, contact the Department of Technology, 415-581-4000, <a href="http://sfgov3.org/index.aspx?page=1421">http://sfgov3.org/index.aspx?page=1421</a>



SITE NUMBER: CCL03293

RSFR NSB CCL03293 - LOW APARTMENTS SITE NAME:

**ROOFTOP** SITE TYPE:

**ADDRESS:** 590 2ND AVENUE

SAN FRANCISCO, CA 94118



APPLICANT / LESSEE:

ALYSSA FERRIS, AT&T

MANAGER

RF ENGINEER:

5001 EXECUTIVE PARKWAY, 4W550I SAN RAMON, CA 94583

CONSTRUCTION MANAGER:

VINCULUMS SERVICES, LLC PHONE: (916) 502-5988

ALEXANDER KERRIGAN

PHONE: (415) 229-9201

FMAIL: ak440b@att.com

ARCHITECT / ENGINEER:

CONTACT: ROGER FLORES

EMAIL: roger@zalzali.com O: (949) 273-0996x109

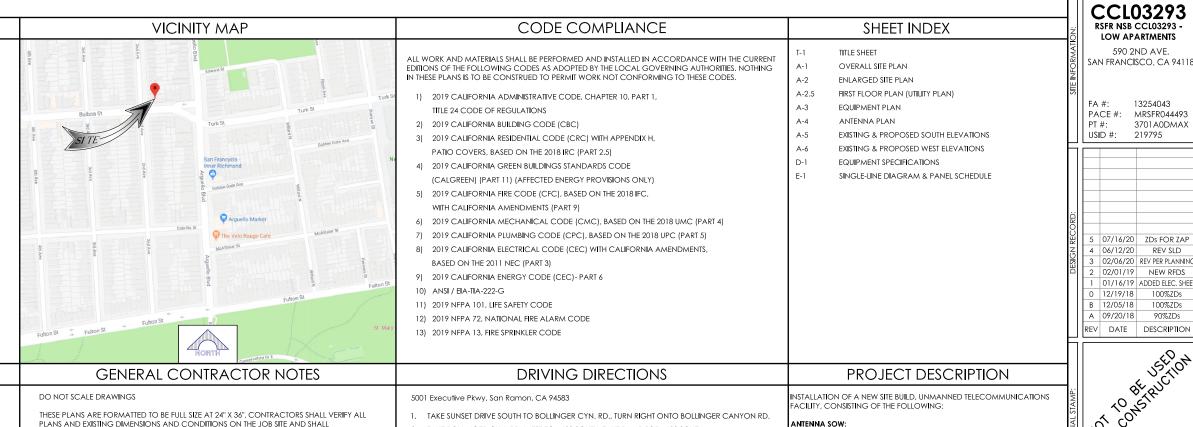
M: (562) 841-1264

ALL STATES ENGINEERING & SURVEYING

PHONE: (530) 966-2612 EMAIL: ALYSSA.BRANDTMAN@ATT.COM

STEVE KNAPPE | NSB CONSTRUCTION

EMAIL: sknappe@vinculums.com



### SITE INFORMATION

**PROJECT TEAM** 

HARRY LOW, THE LOW 1991 REVOCABLE TRUST 328 2ND AVE # 1, SAN FRANCISCO, CA 94118 PROPERTY OWNER:

PHONE: (415) 831-6730

PROJECT MANAGER:

CONTACT: MISAKO HILL

EMAIL: mhill@j5ip.com

PHONE: (415) 533-2540

SITE ACQUISITION:

CHRISTINE LINDSTRAND

PHONE: (916) 559-0359

J5 INFRASTRUCTURE PARTNERS

J5 INFRASTRUCTURE PARTNERS

MOBILE (415) 244-6730 EMAIL: HARRLOW@AOL.COM

JURISDICTION: CITY OF SAN FRANCISCO 1544-026 CURRENT ZONING: RM-2 - RESIDENTIAL/MIXED USE

EXISTING USE: APARTMENT BUILDING MULTIUSE, APARTMENTS/COMMS FACILITY

LATITUDE (NAD 83): 37 777576 37° 46' 39.27" NORTH

LONGITUDE (NAD 83): -122.459482 122° 27' 34.13" W

ACCESSIBILITY REQUIREMENTS: FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. ACCESSIBILITY IS NOT REQUIRED PER CBC2016, SECTION 11B-203.4 (LIMITED ACCESS SPACE)

POWER AGENCY:

TELEPHONE AGENCY:

REDS VERSION: 4.00

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.

#### GENERAL NOTES

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

#### **STATEMENTS**

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.

ANTENNA MOLINT 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.

- 2. TAKE BOLLINGER CYN. RD. WEST TO I-680 SOUTH, TAKE RAMP FOR I-680 SOUTH.
- 3. TAKE I-680 SOUTH ±4.2 MILES TO EXIT 30B FOR I-580 WEST TOWARD DUBLIN/OAKLAND.
- 4. TAKE I-580 WEST ±27.6 MILES TO EXIT 19A FOR I-80W. TAKE I-80 OVER THE BAY BRIDGE.
- 5. FROM THE BAY BRIDGE, TAKE EXIT 1B FOR US-101N, THEN CONTINUE ONTO OCTAVIA BLVD
- 6. TAKE OCTAVIA BLVD. TO A LEFT ONTO FELL ST., TAKE FELL ST. 1-1/2 MILES TO STANYAN ST.
- 7. TAKE THE 1ST LEFT ONTO FULTON ST., THEN THE 4TH RIGHT ONTO 2ND AVE.
- 8. SITE LOCATION IS ±1/4 MILE AHEAD ON THE RIGHT AT THE FAR, RIGHT CORNER AT BALBOA ST (590 2ND AVE.)

#### ANTENNA SOW

INSTALLATION OF (3) AT&T SECTORS WITHIN FRP ENCLOSURES ON ROOFTOP

- INSTALLATION OF (10) AT&T PANEL ANTENNAS
- INSTALLATION OF (21) AT&T REMOTE RADIO HEADS (RRH's) INSTALLATION OF (5) DC-9 SURGE SUPPRESSORS
- INSTALLATION OF (1) GPS ANTENNA
- PROPOSED AT&T HYBRID CABLE TRAYS FROM PROPOSED EQUIPMENT TO PROPOSED ANTENNAS

#### EQUIPMENT SOW:

- INSTALLATION OF (1) EMERSON DC POWER PLANT CABINET
- INSTALLATION OF (1) 200A AC POWER PANEL
- INSTALLATION OF (1) CIENA AND HOFEMAN BOX
- INSTALLATION OF (1) EMERSON BATTERY CABINET W/ (8) BATTERIES
- INSTALLATION OF (4) PURCELL FLX-WS16 STACK MOUNTED ON ROOF

TUSTIN, CALIFORNIA 92780

**15** INFRASTRUCTURE

2030 MAIN STREET, SUITE 200 IRVINE, CALIFORNIA 92614

23675 BIRTCHER DRIVE LAKE FOREST, CA 92630

RSFR NSB CCL03293 LOW APARTMENTS 590 2ND AVE.

