



# SAN FRANCISCO PLANNING DEPARTMENT

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## Executive Summary Conditional Use

HEARING DATE: November 29, 2018

*Record No.:* 2018-002007CUA  
*Project Address:* 318 MAIN ST  
*Zoning:* RC-4 (Residential- Commercial, High Density District)  
400-W Height and Bulk District  
Folsom & Main Residential/Commercial Special Use District  
*Block/Lot:* 3746/064  
*Applicant:* Jimmy Stillman  
240 Stockton Street, 3rd Floor  
San Francisco, CA 94108  
*Property Owner:* Loyal Investment Financial Elite, LLC  
PO Box 273  
Burlingame, CA 94011  
*Staff Contact:* Ashley Lindsay – (415) 575-9178  
[ashley.lindsay@sfgov.org](mailto:ashley.lindsay@sfgov.org)  
*Recommendation:* **Approval with Conditions**

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

Reception:  
**415.558.6378**

Fax:  
**415.558.6409**

Planning  
Information:  
**415.558.6377**

### PROJECT DESCRIPTION

The Project includes installation of a permanent rooftop AT&T Mobility Macro Wireless Telecommunications Facility which will replace an existing temporary rooftop wireless facility. The project scope of work consists of installation of (3) new panel antennas screened behind a new radio-frequency (RF) transparent screen wall; installation of (6) new RRHs; reusing (6) existing panel antennas and ancillary equipment screened behind existing RF transparent screen walls; and installation of ancillary equipment. All antennas, RF screen walls, cabling, and brackets will be painted and textured to match the existing penthouse building wall as part of the AT&T Mobility Telecommunications Network.

### REQUIRED COMMISSION ACTION

In order for the Project to proceed, the Commission must grant a Conditional Use Authorization for a wireless telecommunications facility pursuant to Planning Code Section 209.3 and 303(c) to allow installation of a macro wireless telecommunications facility in an RC-4 Zoning District.

### ISSUES AND OTHER CONSIDERATIONS

- **Public Comment & Outreach.** As required under the Guidelines the Project Sponsor held a community meeting on August 30, 2017 at 6:00 pm at the Mechanics' Institute Library and

Chess Room, 57 Post Street, San Francisco, CA 94014. No members of the community attended the meeting. As of September 13, 2018, the Department has not received any calls or testimony raising concerns about, or expressing support for, the proposed project.

## **BASIS FOR RECOMMENDATION**

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

## **ATTACHMENTS:**

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



# SAN FRANCISCO PLANNING DEPARTMENT

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## Planning Commission Draft Motion HEARING DATE: NOVEMBER 29, 2018

*Record No.:* 2018-002007CUA  
*Project Address:* 318 MAIN STREET  
*Zoning:* RC-4 (Residential-Commercial, High Density)  
400-W Height and Bulk District  
Folsom & Main Residential/Commercial Special Use District  
*Block/Lot:* 3746/064  
*Project Sponsor:* Jimmy Stillman  
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ADOPTING FINDINGS RELATING TO A CONDITIONAL USE AUTHORIZATION PURSUANT TO PLANNING CODE SECTION 209.3 AND 303(c), TO INSTALL A PERMANENT ROOFTOP AT&T MOBILITY MACRO WIRELESS TELECOMMUNICATIONS FACILITY WHICH WILL REPLACE AN EXISTING TEMPORARY ROOFTOP WIRELESS FACILITY. THE PROJECT SCOPE OF WORK CONSISTS OF INSTALLATION OF (3) NEW PANEL ANTENNAS SCREENED BEHIND A NEW RADIO-FREQUENCY (RF) TRANSPARENT SCREEN WALL; INSTALLATION OF (6) NEW RRHS; REUSING (6) EXISTING PANEL ANTENNAS AND ANCILLARY EQUIPMENT SCREENED BEHIND EXISTING RF TRANSPARENT SCREEN WALLS; AND INSTALLATION OF ANCILLARY EQUIPMENT. ALL ANTENNAS, RF SCREEN WALLS, CABLING, AND BRACKETS WILL BE PAINTED AND TEXTURED TO MATCH THE EXISTING PENTHOUSE BUILDING WALL AS PART OF THE AT&T MOBILITY TELECOMMUNICATIONS NETWORK. THE SUBJECT PROPERTY IS LOCATED AT 318 MAIN STREET, LOTS 064 IN ASSESSOR'S BLOCK 3746, WITHIN THE RC-4 (RESIDENTIAL-COMMERCIAL, HIGH DENSITY) ZONING DISTRICT AND 400-W HEIGHT AND BULK DISTRICT, AND ADOPTING FINDINGS UNDER THE CALIFORNIA ENVIRONMENTAL QUALITY ACT.

### PREAMBLE

On February 13, 2018, AT&T Mobility (hereinafter "Project Sponsor") filed Application No. 2018-002007CUA (hereinafter "Application") with the Planning Department (hereinafter "Department") for a Conditional Use Authorization to install a permanent rooftop AT&T Mobility Macro Wireless Telecommunications Facility which will replace an existing temporary rooftop wireless facility (hereinafter "Project") at 318 Main Street, Block 37546 Lots 064 (hereinafter "Project Site").

On November 29, 2018, the San Francisco Planning Commission (hereinafter "Commission") conducted a duly noticed public hearing at a regularly scheduled meeting on Conditional Use Authorization Application No. 2018-002007CUA.

On **November 8, 2018**, the Project was determined to be exempt from the California Environmental Quality Act ("CEQA") as a Class 3 Categorical Exemption under CEQA as described in the determination contained in the Planning Department files for this Project

The Planning Department Commission Secretary is the custodian of records; the File for Record No. 2018-002007CUA is located at 1650 Mission Street, Suite 400, San Francisco, California.

The Commission has heard and considered the testimony presented to it at the public hearing and has further considered written materials and oral testimony presented on behalf of the applicant, Department staff, and other interested parties.

**MOVED**, that the Commission hereby authorizes the Conditional Use Authorization as requested in Application No. 2018-002007CUA, subject to the conditions contained in "EXHIBIT A" of this motion, based on the following findings:

## FINDINGS

Having reviewed the materials identified in the preamble above, and having heard all testimony and arguments, this Commission finds, concludes, and determines as follows:

1. The above recitals are accurate and constitute findings of this Commission.
2. **Project Description.** The Project includes installation of a permanent rooftop AT&T Mobility Macro Wireless Telecommunications Facility which will replace an existing temporary rooftop wireless facility. The project scope of work consists of installation of (3) new panel antennas screened behind a new radio-frequency (RF) transparent screen wall; installation of (6) new RRHs; reusing (6) existing panel antennas and ancillary equipment screened behind existing RF transparent screen walls; and installation of ancillary equipment. All antennas, RF screen walls, cabling, and brackets will be painted and textured to match the existing penthouse building wall as part of the AT&T Mobility Telecommunications Network.
3. **Site Description and Present Use.** The Project Site is located on Assessor's Block 3746, Lot 064. The lot is located at the southwest corner of the Folsom Street and Main Street intersection. The eight-story building was constructed in 2016. The present use type of the building is condominium.
4. **Surrounding Properties and Neighborhood.** The Project Site is situated within the South of Market neighborhood. Surrounding uses include a mix of office, live/work, condominium, and

transit uses throughout the RC- 4, RH-DTR, and TB-DTR Districts. In the blocks surrounding the Project Site, the buildings generally range from 1 to 35 stories in height.

5. **Public Outreach and Comments.** As required under the Guidelines the Project Sponsor held a community meeting on August 30, 2017 at 6:00 pm at the Mechanics' Institute Library and Chess Room, 57 Post Street, San Francisco, CA 94014. No members of the community attended the meeting. As of November 19, 2018, the Department has not received any calls or testimony raising concerns about, or expressing support for, the proposed project.
6. **Past History and Actions.** The Planning Commission adopted the *Wireless Telecommunications Services (WTS) Facilities Siting Guidelines* ("Guidelines") for the installation of wireless telecommunications facilities in 1996. These Guidelines set forth the land use policies and practices that guide the installation and approval of wireless facilities throughout San Francisco. A large portion of the Guidelines was dedicated to establishing location preferences for these installations. The Board of Supervisors, in Resolution No. 635-96, provided input as to where wireless facilities should be located within San Francisco. The Guidelines were updated by the Commission in 2003 and again in 2012, requiring community outreach, notification, and detailed information about the facilities to be installed.

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

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

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

Before the Planning Commission can review an application to install a wireless facility, the Project Sponsor must submit a five-year facilities plan, which must be updated biannually, an

emissions report and approval by the Department of Public Health, Section 106 Declaration of Intent, an independent evaluation verifying coverage and capacity, a submittal checklist and details about the facilities to be installed.

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

7. **Location Preference.** The *WTS Facilities Siting Guidelines* identify different types of zoning districts and building uses for the siting of wireless telecommunications facilities. Based on the zoning and land use, the proposed WTS facility is at a Location Preference 5 Site (Mixed Use Buildings in High Density Districts) according to the *WTS Facilities Siting Guidelines*, making it a desired location.
8. **Radio Waves Range.** The Project Sponsor has stated that the proposed wireless network is designed to address coverage and capacity needs in the area. The network will operate in the WCS, AWS, PCS, cellular, and 700 Megahertz (MHZ) services, which are regulated by the Federal Communications Commission (FCC) and must comply with the FCC-adopted health and safety standards for electromagnetic radiation and radio frequency radiation.
9. **Radiofrequency (RF) Emissions:** The Project Sponsor retained Hammett & Edison, Inc., a radio engineering consulting firm, to prepare a report describing the expected RF emissions from the proposed facility. Pursuant to the *Guidelines*, the Department of Public Health reviewed the report and determined that the proposed facility complies with the standards set forth in the *Guidelines*.
10. **Department of Public Health Review and Approval.** The Project was referred to the Department of Public Health (DPH) for emissions exposure analysis. Radio-Frequency (RF) levels from the proposed AT&T Mobility transmitters at any nearby publicly accessible building or area would 70% of the FCC public exposure limit.

There are no existing antennas on the rooftop of the building at 318 Main Street. Existing RF levels at ground were approximately well below the FCC public exposure limit. There have been observed small WTS facilities on light poles at the south and north corners of the intersection between Main and Folsom Streets. AT&T Mobility proposes to install three (3) additional antennas, and to re-orient the existing 315-degree-T antennas. The height to the top of the antennas is approximately 97 feet above the ground. The estimated RF field from the proposed AT&T Mobility transmitters at ground level is calculated to be 0.0012 mW/sq cm., which is 0.6% 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 40 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 40 feet of the front of the antennas while they are in operation.

11. **Coverage and Capacity Verification.** The maps, data, and conclusion provided by AT&T Mobility to demonstrate the need for outdoor and indoor coverage and capacity have been determined by Hammett & Edison, 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 209.3, 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 318 Main Street is generally desirable and compatible with the surrounding neighborhood because the Project will not conflict with the existing uses of the property and will be designed to be compatible with the surrounding neighborhood. The overall location, setback from public streets, height and design of the proposed facility, including visible screening elements is situated so as to avoid intrusion into public vistas, and to insure harmony with the existing neighborhood character and promote public safety.*
  - B. The proposed project will not be detrimental to the health, safety, convenience or general welfare of persons residing or working in the vicinity. There are no features of the project that could be detrimental to the health, safety or convenience of those residing or working the area, in that:
    - (1) Nature of proposed site, including its size and shape, and the proposed size, shape and arrangement of structures;

*The Project height and bulk of the existing building will remain the same and will not significantly alter the existing appearance or character of the project vicinity. The proposed work will not affect the building envelope, yet the inclusion of outside seating will alter the use of the property.*

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

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

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

*While some noise and dust may result from the installation of the antennas and transceiver equipment, noise or noxious emissions from continued use are not likely to be significantly greater than ambient conditions due to the operation of the wireless communication network.*

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

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

- C. That the use as proposed will comply with the applicable provisions of the Planning Code and will not adversely affect the General Plan.

*The Project complies with all relevant requirements and standards of the Planning Code and is consistent with objectives and policies of the General Plan as detailed below.*

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

## **HOUSING ELEMENT**

### **Objectives and Policies**

#### **OBJECTIVE 12:**

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



**Policy 12.3:**

Ensure new housing is sustainable supported by the City's public infrastructure systems.

*The Project will improve AT&T Mobility's coverage and capacity within the South of Market neighborhood.*

**COMMERCE AND INDUSTRY ELEMENT**

**Objectives and Policies**

**OBJECTIVE 1:**

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

**Policy 1.1:**

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

**Policy 1.2:**

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

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

**OBJECTIVE 2:**

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

**Policy 2.1:**

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

**Policy 2.3:**

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

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

**OBJECTIVE 4:**

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

**Policy 4.1:**

Maintain and enhance a favorable business climate in the City.

**Policy 4.2:**

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

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

**VISITOR TRADE**

**OBJECTIVE 8:**

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

**Policy 8.3:**

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

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

**COMMUNITY SAFETY ELEMENT**

**Objectives and Policies**

**OBJECTIVE 3:**

ESTABLISH STRATEGIES TO ADDRESS THE IMMEDIATE EFFECTS OF A DISASTER.

**Policy 1.20**

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

**Policy 2.4**

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

**Policy 2.15**

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

**Policy 3.7:**

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

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

16. **Planning Code Section 101.1(b)** establishes eight priority-planning policies and requires review of permits for consistency with said policies. On balance, the project complies with said policies in that:

- A. That existing neighborhood-serving retail uses be preserved and enhanced and future opportunities for resident employment in and ownership of such businesses be enhanced.

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

- B. That existing housing and neighborhood character be conserved and protected in order to preserve the cultural and economic diversity of our neighborhoods.

*No residential uses will be displaced or altered in any way by the granting of this Authorization.*

- C. That the City's supply of affordable housing be preserved and enhanced,

*The Project will have no adverse effect on housing in the vicinity.*

- D. That commuter traffic not impede MUNI transit service or overburden our streets or neighborhood parking.

*Due to the nature of the Project and minimal maintenance or repair, municipal transit service will not be significantly impeded and neighborhood parking will not be overburdened.*

- E. That a diverse economic base be maintained by protecting our industrial and service sectors from displacement due to commercial office development, and that future opportunities for resident employment and ownership in these sectors be enhanced.

*The Project will not cause any displacement of industrial and service sector activity.*

- F. That the City achieve the greatest possible preparedness to protect against injury and loss of life in an earthquake.

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

- G. That landmarks and historic buildings be preserved.

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

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

*The Project will not adversely affect parks or open space, nor their access to sunlight or public vistas.*

17. The Project is consistent with and would promote the general and specific purposes of the Code provided under Section 101.1(b) in that, as designed, the Project would contribute to the character and stability of the neighborhood and would constitute a beneficial development.
18. The Commission hereby finds that approval of the Conditional Use Authorization would promote the health, safety and welfare of the City.

## DECISION

That based upon the Record, the submissions by the Applicant, the staff of the Department and other interested parties, the oral testimony presented to this Commission at the public hearings, and all other written materials submitted by all parties, the Commission hereby **APPROVES Conditional Use Authorization Application No. 2018-002007CUA** subject to the following conditions attached hereto as "EXHIBIT A" in general conformance with plans on file, dated April 4, 2018, and stamped "EXHIBIT B", which is incorporated herein by reference as though fully set forth.

**APPEAL AND EFFECTIVE DATE OF MOTION:** Any aggrieved person may appeal this Conditional Use Authorization to the Board of Supervisors within thirty (30) days after the date of this Motion. The effective date of this Motion shall be the date of this Motion if not appealed (after the 30-day period has expired) OR the date of the decision of the Board of Supervisors if appealed to the Board of Supervisors. For further information, please contact the Board of Supervisors at (415) 554-5184, City Hall, Room 244, 1 Dr. Carlton B. Goodlett Place, San Francisco, CA 94102.

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

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

I hereby certify that the Planning Commission ADOPTED the foregoing Motion on November 29, 2018.

Jonas P. Ionin  
Commission Secretary

AYES:

NAYS:

ABSENT:  
SAN FRANCISCO  
PLANNING DEPARTMENT

**Draft Motion  
November 29, 2018**

**RECORD NO. 2018-002007CUA  
318 Main Street**

ADOPTED: November 29, 2018

## EXHIBIT A

### AUTHORIZATION

This authorization is for a conditional use to allow telecommunications use (d.b.a. **AT&T Mobility**) located at 318 Main Street, Block 3746, Lot 064 pursuant to Planning Code Section(s) **209.3 and 303(c)** within the **RC-4** District and a **400-W** Height and Bulk District; in general conformance with plans, dated **April 4, 2018**, and stamped "EXHIBIT B" included in the docket for Record No. **2018-002007CUA** and subject to conditions of approval reviewed and approved by the Commission on **November 29, 2018** under Motion No **XXXXXX**. This authorization and the conditions contained herein run with the property and not with a particular Project Sponsor, business, or operator.

### RECORDATION OF CONDITIONS OF APPROVAL

Prior to the issuance of the building permit or commencement of use for the Project the Zoning Administrator shall approve and order the recordation of a Notice in the Official Records of the Recorder of the City and County of San Francisco for the subject property. This Notice shall state that the project is subject to the conditions of approval contained herein and reviewed and approved by the Planning Commission on **November 29, 2018** under Motion No **XXXXXX**.

### PRINTING OF CONDITIONS OF APPROVAL ON PLANS

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

### SEVERABILITY

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

### CHANGES AND MODIFICATIONS

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

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

### PERFORMANCE

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



## DESIGN – COMPLIANCE AT PLAN STAGE

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

*For information about compliance, contact the Case Planner, Planning Department at 415-558-6378, [www.sf-planning.org](http://www.sf-planning.org)*

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

*For information about compliance, contact the Case Planner, Planning Department at 415-558-6378, [www.sf-planning.org](http://www.sf-planning.org)*

8. **Plan Drawings - WTS.** Prior to the issuance of any building or electrical permits for the installation of the facilities, the Project Sponsor shall submit final scaled drawings for review and approval by the Planning Department ("Plan Drawings"). The Plan Drawings shall describe:

- A. **Structure and Siting.** Identify all facility related support and protection measures to be installed. This includes, but is not limited to, the location(s) and method(s) of placement, support, protection, screening, paint and/or other treatments of the antennas and other appurtenances to insure public safety, insure compatibility with urban design, architectural and historic preservation principles, and harmony with neighborhood character.
- B. **For the Project Site, regardless of the ownership of the existing facilities.** Identify the location of all existing antennas and facilities; and identify the location of all approved (but not installed) antennas and facilities.
- C. **Emissions.** Provide a report, subject to approval of the Zoning Administrator, that operation of the facilities in addition to ambient RF emission levels will not exceed adopted FCC standards with regard to human exposure in uncontrolled areas.

*For information about compliance, contact the Case Planner, Planning Department at 415-558-6378, [www.sf-planning.org](http://www.sf-planning.org)*

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

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

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

*For information about compliance, contact the Case Planner, Planning Department at 415-558-6378, [www.sf-planning.org](http://www.sf-planning.org)*

## MONITORING - AFTER ENTITLEMENT

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

to the placement of WTS facilities. Should future legislation be enacted to provide for cost recovery for planning, the Project Sponsor shall be bound by such legislation.

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

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

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

*For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, [www.sf-planning.org](http://www.sf-planning.org)*

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

- F. Approval. The Zoning Administrator shall request that the Certification of Final Completion for operation of the facility not be issued by the Department of Building Inspection until such time that the Project Implementation Report is approved by the Department for compliance with these conditions.