13254043

219795

07/16/20 ZDs FOR ZAP

01/16/19 ADDED FLEC, SHEE

REV SLD

100%ZDs

100%ZDs

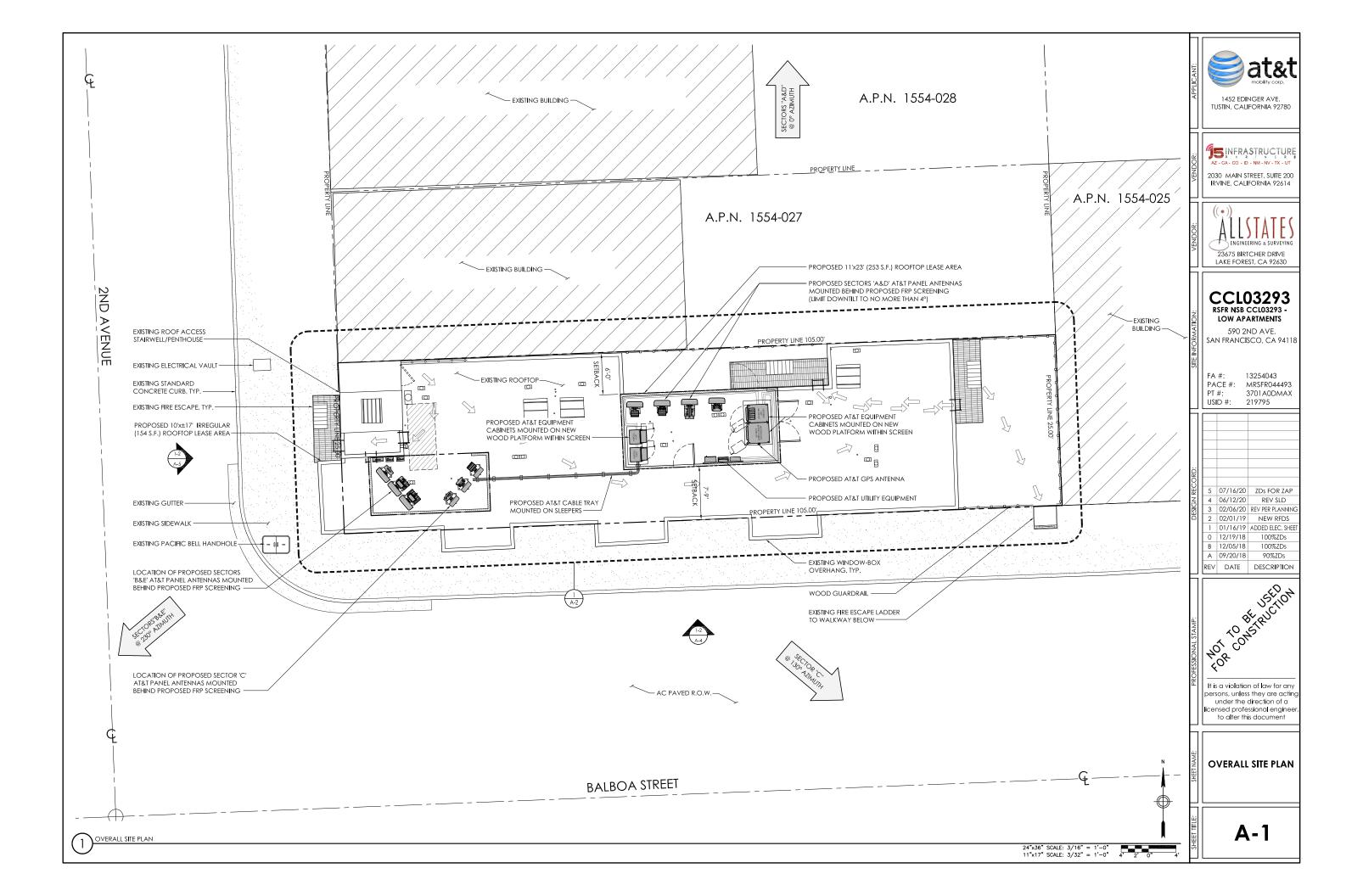
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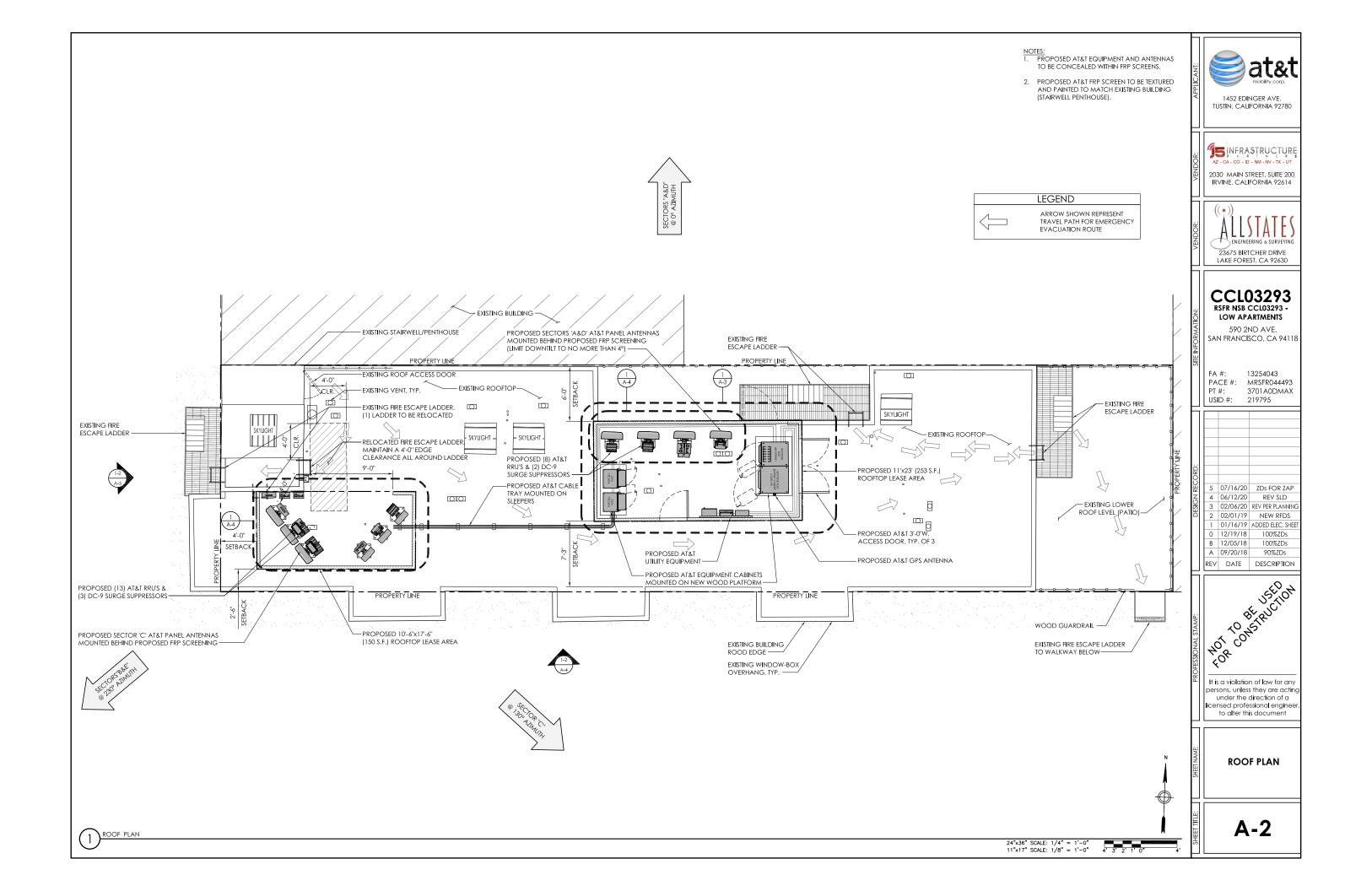
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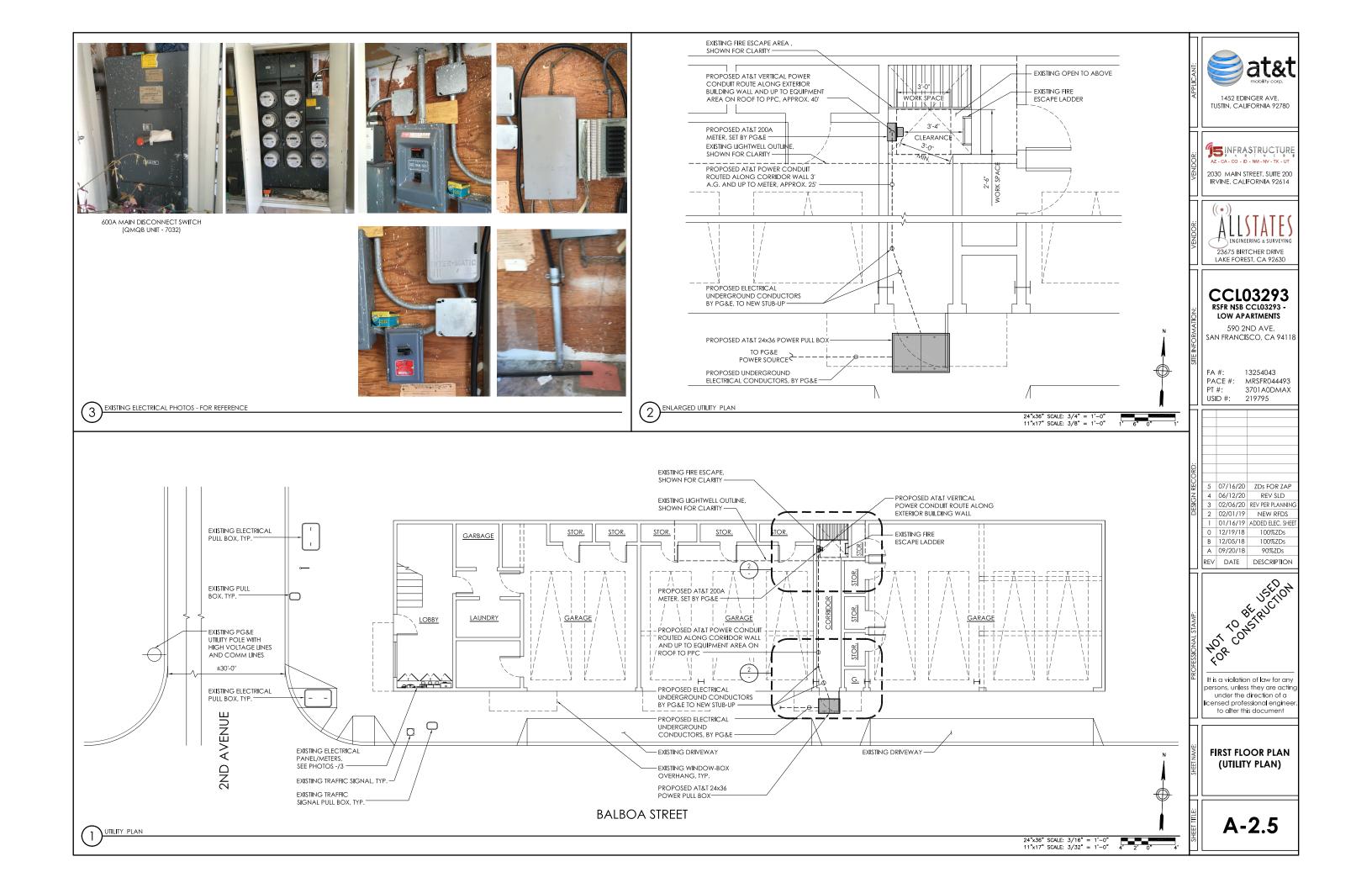
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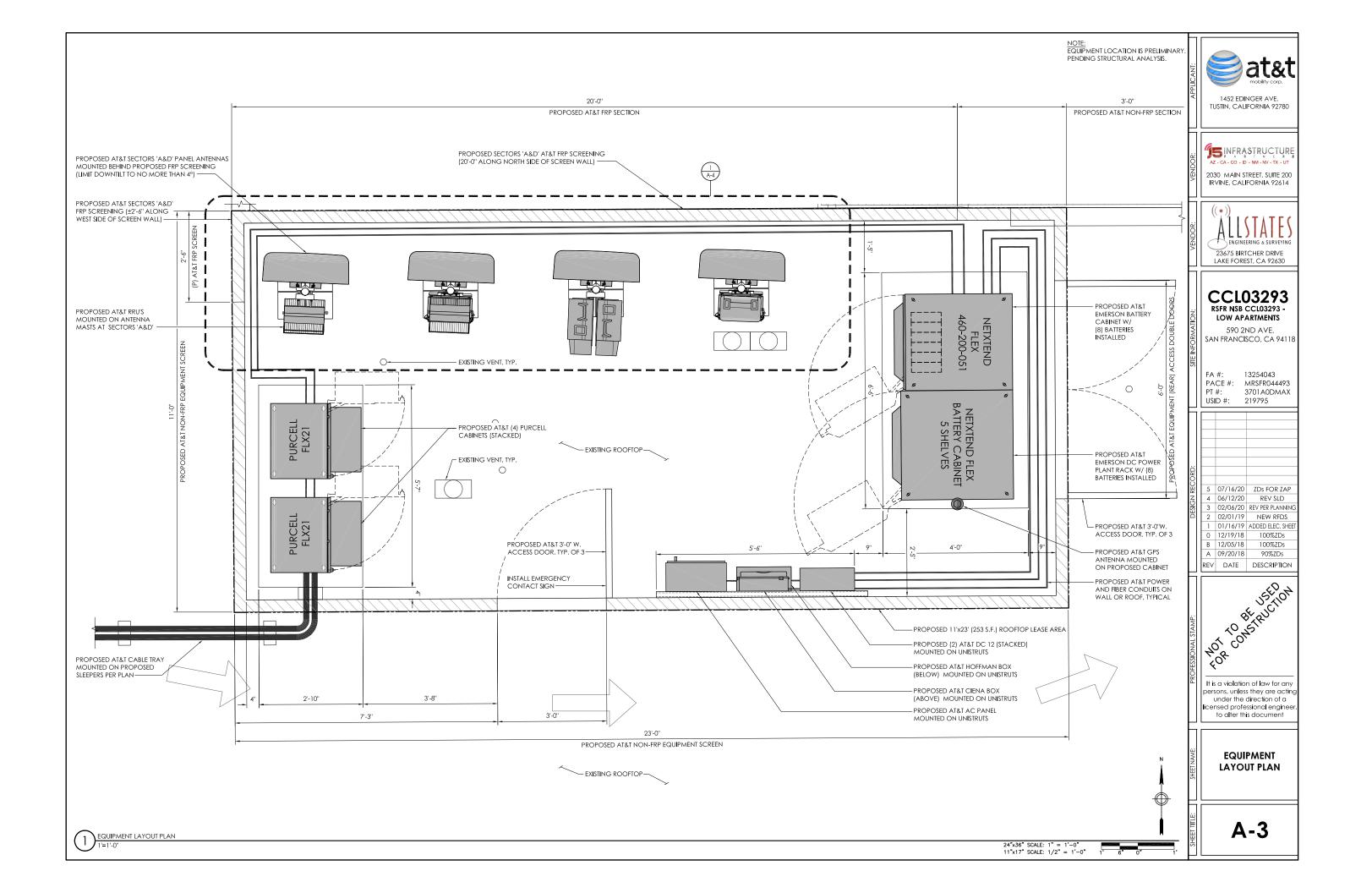
TITLE SHEET

T-1









C E	CTOR	RRU TYPE	RRU LOCATION (DISTANCE FROM ANTENNA)		MINIMUM CLEARANCES			
3E	CIOR	PROPOSED			ABOVE	BELOW	SIDES	
	POS.1	4449 B5/B12	UP	±10'-0"	16"	12"	8"	
_ ا	POS.1	8843 B25/B66A (SHARED W/ POS. 2 )	UP	±10'-0"	16"	12"	8"	
≦	POS.2	8843 B25/B66A (SHARED W/ POS. 1)	UP	±10'-0"	16"	12"	8"	
DEI	POS.3	RRUS-E2 B29	UP	±10'-0"	16"	12"	8"	
≩	POS.3	4415 B30	UP	±10'-0"	16"	12"	8"	
	POS.3	RRUS-E2 B29	UP	±10'-0"	16"	12"	8"	
∢	POS.3	4415 B30	UP	±10'-0"	16"	12"	8"	
	POS.4	4478 B14	UP ±10'-0"		16"	12"	8"	

C E/	CTOR	RRU TYPE	RRU LOCATION (distance from antenna)		MINIMUM CLEARANCES			
35	SIOK	PROPOSED			ABOVE	BELOW	SIDES	
	POS.1	4449 B5/B12	UP	±10'-0"	16"	12"	8"	
z	POS.1	8843 B25/B66A (SHARED W/ POS. 2 )	UP	±10'-0"	16"	12"	8"	
ĺ	POS.2	4478 B14	UP	±10'-0"	16"	12"	8"	
18	POS.2	8843 B25/B66A (SHARED W/ POS. 1)	UP	±10'-0"	16"	12"	8"	
\ VEP.	POS.3	RRUS-E2 B29	UP	±10'-0"	16"	12"	8"	
BET/	POS.3	4415 B30	UP	±10'-0"	16"	12"	8"	
l -	POS.3	RRUS-E2 B29	UP	±10'-0"	16"	12"	8"	
	POS.3	4415 B30	UP	±10'-0"	16"	12"	8"	

CE.	CTOR	RRU TYPE	RRU LOCATION (distance from antenna)		MINIMUM CLEARANCES		
35	CIOR	PROPOSED			ABOVE	BELOW	SIDES
	POS.1	4449 B5/B12	UP	±10'-0"	16"	12"	8"
I ≨	POS.1	8843 B2/B66A (SHARED W/ POS. 2)	UP	±10'-0"	16"	12"	8"
Ź	POS.2	4478 B14	UP	±10'-0"	16"	12"	8"
lδ	POS.3	RRUS-E2 B29	UP	±10'-0"	16"	12"	8"
	POS.3	4415 B30	UP	±10'-0"	16"	12"	8"