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

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

*For information about compliance, contact the Case Planner, Planning Department at 415-575-9079, [www.sf-planning.org](http://www.sf-planning.org).*

16. **Notification prior to Project Implementation Report - WTS.** The Project Sponsor shall undertake to inform and perform appropriate tests for residents of any dwelling units located within 25 feet of the transmitting antenna at the time of testing for the Project Implementation Report.

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

*For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, [www.sf-planning.org](http://www.sf-planning.org)*

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

*For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, [www.sf-planning.org](http://www.sf-planning.org)*

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

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

## OPERATION

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

*For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, [www.sf-planning.org](http://www.sf-planning.org)*

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

*For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, [www.sf-planning.org](http://www.sf-planning.org)*

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

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

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

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

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

*For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, [www.sf-planning.org](http://www.sf-planning.org)*

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

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

## **EXHIBIT B**



# at&t

## SITE NUMBER: CCL04727



## SITE NAME: PODIUM BUILDING A AT 318 MAIN - PERM

318 MAIN STREET  
SAN FRANCISCO, CA 94105

Jurisdiction: CITY OF SAN FRANCISCO

FA#: 13051218 USID: 185304

## SITE TYPE: ROOF TOP



borgesarch.com

1478 STONE POINT DRIVE, SUITE 350  
ROSEVILLE CA 95661  
916 782 7200 TEL  
916 773 3037 FAX



modus-corp.com

240 STOCKTON STREET, 3RD FLOOR  
SAN FRANCISCO, CA 94108



5001 EXECUTIVE PARKWAY  
SAN RAMON, CA 94583

### PROJECT DESCRIPTION

CONSTRUCTION OF AN UNMANNED TELECOMMUNICATIONS FACILITY.

- INSTALL 200A AT&T ELEC PANEL IN EXISTING TELECOM ROOM IN BASEMENT
- INSTALL (2) 5216 & (3) XMUS
- INSTALL (3) PANEL ANTENNAS AT SECTOR C
- REMOVE AND REPLACE (E) EMERSON 502 POWERPLANT w/ (P) EMERSON 512
- REMOVE AND REPLACE (4) RRHS AT SECTOR B & (2) RRHS AT SECTOR A
- INSTALL (6) PROPOSED RRH AT SECTOR C, (1) PROPOSED RRH AT SECTOR A, B, & E
- SPLICE SECTOR B INTO SECTORS B & E
- INSTALL RF TRANSPARENT SCREEN WALL SECTOR C
- ALL ANTENNAS, FRP STEALTHING, CABLING, BRACKETS WILL BE PAINTED AND TEXTURED TO MATCH (E) PENTHOUSE BUILDING WALL
- ADJUST (E) B & E SECTOR ANTENNAS TO 300 AZIMUTH, AS CLOSE AS POSSIBLE

### CODE COMPLIANCE

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

- CALIFORNIA ADMINISTRATIVE CODES (INCL. TITLES 24 & 25) 2016
- CALIFORNIA BUILDING CODE 2016
- CALIFORNIA ELECTRICAL CODE 2016
- CALIFORNIA MECHANICAL CODE 2016
- CALIFORNIA PLUMBING CODE 2016
- CALIFORNIA FIRE CODE 2016
- LOCAL BUILDING CODE AMENDMENTS TO THE ABOVE.
- CITY / COUNTY ORDINANCES

ALONG WITH ANY OTHER APPLICABLE LOCAL AND STATE LAWS AND REGULATIONS

### DISABLED ACCESS REQUIREMENTS

FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. ACCESSIBILITY REQUIREMENTS ARE NOT REQUIRED, IN ACCORDANCE WITH CALIFORNIA BUILDING CODE, CODE OF REGULATIONS, TITLE 24, PART 2, VOLUME 1, CHAPTER 11B, DIVISION 2, SECTION 11B-203.5

### OCCUPANCY AND CONSTRUCTION TYPE

OCCUPANCY : U (UNMANNED)

CONSTRUCTION TYPE: TYPE II

### VICINITY MAP



### PROJECT INFORMATION

**Property Information:**  
 Site Name: PODIUM BUILDING A AT 318 MAIN - PERM  
 Site Number: CCL04727  
 Site Address: 318 MAIN STREET  
 SAN FRANCISCO, CA 94105  
 A.P.N. Number: 3746/007  
 Current Zoning: RC-4- HIGH DENSITY  
 Jurisdiction: CITY OF SAN FRANCISCO  
 Latitude: N 37° 47' 20.30"  
 Longitude: W -122° 23' 30.76"  
 Latitude: 37.788972  
 Longitude: -122.391878  
 Elevation: 16.7 AMSL

**Power Agency:**  
 PG&E  
 1 MARKET STREET,  
 SPEAR TOWER  
 SAN FRANCISCO, CA 94105-1126  
 ph: (800) 743-5000

**Telephone Agency:**  
 AT&T  
 525 MARKET STREET  
 SAN FRANCISCO, CA 94105  
 ph: (800) 310-2355

**Property Owner:**  
 TISHMAN SPEYER PROPERTIES, L.P.  
 1 BUSH STREET  
 SAN FRANCISCO, CA 94104

### PROJECT TEAM

**Applicant/ Lessee:**  
 AT&T MOBILITY  
 430 BUSH ST  
 SAN FRANCISCO, CA 94104  
 contact: TY EDDY  
 email: te1501@att.com  
 ph: (925) 337-0760

**Architect:**  
 BORGES ARCHITECTURAL GROUP, INC.  
 1478 STONE POINT DRIVE, SUITE 350  
 ROSEVILLE, CA 95661  
 contact: BRIAN K. WINSLOW  
 email: brian@borgesarch.com  
 ph: (916) 782-7200  
 fax: (916) 773-3037

**Site Acquisition:**  
 MODUS CORP  
 149 NATOMA ST (3RD FLOOR)  
 SAN FRANCISCO, CA 94105  
 contact: JIMMY STILLMAN  
 email: jstillman@modus-corp.com  
 ph: (530) 913-9577

**Structural Engineer:**  
 NORM SCHEEL STRCUTURAL ENGINEER  
 5022 SUNRISE BLVD  
 FAIRVIEW, CA 95620  
 5001 EXECUTIVE PARKWAY, 4W550H  
 SAN RAMON, CA 94583  
 contact: NORM SCHEEL  
 email: norm@nsse.com  
 ph: (916) 536-9585

### SPECIAL INSPECTION INFO.

- Test and Inspections**
- Tests and Inspections shall be provided as required below and shall conform to the requirements of 2013 CBC, Chapter 17.
  - All tests and Inspections shall be performed by an independent inspection agency, unless noted otherwise. Jobsite visits by the Structural Engineer do not constitute inspections and are not a substitute for inspection.
  - It is the contractors sole responsibility to see that these tests and inspections are performed.
  - Tests:
  - Inspections
- |  |   |
|--|---|
| <input type="checkbox"/> A. Fill compaction  | <input type="checkbox"/> A. Footing excavation (by a Geotechnical Engineer) |
| <input type="checkbox"/> B. Concrete   | <input type="checkbox"/> B. Pier / pier installation                        |
| <input type="checkbox"/> C. Sampling and Testing of Reinforcing Steel                                  | <input type="checkbox"/> C. Reinforcement placement                         |
| <input type="checkbox"/> D. Mill Certificates for Reinforcing Steel                                    | <input type="checkbox"/> D. Concrete placement                              |
| <input type="checkbox"/> E. Masonry  | <input type="checkbox"/> E. Placing & stressing tendons                     |
| <input type="checkbox"/> F. Grout & Mortar   | <input type="checkbox"/> F. Rebar couplers                                  |
| <input type="checkbox"/> G. All complete penetration groove welds by ultrasonic testing or radiography | <input type="checkbox"/> G. Masonry Placement & grouting                    |
| <input type="checkbox"/> H. Sampling & Testing of Structural Steel                                     | <input type="checkbox"/> H. Shop welding                                    |
| <input type="checkbox"/> I. Mill Certificates for Structural Steel                                     | <input type="checkbox"/> I. Field welding                                   |
| <input type="checkbox"/> J. Expansion or Epoxy   | <input type="checkbox"/> J. High strength bolting                           |
|  | <input type="checkbox"/> K. Expansion or Epoxy anchors                      |
|  | <input type="checkbox"/> L. Shear stud installation                         |

### DIRECTIONS FROM AT&T's OFFICE

DIRECTIONS FROM AT&T's OFFICE AT 5001 EXECUTIVE PARKWAY, SAN RAMON, CA

- Head northeast on Bishop Dr toward Sunset Dr
  - Turn right at the 1st cross street onto Sunset Dr
  - Use the right 2 lanes to turn right onto Bollinger Canyon Rd
  - Use the right 2 lanes to merge onto I-680 N via the ramp to Sacramento
  - Merge onto I-680 N
  - Use the right 2 lanes to take exit 46A for State Route 24 toward Oakland/Lafayette
  - Continue onto CA-24 W
  - Keep left at the fork to stay on CA-24 W
  - Use the right 2 lanes to take exit 2B for Interstate 580 W
  - Use the left lane to merge onto I-580 W
  - Use the left 3 lanes to take exit 19A to merge onto I-80 W toward San Francisco
  - Use the left lane to take exit 2B for Harrison St toward Embarcadero
  - Turn right onto Harrison St
  - Turn left onto Main St
- Destination will be on the right

### SHEET INDEX

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GN-3	BATTERY SPECIFICATIONS
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EME-1	RF STUDY & EMERGENCY SIGNAGE REPORT
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A-4.3	ELEVATIONS
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STAMP



DRAWN BY: JVM PROJECT NO.: T-15512-7

CHECK BY: B.K.W.

SHEET TITLE

TITLE SHEET

SHEET NO.

### GENERAL CONTRACTOR NOTES

**DO NOT SCALE DRAWINGS**

THESE DRAWINGS ARE FORMATTED TO BE FULL SIZE AT 36" x 24" (D1). CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOBSITE AND SHALL IMMEDIATELY NOTIFY THE ARCHITECT/ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR MATERIAL ORDERS OR BE RESPONSIBLE FOR THE SAME.



# T-1



**GENERAL CONSTRUCTION NOTES:**

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

**APPLICABLE CODES, REGULATIONS AND STANDARDS:**

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

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

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

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

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

ANY AND ALL OTHER LOCAL & STATE LAWS AND REGULATIONS

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

**ABBREVIATIONS**

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

**SYMBOLS LEGEND**

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



borgesarch.com

1478 STONE POINT DRIVE, SUITE 350  
ROSEVILLE CA 95661  
916 782 7200 TEL  
916 773 3037 FAX



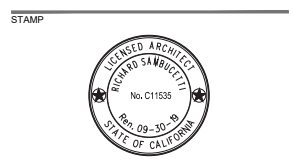
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240 STOCKTON STREET, 3RD FLOOR  
SAN FRANCISCO, CA 94108



5001 EXECUTIVE PARKWAY  
SAN RAMON, CA 94583

2	04/04/18	Plan Check
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REV	DATE	DESCRIPTION



DRAWN BY: JVM PROJECT NO: T-15512-7  
CHECK BY: B.K.W.

SHEET TITLE  
**GENERAL NOTES -  
LEGEND &  
ABBREVIATIONS**

SHEET NO.

**GN-1**



This Site Operated by:  
**AT&T MOBILITY**  
 5001 EXECUTIVE PARKWAY, SAN RAMON, CA 94583  
 IN CASE OF FIRE AND THE NEED FOR SHUTDOWN  
 TO DEACTIVATE ANTENNAS CALL THE  
 FOLLOWING NUMBER:  
 For 24 Hour Emergency Contact and Access Please Call:  
 (800) 832-6662

Reference Site#: CCL04727  
 Site Address: 318 Main Street, San Francisco, CA 94105

20 FENCED COMPOUND SIGNAGE  
N.T.S.



**DANGER**

**NO TRESPASSING**

19 FENCED COMPOUND SIGNAGE  
N.T.S.



**NOTICE**

**AUTHORIZED PERSONNEL ONLY**

18 DOOR / EQUIPMENT SIGN  
N.T.S.



0  
3 2  
ACID

17 NFPA HAZARD SIGN  
N.T.S.

**EMERGENCY SHUT DOWN**

**FOR IMMEDIATE SHUT DOWN OF ALL RADIO FREQUENCY EMISSIONS OF THIS SITE.**

1) CALL CONTACT NUMBER AND GIVE SITE IDENTIFICATION NO.:  
 CONTACT PHONE NUMBER:  
**1 (800) 242-7622**

SITE IDENTIFICATION NUMBER:  
 CCL04727

2) DISCONNECT POWER AT MAIN SERVICE DISCONNECT:  
 MAIN POWER DISCONNECT LOCATED IN THE MAIN POWER PANEL INSIDE EQUIPMENT ROOM LOCATED INSIDE BUILDING AT BASEMENT

3) DISCONNECT BACK-UP POWER AT BATTERY DISCONNECT:  
 BACKUP POWER DISCONNECT LOCATED IN THE MAIN POWER PANEL INSIDE EQUIPMENT ROOM LOCATED INSIDE BUILDING AT BASEMENT

16 EMERGENCY SHUTDOWN SIGNAGE  
N.T.S.

**NOTICE TO WORKERS**

STAY BACK 6 FEET FROM ANTENNA!

RADIO FREQUENCY ANTENNAS ON THIS ROOF. PLEASE EXERCISE CAUTION AROUND ANTENNAS AND OBEY POSTED SIGNS AND/OR MARKINGS. FOR ACCESS TO RESTRICTED AREAS OR FOR FURTHER INFORMATION, PLEASE CALL 1 (866) 400-6040, EXT. 5 (SITE NUMBER CCL04727)

IN ACCORDANCE WITH FCC RULES 47 CFR 1.1310

**AVISO A TRABAJADORES**

MANTENGASE A 6 PIES DE LA ANTENA!

EXISTEN ANTENAS DE RADIOFRECUENCIA EN ESTE TECHO. POR FAVOR USE PRECAUCION ALREDEDOR DE LAS ANTENAS Y OBEDEZCA A LAS ZONAS RESTRINGIDAS O PARA OBTENER MAS INFORMACION, LLAME AL TELEFONO 1 (866) 400-6040, EXT. 5 (NUMERO DE SITIO CCL04727)

DE ACUERDO A LAS REGLAS DE FCC 47 CFR 1.1310

**工作人員注意**

請站在天線以外 6 英尺!

此屋宇房頂有新架天線裝置  
 在天線範圍內請保持小心,並遵照各已張貼之指示  
 及/或標誌進行  
 如需進入受限範圍或索取更多資料  
 請致電 (866) 400-6040, EXT. 5 此號碼: 5F0227A

號碼: 5F0227A

15 ANTENNA CLEARANCE SIGNAGE  
N.T.S.

Property of AT&T

**Authorized Personnel Only**

No Trespassing  
 Violators will be Prosecuted

In case of emergency, or prior to performing maintenance on this site, call: 1 (800) 832-6662 and reference cell site number: CCL04727

14 GATE SIGNAGE  
N.T.S.

Property of AT&T

**Authorized Personnel Only**

In case of emergency, or prior to performing maintenance on this site, call: 1 (800) 832-6662 and reference cell site number: CCL04727

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

**INFORMATION**

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

CONTACT THE OWNERS OF THE ANTENNAS BEFORE WORKING CLOSER THAN 3 FEET FROM THE ANTENNAS

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

THIS IS SITE # CCL04727  
 CONTACT THE MANAGEMENT OFFICE IF THIS DOOR/HATCH/GATE IS FOUND UNLOCKED.

**INFORMACION**

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

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

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

ESTA ES LA ESTACION BASE NUMERO CCL04727  
 FAVOR COMUNICARSE CON LA OFICINA DE LA ADMINISTRACION DEL EDIFICIO SI ESTA PUERTA O CUBIERTA SE ENCUENTRA SIN CERRADA.

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

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

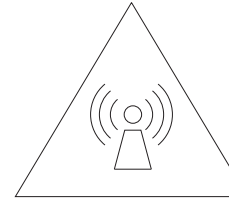
- CONTRACTOR SHALL INSTALL ALL INFORMATION SIGNAGE IN ACCORDANCE w/ AT&T WIRELESS DOCUMENT #03-0074, RF EXPOSURE POLICY AND RF SAFETY COMPLIANCE PROGRAM, LATEST EDITION.
- FABRICATION:  
 \*SIGN 1-1: ENTRANCE DOOR, SEE DETAIL 1A, THIS SHEET  
 SIGN 1 IS TO BE MADE ON THE 50 MIL ALUMINUM SHEETING (SIZE 8 INCHES BY 12 INCHES) w/ FOUR (4) 1/4" INCH MOUNTING HOLES, ONE EACH CORNER OF THE SIGN FOR MOUNTING w/ HARDWARE w/ TIE WRAPS. THE MAIN BACKGROUND COLOR IS TO BE WHITE FRONT & BACK w/ BLACK LETTERING.

THE INFORMATION BAND SHALL BE 1.2 INCH SOLID GREEN BAND w. 0.5 INCH HIGH BLACK LETTERING. THE BODY TEXT SHALL BE IN BLACK LETTERING w/0.2 INCH HIGH LETTERS. THE REF LINE SHALL BE IN 3/8" INCH LETTERS.

11 INFORMATION SIGNAGE  
N.T.S.

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

**WARNING**



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

Ref: FCC 47CFR 1.1307(b)

9 CAUTION AND WARNING SIGN  
N.T.S.

**INFORMATION**

ACTIVE ANTENNAS ARE MOUNTED

ON THE OUTSIDE FACE OF THIS BUILDING

INFORMATION SIGN 1-2

ON THIS STRUCTURE

STAY BACK A MINIMUM OF 3 FEET FROM THESE ANTENNAS

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

THIS IS AT&T MOBILITY SITE: CCL04727

**at&t**

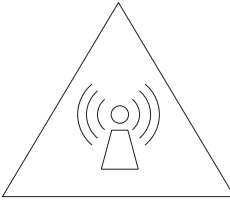
INFORMATION SIGN 1-3  
 SCALE: 1/2" = 1'

STAY BACK FROM ANTENNA

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

- \*SIGN 1-2: POLE, SEE DETAIL 1B, THIS SHEET
- SIGN 2 MUST BE A NON METALLIC LABEL w/ AN ADHESIVE BACKING, THE LABEL SHALL BE MADE USING VINYL OR SIMILAR WEATHERPROOF MATERIAL. THE LABEL SHALL BE APPROXIMATELY 5X7 INCHES w/ A WHITE BACKGROUND AND BLACK LETTERING. THE GREEN BAND SHALL BE 1.375 INCH IN HEIGHT & THE LETTERING SHALL BE BLACK w/ 0.75 INCH HIGH LETTERS. THE TEXT LETTERING SHALL BE BLACK w/ 1/8" INCH HIGH LETTERS. UV PROTECTION SHALL BE PLACED OVER THE FRONT OF THE LABEL.
- \*SIGN 1-3: BACK OF ANTENNAS, SEE DETAIL 1C & 3, THIS SHEET
- \*SIGN 3 IS A 1 INCH X 2 INCH PANEL THAT CAN BE APPLIED TO THE BACK OR SIDE OF AN ANTENNA TO IDENTIFY IT AS AN AT&T ANTENNA.
- \*SIGN 1-4: SIDE OF ANTENNAS, SEE DETAIL 1D & 3, THIS SHEET
- SIGN 4 IS MADE FROM TRANSPARENT MATERIAL 1-1/2 INCHES WIDE & 24 INCHES LONG. THE LETTERING IS TO BE BLACK w/ 1/2" INCH LETTERING IN A VERTICAL COLUMN. THE SPACING BETWEEN WORDS MUST BE SUCH THAT IT IS EASILY READ & FILLS THE LENGTH OF THE SIGN.

**CAUTION**

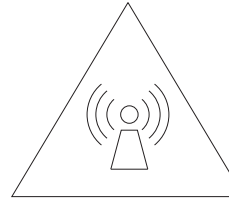


**Beyond This Point** you are entering a controlled area where RF Emissions may exceed the FCC Controlled Exposure limits  
 Obey all posted signs and site guidelines for working in an RF environment

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

- SIGNAGE AND STRIPING INFORMATION
- THE FOLLOWING INFORMATION IS A GUIDELINE w/ RESPECT TO PREVAILING STANDARDS LIMITING HUMAN EXPOSURE TO RADIO FREQUENCY ENERGY AND SHOULD BE USED AS SUCH. IF THE SITE'S EMF REPORT OR ANY LOCAL, STATE OR FEDERAL GUIDELINES OR REGULATIONS SHOULD BE IN CONFLICT w/ ANY PART OF THESE NOTES OR PLANS, THE MORE RESTRICTIVE GUIDELINE OR REGULATION SHALL BE FOLLOWED AND OVERRIDE THE LESSER.
  - THE PUBLIC LIMIT OF RF EXPOSURE ALLOWED BY AT&T IS 1mW/cm<sup>2</sup> AND THE OCCUPATIONAL LIMIT OF RF EXPOSURE ALLOWED BY AT&T IS 5mW/cm<sup>2</sup>
  - IF THE BOTTOM OF THE ANTENNA IS MOUNTED (8) EIGHT FEET ABOVE THE GROUND OR WORKING PLATFORM LINE OF THE PERSONAL COMMUNICATION SYSTEM (PCS) AND DOES NOT EXCEED THE PUBLIC LIMIT OF RF EXPOSURE LIMIT THEN NO STRIPING OR BARRICADES SHOULD BE NEEDED.
  - IF THE PUBLIC LIMIT OF RF EXPOSURE ON THE SITE IS EXCEEDED AND THE AREA IS PUBLICLY ACCESSIBLE (e.g. ROOF ACCESS DOOR THAT CANNOT BE LOCKED, OR FIRE EGRESS) THEN BOTH BARRICADES AND STRIPING SHALL BE PLACED AROUND THE ANTENNAS. THE EXACT EXTENT OF THE BARRICADES AND STRIPING SHALL BE DETERMINED BY THE EMF REPORT FOR THE SITE DONE BEFORE OR SHORTLY AFTER COMPLETION OF SITE CONSTRUCTION. USE THE PLANS AS A GUIDELINE FOR PLACEMENT OF SUCH BARRICADES AND STRIPING.
  - IF THE PUBLIC LIMIT OF RF EXPOSURE ON THE SITE IS EXCEEDED AND THE AREA IS PUBLICLY ACCESSIBLE (e.g. ROOF ACCESS DOOR THAT CANNOT BE LOCKED, OR FIRE EGRESS) THEN BOTH BARRICADES AND STRIPING SHALL BE PLACED AROUND THE ANTENNAS. THE EXACT EXTENT OF THE BARRICADES AND STRIPING SHALL BE DETERMINED BY THE EMF REPORT FOR THE SITE DONE BEFORE OR SHORTLY AFTER COMPLETION OF SITE CONSTRUCTION. USE THE PLANS AS A GUIDELINE FOR PLACEMENT OF SUCH BARRICADES AND STRIPING.
  - ALL TRANSMIT ANTENNAS REQUIRE A THREE LANGUAGE WARNING SIGN WRITTEN IN ENGLISH, SPANISH, AND CHINESE. THIS SIGN SHALL BE PROVIDED TO THE CONTRACTOR Y THE AT&T CONSTRUCTION PROJECT MANAGER AT THE TIME OF CONSTRUCTION. THE LARGER SIGN SHALL BE PLACED IN PLAIN SIGHT AT ALL ROOF ACCESS LOCATIONS AND ON ALL BARRICADES. THE SMALLER SIGN SHALL BE PLACED ON THE ANTENNA ENCLOSURES IN A MANNER THAT IS EASILY SEEN BY ANY PERSON ON THE ROOF. WARNING SIGNS SHALL COMPLY w/ ANSI O95.2 COLOR, SYMBOL, AND CONTENT CONVENTIONS. ALL SIGNS SHALL HAVE AT&T'S NAME AND THE COMPANY CONTACT INFORMATION (e.g. TELEPHONE NUMBER) TO ARRANGE FOR ACCESS TO THE RESTRICTED AREAS. THIS TELEPHONE NUMBER SHALL BE PROVIDED TO THE CONTRACTOR BY THE AT&T CONSTRUCTION PROJECT MANAGER AT THE TIME OF CONSTRUCTION.
  - PHOTOS OF ALL STRIPING, BARRICADES & SIGNAGE SHALL BE PART OF THE CONTRACTORS CLOSE OUT PACKAGE & SHALL BE TURNED INTO THE AT&T CONSTRUCTION PROJECT MANAGER AT THE END OF CONSTRUCTION. STRIPING SHALL BE DONE w/ FADE RESISTANT YELLOW SAFETY PAINT IN A CROSS-HATCH PATTERN AS DETAILED BY THE CONSTRUCTION DRAWINGS. ALL BARRICADES SHALL BE MADE OF AN RF FRIENDLY MATERIAL SO AS NOT TO BLOCK OR INTERFERE w/ THE OPERATION OF THE ANTENNAS. BARRICADES SHALL BE PAINTED w/ FADE RESTRAINT YELLOW SAFETY PAINT. THE CONTRACTOR SHALL PROVIDE ALL RF FRIENDLY BARRICADES NEEDED, & SHALL PROVIDE THE AT&T CONSTRUCTION PROJECT MANAGER w/ A DETAILED SHOP DRAWING OF EACH BARRICADE. UPON CONSTRUCTION COMPLETION.

**NOTICE**



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

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

1 NOTICE SIGN  
N.T.S.

ARCHITECTURAL GROUP  
**Borges**

borgesarch.com  
 1478 STONE POINT DRIVE, SUITE 350  
 ROSEVILLE CA 95661  
 916 782 7200 TEL  
 916 773 3037 FAX



modus-corp.com


240 STOCKTON STREET, 3RD FLOOR  
 SAN FRANCISCO, CA 94108



5001 EXECUTIVE PARKWAY  
 SAN RAMON, CA 94583

REV	DATE	DESCRIPTION
2	04/04/18	Plan Check
1	11/08/17	100% CD Submittal
0	10/03/17	90% CD Submittal

STAMP



REGISTERED ARCHITECT  
 RICHARD SAMBUCCI  
 No. C11535  
 Exp. 09-30-19  
 STATE OF CALIFORNIA

DRAWN BY: J.V.M. PROJECT NO: T-15512-7  
 CHECK BY: B.K.W.  
 SHEET TITLE

SITE SIGNAGE

SHEET NO.



**2.06 Submittal Requirements for Cellular Antenna Sites**

2.06 Submittal Requirements for Cellular Antenna Sites

REFERENCE: 2010 SFBC, 2010 SFFC, 2010 SFMC and FCC OET Bulletin 65 (97-01)

PROVIDED. SEE SHT. T-1 ☒

1. Provide a description of work on the plans.

PROVIDED. SEE SHT. A-2.1 TO A-3.2 ☒

2. Plans shall include plan views and elevations showing all equipment locations and cable runs.

PROVIDED. SEE SHT. A-3.2 ☒

3. Plans shall include antenna cut-sheets and equipment list on a drawing sheet.

PROVIDED. SEE EME SHEETS ☒

4. Include a copy of the signed and stamped RF report on a drawing sheet as a reference to identify the exclusion area required to prevent occupational exposures in excess of the FCC guidelines (47CFR1.1310 and FCC OET Bulletin 65 edition 97-01).

PROVIDED. SEE EME SHEETS ☒

5. The RF report shall indicate whether or not the site under review is a part of a multiple transmitter site and shall show compliance with FCC 47CFR1.1307(b)(3), as amended - all transmitters shall not exceed 5% of the power density exposure limit.

PROVIDED. SEE SHT. A-2.1 ☒

6. Drawings shall reflect the striped/exclusion areas for workers per the above RF Report with a minimum radius of 1 foot.

PROVIDED. SEE EME SHEETS ☒

7. Plans shall include a quantitative three-dimensional image of the RF levels from each antenna located near an egress point (e.g. penthouse stair; fire escape, roof walking paths; skylights, etc.).

PROVIDED. SEE SHT. GN-2 ☒

8. "Notice to Workers" warning signage, as applicable per the above RF Report, shall be permanently mounted at the stairwell side of the roof-access door (ANSI C95.2-1982 (Reference [3]) - yellow or more durable color for outdoor longevity)

PROVIDED. SEE SHT. GN-2 ☒

9. Camouflaged antennas shall have 4inch x 4inch signage permanently mounted to the exterior of the RF screen as provided below. The sign shall be weatherproof with contrasting background color and shall contain the yellow triangle around the antenna symbol (ANSI C95.2-1982 (Reference [3]) - yellow or more durable color for outdoor longevity). Signage location(s) and detail of the sign shall be included on the plans.

PROVIDED. SEE SHT. A-3.2 ☒

10. Cables/wiring shall not be allowed in exit enclosures, smoke-proof towers, elevator shafts, or in front of dry standpipes. 2010 CFC 1022.4 and 509.2

PROVIDED. SEE SHT. A-013 ☒

11. Antennas shall not be mounted closer than the exclusion zone plus 4 feet for installations near fire escapes, stair penthouse doors, exterior standpipe outlets, skylights, or other fire department operations consideration.

PROVIDED. SEE SHEETS GN-2 & A-2.2 ☒

12. There is no guarantee that the fire department will not shut down the power to the site in an emergency situation although in order to reduce the site operator's possible loss of service the following information may be provided at the equipment room entrance:

- Provide emergency shutdown procedure signage. The sign shall include the following:
  1. Emergency 24 hour/7 day a week NOC / field technician telephone number for RF shut-down
  2. Cell site identification number
  3. Map to location of electrical main - electrical main shall be clearly identified with a permanent red label and white lettering.
  4. Map to location of battery cabinets and breakers - cabinets and breakers shall be clearly identified with a permanent red label and white lettering.
  5. Any other relevant information or procedures as required for the individual cellular site.
- The sign shall be clearly labeled in a phenolic label with a white background and black lettering. The title block shall be a red background and 1" high white lettering. Multiple signs may need to be installed based upon the cellular site configuration.
- A copy of the signage shall be included on a drawing sheet.



2	04/04/18	Plan Check
1	11/08/17	100% CD Submittal
0	10/03/17	90% CD Submittal
REV	DATE	DESCRIPTION

STAMP



DRAWN BY: J.V.M. PROJECT NO.: T-15512-7

CHECK BY: B.K.W.

SHEET TITLE

**FIRE CHECKLIST**

SHEET NO.

Statement of Hammett & Edison, Inc., Consulting Engineers

The firm of Hammett & Edison, Inc., Consulting Engineers, has been retained on behalf of AT&T Mobility, a personal wireless telecommunications carrier, to evaluate proposed modifications to its existing base station (Site No. CCL04727) located at 318 Main Street in San Francisco, California, for compliance with appropriate guidelines limiting human exposure to radio frequency ("RF") electromagnetic fields.

Background

The San Francisco Department of Public Health has adopted an 11-point checklist for determining compliance of proposed WTS facilities or proposed modifications to such facilities with prevailing safety standards. The acceptable limits set by the FCC for exposures of unlimited duration are:

Wireless Service	Frequency Band	Occupational Limit	Public Limit
Microwave (Point-to-Point)	5-80 GHz	5.00 mW/cm <sup>2</sup>	1.00 mW/cm <sup>2</sup>
WiFi (and unlicensed uses)	2-6	5.00	1.00
BRS (Broadband Radio)	2,600 MHz	5.00	1.00
WCS (Wireless Communication)	2,300	5.00	1.00
AWS (Advanced Wireless)	2,100	5.00	1.00
PCS (Personal Communication)	1,950	5.00	1.00
Cellular	870	2.90	0.58
SMR (Specialized Mobile Radio)	855	2.85	0.57
700 MHz	700	2.40	0.48
[most restrictive frequency range]	30-300	1.00	0.20

Checklist

Reference has been made to information provided by AT&T, including zoning drawings by Borges Architectural Group, dated July 3, 2017. It should be noted that the calculation results in this Statement include several "worst-case" assumptions and therefore are expected to overstate actual power density levels from the proposed operations.

1. The location, identity, and total number of all operational radiating antennas installed at this site.  
AT&T had installed six CCI directional panel antennas – three Model HPA-33R-BUU-H4 and three Model BSA-M65R-BUU-H4 – in two groups of three on the northeast and northwest sides of the mechanical equipment penthouse above the roof of the eight-story residential building located at 318 Main Street in San Francisco. There are reported no other wireless base stations installed at the site.

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

There have been observed small WTS facilities on light poles at the south and north corners of the intersection between Main and Folsom Streets.

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

AT&T proposes to install three additional antennas and to re-orient the existing 315°T antennas toward 300°T. This is consistent with the scope of work described in the drawings for transmitting elements.

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

AT&T proposes to add three CCI Model HPA-33R-BUU-H4 directional panel antennas as a new, third group, mounted at the south corner of the mechanical equipment penthouse. The nine antennas would employ up to 15° downtilt, would be mounted at an effective height of about 97 feet above ground, 9 feet above the roof, and would be oriented in groups of three toward 45°T (Model HPA), 180°T (Model HPA), and 300°T (Model BSA).

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

The maximum existing RF level for a person on the roof near the antennas was measured\* to be 57% of the applicable public exposure limit. The maximum existing RF level for a person at ground near the site was measured† to be 0.0012 mW/cm<sup>2</sup>, which is 0.60% of the most restrictive public limit.

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

The maximum effective radiated power proposed by AT&T in any direction would be 20,770 watts, representing simultaneous operation at 4,540 watts for WCS, 6,060 watts for AWS, 5,560 watts for PCS, 1,970 watts for cellular, and 2,640 watts for 700 MHz service.

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

The maximum calculated level at any nearby building is 70% of the public exposure limit; this occurs at the building located to the south, about 65 feet away.

\* March 21, 2017, using calibrated Narda Type NBM-520 Broadband Field Meter with Type EA-5091 Isotropic Broadband Electric Field Probe (Serial No. 01035).  
† March 21, 2017, using calibrated Narda Type NBM-520 Broadband Field Meter with Type EF-0391 Isotropic Broadband Electric Field Probe (Serial No. D-0454).

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 0.037 mW/cm<sup>2</sup>, which is 4.0% of the applicable public exposure limit. Cumulative RF levels at ground level near the site are therefore estimated to be less than 5% of 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 40 feet out from the antenna faces, respectively, and to much lesser distances above, below, and to the sides; this does not reach any publicly accessible areas.

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

Due to their mounting location, requiring passage through a locked door to reach the roof, the antennas would not be accessible to the general public, and so no mitigation measures are necessary to comply with the FCC public exposure guidelines. To prevent occupational exposures in excess of the FCC guidelines, it is recommended that authorized personnel with access to the roof be notified of the extent of areas in which exposure levels are calculated to exceed the applicable public limit; a descriptive diagram, such as that shown in Figure 1, should be posted on the inside of the roof access door, along with explanatory signs, and boundary markings placed as shown. It is recommended that appropriate RF safety training, to include review of personal monitor use and lockout/tag out procedures, be provided to all authorized personnel, including employees and contractors of AT&T and of the property owner. No access within the identified areas, such as might occur during certain maintenance activities on the roof, should be allowed while the pertinent antennas are in operation, unless other measures can be demonstrated to ensure that occupational protection requirements are met.

11. Statement of authorship and qualification.

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

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

Conclusion

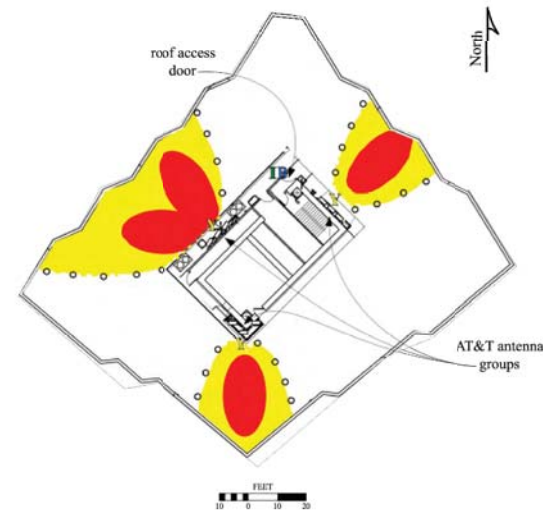
Based on the information and analysis above, it is the undersigned's professional opinion that operation of the base station proposed by AT&T Mobility at 318 Main Street in San Francisco, California will comply with the prevailing standards for limiting public exposure to radio frequency energy and, therefore, will not for this reason cause a significant impact on the environment. The highest calculated level in publicly accessible areas is much less than the prevailing standards allow for exposures of unlimited duration. This finding is consistent with measurements of actual exposure conditions taken at other operating base stations. Training authorized personnel, marking area boundaries, and posting explanatory signs are recommended to establish compliance with occupational exposure limits.



August 18, 2017

Calculated RF Exposure Levels on Roof

- Recommended Mitigation Measures**
- Mark roof area boundaries as shown (roof access door locked)
  - Post explanatory signs
  - Provide training



Notes: See text.  
Base drawing from Borges Architectural Group, dated July 3, 2017.  
Calculations performed according to OET Bulletin 65, August 1997.

Legend:	Less Than Public	Exceeds Public	Exceeds Occupational	Exceeds 10x Occupational
Color	blank	Yellow	Red	Orange
Sign type	Green INFORMATION	Blue NOTICE	Yellow CAUTION	Orange WARNING
Barricades shown as green lines	Green lines			



borgesarch.com

1478 STONE POINT DRIVE, SUITE 350  
ROSELVILLE CA 95661  
916 782 7200 TEL  
916 773 3037 FAX



modus-corp.com

240 STOCKTON STREET, 3RD FLOOR  
SAN FRANCISCO, CA 94108



5001 EXECUTIVE PARKWAY  
SAN RAMON, CA 94583

REV	DATE	DESCRIPTION
2	04/04/18	Plan Check
1	11/08/17	100% CD Submittal
0	10/03/17	90% CD Submittal

STAMP



DRAWN BY: JVM PROJECT NO: T-15512-7

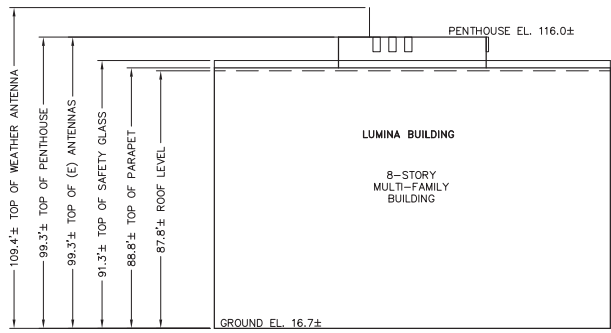
CHECK BY: B.K.W.