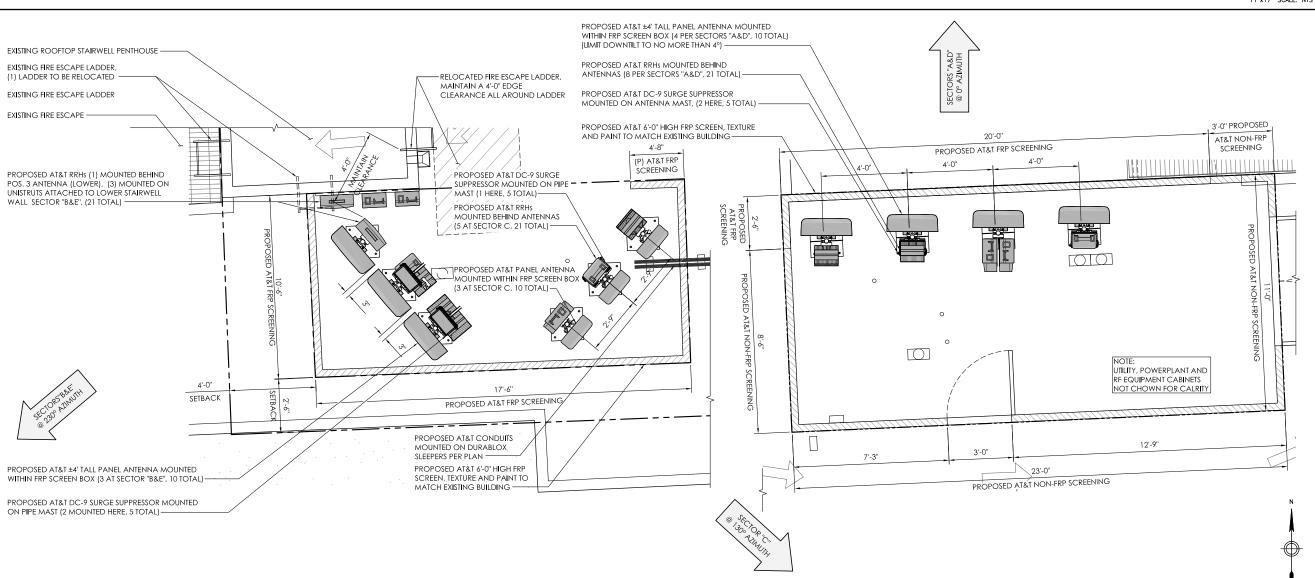
	FINAL ANTENNA AND TRANSMISSION CABLE REQUIREMENTS							
			ANTENNA		TRANSMISSION			
SEC	CTOR	TECHNOLOGY	MFR./MODEL#	SIZE	AZIMUTH	(LENGTH FT. +/-)		
			WII K!JWIOBEE II			FIBER LENGTH	FEEDER TYPE	PORT TOTAL FEEDS
82	POS. 1	LTE 700/850/PCS	CCI BSA-M65R-BUU-H4-K	4'-2"	0°	85'	FIBER	6
SECTORS "A"	POS. 2	LTE AWS	CCI BSA-M65R-BUU-H4-K	4'-2"	0°	85'	FIBER	4
l 🖁	POS. 3	B29/WCS	CCI BSA-M65R-BUU-H4-K	4'-2"	0°	85'	FIBER	6
SECTOR "D"	POS. 4	B14	CCI BSA-M65R-BUU-H4-K	4'-2"	0°	85'	FIBER	2
RS FI	POS. 1	LTE 700/850/PCS	CCI BSA-M65R-BUU-H4-K	4'-2"	230°	110'	FIBER	6
E 2	POS. 2	B14/AWS	CCI BSA-M65R-BUU-H4-K	4'-2"	230°	110'	FIBER	6
SEC.	POS. 3	B29/WCS	CCI BSA-M65R-BUU-H4-K	4'-2"	230°	110'	FIBER	6
R.	C1	LTE 700/850/PCS	COMMSCOPE NNHH-65A-R4	4'-7"	130°	110'	FIBER	6
SECTOR "C"	C2	B14/WCS	COMMSCOPE NNHH-65A-R4	4'-7"	130°	110'	FIBER	8
Š	C3	B29/WCS	COMMSCOPE NNHH-65A-R4	4'-7"	130°	110'	FIBER	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.

PROPOSED RF SCHEDULE
NTS

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



at&t

1452 EDINGER AVE. TUSTIN, CALIFORNIA 92780

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



# CCL03293 RSFR NSB CCL03293 LOW APARTMENTS

590 2ND AVE. SAN FRANC**I**SCO, CA 94118

SANTRANCISCO, CA 74110

FA #: 13254043 PACE #: MRSFR044493 PT #: 3701A0DMAX USID #: 219795

	ı			
RECORD				
8				
RE(		5	07/16/20	ZDs FOR ZAF
Z,		4	06/12/20	REV SLD
DESIGN		3	02/06/20	REV PER PLANNIN
Ö		2	02/01/19	NEW RFDS
		1	01/16/19	ADDED ELEC. SHE
		0	12/19/18	100%ZDs
		В	12/05/18	100%ZDs
		Α	09/20/18	90%ZDs
		REV	DATE	DESCRIPTION
	_			

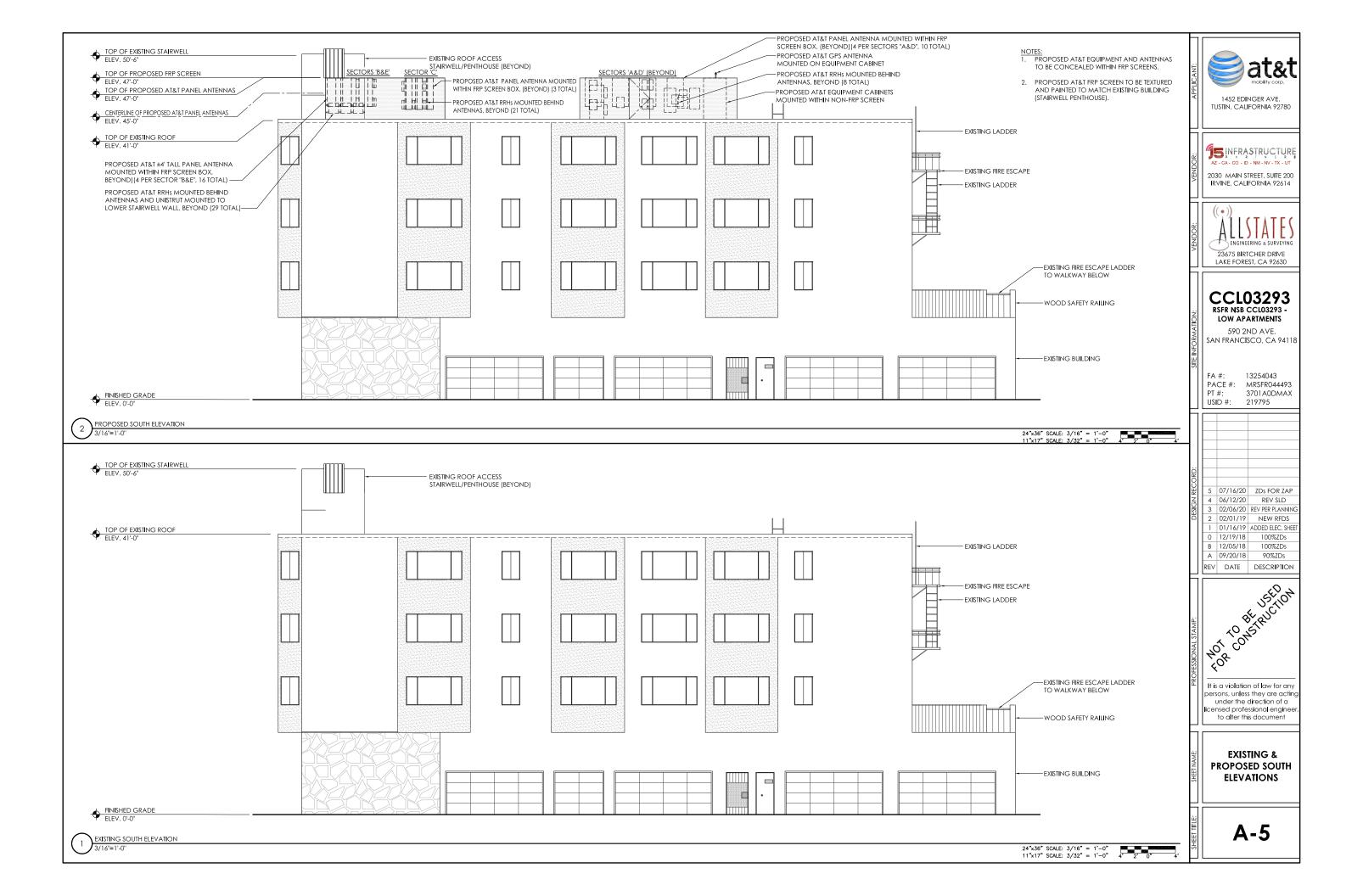


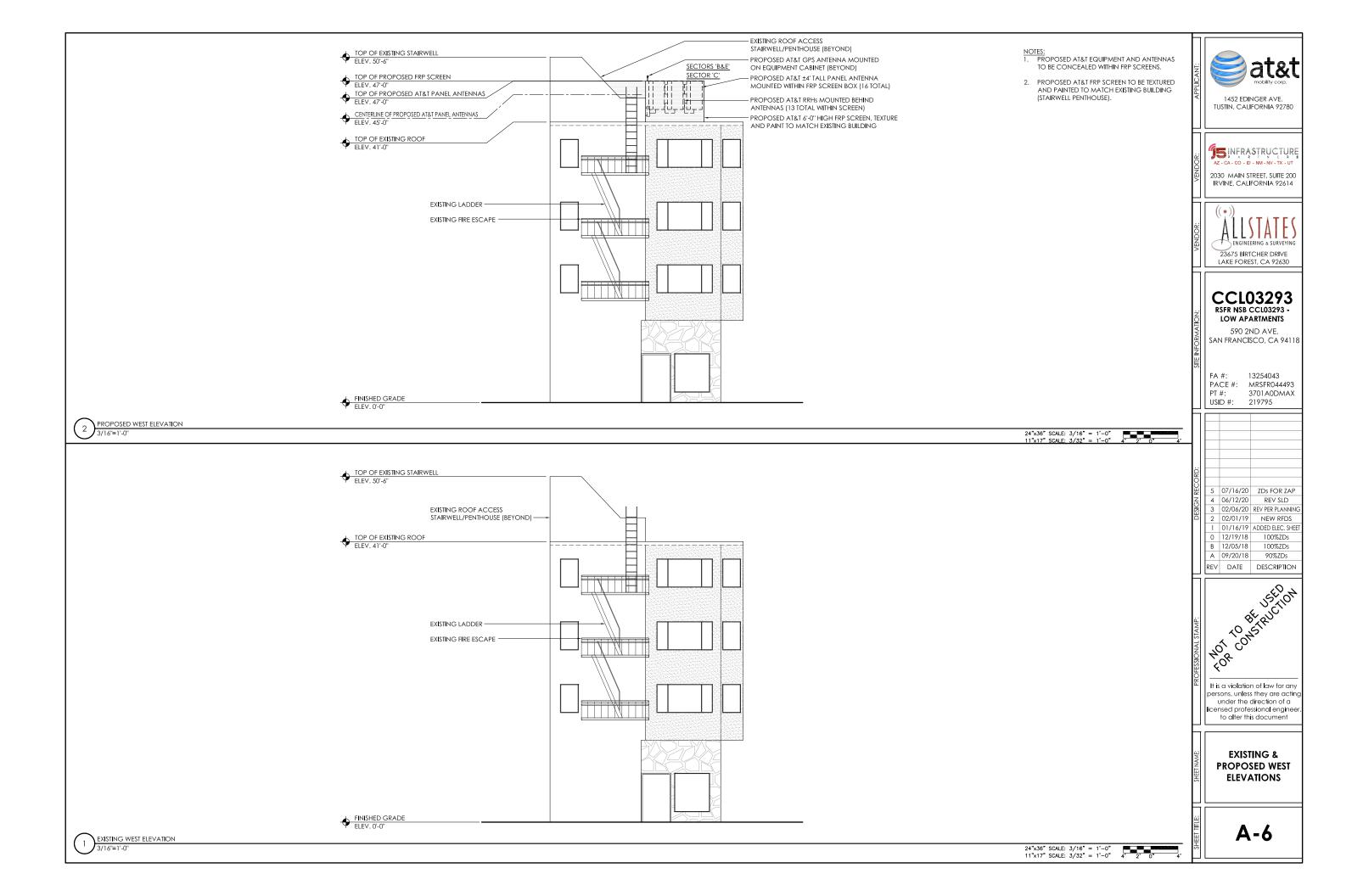
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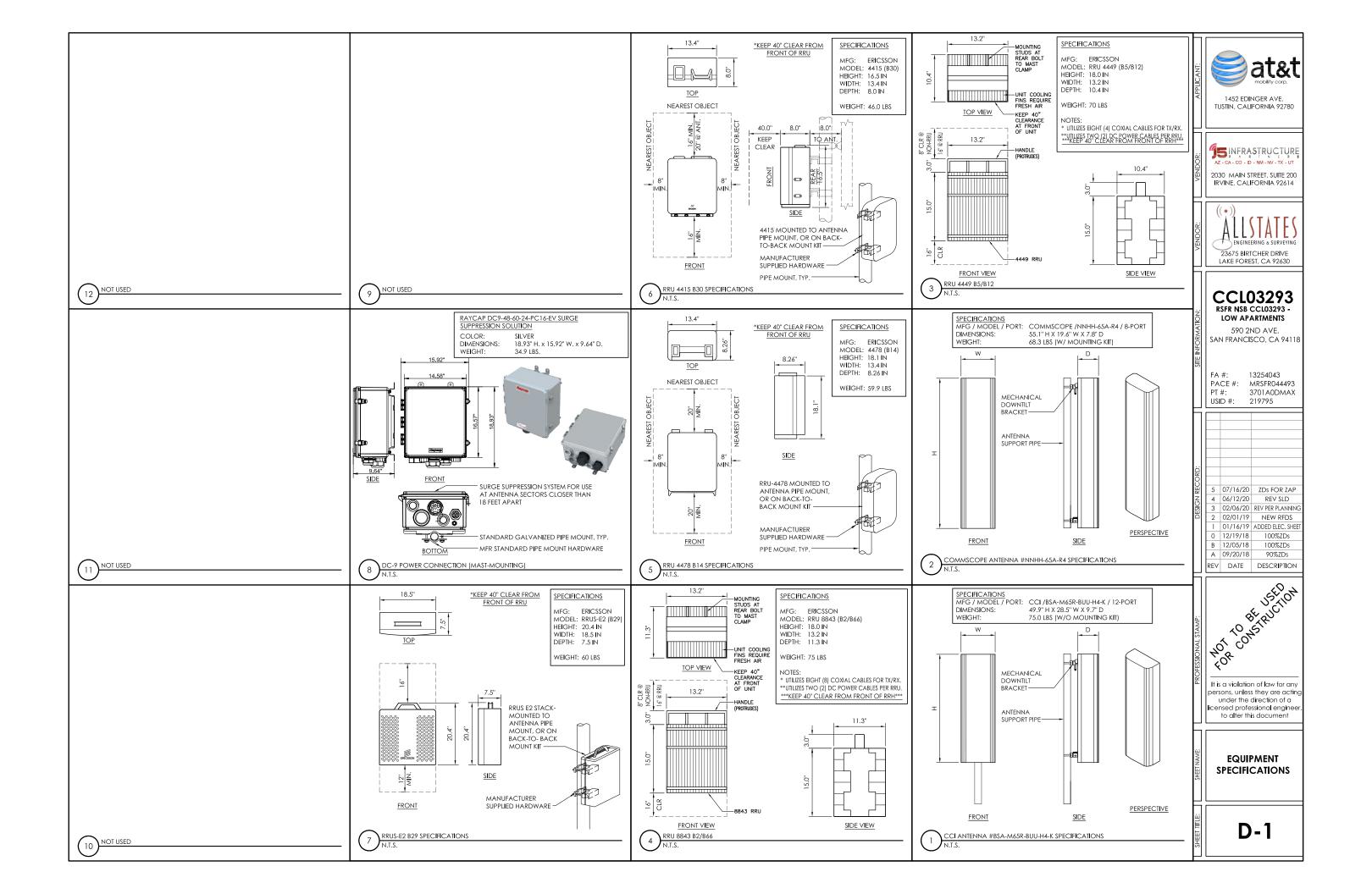
**ANTENNA PLAN** 

**A-4** 

24"x36" SCALE: 1/2" = 1'-0" 11"x17" SCALE: 1/4" = 1'-0"







NOTES:

1. ALL WORK TO CONFORM TO N.E.C. LATEST STATE

2. LABEL SERVICE DISCONNECT WITH A RED TAG.

3. SWITCH LEG CONDUCTORS SHALL BE THE SAME COLOR AS CIRCUIT CONDUCTORS.

4. PULL ONE GROUND CONDUCTOR PER FLEXIBLE NONMETALLIC CONDUIT. FOR ALL OTHER CIRCUITS PULL A SEPARATE CONDUCTOR.

5. ALL GFCI RECEPTACLES TO HAVE A DEDICATED

6. EQUIPMENT TERMINATION LUGS AND CONDUCTORS ARE RATED AT A MINIMUM OF 75°C.

CONDUIT REQUIREMENTS

- UNDERGROUND PVC (SCH 40 OR 80)

INDOOR: EMT (RGS IN TRAFFIC AREAS) Outdoor (ABOVE GRADE): RGS

8. LIGHTING IS DESIGNED AND INSTALLED BY SHELTER

ALL BREAKERS AND PANELS SHOWN ARE EXISTING UNLESS NOTED AS (N) NEW.

SEE SPECIFICATION FOR CONDUIT TYPE.

. ANICAL INTERLOCK

RU = RELAY TO MONITOR UTILITY POWER RG = RELAY TO MONITOR GENERATOR POWER

**ABBREVIATIONS:** 

BCW BTS BARE COPPER WIRE BASE TRANSCEIVER STATION

(E) EG EXISTING

EQUIPMENT GROUND

(F) FACP FIRE ALARM CONTROL PANEL

GENERATOR

ISOLATED GROUND
INTERMEDIATE METAL CONDUIT

LIQUID TIGHT FLEXIBLE METAL CONDUIT MILLION CIRCULAR MILLS MCM

MECHANICAL INTERLOCK MP&S SEE MECHANICAL PLANS &

SPECIFICATIONS

(N) NEMA NATIONAL ELECTRICAL

MANUFACTURER'S ASSOCIATION NIGHT LIGHT - FIXTURE TO BE

PROVISION FOR FUTURE BREAKER POLYVINYL CHLORIDE CONDUIT

RELOCATE

(R) RG RU TYP RELAY TO MONITOR GENERATOR POWER

RELAY TO MONITOR UTILITY POWER

TYPICAL

UNLESS OTHERWISE NOTED UON

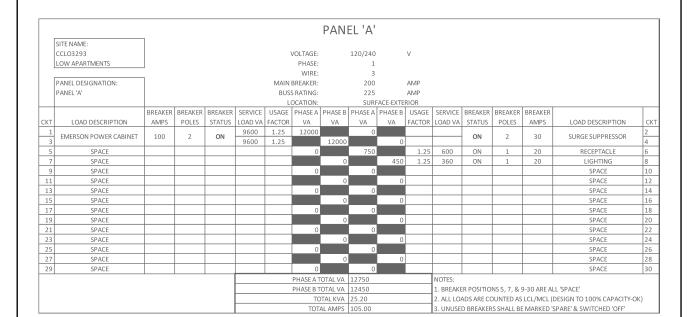
WEATHERPROOF
GROUND FAULT CIRCUIT INTERRUPTER GFCI

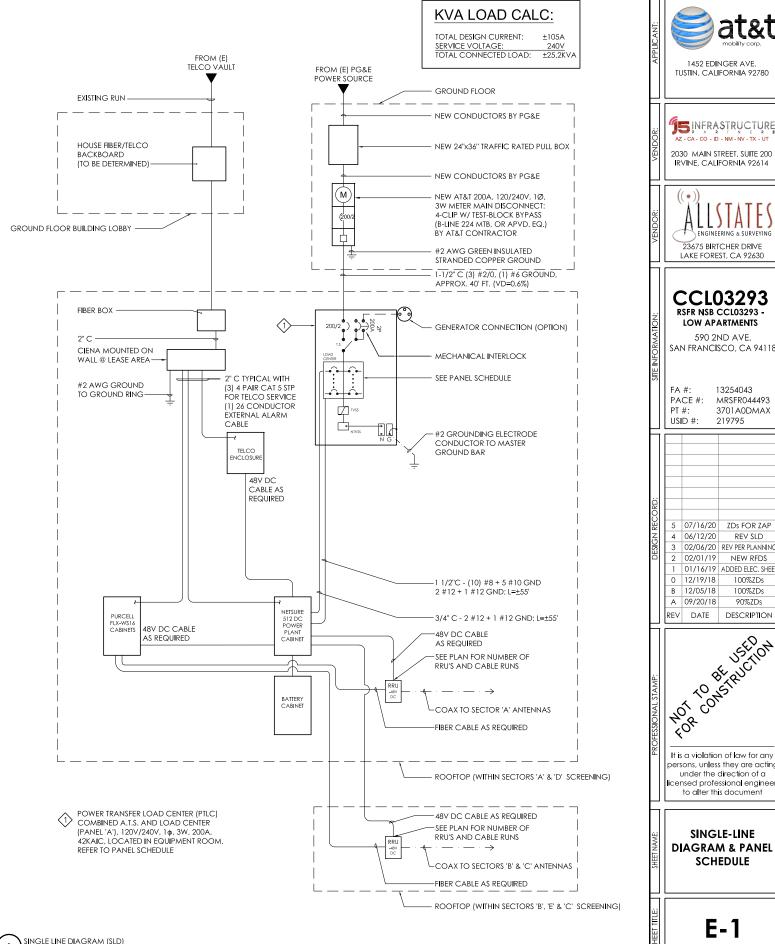
SYMBOLS INDICATED ABOVE MAY NOT

NECESSARILY APPEAR AS PART OF THESE DRAWINGS IF NOT REQUIRED.

3 ELECTRICAL NOTES

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





1452 EDINGER AVE.

- CA - CO - ID - NM - NV - TX - U

23675 BIRTCHER DRIVE

LOW APARTMENTS

590 2ND AVE.

13254043

219795

07/16/20 ZDs FOR ZAP

01/16/19 ADDED ELEC, SHEE

to alter this document

SINGLE-LINE

SCHEDULE

E-1

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

REV SLD

100%ZDs

100%ZDs

90%ZDs

3701A0DMAX





PHOTOSIMULATION INSTALL (12) PANEL ANTENNAS WITHIN PROPOSED FRP SCREENING ON EXISTING ROOFTOP







PHOTOSIMULATION INSTALL (12) PANEL ANTENNAS WITHIN PROPOSED FRP SCREENING ON EXISTING ROOFTOP







PHOTOSIMULATION INSTALL (12) PANEL ANTENNAS WITHIN PROPOSED FRP SCREENING ON EXISTING ROOFTOP









## **CEQA Categorical Exemption Determination**

### PROPERTY INFORMATION/PROJECT DESCRIPTION

Project Address			Block/Lot(s)		
590 C	590 02ND AVE		1544026		
Case	No.		Permit No.		
2019-015984PRJ					
Ac	ddition/ Demolition (requires HRE for		New		
Al	teration	Category B Building)	Construction		
- Red new / ten (1 Anter locate	Project description for Planning Department approval.  — Request for a Conditional Use Authorization, pursuant to Planning Code Sections 303 and 209.2, to install a new AT&T Mobility Macro Wireless Telecommunications Services Facility at rooftop consisting of installation of ten (10) panel antennas, and ancillary equipment as part of the AT&T Mobility Telecommunications Network.  Antennas and ancillary equipment will be screened within two (2) FRP enclosures. The subject property is located within the RM-2 ( Residential-Mixed, Moderate Density), and the 40-X Height and Bulk Districts.				
The p	P 1: EXEMPTIC project has been d CEQA).	letermined to be categorically exempt under the	California Environmental Quality		
	Class 1 - Existing Facilities. Interior and exterior alterations; additions under 10,000 sq. ft.				
		onstruction. Up to three new single-family resider rcial/office structures; utility extensions; change of a CU.			
	Class 32 - In-Fill Development. New Construction of seven or more units or additions greater than 10,000 sq. ft. and meets the conditions described below:  (a) The project is consistent with the applicable general plan designation and all applicable general plan policies as well as with applicable zoning designation and regulations.  (b) The proposed development occurs within city limits on a project site of no more than 5 acres substantially surrounded by urban uses.  (c) The project site has no value as habitat for endangered rare or threatened species.  (d) Approval of the project would not result in any significant effects relating to traffic, noise, air quality, or water quality.  (e) The site can be adequately served by all required utilities and public services.  FOR ENVIRONMENTAL PLANNING USE ONLY				
	Class				

#### **STEP 2: CEQA IMPACTS**

#### TO BE COMPLETED BY PROJECT PLANNER

	<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)
	Hazardous Materials: If the project site is located on the Maher map or is suspected of containing hazardous materials (based on a previous use such as gas station, auto repair, dry cleaners, or heavy manufacturing, or a site with underground storage tanks): Would the project involve 50 cubic yards or more of soil disturbance - or a change of use from industrial to residential?  Note that a categorical exemption shall not be issued for a project located on the Cortese List if the applicant presents documentation of enrollment in the San Francisco Department of Public Health (DPH) Maher program, a DPH waiver from the Maher program, or other documentation from Environmental Planning staff that hazardous material effects would be less than significant (refer to EP_ArcMap > Maher layer).
	<b>Transportation:</b> Does the project involve a child care facility or school with 30 or more students, or a location 1,500 sq. ft. or greater? 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?
	Archeological Resources: Would the project result in soil disturbance/modification greater than two (2) feet below grade in an archeological sensitive area or eight (8) feet in a non-archeological sensitive area? If yes, archeo review is required (refer to EP_ArcMap > CEQA Catex Determination Layers > Archeological Sensitive Area)
	Subdivision/Lot Line Adjustment: Does the project site involve a subdivision or lot line adjustment on a lot with a slope average of 20% or more? (refer to EP_ArcMap > CEQA Catex Determination Layers > Topography). If yes, Environmental Planning must issue the exemption.
	Slope = or > 25%: Does the project involve any of the following: (1) square footage expansion greater than 500 sq. ft. outside of the existing building footprint, (2) excavation of 50 cubic yards or more of soil, (3) new construction? (refer to EP_ArcMap > CEQA Catex Determination Layers > Topography) If box is checked, a geotechnical report is required and Environmental Planning must issue the exemption.
	Seismic: Landslide Zone: Does the project involve any of the following: (1) square footage expansion greater than 500 sq. ft. outside of the existing building footprint, (2) excavation of 50 cubic yards or more of soil, (3) new construction? (refer to EP_ArcMap > CEQA Catex Determination Layers > Seismic Hazard Zones) If box is checked, a geotechnical report is required and Environmental Planning must issue the exemption.
	Seismic: Liquefaction Zone: Does the project involve any of the following: (1) square footage expansion greater than 500 sq. ft. outside of the existing building footprint, (2) excavation of 50 cubic yards or more of soil, (3) new construction? (refer to EP_ArcMap > CEQA Catex Determination Layers > Seismic Hazard Zones) If box is checked, a geotechnical report will likely be required and Environmental Planning must issue the exemption.
Com	ments and Planner Signature (optional): Ashley Lindsay