SHEET TITLE

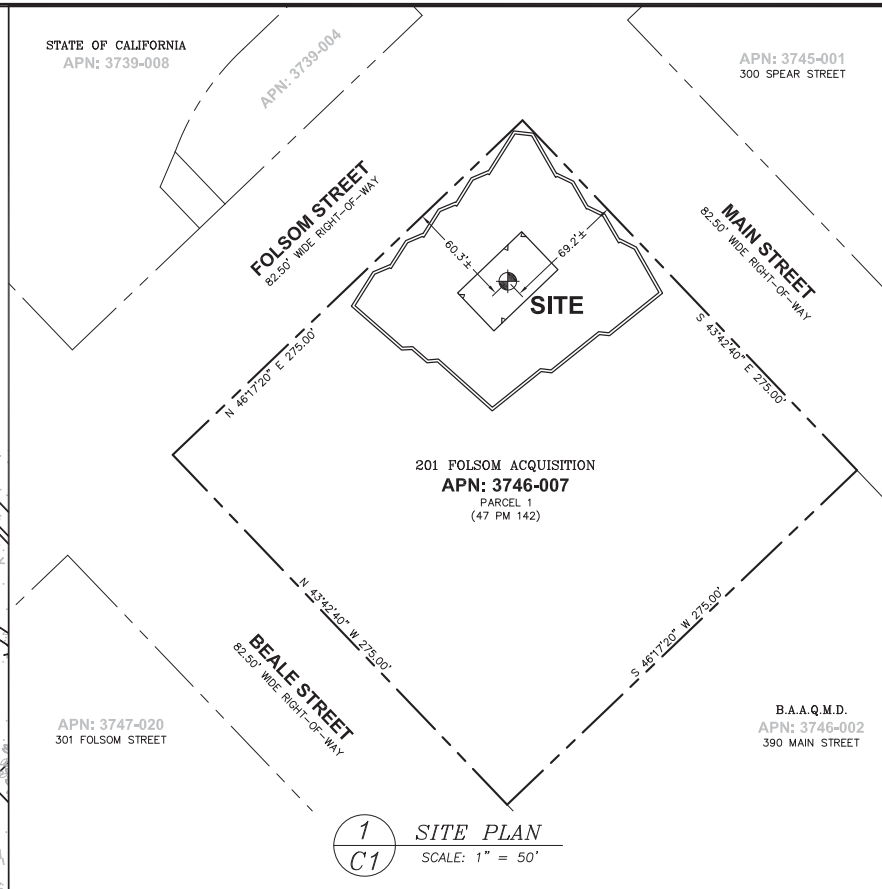
RF STUDY &  
EMERGENCY  
SIGNAGE REPORT

SHEET NO.

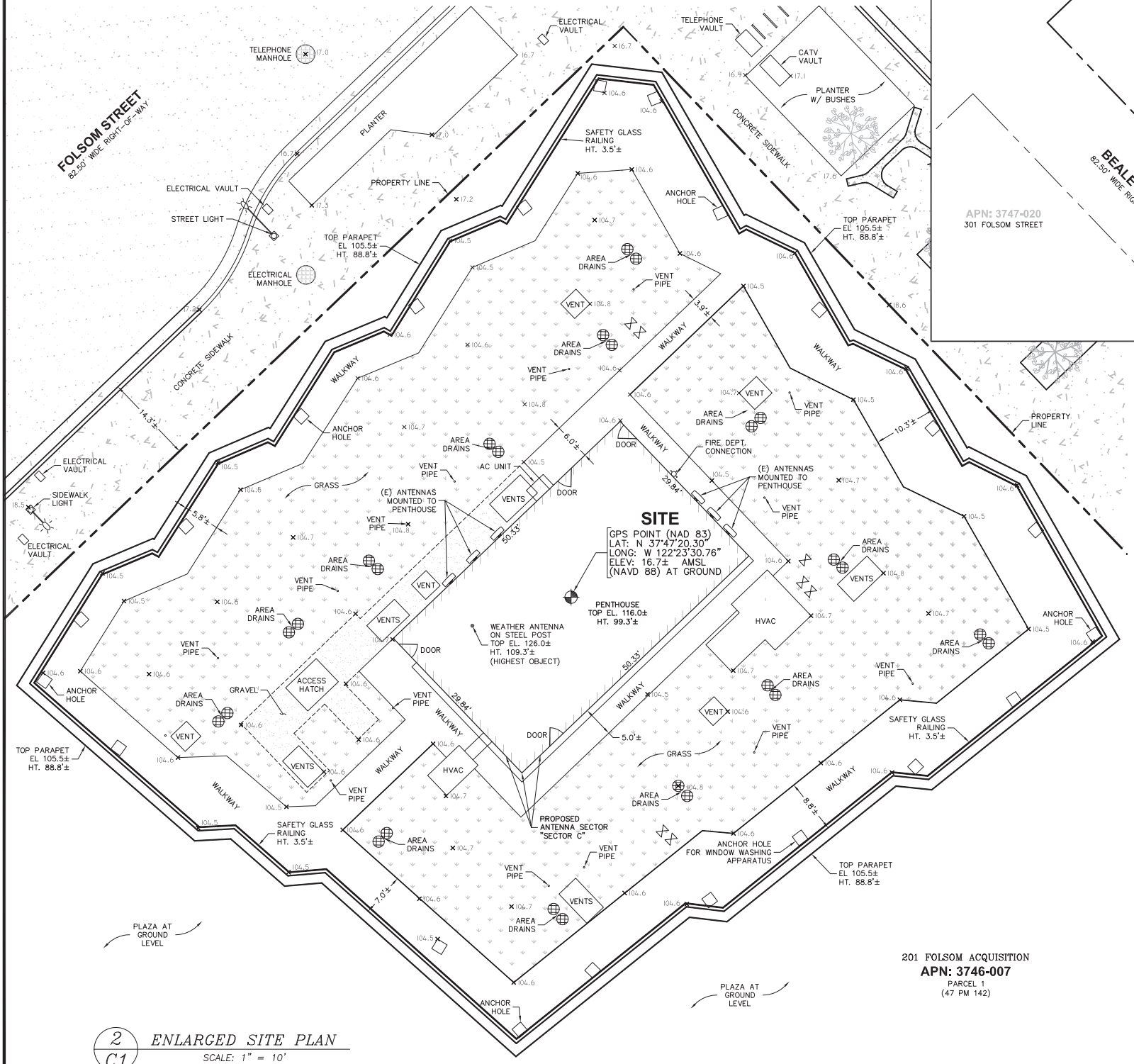
EME-1



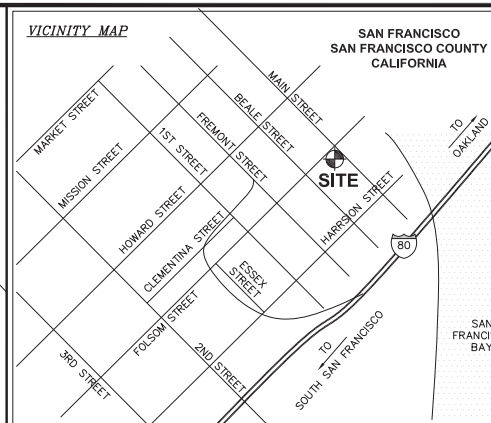
**3 BUILDING ELEVATION**  
SCALE: 1" = 30'



**1 SITE PLAN**  
SCALE: 1" = 50'



**2 ENLARGED SITE PLAN**  
SCALE: 1" = 10'



**PROPERTY INFORMATION**

Owner: 201 FOLSOM ACQUISITION  
Address: 111 WEST 67TH STREET, #43F  
NEW YORK, NY 10023

Site: CCL04727 / PODIUM BUILDING A AT 318 MAIN  
Address: 318 MAIN STREET  
SAN FRANCISCO, CA 94105

Assessor's Parcel Number: 3746-007

Height of Building/Tower: 99.3'± A.G.L. TOP OF PENTHOUSE

Title Report:  
NO TITLE REPORT FURNISHED.

Legal Description:  
PROPERTY SITUATED IN THE CITY OF SAN FRANCISCO, COUNTY OF SAN FRANCISCO, STATE OF CALIFORNIA.

**FEMA FLOOD ZONE DESIGNATION** National Flood Insurance Program  
County: SAN FRANCISCO

San Francisco does not participate in the FEMA program.

**SURVEY DATA**

NAD 83 Datum:  
Lat: N 37°47'20.30" Long: W 122°23'30.76"  
Datum Base: NAD 83 Equipment Used: Topcon Hiperlite Receiver  
(See Note 2)

Site Ground Elevation: 16.7'± AMSL (NAVD88) AT N.W. BUILDING CORNER

Basis of Elevations:  
GLOBAL POSITIONING SYSTEM (GPS)  
(SEE NOTE 2)

Basis of Bearings:  
CALIFORNIA COORDINATES ZONE III AND BEST FIT WITH EXISTING IMPROVEMENTS

Date of Field Survey: OCTOBER 28, 2016 / JULY 31, 2017

**NOTES**

1.) This is not a boundary survey. This is a specialized topographic map with property lines and easements being a graphic depiction of various information gathered from preliminary title reports, back-up documents of record, maps and available monuments found during the field survey. No property monuments were set. No title research was performed by Quiet River Land Services, Inc.

2.) The latitude, longitude and elevation shown herein were derived from post-processed L-1/L-2 data collected using Navstar Global Positioning System (GPS) and a Topcon Hiperlite Receiver. Topcon specifications report decimeter level accuracy (horizontally) when data is properly collected and processed. (Elevation = ±3.0 feet.)

3.) Unless otherwise noted, no underground utility locating service company was contacted prior to this map being prepared; therefore, there may be non-visible or obscure utilities existing on the property not shown on this map - so CALL BEFORE YOU DIG.

4.) Any electronic digital media provided by Quiet River Land Services, Inc. to our client is a courtesy and is not to be reproduced, distributed, sold, altered, revised, edited or amended without the express written consent of an Officer of Quiet River Land Services, Inc. Further, only the final stamped, signed and dated original "hard copy" version of our survey or map is considered to be our legally recognized product.

**SURVEYOR'S STATEMENT**

I, the undersigned, a Registered Professional Land Surveyor licensed under the laws of the State of California do hereby state that the information, measurements, easements, record boundary lines, bearings and distances as shown herein are based upon a field survey as dated above and upon items of public records and data contained in a title report, as referenced. Furthermore, the Latitude and Longitude coordinates are reported in NAD 83 Datum and are accurate to within ±1.5 feet horizontally, and the ground elevation, reported in NAVD 1988 Datum, is within ±3 feet vertically. The coordinate values and elevations are within the 1-k Accuracy Code designation as listed in the A.S.A.C. information Sheet 91:003 and are accurate to the best of my knowledge and belief.

SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

**LEGEND**

APN: ASSESSOR'S PARCEL NUMBER	ASPHALT
CP: CONTROL POINT	CONCRETE
EL: ELEVATION	CONTROL POINT
FH: FIRE HYDRANT	FOUND MONUMENT
FND: FOUND	GPS POINT
HT: HEIGHT	MONUMENT TO MONUMENT
MON: MONUMENT	P 15.3 R 12.3 PARAPET/ROOF ELEVATIONS
(M-M) MONUMENT TO MONUMENT	× 12.3 SPOT ELEVATION
P.O.B. POINT OF BEGINNING	TEMPORARY BENCHMARK
P.O.C. POINT OF COMMENCEMENT	
R-O-W RIGHT-OF-WAY	
(TYP.) TYPICAL	

DATE: AUGUST 2, 2017  
DRAWN BY: RO  
FILE NO.: MDCS17144

**REVISIONS**

DATE	DESCRIPTION	INITIAL
8/2/17	100% COMPLETE	RO

**at&t**  
AT&T MOBILITY  
5001 Executive Parkway  
San Ramon, CA 94583

**QUIET RIVER**  
Land Services Inc.  
6747 Sierra Court, Suite K  
Dublin, CA 94568  
(925) 734-6788 Phone

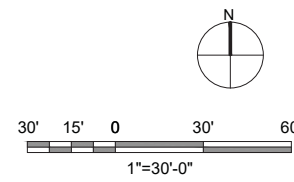
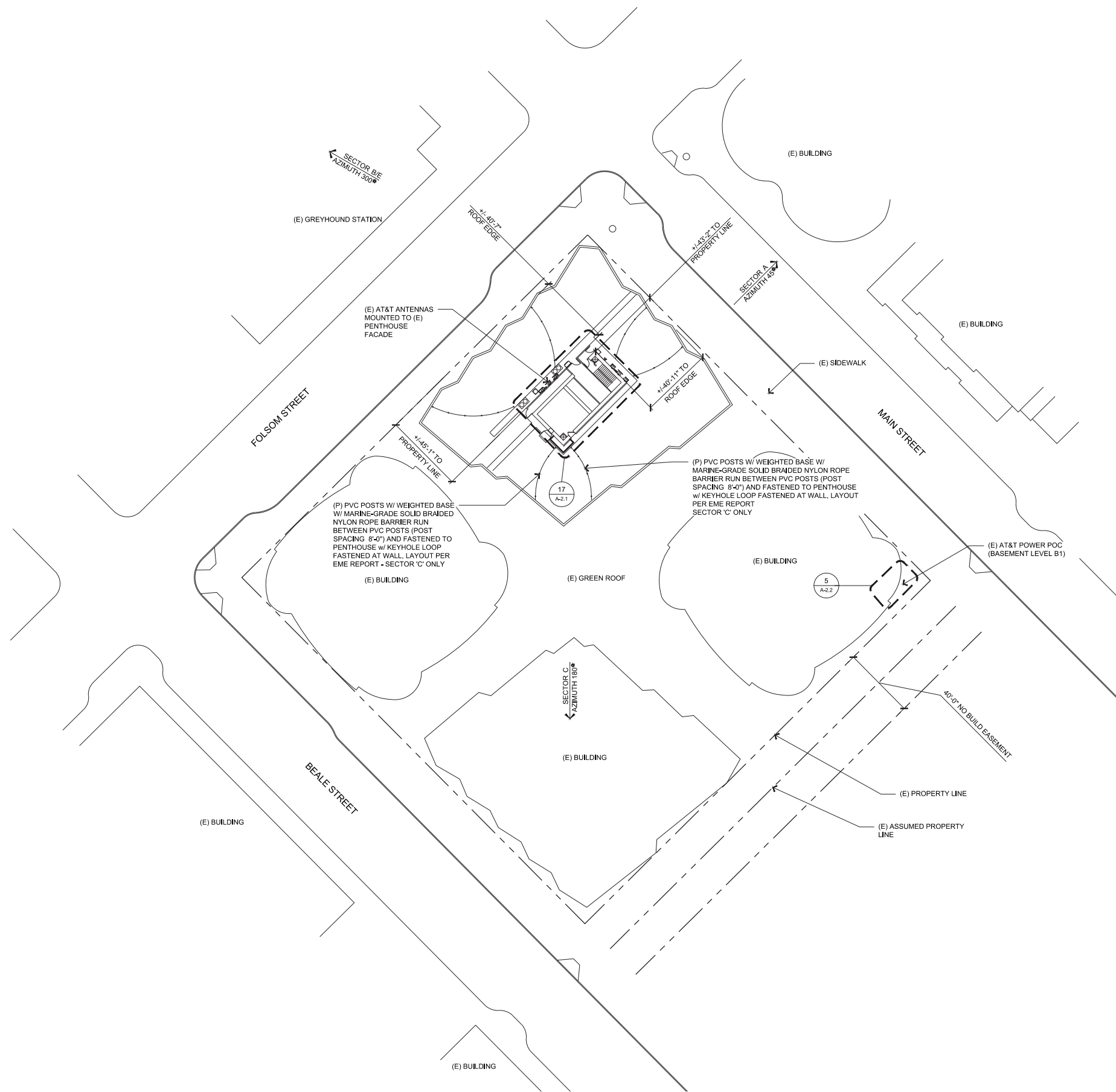
**EXISTING SITE CONDITIONS**

**SURVEYOR'S STATEMENT**

**CCL04727**  
PODIUM BUILDING A AT 318 MAIN  
318 MAIN STREET  
SAN FRANCISCO, CA 94105

**C1**  
OF 1 SHEET

Y:\MDCS17144\dwg\MDCS17144.dwg Aug. 03, 2017 - 12:30am: mschwartz



REV	DATE	DESCRIPTION
2	04/04/18	Plan Check
1	11/08/17	100% CD Submittal
0	10/03/17	90% CD Submittal

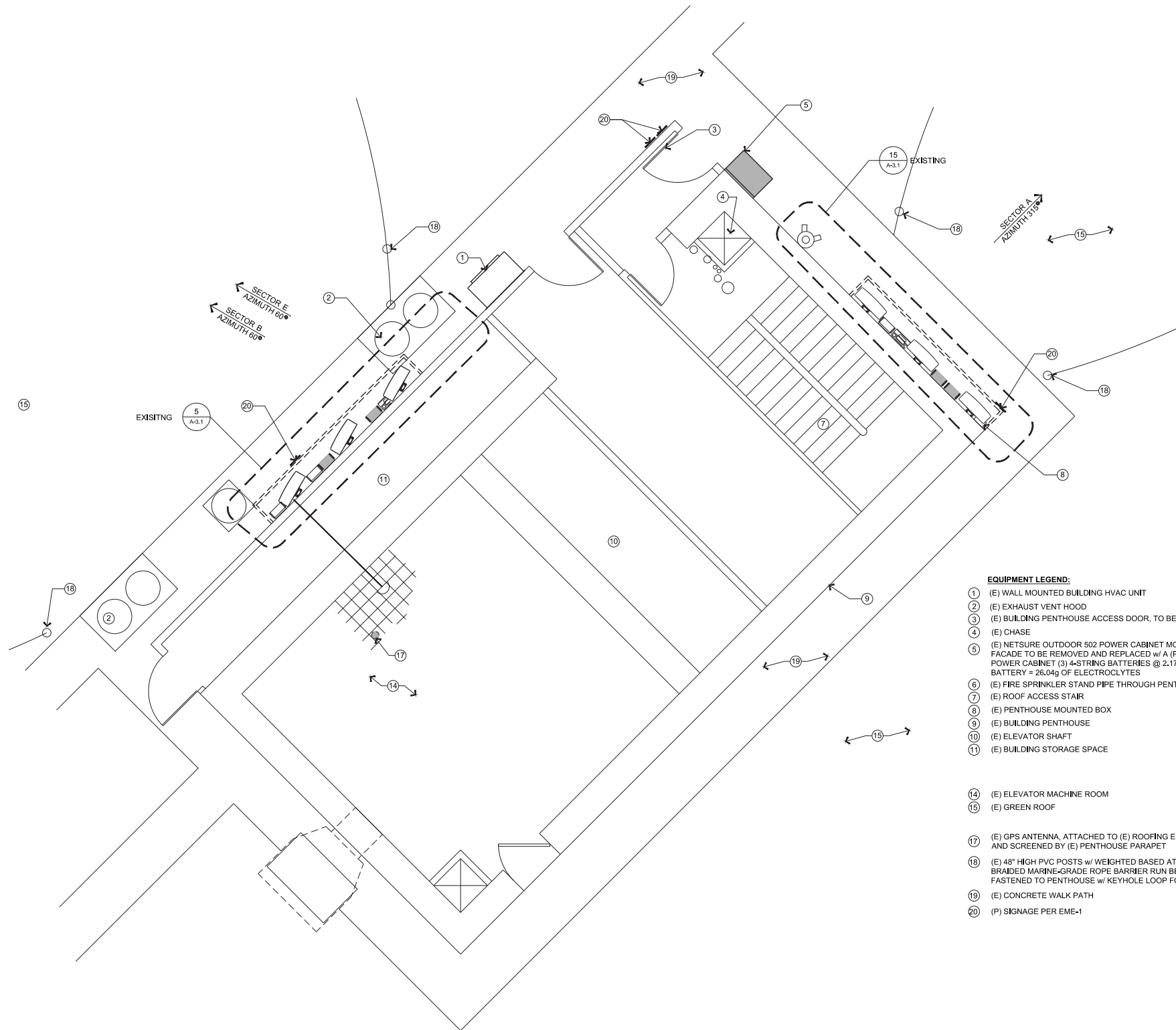
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DRAWN BY: J.V.M. PROJECT NO.: T-15512-7  
CHECK BY: B.K.W.  
SHEET TITLE

OVERALL SITE PLAN

SHEET NO.