#### STEP 3: PROPERTY STATUS - HISTORIC RESOURCE TO BE COMPLETED BY PROJECT PLANNER PROPERTY IS ONE OF THE FOLLOWING: (refer to Property Information Map) Category A: Known Historical Resource. GO TO STEP 5. Category B: Potential Historical Resource (over 45 years of age). GO TO STEP 4. Category C: Not a Historical Resource or Not Age Eligible (under 45 years of age). GO TO STEP 6. STEP 4: PROPOSED WORK CHECKLIST TO BE COMPLETED BY PROJECT PLANNER Check all that apply to the project. 1. Change of use and new construction. Tenant improvements not included. 2. Regular maintenance or repair to correct or repair deterioration, decay, or damage to building. 3. Window replacement that meets the Department's Window Replacement Standards. Does not include storefront window alterations. 4. Garage work. A new opening that meets the Guidelines for Adding Garages and Curb Cuts, and/or replacement of a garage door in an existing opening that meets the Residential Design Guidelines. 5. Deck, terrace construction, or fences not visible from any immediately adjacent public right-of-way. 6. Mechanical equipment installation that is not visible from any immediately adjacent public right-of-way. 7. Dormer installation that meets the requirements for exemption from public notification under Zoning Administrator Bulletin No. 3: Dormer Windows. 8. Addition(s) that are not visible from any immediately adjacent public right-of-way for 150 feet in each direction; does not extend vertically beyond the floor level of the top story of the structure or is only a single story in height; does not have a footprint that is more than 50% larger than that of the original building; and does not cause the removal of architectural significant roofing features. Note: Project Planner must check box below before proceeding. Project is not listed. GO TO STEP 5. Project does not conform to the scopes of work. GO TO STEP 5. Project involves four or more work descriptions. GO TO STEP 5. Project involves less than four work descriptions. GO TO STEP 6. STEP 5: CEQA IMPACTS - ADVANCED HISTORICAL REVIEW TO BE COMPLETED BY PROJECT PLANNER Check all that apply to the project. 1. Project involves a known historical resource (CEQA Category A) as determined by Step 3 and conforms entirely to proposed work checklist in Step 4. 2. Interior alterations to publicly accessible spaces. 3. Window replacement of original/historic windows that are not "in-kind" but are consistent with existing historic character. 4. Façade/storefront alterations that do not remove, alter, or obscure character-defining features.

5. Raising the building in a manner that does not remove, alter, or obscure character-defining

6. Restoration based upon documented evidence of a building's historic condition, such as historic

中文詢問請電: 415.575.9010 en Español llamar al: 415.575.9010

photographs, plans, physical evidence, or similar buildings.

features.

	7. Addition(s), including mechanical equipment that are minimall and meet the Secretary of the Interior's Standards for Rehabilitation	· · · · · · · · · · · · · · · · · · ·			
	8. <b>Other work consistent</b> with the Secretary of the Interior Stand Properties (specify or add comments):				
	Other work that would not materially impair a historic district (s	specify or add comments):			
	(Requires approval by Senior Preservation Planner/Preservation	Coordinator)			
	10. Reclassification of property status. (Requires approval by S	Senior Preservation			
	Planner/Preservation	_			
	Reclassify to Category A	Reclassify to Category C			
	a. Per HRER or PTR dated	(attach HRER or PTR)			
	b. Other (specify):				
	Note: If ANY box in STEP 5 above is checked, a Prese	rvation Planner MUST sign below.			
	<b>Project can proceed with categorical exemption review</b> . The property of the property of the project can proceed with categorical exemption.				
	ents (optional): nical equipment on roof				
Preser	vation Planner Signature: Natalia Kwiatkowska				
	EP 6: CATEGORICAL EXEMPTION DETERMINATION BE COMPLETED BY PROJECT PLANNER				
	No further environmental review is required. The project is call there are no unusual circumstances that would result in a rea effect.				
	Project Approval Action:	Signature:			
	Planning Commission Hearing	Ashley Lindsay			
		05/20/2020			
	Once signed or stamped and dated, this document constitutes a categorical exem 31of the Administrative Code.  In accordance with Chapter 31 of the San Francisco Administrative Code, an approximate the code of the Chapter 31 of the San Francisco Administrative Code, and approximate the code of the Chapter 31 of the San Francisco Administrative Code, and approximate the code of the Chapter 31 of the San Francisco Administrative Code, and approximate the code of the Chapter 31 o				
	filed within 30 days of the project receiving the 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.

#### **MODIFIED PROJECT DESCRIPTION**

Modi	Modified Project Description:				
DE	TERMINATION IF PROJECT (	CONSTITUTES SUBSTANTIAL MODIFICATION			
Com	pared to the approved project, w	ould the modified project:			
	Result in expansion of the buil	ding envelope, as defined in the Planning Code;			
	Result in the change of use the Sections 311 or 312;	at would require public notice under Planning Code			
	Result in demolition as defined	d under Planning Code Section 317 or 19005(f)?			
	•	nted that was not known and could not have been known			
	at the time of the original deter no longer qualify for the exemp	mination, that shows the originally approved project may otion?			
If at I	east one of the above boxes is	checked, further environmental review is required.			
DET	ERMINATION OF NO SUBSTA	NTIAL MODIFICATION			
	The proposed modification wo	uld not result in any of the above changes.			
		ons are categorically exempt under CEQA, in accordance with prior project			
website	e and office and mailed to the applicant	ew is required. This determination shall be posted on the Planning Department , City approving entities, and anyone requesting written notice. In accordance			
	with Chapter 31, Sec 31.08j of the San Francisco Administrative Code, an appeal of this determination can be filed within 10 days of posting of this determination.				
Plan	ner Name:	Date:			



### **Land Use Information\***

PROJECT ADDRESS: 590 02ND AVE RECORD NO.: 2019-015984CUA

	EXISTING	PROPOSED	NET NEW
	GROSS SQUARE FO	DOTAGE (GSF)	1
Parking GSF			
Residential GSF	6750	0	6750
Retail/Commercial GSF			
Office GSF			
Industrial/PDR GSF			
Production, Distribution, & Repair  Medical GSF			
Visitor GSF			
CIE GSF			
Usable Open Space			
Public Open Space			
Other (			
TOTAL GSF	6750	0	6750
	EVICTING	NET NEW	
	EXISTING	NET NEW	TOTALS
	PROJECT FEATURES (		TOTALS
Dwelling Units - Affordable			TOTALS
Dwelling Units - Affordable  Dwelling Units - Market Rate			TOTALS
-			TOTALS
Dwelling Units - Market Rate			TOTALS
Dwelling Units - Market Rate  Dwelling Units - Total			TOTALS
Dwelling Units - Market Rate  Dwelling Units - Total  Hotel Rooms			TOTALS
Dwelling Units - Market Rate  Dwelling Units - Total  Hotel Rooms  Number of Buildings			TOTALS
Dwelling Units - Market Rate  Dwelling Units - Total  Hotel Rooms  Number of Buildings  Number of Stories			TOTALS
Dwelling Units - Market Rate  Dwelling Units - Total  Hotel Rooms  Number of Buildings  Number of Stories  Parking Spaces			TOTALS
Dwelling Units - Market Rate  Dwelling Units - Total  Hotel Rooms  Number of Buildings  Number of Stories  Parking Spaces  Loading Spaces			TOTALS

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

Reception: **415.558.6378** 

Fax:

415.558.6409

Planning Information: **415.558.6377** 

	EXISTING	PROPOSED	NET NEW			
	LAND USE - RESIDENTIAL					
Studio Units						
One Bedroom Units						
Two Bedroom Units						
Three Bedroom (or +) Units						
Group Housing - Rooms						
Group Housing - Beds						
SRO Units						
Micro Units						
Accessory Dwelling Units						

<sup>\*</sup>This Land Use Table includes only information related to the installation of a wireless telecommunications facility use. This table does not include information about the entire building.











#### 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. CCL03293) proposed to be located at 590 Second Avenue 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:

	Transmit	"Uncontrolled"	Occupational Limit
Wireless Service Band	Frequency	Public Limit	(5 times Public)
Microwave (point-to-point)	1–80 GHz	$1.0 \text{ mW/cm}^2$	$5.0 \text{ mW/cm}^2$
Millimeter-wave	24–47	1.0	5.0
Part 15 (WiFi & other unlicensed)	2–6	1.0	5.0
BRS (Broadband Radio)	2,490 MHz	1.0	5.0
WCS (Wireless Communication)	2,305	1.0	5.0
AWS (Advanced Wireless)	2,110	1.0	5.0
PCS (Personal Communication)	1,930	1.0	5.0
Cellular	869	0.58	2.9
SMR (Specialized Mobile Radio)	854	0.57	2.85
700 MHz	716	0.48	2.4
[most restrictive frequency range]	30-300	0.20	1.0

#### Checklist

Reference has been made to information provided by AT&T, including zoning drawings by All States Engineering and Surveying, dated February 1, 2019. 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. <u>The location, identity, and total number of all operational radiating antennas installed at this site.</u>
  There are reported no wireless base stations installed at the site.
- 2. <u>List all radiating antennas located within 100 feet of the site that could contribute to the cumulative radio frequency energy at this location.</u>

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



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

AT&T proposes to install three CommScope Model NNHH-65A and seven CCI Model BSA-M65R-BUU-H4 directional panel antennas. The CCI antennas would be mounted at an effective height of about 45 feet above ground, 4 feet above the roof, would be oriented in groups of four and three toward 0°T and 230°T, and would employ up to 4° and 14° downtilt, respectively. The three CommScope antennas would be mounted at an effective height of about 45 feet above ground, 4 feet above the roof, would be oriented toward 120°T, and would employ up to 16° downtilt.

5. <u>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.</u>

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. <u>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.</u>

The maximum effective radiated power proposed by AT&T in any direction would be 18,870 watts, representing simultaneous operation at 3,210 watts for WCS, 5,280 watts for AWS, 4,620 watts for PCS, 1,800 watts for cellular, and 3,960 watts for 700 MHz service.

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

The maximum calculated level at any nearby building is 98% of the public exposure limit; this occurs at the roof of the three-story residences located adjacent to the north.

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 0.18 mW/cm², which is 22% of the applicable public exposure limit. Cumulative RF

is calculated to be  $0.18 \, \text{mW/cm}^2$ , which is 23% 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 90 and 39 feet out from the antenna faces, respectively, and to much lesser distances above, below, and to the sides; this does not reach any publicly accessible areas.



10. <u>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.</u>

It is recommended that barricades be erected, as shown in Figure 1, to preclude inadvertent access by unauthorized persons to areas in front of the antennas. It is recommended that measurements be conducted at the adjacent building to the north when the base station is in operation to assess actual exposure levels there, and to develop at that time any appropriate compliance measures.

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 39 feet directly in front of the AT&T antennas themselves, such as might occur during certain maintenance activities, should be allowed while the base station is in operation, unless other measures can be demonstrated to ensure that occupational protection requirements are met. It is recommended that "Worker Notification Areas" be marked with yellow paint stripes and that "Prohibited Access Areas" be marked with red paint stripes on the roof of the building, as shown in Figure 1, to identify areas within which exposure levels are calculated to exceed the FCC public and occupational limits, respectively. It is recommended that explanatory signs\* be posted at the barricades, at edges of the striped areas, on the screens in front of the antennas, and at the antennas, readily visible from any angle of approach to persons who might need to work within that distance.

#### 11. Statement of authorship and qualification.

The undersigned author of this statement is a qualified Professional Engineer, holding California Registration Nos. E-13026 and M-20676, which expire on June 30, 2019. This work has been carried out under his direction, and all statements are true and correct of his own knowledge except, where noted, when data has been supplied by others, which data he believes to be correct.

<sup>\*</sup> 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.



#### 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 590 Second Avenue 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 and taking measurements are 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.

April 19, 2019



William F. Hammett, P.E.

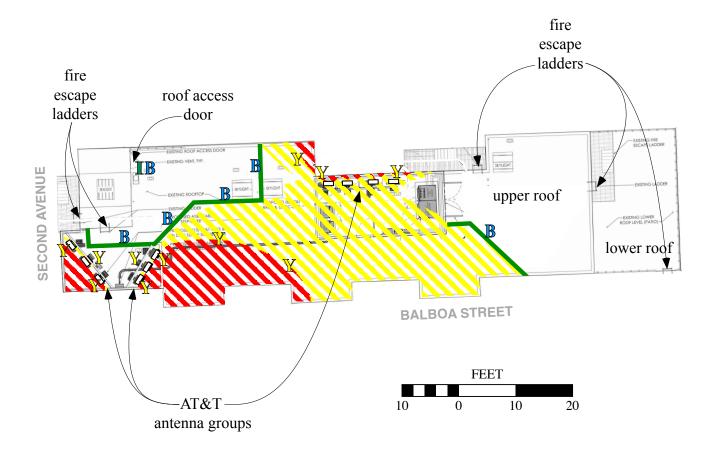
707/996-5200

#### Calculated RF Exposure Levels on Roof

#### **Recommended Mitigation Measures**

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





Notes: See text.

Base drawing by All States Engineering and Surveying, dated February 1, 2019. 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	<b>I</b> - Green INFORMATION	<b>B</b> -Blue NOTICE	Y- Yellow CAUTION	O- Orange WARNING	
Barricades shown as green lines					



# TO COUNTY OF SAME AND SAME AND

#### San Francisco City and County Department of Public Health

#### Environmental Health Branch

London Breed, Mayor Grant Colfax, MD, Director of Health

Stephanie K.J. Cushing, MSPH, CHMM, REHS Director of Environmental Health

#### **Review of Cellular Antenna Site Proposals**

Project	t Sponsor : $AT$	&T Wireless	Plan	nner: Ashley Lindsay	
RF En	gineer Consultant	t: <u>Hammett &amp; E</u>	dison	Phone Number:	(707) 996-5200
Projec	t Address/Locatio	on: 590 02ND Av			
Site ID	: 3373	SiteNo.:	CCL03293	Report Dated:	4/19/2019
requiren		in the San Francisco F		of this project can be made. t Wireless Telecommunicati	
	•	approval of this projectionsure that all requirement		d that the project sponsor re	view this document before
	(WTS-FSG, Section	10.4.1, Section 11, 2b)	)	ing antennas installed at this	s site was provided.
	A list of all radiating	antennas located with this location was provided No	in 100 feet of the sit	e which could contribute to ection 10.5.2)	the cumulative radio
		on of the proposed wor e final installation draw • No		as provided. The description Section 10)	n should be consistent with
	The antenna inventor		ed installation heigh	g equipment being installed t above the nearest walking/ FSG, Section 10.5.2)	
	antennas and at grou		A description of a	ent at the nearest walking/wo ny assumptions made when o ection 10.5)	
		ive radiated power per ntennas. (WTS-FSG, S		osed installation was provide on 10.5.1)	ed along with the frequency
	Maximum Eff	ective Radiated Power	18870 Watts		
	publicly accessible b	uilding or area was pro	ovided. (WTS-FSG	dicted radio frequency ener , Section 10.4, Section 10.5	1)
	· ·	rcent of applicable FC0 nis nearby building or s	•	the nearest building or structure.  feet	cture: <b>98</b> %
	(WTS-FSG, Section	10.5)	2	the proposed site at ground	

_X	and occupational exposure limit is calculated to	asional perimeter of the radio frequency energy level equal to the public extend from the face of the antennas was provided. Any potential standards were identified. (WTS-FSG, Section 10.9.2)
	<ul><li>Public Exclusion Area</li><li>Occupational Exclusion Area</li></ul>	Public Exclusion In Feet: 90 Occupational Exclusion In Feet: 39
<u>X</u>	of any existing or proposed warning signs, bar	access to the antennas was provided. A description was also provided ricades, barriers, rooftop stripping or other safety precautions for red by any applicable FCC-adopted standards. All signs will be TTS-FSG, Section 9.5, Section 10.9.2)
X	is licensed in the State of California. (WTS-F	ed the report and their qualifications was provided. The engineer SG, Section 11,8)
<u>X</u>	comply with the current Federal Communication	I the following staff believes that the project proposal will on Commission safety standards for radiofrequency radiation proval of the subsequent Project Implementation Report is mendations by project consultant and DPH.
	were around 1% of the FCC public exposure limit. No other an 10 new antennas. The antennas are mounted at a height of 45 from the proposed AT&T Wireless transmitters at ground level The three dimensional perimeter of RF levels equal to the public Warning signs must be posted at the antennas and roof acces 39 feet of the front of the antennas while they are in operation. measurements shall be taken at the site and the building to the Areas" shall be marked with yellow paint stripes and that "Proliferations".	talled on the roof top of the building at 590 02ND Av. Existing RF levels at ground level tennas were observed within 100 feet of this site. AT&T Wireless proposes to install feet above the ground and 4 feet above the roof. The estimated ambient RF field is calculated to be 0.18 mW/sq cm., which is 23 % of the FCC public exposure limit. lic exposure limit extends 90 feet and does not reach any publicly accessible areas. s points in English, Spanish and Chinese. Workers should not have access to within Barricades shall be installed as noted in Figure 1 of the RF report. In addition, a north to ensure compliance with the FCC Public Standard. "Worker Notification hibited Access Areas" shall be marked with red paint stripes on the roof of the building, which exposure levels are calculated to exceed the FCC public and occupational limits.
	_Not Approved, additional information required.	
	Not Approved, does not comply with Federal Contraction radiofrequency radiation exposure. FCC Standard Hours spent reviewing	
		previous charges, to be received at time of receipt by Sponsor)
	Signed:	Dated: 7/19/2019
	Arthur Duque  Environmental Health Management Section San Francisco Dept. of Public Health 1390 Market St., Suite 210	on

San Francisco, CA. 94102 (415) 252-3966



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
MANAS REDDY
M. DANIEL RO

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

DANE E. ERICKSEN, P.E.

CONSULTANT

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

April 19, 2019

Ms. Misako Hill Senior Project Manager/Zoning Specialist J5 Infrastructure Partners 2030 Main Street, Suite 1300 Irvine, California 92614

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 590 Second Avenue (Site No. CCL03293). 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 indoor coverage.

AT&T proposes to install three CommScope Model NNHH-65A and seven CCI Model BSA-M65R-BUU-H4 directional panel antennas. The CCI antennas would be mounted at an effective height of about 45 feet above ground, 4 feet above the roof, would be oriented in groups of three and four toward 0°T and 230°T, and would employ up to 4° and 14° downtilt, respectively. The three CommScope antennas would be mounted at an effective height of about 45 feet above ground, 4 feet above the roof, would be oriented toward 120°T, and would employ up to 16° downtilt. The maximum effective radiated power proposed by AT&T in any direction would be 18,870 watts, representing simultaneous operation at 3,210 watts for WCS, 5,280 watts for AWS, 4,620 watts for PCS, 1,800 watts for cellular, and 3,960 watts for 700 MHz service.

AT&T provided for review two coverage maps, dated March 21, 2019, attached for reference. The maps show AT&T's 4G LTE indoor coverage in the area <u>before</u> and <u>after</u> the site is operational. Both the before and after maps show three levels of coverage, which AT&T colors and defines as follows:

Delivery:

e-mail: bhammett@h-e.com

2: 470 Third Street West • Sonoma, California 95476

Telephone: 707/996-5200 San Francisco • 707/996-5280 Facsimile • 202/396-5200 D.C.

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 outdoor service thresholds that AT&T uses to estimate indoor service 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 4G signal strength in the vicinity of the proposed site. Our fieldwork was conducted on January 17, 2019, between 9:50 AM and 10:40 AM, 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 4G LTE coverage map showing the service area without the proposed installation includes areas of relatively weak signal levels in the carrier's present indoor 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.

M-20676

Sincerely yours,

William F. Hammett, P.E

scn

Enclosures



BY E-MAIL DTURNER@J5IP.COM

March 17, 2020

Mr. Derek Turner J5 Infrastructure Partners 2030 Main Street, Suite 200 Irvine, California 92614 WILLIAM F. HAMMETT, P.E.
RAJAT MATHUR, P.E.
ROBERT P. SMITH, JR.
ANDREA L. BRIGHT, P.E.
NEIL J. OLIJ, P.E.
MANAS REDDY, P.E.
BRIAN F. PALMER
M. DANIEL RO

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

DANE E. ERICKSEN, P.E.

CONSULTANT

Dear Derek:

As requested, we have reviewed the options you sent us for the proposed AT&T base station, to be sited on the roof of the residential building at 590 Second Avenue in San Francisco.

As we indicated in earlier analyses, the primary issue that needs to be addressed from an RF compliance standpoint is access to the fire escape ladders at various locations on the roof. The San Francisco Fire Department requires a 4-foot clearance from roof access locations to fire escapes. This limits what sections of the roof can be barricaded and striped, as required by the FCC and the City.

Option 2 on the figure you sent from All States would <u>not</u> comply with the compliance requirements. As shown in the attached Figure 1, due to the setback from the edge of the roof for both the Sector B/E and Sector C antennas, the resulting striping and barricades needed would extend across the breadth of the roof, blocking access from the roof access door on the northwest to the fire escape ladder on the west edge of the roof. The reason that the Sector A/D antennas do not have this issue is that they are up against the north edge of the building, so there is no roof space in front of them for striping to become an issue.

We hope this addresses the feasibility of Option 2. Please let us know if you have any further questions.

Sincerely yours,

William F. Hammett, P.E

lw

Attachment

cc: Mr. Edwin Aviles – BY EMAIL EA5477@ATT.COM

Mr. Evan Wynns – BY EMAIL EWYNNS@J5IP.COM

Ms. Misako Hill - BY EMAIL MHILL@J5IP.COM

Mr. Roger Flores – BY EMAIL ROGER@ZALZALI.COM

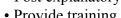
Web: www.h-e.com • mail@h-e.com
Delivery: 470 Third Street West • Sonoma, California 95476
Telephone: 707/996-5200 San Francisco • 707/996-5280 Fax • 202/396-5200 D.C.

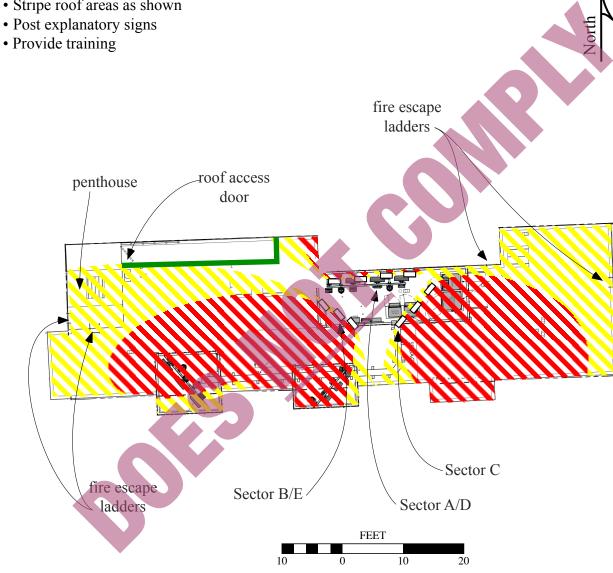
#### AT&T Mobility • Base Station No. CCL05793 901 Market Street • San Francisco, California FA No. 12922723, USID No. 169232, PA No. 3701A0KNJV

#### **Calculated RF Exposure Levels on Roof (Option 2)**

#### **Recommended Compliance Measures**

- Install secure barricades
- Stripe roof areas as shown





Notes: See text.

Base drawing from All States Engineering & Surveying, dated February 6, 2020. 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	<b>I</b> - Green INFORMATION	<b>B</b> - Blue NOTICE	Y- Yellow CAUTION	O - Orange WARNING	
Barricades shown as green lines					



#### Feb 27, 2020

#### J5 - AT&T / RSFR NSB CCL03293 - Low Apartments

Project Name: RSFR NSB CCL03293 - Low
Apartments Project Address: 590 2<sup>ND</sup> Avenue,
San Francisco, CA 94118 Subject: AT&T - Planning

Comments

RE: In response to all possible options explored

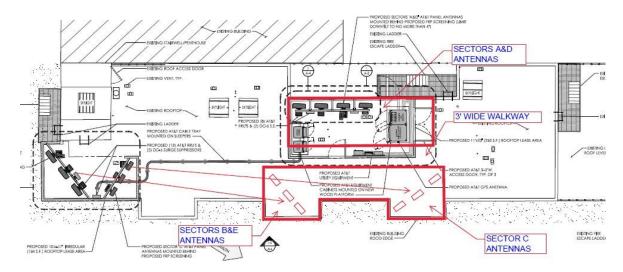
There are 4 possible designs and 3 that work for this very small rooftop.

Option 1 allows the design to maximize the coverage of the neighborhood.

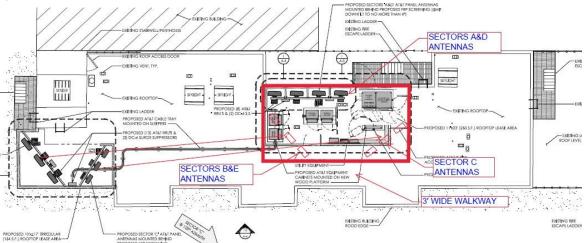
Option 2 causes shadowing and would make the site null and void.

Option 3 is similar to option 1 with the 2 sectors just shifted west by one window area.