- EQUIPMENT LEGEND:**
- ① (E) WALL MOUNTED BUILDING HVAC UNIT
  - ② (E) EXHAUST VENT HOOD
  - ③ (E) BUILDING PENTHOUSE ACCESS DOOR, TO BE LOCKED w/ KNOXBOX
  - ④ (E) CHASE
  - ⑤ (E) NETSURE OUTDOOR 502 POWER CABINET MOUNTED TO (E) PENTHOUSE FACADE TO BE REMOVED AND REPLACED w/ A (P) NETSURE OUTDOOR 512 POWER CABINET (3) 4-STRING BATTERIES @ 2.17g OF ELECTROLYTE PER BATTERY = 26.04g OF ELECTROLYTES
  - ⑥ (E) FIRE SPRINKLER STAND PIPE THROUGH PENTHOUSE WALL
  - ⑦ (E) ROOF ACCESS STAIR
  - ⑧ (E) PENTHOUSE MOUNTED BOX
  - ⑨ (E) BUILDING PENTHOUSE
  - ⑩ (E) ELEVATOR SHAFT
  - ⑪ (E) BUILDING STORAGE SPACE
  
  - ⑭ (E) ELEVATOR MACHINE ROOM
  - ⑮ (E) GREEN ROOF
  
  - ⑰ (E) GPS ANTENNA, ATTACHED TO (E) ROOFING ELEMENT ABOVE, RECESSED AND SCREENED BY (E) PENTHOUSE PARAPET
  - ⑱ (E) 48" HIGH PVC POSTS w/ WEIGHTED BASES AT 8'-0" SPACING w/ SOLID BRAIDED MARINE-GRADE ROPE BARRIER RUN BETWEEN AT 42" HIGH AND FASTENED TO PENTHOUSE w/ KEYHOLE LOOP FOR ACCESS - SEE 2/A-2.1
  - ⑲ (E) CONCRETE WALK PATH
  - ⑳ (P) SIGNAGE PER EME-1



REV	DATE	DESCRIPTION
2	04/04/18	Plan Check
1	11/08/17	100% CD Submittal
0	10/03/17	90% CD Submittal

STAMP



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CHECK BY: B.K.W.

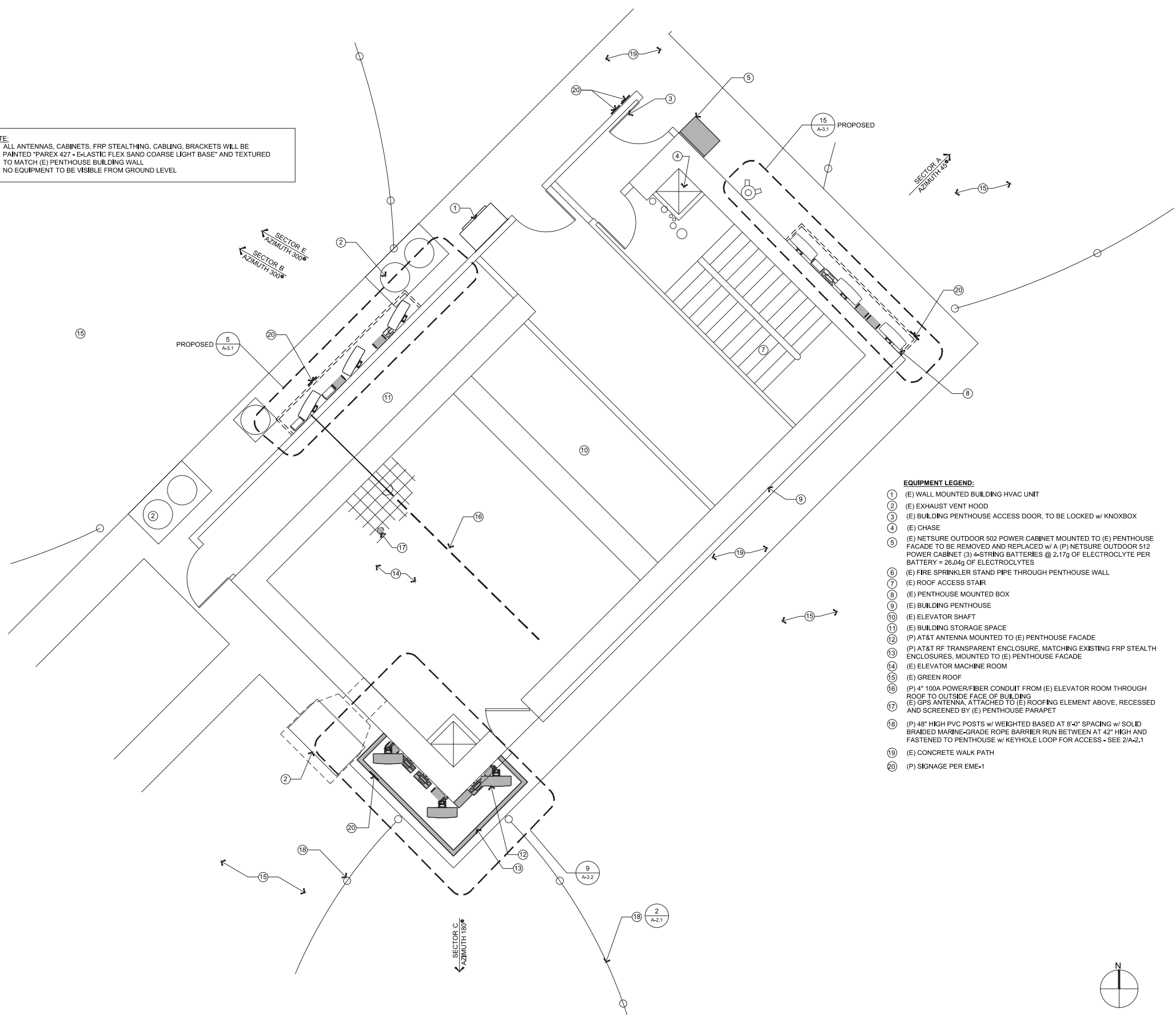
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**EXISTING  
ENLARGED ROOF  
PLAN**

SHEET NO.

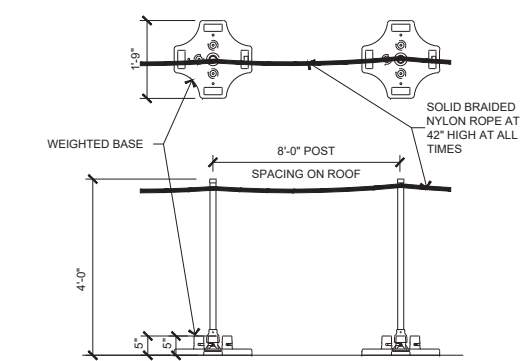


**NOTE:**

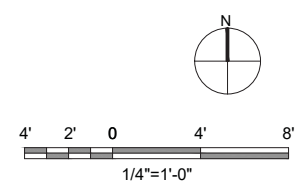
- ALL ANTENNAS, CABINETS, FRP STEALTHING, CABLING, BRACKETS WILL BE PAINTED "PAREX 427 - E-LASTIC FLEX SAND COARSE LIGHT BASE" AND TEXTURED TO MATCH (E) PENTHOUSE BUILDING WALL
- NO EQUIPMENT TO BE VISIBLE FROM GROUND LEVEL



- EQUIPMENT LEGEND:**
- 1 (E) WALL MOUNTED BUILDING HVAC UNIT
  - 2 (E) EXHAUST VENT HOOD
  - 3 (E) BUILDING PENTHOUSE ACCESS DOOR, TO BE LOCKED w/ KNOXBOX
  - 4 (E) CHASE
  - 5 (E) NETSURE OUTDOOR 502 POWER CABINET MOUNTED TO (E) PENTHOUSE FACADE TO BE REMOVED AND REPLACED w/ A (P) NETSURE OUTDOOR 512 POWER CABINET (3) 4-STRING BATTERIES @ 2.17g OF ELECTROLYTE PER BATTERY = 26.04g OF ELECTROLYTES
  - 6 (E) FIRE SPRINKLER STAND PIPE THROUGH PENTHOUSE WALL
  - 7 (E) ROOF ACCESS STAIR
  - 8 (E) PENTHOUSE MOUNTED BOX
  - 9 (E) BUILDING PENTHOUSE
  - 10 (E) ELEVATOR SHAFT
  - 11 (E) BUILDING STORAGE SPACE
  - 12 (P) AT&T ANTENNA MOUNTED TO (E) PENTHOUSE FACADE
  - 13 (P) AT&T RF TRANSPARENT ENCLOSURE, MATCHING EXISTING FRP STEALTH ENCLOSURES, MOUNTED TO (E) PENTHOUSE FACADE
  - 14 (E) ELEVATOR MACHINE ROOM
  - 15 (E) GREEN ROOF
  - 16 (P) 4" 100A POWER/FIBER CONDUIT FROM (E) ELEVATOR ROOM THROUGH ROOF TO OUTSIDE FACE OF BUILDING
  - 17 (E) GPS ANTENNA, ATTACHED TO (E) ROOFING ELEMENT ABOVE, RECESSED AND SCREENED BY (E) PENTHOUSE PARAPET
  - 18 (P) 48" HIGH PVC POSTS w/ WEIGHTED BASES AT 8'-0" SPACING w/ SOLID BRAIDED MARINE-GRADE ROPE BARRIER RUN BETWEEN AT 42" HIGH AND FASTENED TO PENTHOUSE w/ KEYHOLE LOOP FOR ACCESS - SEE 2/A-2.1
  - 19 (E) CONCRETE WALK PATH
  - 20 (P) SIGNAGE PER EME-1



**2 RF TRANSPARENT BARRIER GATE**  
1/2" = 1'-0"



REV	DATE	DESCRIPTION
2	04/04/18	Plan Check
1	11/08/17	100% CD Submittal
0	10/03/17	90% CD Submittal

STAMP



DRAWN BY: J.V.M. PROJECT NO: T-15512-7  
CHECK BY: B.K.W.

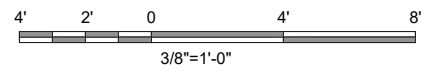
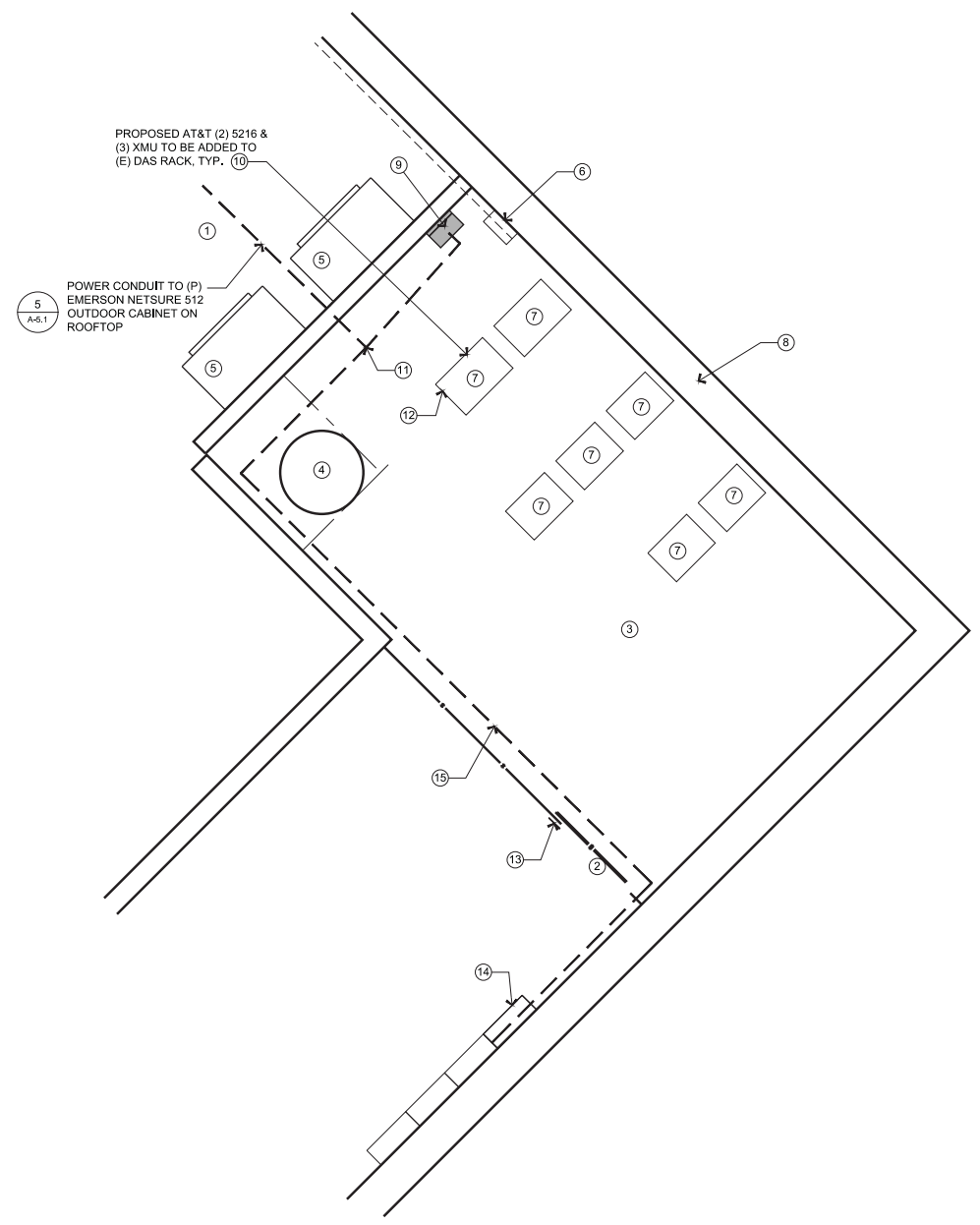
SHEET TITLE  
**PROPOSED ENLARGED ROOF PLAN**

SHEET NO.




2	04/04/18	Plan Check
1	11/08/17	100% CD Submittal
0	10/03/17	90% CD Submittal
REV	DATE	DESCRIPTION

- EQUIPMENT LEGEND:**
- ① (E) BASEMENT LEVEL
  - ② (E) DAS AREA ACCESS GATE
  - ③ (E) DAS EQUIPMENT AREA
  - ④ (E) BUILDING COLUMN
  - ⑤ (E) WALL MOUNTED HVAC UNIT
  - ⑥ (E) DAS ELEC PANEL
  - ⑦ (E) DAS EQUIPMENT RACKS
  - ⑧ (E) CONCRETE BUILDING WALL
  - ⑨ (P) AT&T 200A (24) BREAKER ELEC PANEL MOUNTED TO (P) P1000 UNISTRUT
  - ⑩ (E) 23" AT&T EQUIPMENT RACKS
  - ⑪ (P) POWER/FIBER ROUTE FROM (E) EQUIPMENT TO (P) ANTENNA TO FOLLOW (E) DAS ROUTING TO ROOF
  - ⑫ (P) #6 AWG GROUNDING TO (P) GROUND BAR, TYP. FROM (P) EQUIPMENT
  - ⑬ (E) EMERGENCY SHUTDOWN SIGNAGE
  - ⑭ (P) 200A 120/420V ELEC METER INSTALLED IN (E) EMPTY SOCKET IN (E) ELECTRICAL SWITCHGEAR
  - ⑮ (P) POWER CONDUIT ROUTE FROM (E) AT&T SOCKET AT ELEC METER TO (P) PANEL - FOLLOW (E) CONDUIT ROUTE



5 ENLARGED EQUIPMENT LAYOUT  
3/8" = 1'-0"



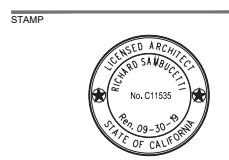
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CHECK BY: B.K.W.  
SHEET TITLE

**EQUIPMENT PLANS**

SHEET NO.



REV	DATE	DESCRIPTION
2	04/04/18	Plan Check
1	11/08/17	100% CD Submittal
0	10/03/17	90% CD Submittal



DRAWN BY: J.V.M. PROJECT NO: T-15512-7  
CHECK BY: B.K.W.  
SHEET TITLE

**ENLARGED ANTENNA LAYOUT**

SHEET NO.