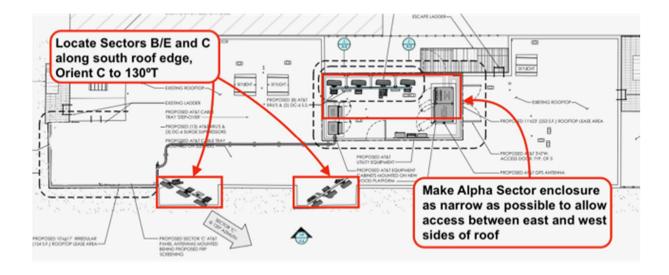
Option 4 is what was originally proposed would works as well with the 2 sectors in the West corner of the roof in black.



Option 2



#### Option 3





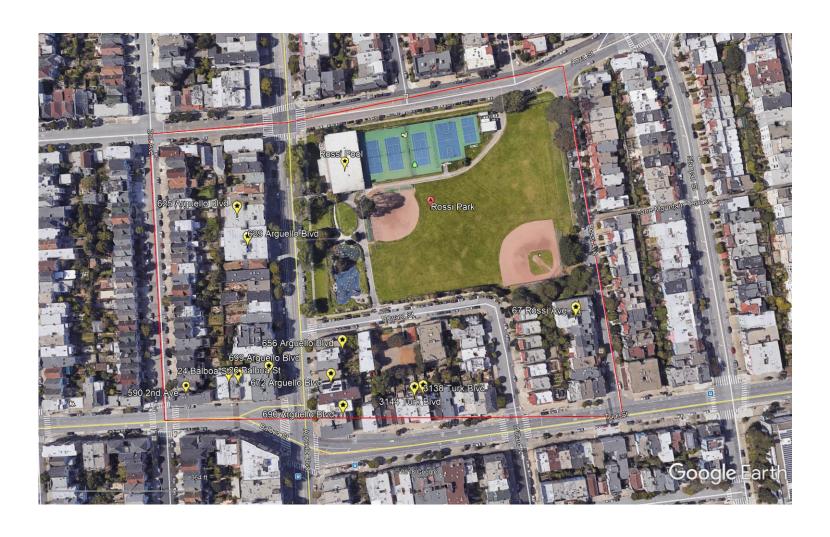


# AT&T MOBILITY ALTERNATIVE SITE ANALYSIS CCL03293



Proposed Site Address: 590 2nd Avenue San Francisco, CA 94118 Block / Lot: 1544 -026

June 5, 2019



PROJECT SITE	590 2nd Avenue, San Francisco, CA 94118
Existing AT&T Site	Geary Blvd and 9 <sup>th</sup> Avenue, San Francisco, CA 94118
Existing AT&T Site	431 Balboa Avenue, San Francisco, CA 94118
Existing AT&T Site	2696 Geary Blvd, San Francisco, CA 94118
Existing AT&T Site	2350 Turk Blvd, San Francisco, CA 94118

The Location Preference of the proposed facility in Section 8.1 of the WTS facilities Siting Guidelines is Preference 7. Disfavored Site: Building is located in a RM-2 zoning district.

The Planning Commission will not approve applications for such sites unless the application

(a) shows what publicly-used building, co-location site or other Preferred Location Sites are located within the geographic service area;

The only publicly-used building is the Rossi Pool building in Rossi Park, 600 Arguello Blvd, San Francisco, CA 94118 / Parcel # 1140A001. There are no co-location sites in the AT&T search ring.

(b) shows by clear and convincing evidence what good faith efforts and measures to secure these Preferred Location Sites were taken;

Viability of new cell site on Rossi pool rooftop or new pole structure sent to Dana Ketchum with SF Rec & Parks. The pool building rooftop may not be structurally viable and a new stealth pole structure will most likely be required.

(c) explains why such efforts were unsuccessful; and

SF Rec & Parks will not allow a free-standing pole structure in the park. Also, Rossi Pool is being renovated and a rooftop cell site may not be viable.

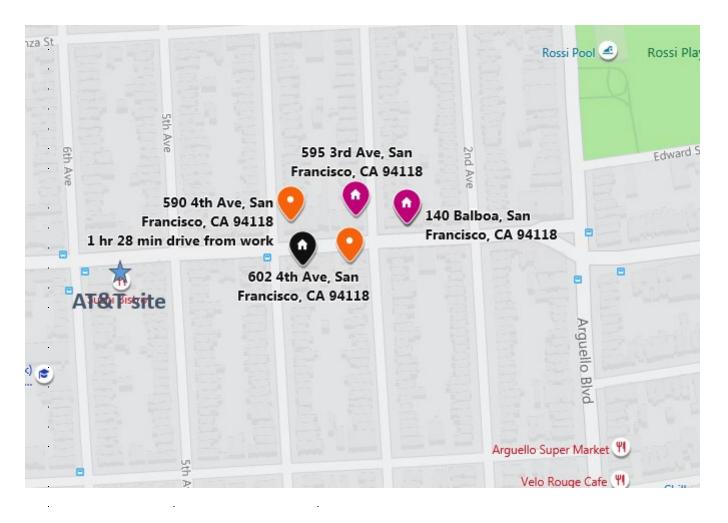
(d) demonstrates that the location for the site is essential to meet demands in the geographic service area and the Applicant's citywide network, provided, however, that facilities placed on publicly-used structures, as defined in Paragraph 1 above, or in co-location sites as defined in Paragraph 2 above, in these zoning districts shall not be disfavored sites and may be approved for a WTS installation by the Planning Commission. An application for installation of a WTS facility on a publicly-used structure shall not be considered a disfavored site and need not satisfy the justification conditions herein for use of disfavored sites.

The proposed site at 590 2<sup>nd</sup> Avenue is essential and meets the demands in the geographic service area and the AT&T's citywide network. The submitted coverage maps show the service gap and how the proposed site will fill it.

A co-location site within these zoning districts, meeting the criteria of Paragraph 2 above, shall not be considered a disfavored site and need not satisfy the justification conditions herein for use of disfavored sites.

There are no co-location sites in the AT&T search ring.

	Site Address	Reason for Rejection	Location Preference
Alternate Site 1	3138 Turk Blvd	On 11/15/17 AT&T sent a Letter of Interest via Fedex to the property owner regarding installation of a rooftop cell site. AT&T also called the property owner and has not received communication expressing interest in a lease agreement.	Preference 7
Alternate Site 2	3144 Turk Blvd	On 11/15/17 AT&T sent a Letter of Interest via Fedex to the property owner regarding installation of a rooftop cell site. AT&T also called the property owner and has not received communication expressing interest in a lease agreement.	Preference 7
Alternate Site 3	621 Arguello Blvd	On 11/15/17 AT&T sent a Letter of Interest via Fedex to the property owner regarding installation of a rooftop cell site. AT&T also called the property owner and has not received communication expressing interest in a lease agreement.	Preference 7
Alternate Site 4	625 Arguello Blvd	On 11/15/17 AT&T sent a Letter of Interest via Fedex to the property owner regarding installation of a rooftop cell site. AT&T also called the property owner and has not received communication expressing interest in a lease agreement.	Preference 7
Alternate Site 5	629 Arguello Blvd	On 11/15/17 AT&T sent a Letter of Interest via Fedex to the property owner regarding installation of a rooftop cell site. AT&T also called the property owner and has not received communication expressing interest in a lease agreement.	Preference 7
Alternate Site 6	656 Arguello Blvd	On 11/15/17 AT&T sent a Letter of Interest via Fedex to the property owner regarding installation of a rooftop cell site. AT&T also called the property owner and has not received communication expressing interest in a lease agreement.	Preference 7
Alternate Site 7	672 Arguello Blvd	On 11/15/17 AT&T sent a Letter of Interest via Fedex to the property owner regarding installation of a rooftop cell site. AT&T also called the property owner and has not received communication expressing interest in a lease agreement.	Preference 7
Alternate Site 8	677 Arguello Blvd	On 11/15/17 AT&T sent a Letter of Interest via Fedex to the property owner regarding installation of a rooftop cell site. AT&T also called the property owner and has not received communication expressing interest in a lease agreement.	Preference 7
Alternate Site 9	690 Arguello Blvd	On 11/15/17 AT&T sent a Letter of Interest via Fedex to the property owner regarding installation of a rooftop cell site. AT&T also called the property owner and has not received communication expressing interest in a lease agreement	Preference 7
Alternate Site 10	699 Arguello Blvd	On 11/15/17 AT&T sent a Letter of Interest via Fedex to the property owner regarding installation of a rooftop cell site. AT&T also called the property owner and has not received communication expressing interest in a lease agreement	Preference 7
Alternate Site 11	707 Arguello Blvd	707 Arguello Blvd Owner declined to move forward with lease agreement with AT&T.	Preference 7
Alternate Site 12	24 Balboa St	On 11/15/17 AT&T sent a Letter of Interest via Fedex to the property owner regarding installation of a rooftop cell site. AT&T also called the property owner and has not received communication expressing interest in a lease agreement	Preference 7
Alternate Site 13	26 Balboa St	On 11/15/17 AT&T sent a Letter of Interest via Fedex to the property owner regarding installation of a rooftop cell site. AT&T also called the property owner and has not received communication expressing interest in a lease agreement	Preference 7
Alternate Site 14	25 Willard St N	On 11/15/17 AT&T sent a Letter of Interest via Fedex to the property owner regarding installation of a rooftop cell site. AT&T also called the property owner and has not received communication expressing interest in a lease agreement	Preference 7
Alternate Site 15	67 Rossi Ave	67 Rossi Ave Building roof is not large enough to accommodate AT&T antennas and there is not ground space or roof space for the required equipment cabinets.	Preference 7



None of the candidates are viable because they are close to an existing AT&T site. Our original search ring is at the Rossi Playground.

There is a NC-2 zoning district adjacent to the intersection of 4th Ave and Balboa; however, the intersection mentioned is too close to the existing site at  $6^{th}$  and balboa so it is not feasible for ATT.

### **Cumulative Effects**

AT&T Mobility Cell Site at 590 2nd Avenue, San Francisco, CA, 94118

Block / Lot: 1544 -026

#### **MOUNTED EQUIPMENT**

Number and Location of Proposed Antennas and Back-up Equipment

Antennas: 10 installed on building rooftop

Equipment: The associated radio equipment, backup batteries, and telco/power panels will

be located on the roof of the building and not visible to the public.

#### List of Facilities per Building

There are no other wireless communication facilities on the subject building.

#### **Height of Proposed Facility**

Top of FRP Screen/Antennas: 47 feet

#### Dimensions of Proposed Antennas and Back-up Equipment

#### **Antenna Array:**

3 antenna sectors within FRP enclosures

10 panel antennas

21 remote radio heads (RRHs)

5 DC-6 surge suppressors

1 GPS antenna

Coax cable trays

#### **Base Station:**

1 Emerson DC Power Plant cabinet

1 200A AC Power Panel

1 Generator Plug

1 Ciena and Hoffman box

1 Emerson battery cabinet w/ (8) batteries

2 Purcell cabinets

#### **Power Rating for Proposed Base Station**

Power and Telco is supplied via a ground floor power. Single phase 208/240 volts at 200 amps.

#### Method of Attachment / Screening

The proposed antennas will be located on the roof and screened with FRP. The equipment will be on the roof on a steel platform. All antenna Sectors will be installed behind FRP screen walls painted and textured to match the existing building.

#### LETTER OF AUTHORIZATION

TO: City and County of San Francisco

RE: APPLICATION FOR JURISDICTIONAL PERMITS AND APPROVALS

The property owner(s) of the below-described property do hereby appoint New Cingular Wireless, PCS, LLC, a Delaware Limited Liability Company (dba AT&T Mobility) and its employees, agents and contractors, as agent for the purpose of consummating any application and obtaining any and all governmental permits and approvals to construct, maintain and operate mobile/wireless communications facilities on the below-described property. The undersigned understand that the application may be denied, modified or approved with conditions and that such conditions or modifications must be complied with prior to issuance of permits or approvals.

Agent: Misako Hill and Derek Turner, J5 Infrastructure Partners

Address: 590 2<sup>nd</sup> Avenue, San Francisco CA 94118

Assessor's Parcel Number: 1544-026

Signature of Property Owner(s)/Authorized Agent(s):

Print: Harry WM. Low

Title: OWNER

Date: May 20, 2019



March 26, 2018

RE: Agent Authorization at AT&T Mobility Site

To: City of San Francisco Planning Department
Department of Building Inspection
San Francisco Redevelopment Agency
San Francisco Department of Public Health

The intent of this letter is to provide notification that AT&T Mobility has engaged J5 Infrastructure Partners as its contract representative to perform Leasing, Permitting and Site Evaluation services in order to expand AT&T Mobility's wireless network coverage in the Northern California and Nevada market.

Misako Hill and Derek Turner, as J5 Infrastructure Partners staff members, are authorized representatives of AT&T Mobility (aka New Cingular Wireless PCS, LLC) and may act on AT&T Mobility's behalf as its agent for the purpose of obtaining governmental permits and approvals to construct, maintain and operate mobile/wireless communications facilities. The undersigned understands that the application may be denied, modified or approved with conditions and those conditions or modifications must be complied with prior to issuance of permits or approvals

We are available for any questions, comments or concerns.