RF SCHEDULE										
SECTOR	ANTENNA MODEL NO.	AZIMUTH	RAD CENTER	RRH	TMA	FIBER LENGTH	COAX LENGTH	COAX DIA.	NO.	
A L P H A	A1	HPA-33R-BUU-H4-K	45°	± 97'-3"	(1) RRU-11 / (1) RRU-32	N/A	± 400'-0"	± 20'-0"	1/2"	2
	A2	HPA-33R-BUU-H4-K	45°	± 97'-3"	(1) RRU-11 / (1) RRU-32	N/A	± 400'-0"	± 20'-0"	1/2"	2
	A3	HPA-33R-BUU-H4-K	45°	± 97'-3"	(1) RRU-11 / (1) RRU-32	N/A	± 400'-0"	± 20'-0"	1/2"	2
B E T A	B1	BSA-M65R-BUU-H4	300°	± 97'-3"	(1) RRU-11 / (1) RRU-32	N/A	± 400'-0"	± 30'-0"	1/2"	2
	B2	BSA-M65R-BUU-H4	300°	± 97'-3"	(1) RRU-11 / (1) RRU-32	N/A	± 400'-0"	± 30'-0"	1/2"	2
	B3	BSA-M65R-BUU-H4	300°	± 97'-3"	(1) RRU-E2 / (1) RRU-32	N/A	± 400'-0"	± 30'-0"	1/2"	2
G A M M A	C1	HPA-33R-BUU-H4-K	180°	± 97'-3"	(1) RRU-11 / (1) RRU-32	N/A	± 400'-0"	± 60'-0"	1/2"	2
	C2	HPA-33R-BUU-H4-K	180°	± 97'-3"	(1) RRU-11 / (1) RRU-32	N/A	± 400'-0"	± 60'-0"	1/2"	2
	C3	HPA-33R-BUU-H4-K	180°	± 97'-3"	(1) RRU-11 / (1) RRU-32	N/A	± 400'-0"	± 60'-0"	1/2"	2
E P S I L O N	E1	BSA-M65R-BUU-H4	300°	± 97'-3"	(1) RRU-11 / (1) RRU-32	N/A	± 400'-0"	± 30'-0"	1/2"	2
	E2	BSA-M65R-BUU-H4	300°	± 97'-3"	(1) RRU-11 / (1) RRU-32	N/A	± 400'-0"	± 30'-0"	1/2"	2
	E3	BSA-M65R-BUU-H4	300°	± 97'-3"	(1) RRU-E2 / (1) RRU-32	N/A	± 400'-0"	± 30'-0"	1/2"	2

19 RF ANTENNA SCHEDULE  
1/2" = 1'-0"

15 ENLARGED EXISTING ANTENNA PLAN - SECTOR A  
1/2" = 1'-0"

7 ENLARGED PROPOSED ANTENNA PLAN - SECTOR A  
1/2" = 1'-0"

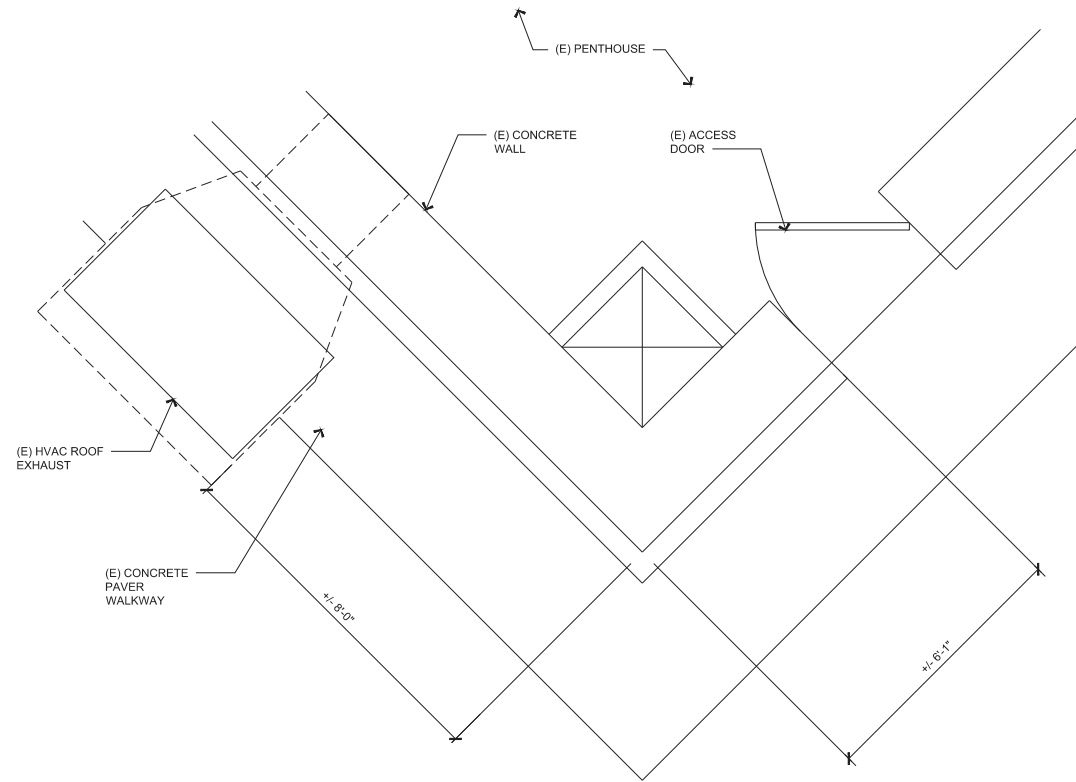
13 ENLARGED EXISTING ANTENNA PLAN - SECTOR B  
1/2" = 1'-0"

5 ENLARGED PROPOSED ANTENNA PLAN - SECTORS B & E  
1/2" = 1'-0"

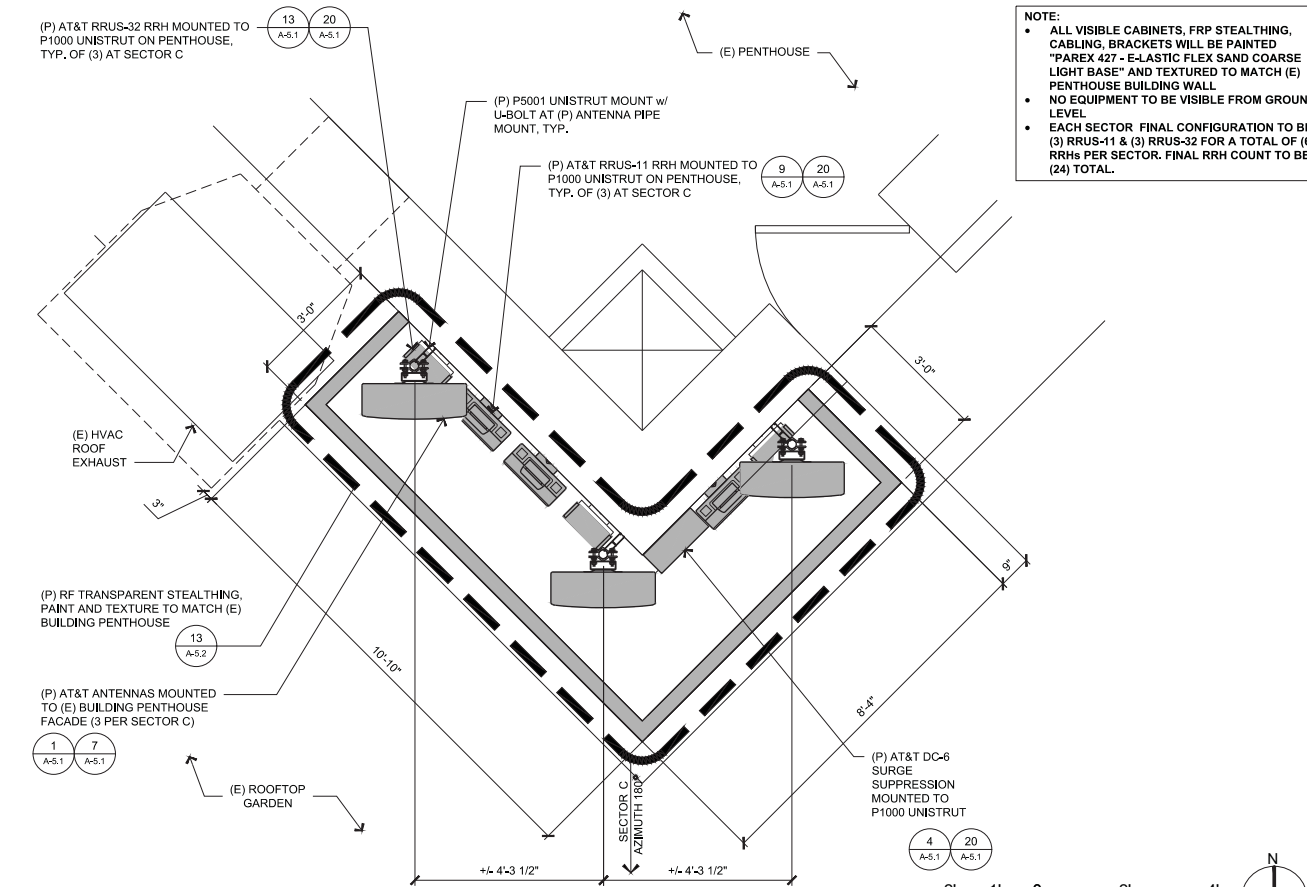
RF SCHEDULE										
SECTOR	ANTENNA MODEL NO.	AZIMUTH	RAD CENTER	RRH	TMA	FIBER LENGTH	COAX LENGTH	COAX DIA.	NO.	
ALPHA	A1	HPA-33R-BUUH4-K	45°	± 97'-3"	(1) RRUS-11 / (1) RRUS-32	N/A	± 400'-0"	± 20'-0"	1/2"	2
	A2	HPA-33R-BUUH4-K	45°	± 97'-3"	(1) RRUS-11 / (1) RRUS-32	N/A	± 400'-0"	± 20'-0"	1/2"	2
	A3	HPA-33R-BUUH4-K	45°	± 97'-3"	(1) RRUS-11 / (1) RRUS-32	N/A	± 400'-0"	± 20'-0"	1/2"	2
BETA	B1	BSA-M65R-BUU-H4	300°	± 97'-3"	(1) RRUS-11 / (1) RRUS-32	N/A	± 400'-0"	± 30'-0"	1/2"	2
	B2	BSA-M65R-BUU-H4	300°	± 97'-3"	(1) RRUS-11 / (1) RRUS-32	N/A	± 400'-0"	± 30'-0"	1/2"	2
	B3	BSA-M65R-BUU-H4	300°	± 97'-3"	(1) RRUS-E2 / (1) RRUS-32	N/A	± 400'-0"	± 30'-0"	1/2"	2
GAMMA	C1	HPA-33R-BUUH4-K	180°	± 97'-3"	(1) RRUS-11 / (1) RRUS-32	N/A	± 400'-0"	± 60'-0"	1/2"	2
	C2	HPA-33R-BUUH4-K	180°	± 97'-3"	(1) RRUS-11 / (1) RRUS-32	N/A	± 400'-0"	± 60'-0"	1/2"	2
	C3	HPA-33R-BUUH4-K	180°	± 97'-3"	(1) RRUS-11 / (1) RRUS-32	N/A	± 400'-0"	± 60'-0"	1/2"	2
EPSILON	E1	BSA-M65R-BUU-H4	300°	± 97'-3"	(1) RRUS-11 / (1) RRUS-32	N/A	± 400'-0"	± 30'-0"	1/2"	2
	E2	BSA-M65R-BUU-H4	300°	± 97'-3"	(1) RRUS-11 / (1) RRUS-32	N/A	± 400'-0"	± 30'-0"	1/2"	2
	E3	BSA-M65R-BUU-H4	300°	± 97'-3"	(1) RRUS-E2 / (1) RRUS-32	N/A	± 400'-0"	± 30'-0"	1/2"	2

RF DATA SHEET v2.00.00 DATED 05/15/17

20 RF SCHEDULE  
NOT TO SCHEDULE



11 ENLARGED EXISTING ANTENNA PLAN - SECTOR C  
1/2" = 1'-0"



9 ENLARGED PROPOSED ANTENNA PLAN - SECTOR C  
1/2" = 1'-0"



2	04/04/18	Plan Check
1	11/08/17	100% CD Submittal
0	10/03/17	90% CD Submittal
REV	DATE	DESCRIPTION

STAMP



DRAWN BY: J.V.M. PROJECT NO.: T-15512-7

CHECK BY: B.K.W.

SHEET TITLE

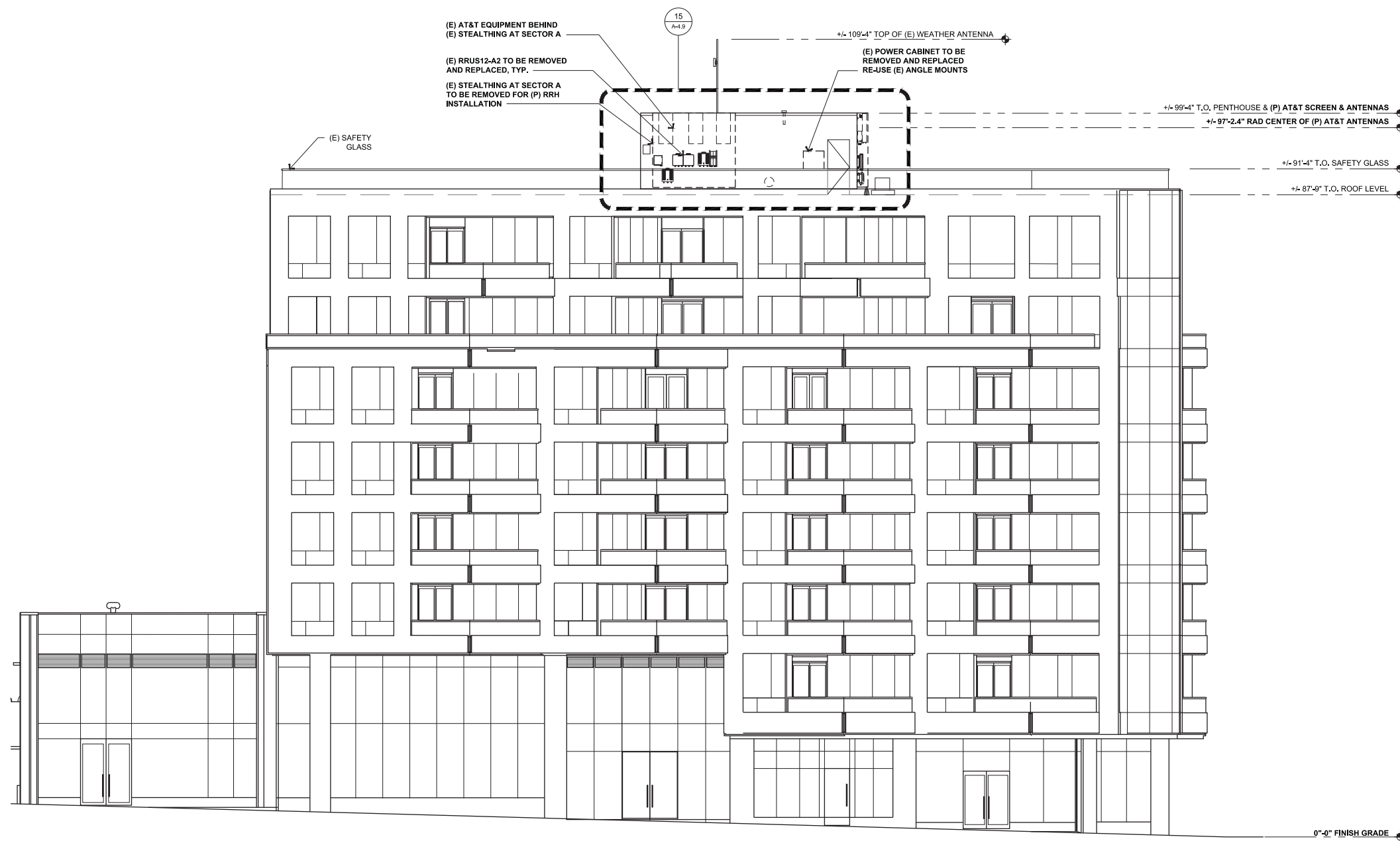
ENLARGED  
ANTENNA LAYOUT

SHEET NO.



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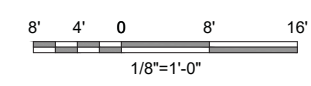
- EQUIPMENT SHOWN BEHIND STEALTHING AND/OR PARAPET SHOWN DASHED FOR CLARITY
- ALL ANTENNAS, CABINETS, FRP STEALTHING, CABLING, BRACKETS WILL BE PAINTED "PAREX 427 - E-LASTIC FLEX SAND COARSE LIGHT BASE" AND TEXTURED TO MATCH (E) PENTHOUSE BUILDING WALL
- NO EQUIPMENT TO BE VISIBLE FROM GROUND LEVEL
- NORTHWEST & NORTHEAST ELEVATIONS WILL NOT CHANGE
- REPLACE RRUS-B2 w/ RRUS-32, TYP. AND REARRANGE RRH LAYOUT AS NECESSARY FOR (P) RRH ADDITIONS.



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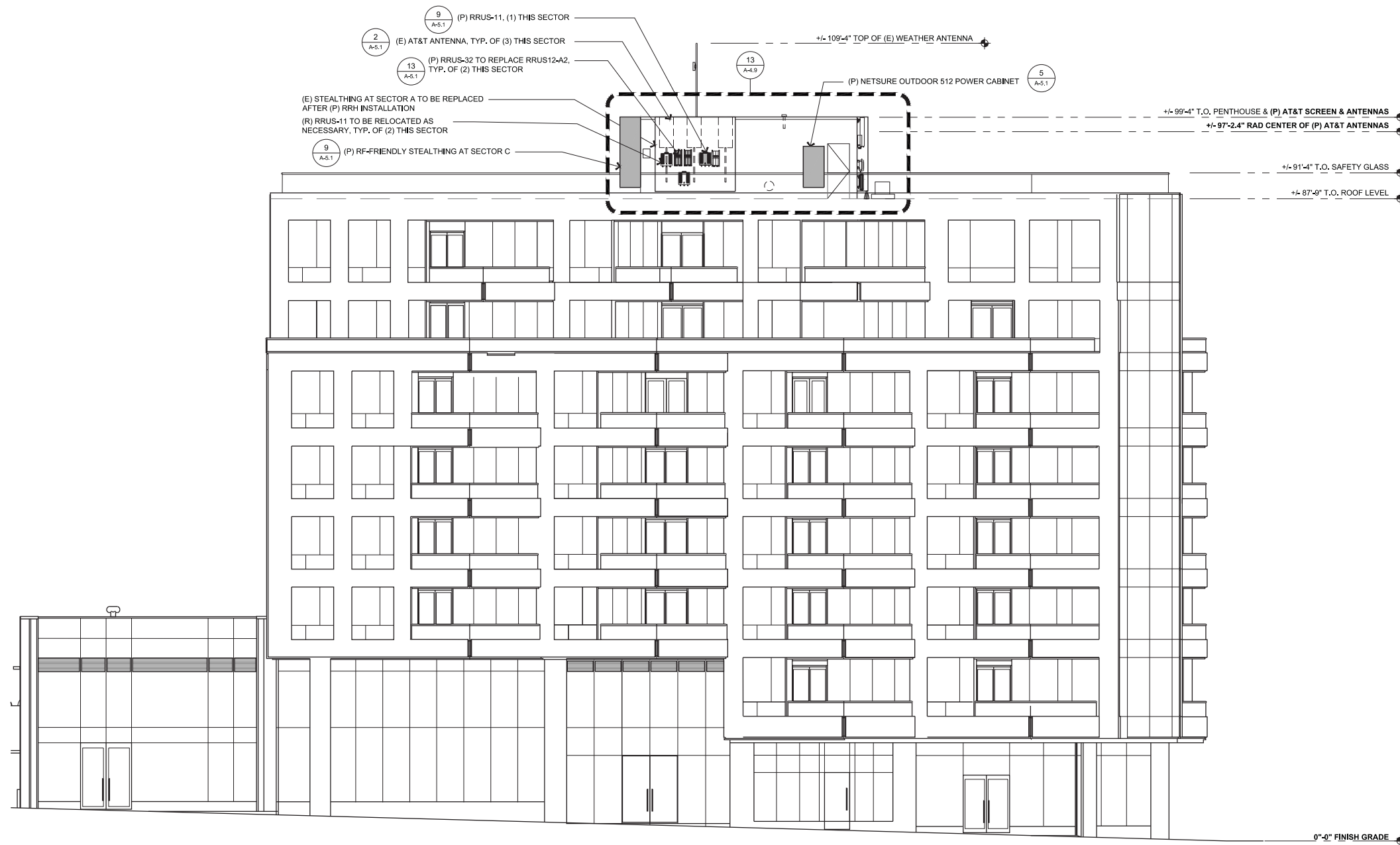
DRAWN BY: J.V.M. PROJECT NO: T-15512-7  
CHECK BY: B.K.W.  
SHEET TITLE



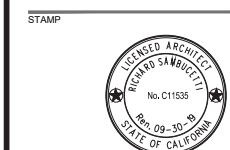


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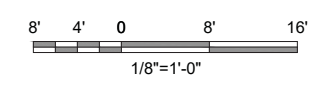
- EQUIPMENT SHOWN BEHIND STEALTHING AND/OR PARAPET SHOWN DASHED FOR CLARITY
- ALL ANTENNAS, CABINETS, FRP STEALTHING, CABLING, BRACKETS WILL BE PAINTED "PAREX 427 - E-LASTIC FLEX SAND COARSE LIGHT BASE" AND TEXTURED TO MATCH (E) PENTHOUSE BUILDING WALL
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- NORTHWEST & NORTHEAST ELEVATIONS WILL NOT CHANGE
- EACH SECTOR FINAL CONFIGURATION TO BE: (3) RRUS-11 & (3) RRUS-32 FOR A TOTAL OF (6) RRHs PER SECTOR. FINAL RRH COUNT TO BE (24) TOTAL.



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0	10/03/17	90% CD Submittal



DRAWN BY: J.V.M. PROJECT NO: T-15512-7  
CHECK BY: B.K.W.  
SHEET TITLE

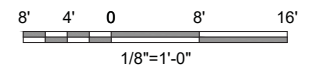
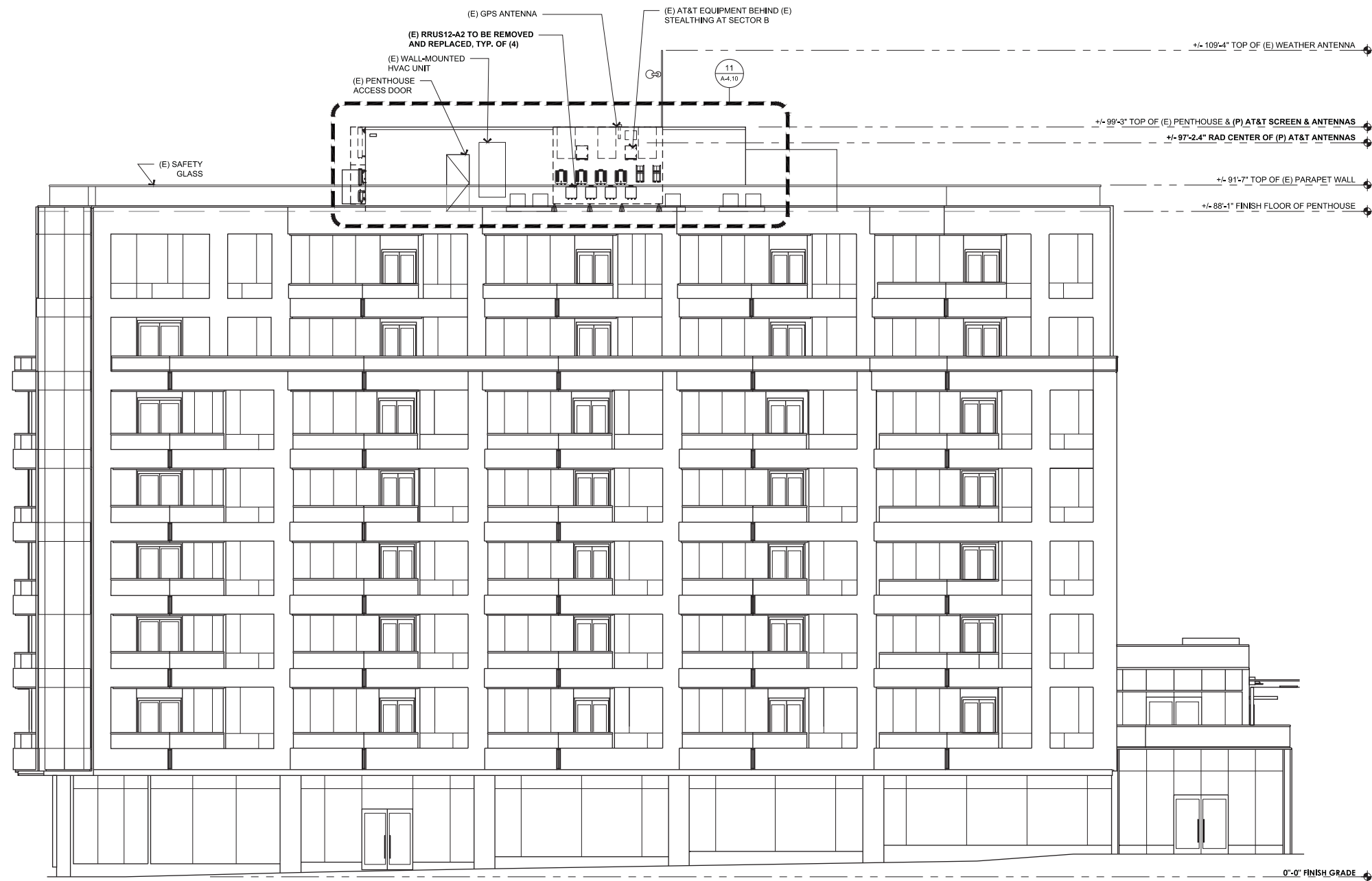


13 EAST ELEVATION - PROPOSED  
1/8" = 1'-0"

ELEVATIONS

SHEET NO.

NOTE:  
 • EQUIPMENT SHOWN BEHIND STEALTHING AND/OR PARAPET SHOWN DASHED FOR CLARITY  
 • ALL ANTENNAS, CABINETS, FRP STEALTHING, CABLING, BRACKETS WILL BE PAINTED "PAREX 427 - E-LASTIC FLEX SAND COARSE LIGHT BASE" AND TEXTURED TO MATCH (E) PENTHOUSE BUILDING WALL  
 • NO EQUIPMENT TO BE VISIBLE FROM GROUND LEVEL  
 • NORTHWEST & NORTHEAST ELEVATIONS WILL NOT CHANGE  
 • REPLACE RRUS-B2 w/ RRUS-32, TYP. AND REARRANGE RRH LAYOUT AS NECESSARY FOR (P) RRH ADDITIONS.



13 NORTH ELEVATION - EXISTING  
 1/8" = 1'-0"



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REV	DATE	DESCRIPTION

STAMP



DRAWN BY: J.V.M. PROJECT NO: T-15512-7  
 CHECK BY: B.K.W.  
 SHEET TITLE

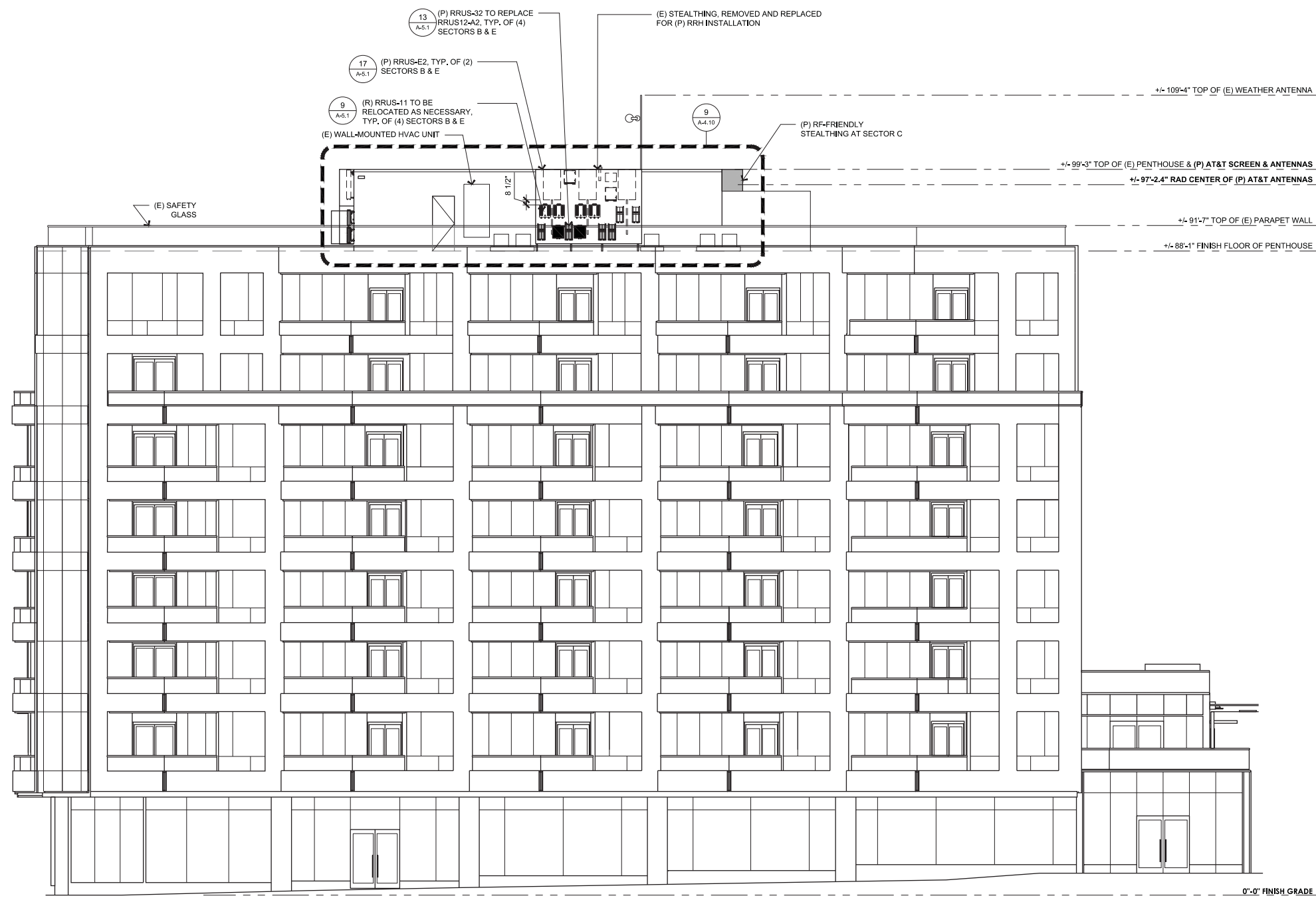
ELEVATIONS

SHEET NO.



**NOTE:**

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- ALL ANTENNAS, CABINETS, FRP STEALTHING, CABLING, BRACKETS WILL BE PAINTED "PAREX 427 - E-LASTIC FLEX SAND COARSE LIGHT BASE" AND TEXTURED TO MATCH (E) PENTHOUSE BUILDING WALL
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DRAWN BY: J.V.M. PROJECT NO: T-15512-7

CHECK BY: B.K.W.

SHEET TITLE

ELEVATIONS

SHEET NO.



- NOTE:
- EQUIPMENT SHOWN BEHIND STEALTHING AND/OR PARAPET SHOWN DASHED FOR CLARITY
  - ALL ANTENNAS, CABINETS, FRP STEALTHING, CABLING, BRACKETS WILL BE PAINTED "PAREX 427 - E-ELASTIC FLEX SAND COARSE LIGHT BASE" AND TEXTURED TO MATCH (E) PENTHOUSE BUILDING WALL
  - NO EQUIPMENT TO BE VISIBLE FROM GROUND LEVEL
  - NORTHWEST & NORTHEAST ELEVATIONS WILL NOT CHANGE
  - REPLACE RRUS-B2 w/ RRUS-32, TYP. AND REARRANGE RRH LAYOUT AS NECESSARY FOR (P) RRH ADDITIONS.



13 WEST ELEVATION - EXISTING  
SCALE: 1/8" = 1'-0"



REV	DATE	DESCRIPTION
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DRAWN BY: J.V.M. PROJECT NO: T-15512-7  
CHECK BY: B.K.W.  
SHEET TITLE

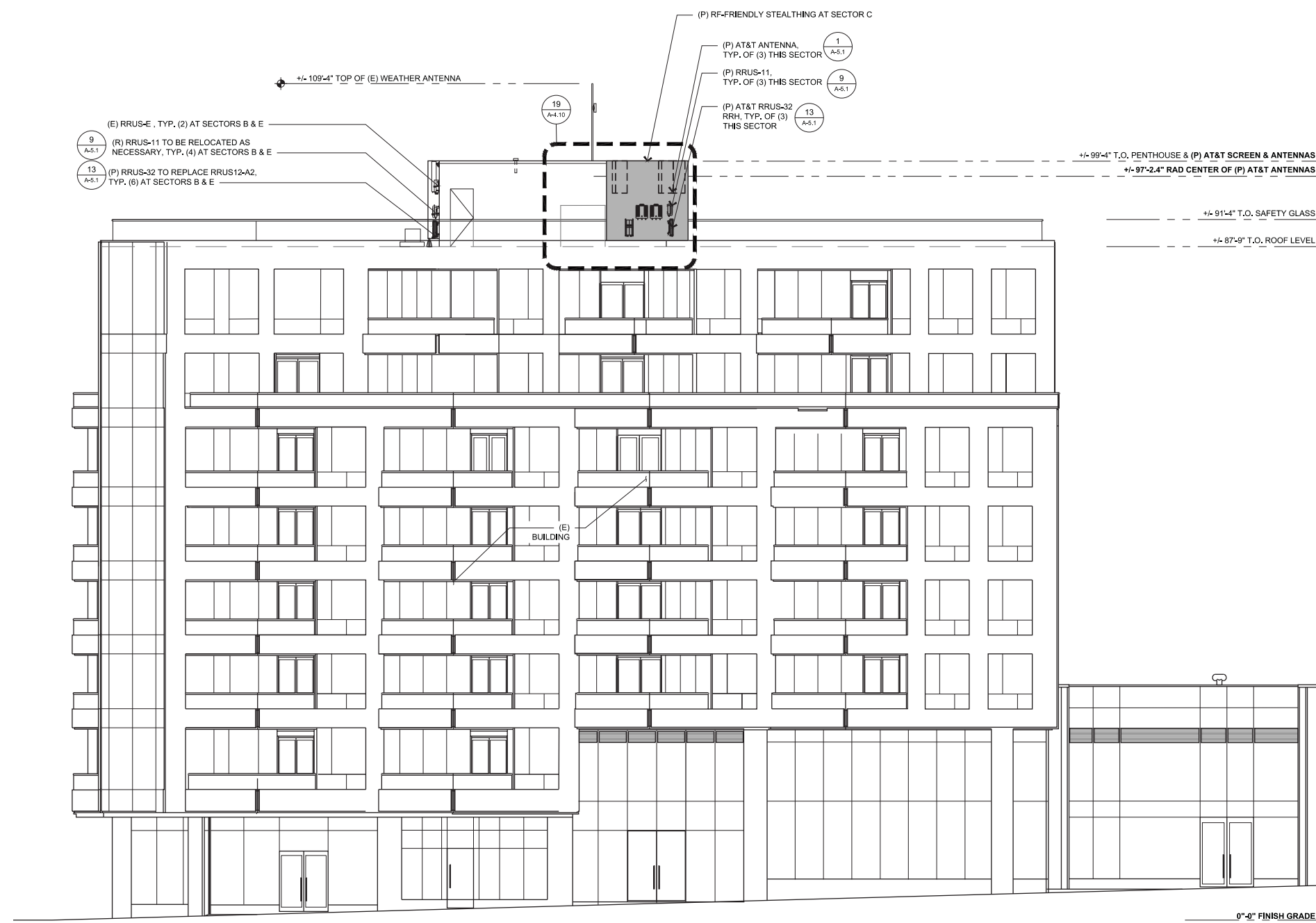
ELEVATIONS

SHEET NO.

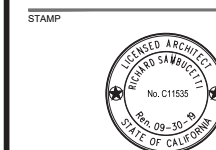


**NOTE:**

- EQUIPMENT SHOWN BEHIND STEALTHING AND/OR PARAPET SHOWN DASHED FOR CLARITY
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- NO EQUIPMENT TO BE VISIBLE FROM GROUND LEVEL
- NORTHWEST & NORTHEAST ELEVATIONS WILL NOT CHANGE



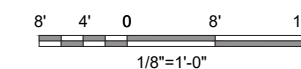
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DRAWN BY: J.V.M. PROJECT NO: T-15512-7  
CHECK BY: B.K.W.  
SHEET TITLE

ELEVATIONS

SHEET NO.





**NOTE:**

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- NORTHWEST & NORTHEAST ELEVATIONS WILL NOT CHANGE
- REPLACE RRUS-B2 w/ RRUS-32, TYP, AND REARRANGE RRH LAYOUT AS NECESSARY FOR (P) RRH ADDITIONS.



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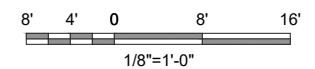
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CHECK BY: B.K.W.

SHEET TITLE

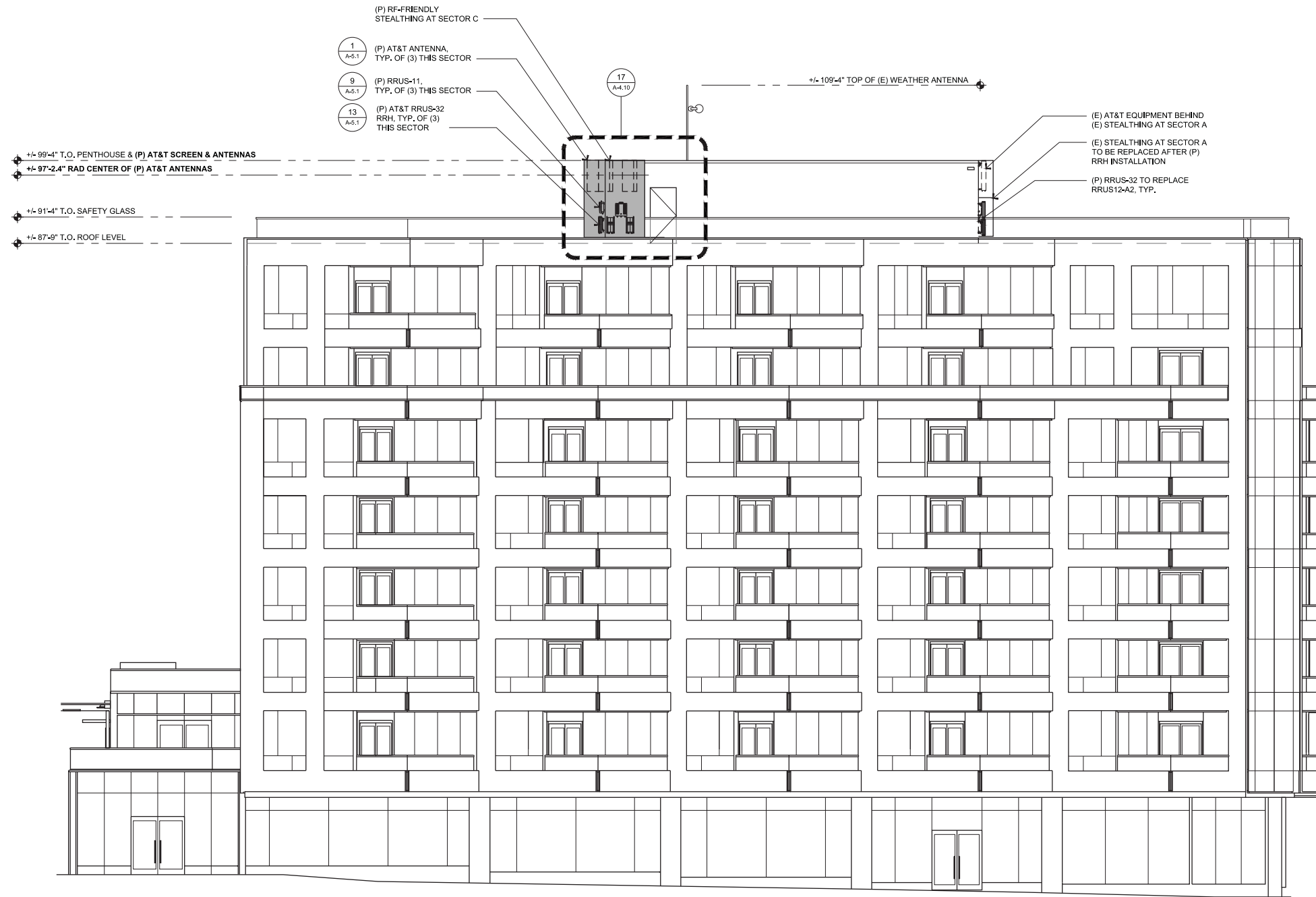
ELEVATIONS

SHEET NO.