Respectfully yours,

Tayiika (Ty) Logan-Burks

Senior Tech Vendor Manager Construction & Engineering

AT&T Technology Operations Construction & Engineering - South 5001 Executive Parkway, 4W550E San Ramon, CA 94583

O: 925.277.6090 M: 925.549.4671 tl784a@att.com

## Summary of Discussion from CUP Meeting Site No. APN1544-026 (590 2<sup>nd</sup> Avenue)

Meeting Date: Wednesday, November 7, 2018

Meeting Time: 6:00pm - 7:30pm

Meeting Address: Richmond Police Station, 461 6th Avenue

Project Address: 590 2nd Avenue

**Project Representatives:** 

Cammy Blackstone, AT&T External Affairs

- Michael Caniglia, AT&T Mobility
- Derek Turner, J5 Infrastructure Partners
- Raj Mather, Hammett & Edison
- Aishleen Spiers, BergDavis Public Affairs

#### **Summary**

AT&T Mobility held a community meeting on Wednesday, November 7, 2018 from 6:00pm – 7:30pm to share its plans to install (12) panel antennas inside proposed FRP screening on the rooftop of 590 2nd Avenue. Five community members attended the meeting, as well as the building's owner. See attached sign-in sheet.

Prior to the commencement of the meeting, the building's owner mentioned having received complaints from a few residents. AT&T representative Cammy Blackstone also expressed having received a call from Supervisor Sandra Lee Fewer's office regarding constituent concerns they had received.

AT&T commenced the meeting explaining the need for the proposed facility, reviewing the design and discussing the planning process and expected timeline. The project representatives noted that the current designs were preliminary and they had received instructions from the City to make several design changes before submitting an application to the Planning Department.

The community members that attended the meeting are opposed to the proposed facility at 590 2nd Avenue, citing mostly health concerns. One attendant stated that she was completely opposed to the facility and would rally neighbors to attend the Planning Commission hearing in opposition.

The topics of discussion included design, site selection, shadow, noise and EMF. Below is a recap of community members' questions and answers from the project team.

#### Question #1: How tall are the antennas?

**Answer:** The antennas are approximately 4 feet tall, while the panels are approximately 5 feet tall.

#### Question #2: Where is the nearest similar structure?

**Answer:** The nearest similar structure is located at Balboa & 6<sup>th</sup> Avenue.

## Question #3: Will there be any noise emitted from the radio equipment located on the lower level?

**Answer:** The radio equipment emits minimal noise and complies with the San Francisco Noise Ordinance.

#### Question #4: Will this structure block the sun from hitting my backyard?

**Answer:** Once the planned alterations to the design are completed, there will not be shadow on your backyard.

#### Question #5: Will there be any impact on solar panels?

**Answer:** No, the antennas do not impact solar panels.

#### Question #6: Why did you chose this site?

**Answer:** AT&T chose this site to improve poor existing coverage in the area as capacity and use continue to increase dramatically.

## Question #7: Will people who move into the building be notified of the existing antennas?

**Answer:** The location of all antennas is public information available on the San Francisco Planning Department's website.

## Question #8: Has Hammett & Edison already given its stamp of approval on this project?

**Answer:** No, this design is preliminary and we are in the midst of the review process.

#### **FMF**

There was extensive discussion concerning RF exposure, safety standards, measurements and research. Meeting attendants were especially interested in FCC limits and any information on long term health impacts. AT&T informed meeting attendees, if requested, they would send a third-party engineer to measure RF levels before and after the installation of the proposed antennas.



# AT&T Community Meeting Proposed Site: 590 2nd Avenue, San Francisco, CA 94118 November 7, 2018

NAME	ADDRESS	PHONE	EMAIL
Ann + David Green	588 2 MANE	415 860 8215	anneastagmail com
J Lavoushin			javroushin@ yahow.cov
L Breun	548 2 m Au	45-668-0793	Mount ofen edu
Mic Ling	527 2 NO AVE	45-810-9773	7-56.000
J			

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

To: Neighborhood Groups and Neighbors & Owners within 500' radius 590 2nd Avenue, San Francisco, CA 94118

**Meeting Information** 

Date: WEDNESDAY, November 7, 2018

Time: 6:00 p.m.

**Where**: Richmond Police Station 461 6th Ave, San Francisco, CA 94118

**Site Information** 

Address: 590 2nd Avenue San Francisco, CA 94118

Assessor Parcel Number: 1544 -026

Zoning: RM-2 - Residential- Mixed, Moderate

Density

**Building Use: Residential Apartments** 

**Applicant** 

AT&T Mobility

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

AT&T Mobility is proposing to install a wireless communication facility at 590 2nd Avenue needed by AT&T Mobility as part of its San Francisco wireless network. The proposed site is an unmanned facility consisting of the installation of twelve (12) panel antennas. The antennas will be mounted and screened on the roof. The associated equipment will also be located on the roof and not visible to the public. Plans and photo simulations will be available for your review at the meeting. You are invited to attend an informational community meeting located at the Richmond Police Station on WEDNESDAY, November 7, 2018 at 6:00 p.m. to learn more about the project.

If you have any questions regarding the proposal and are unable to attend the meeting, please contact the AT&T Mobility Hotline at (415) 646-0972 and an AT&T Mobility specialist will return your call. Please contact the San Francisco Planning Department CPC Wireless Team at (415) 558-6378 if you have any questions regarding the planning process.

NOTE: If you require an interpreter to be present at the meeting or need an assistive hearing device, please contact our office at (415) 729-5110 no later than 5:00pm on Wednesday, October 24, 2018 and we will make every effort to accommodate your request.

## NOTIFICACIÓN DE REUNIÓN DE ALCANCE COMUNITARIO SOBRE UNA INSTALACIÓN DE COMUNICACIONES INALÁMBRICAS PROPUESTA EN SU VECINDARIO

Para: Grupos del vecindario, vecinos y propietarios dentro de un radio de 500' de 590 2nd Avenue, San Francisco, CA 94118

#### Información de la reunión

Fecha: miércoles, 7 de noviembre de 2018

Hora: 6:00 p.m.

**Dónde:** Richmond Police Station 461 6th Ave, San Francisco, CA 94118

Información del lugar

Dirección: 590 2nd Avenue San Francisco, CA 94118

Parcelas tasadas número: 1544 -026 Zonificación: RM-2 Residencial mixto,

moderada densidad

Uso del edificio: Apartamentos residenciales

Solicitante:

AT&T Mobility

**Información de contacto:** AT&T Mobility Hotline: (415) 646-0972

AT&T Mobility propone instalar una instalación de comunicaciones inalámbricas en 590 2nd Avenue necesaria para AT&T Mobility como parte de su red inalámbrica en San Francisco. La ubicación propuesta de AT&T Mobility es una instalación sin personal que consiste en la instalación de doce (12) antenas panel. Las antenas se montarán y ocultarán de la vista en la terraza. Los equipos asociados también se ubicarían en el techo y no serían visibles para el público. Habrá planos y fotos disponibles para que usted los revise en la reunión. Se lo invita a asistir a una reunión informativa de la comunidad que se realizará en Richmond Police Station el miércoles, 7 de noviembre de 2018 a las 6:00 p.m. para tener más información sobre el proyecto.

Si tiene preguntas relacionadas con la propuesta y no puede asistir a la reunión, por favor llame a la Línea Directa de AT&T Mobility, (415) 646-0972, y un especialista de AT&T Mobility le devolverá el llamado. Por favor, contáctese con el Departamento del equipo de CPC Wireless de San Francisco al (415) 558-6378 si tiene alguna pregunta relacionada con el proceso de planificación.

NOTA: Si necesita que un intérprete esté presente en la reunión, o un dispositivo para asistencia auditiva, por favor, contáctese con nuestra oficina al (415) 729-5110 antes del miércoles, 24 de octubre de 2018 a las 5:00 p.m., y haremos todo lo posible para proporcionarle un intérprete.

#### 社区推广会议通知:与您的小区内的无线通信设备相关的提议

致:在加州旧金山市2号大街(2nd Avenue) 590号(邮编:94118) 500英尺范围内的社区团体及邻居和业主

会议信息

日期:2018年11月7日星期三 WEDNESDAY, November 7, 2018

时间:下午6点

地点:里士满警察局 (Richmond Police Station)

461 6th Ave, San Francisco, CA 94118

场地信息

地址:加州旧金山市2号大街590号,邮编:94118

估税员土地号:1544-026

区划: RM-2-住宅-混合, 中等密度

建筑物用途:住宅公寓

申请人

AT&T 移动

联系信息 AT&T 移动热线: (415) 646-0972

AT&T 移动提议在2号大街590号安装一个无线通信设备,作为旧金山无线网 络的一部分,满足AT&T移动的需求。计划场地为无人设施,有十二(12) 个面板天线。天线将被安装在屋顶上,并且会被掩藏起来。其他相关设备将 被安装在屋顶,公众看不见的地方。 将在会上向您展示计划内容及模拟图 片,供您审阅。我们邀请您参加在里士满警察局(Richmond Police Station) 召开的信息性社区会议,会议时间为2018年11月7日**星期三**下午6点整,了解 更多关于该项目的信息。

您如有任何关于该提议的问题,但无法出席会议,请拨打AT&T移动热线: (415) 646-0972, AT&T 移动的专业人员将回复您的电话。如果您对该规划过 程有任何问题, 请拨打电话 (415) 558-6378, 联系旧金山市规划部 CPC 无线 小组。

注意:如果您在会议期间需要一名翻译人员在场或者需要使用辅助听力设 备,请在2018年10月24日星期三下午5点前联系我们的办公室,联系电话 (415) 729-5110, 我们将尽全力满足您的要求。

#### ABISO NG OUTREACH NA PULONG NG KOMUNIDAD SA PANUKALANG WIRELESS NA PASILIDAD NG KOMUNIKASYON SA INYONG KAPITBAHAYAN

Sa: Mga Pangkat ng Kapitbahayan at Mag-ari sa loob ng 500' radius ng 590 2nd Avenue, San Francisco, CA 94118

Impormasyon sa Pulong

Petsa: Miyerkules, Nobyembre 7, 2018

Oras: 6:00 p.m.

Saan: Richmond Police Station 461 6th Ave, San Francisco, CA 94118

Impormasyon sa Site

Address: 590 2nd Avenue San Francisco, CA 94118

Numero ng Assessor Parcel: 1544 -026 Zoning: RM-2 - Residential- Mixed,

Moderate Density

Gamit sa Gusali: Residential

Apartments

**Aplikante** 

AT&T Mobility

Impormasyon sa Pakikipag-ugnayan

AT&T Mobility Hotline (415) 646-0972

Pinapanukala ng AT&T Mobility na magkabit ng wireless na pasilidad na pangkomunikasyon sa 590 2nd Avenue na kailangan ng AT&T Mobility bilang bahagi ng wireless network nito sa San Francisco. Ang panukalang lugar ay isang walang taong pasilidad na binubuo ng pagkakabit ng labing-dalawang (12) panel antena. Ikakabit ang mga antena at ii-screen sa bubong. Ang kaugnay na kagamitan ay ilalagay sa lupa at lebel ng kalye sa likod ng gusali, na hindi makikita ng publiko. Ang mga plano at simulasyong litrato ay maaari niyong repasuhin sa pulong. Iniimbitahan kayong dumalo sa impormal na pulong ng komunidad sa Richmond Police Station sa Miyerkules, Nobyembre 7, 2018, ng 6:00 p.m. para matuto pa tungkol sa proyekto.

Kung mayroon kayong anumang mga tanong tungkol sa panukala at hindi kayo makakadalo sa pulong, mangyaring makipag-ugnayan sa AT&T Mobility Hotline sa (415) 646-0972 at ang AT&T Mobility specialist ay tatawag sa iyo. Mangyaring makipag-ugnayan sa San Francisco Planning Department CPC Wireless Team sa (415) 558-6378 kung may anumang mga tanong kayo patungkol sa proseso ng pagpaplano.

TANDAAN: Kung kailangan niyong mayroong tagapagsaling-wika sa pulong o kailangan ng pantulong na aparato sa pandinig, mangyaring makipagugnayan sa aming tanggapan sa (415) 729-5110 nang hindi lalagpas sa 5:00pm sa Miyerkules, Oktubre 24, 2018, at gagawin namin lahat ng aming makakaya para pagbigyan ang inyong hiling.

Misako Hill, J5 Infrastructure Partners FOR AT&T MOBILITY 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

- 1992299993859B9

CHAKLAND CASS

PRINCIPAL PM31



1643/049 LILLY WONG 600 2ND AV SAN FRANCISCO CA 94118-4008

NIXIE

957 FE 1

0011/10/18

RETURN TO SENDER HOT DELIVERABLE AS ABORTESSED UNABLE TO FORWARD

BC: 94608332775

\*1305-04127-22-43

Misako Hill, J5 Infrastructure Partners FOR AT&T MOBILITY 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

无线设施邻里会议 Pulong ng komunidad para sa wireless na pasilidad CAKLAND CA 945

22 INT 2018 P#41



1642/001 OCCUPANT 601 2ND AV SAN FRANCISCO CA 94118-4048

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