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 • NO EQUIPMENT TO BE VISIBLE FROM GROUND LEVEL  
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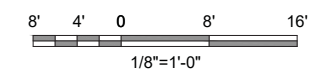
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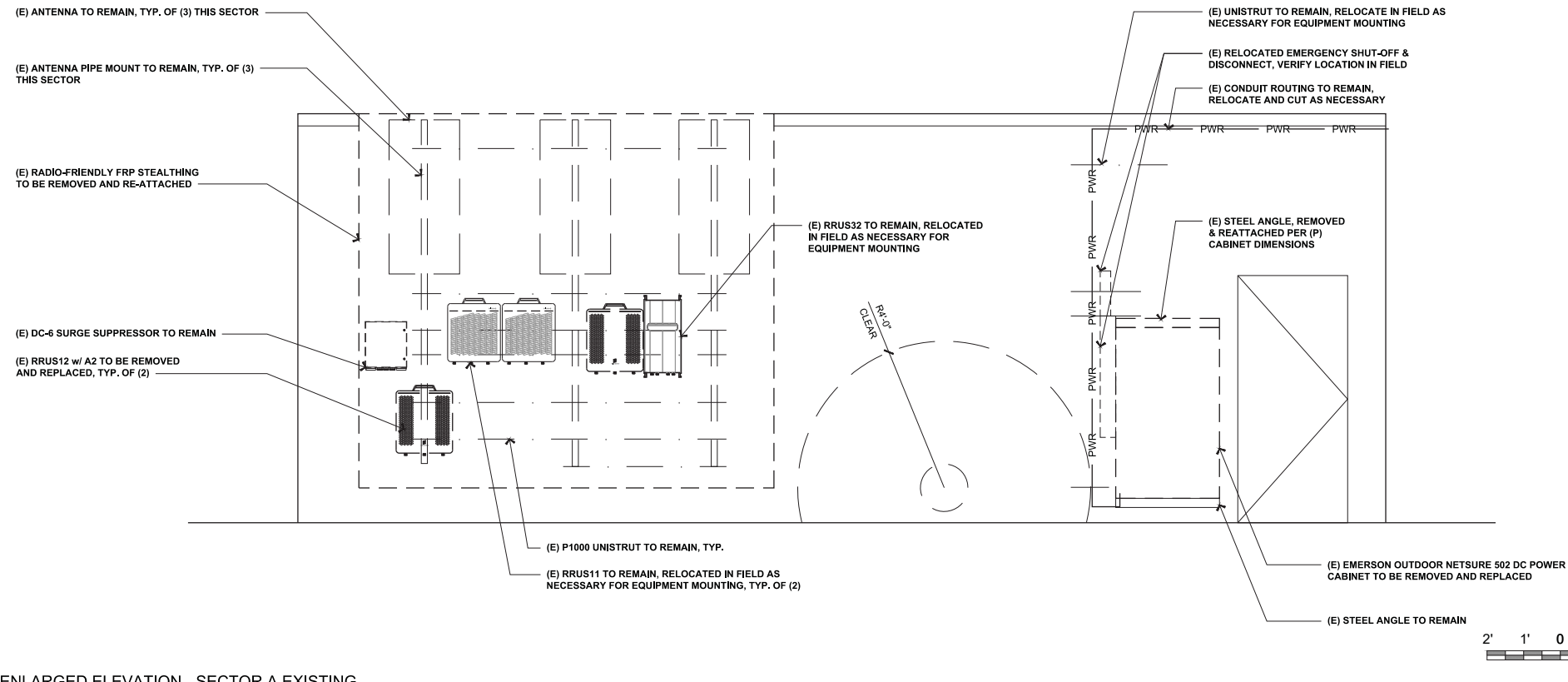
CHECK BY: B.K.W.

SHEET TITLE

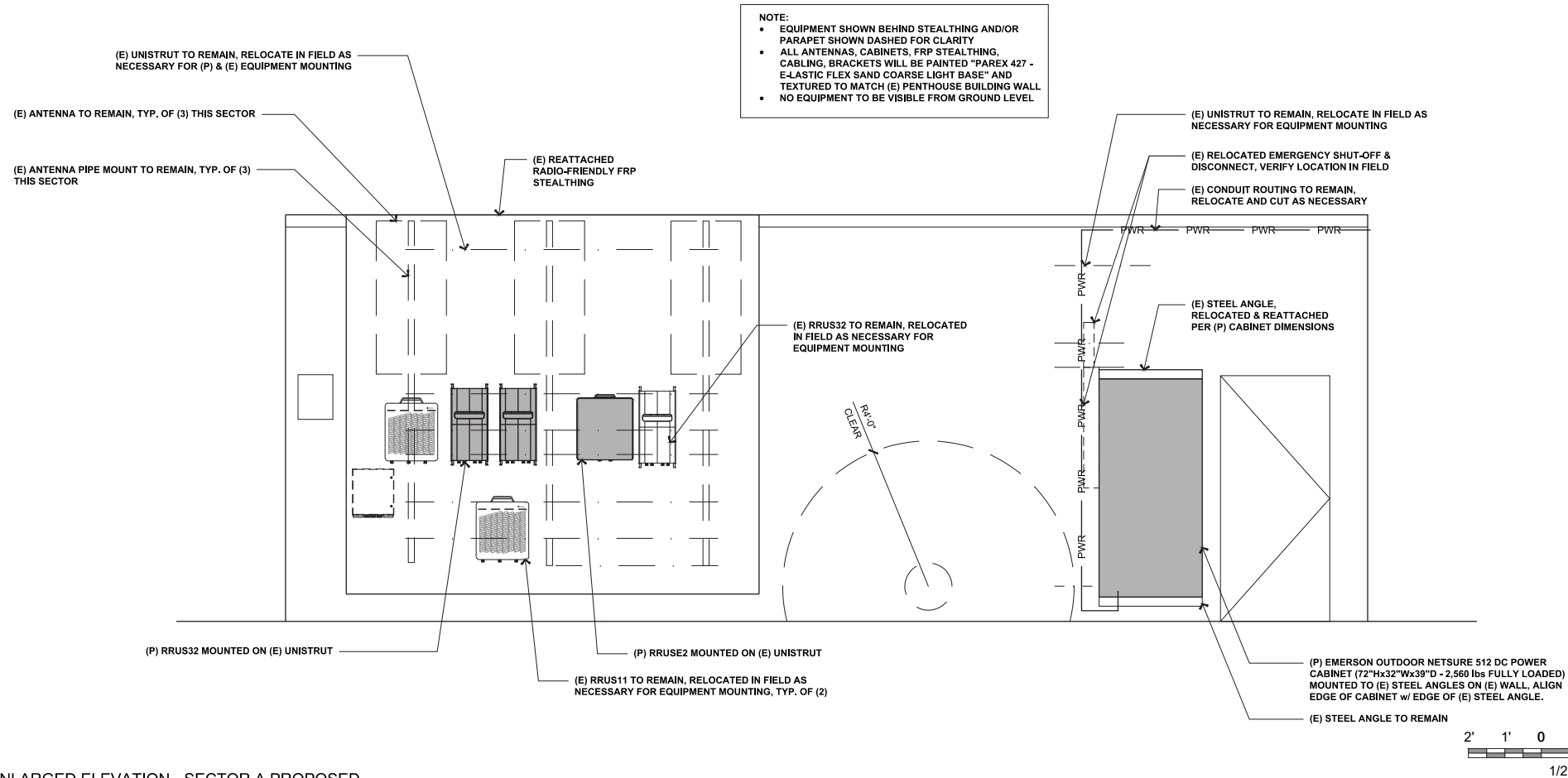
ELEVATIONS

SHEET NO.





15 ENLARGED ELEVATION - SECTOR A EXISTING  
1/2" = 1'-0"



13 ENLARGED ELEVATION - SECTOR A PROPOSED  
1/2" = 1'-0"



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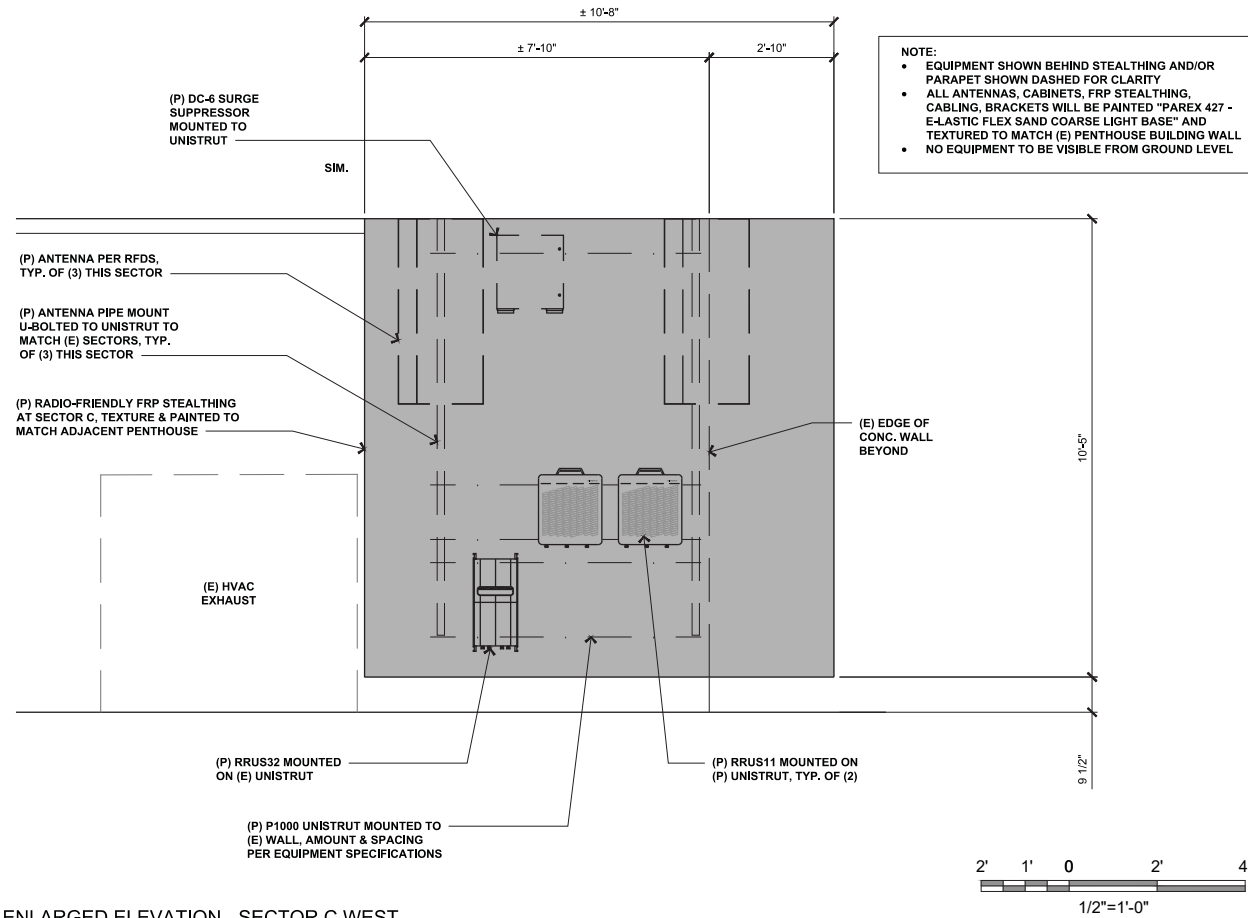
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CHECK BY: B.K.W.

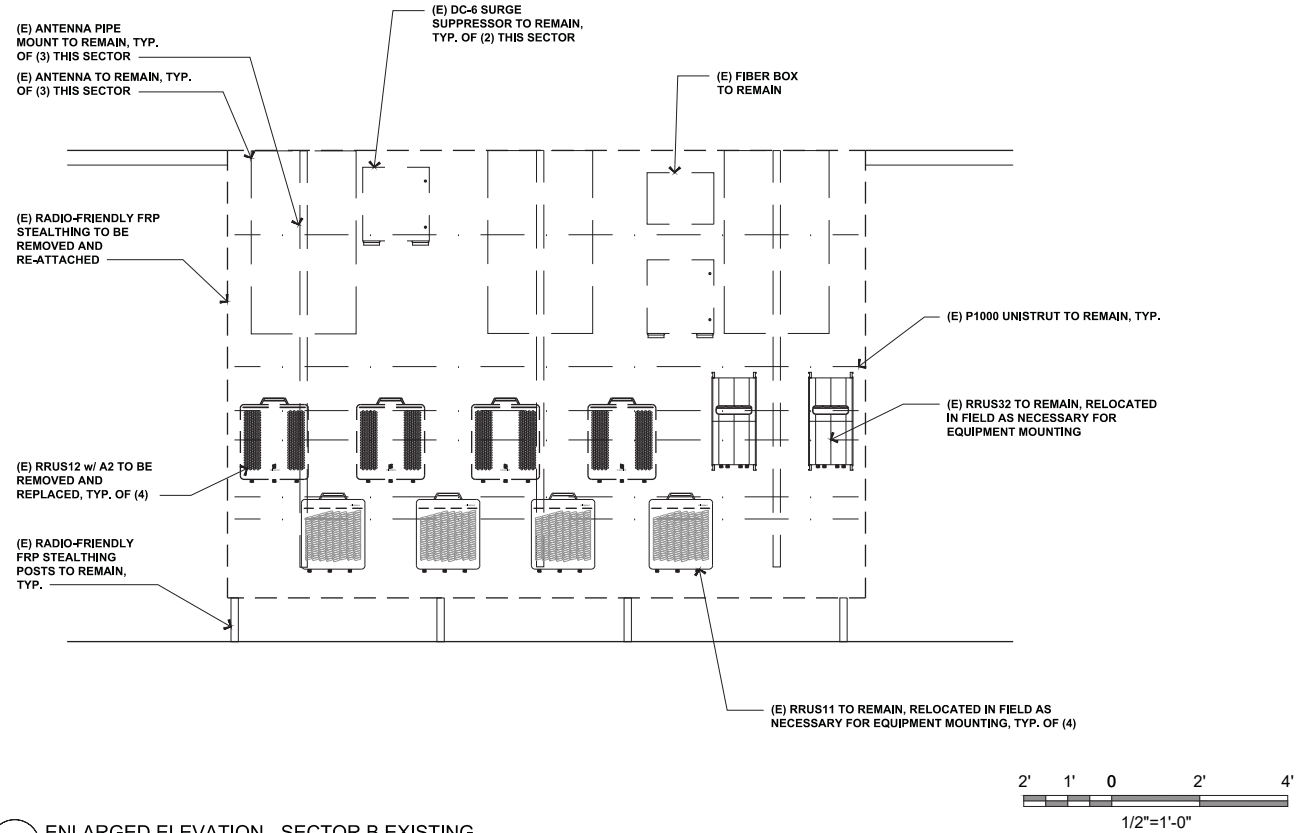
SHEET TITLE

ENLARGED  
ELEVATIONS

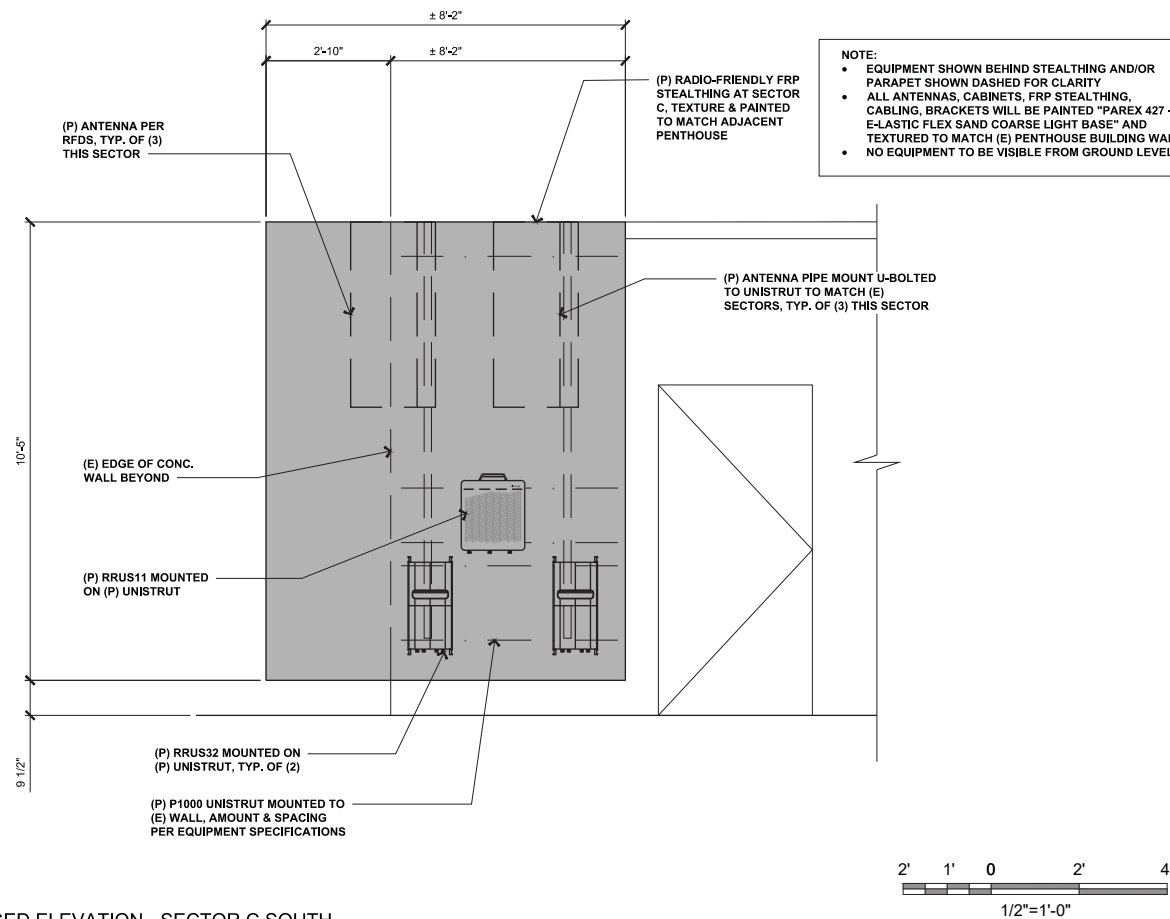
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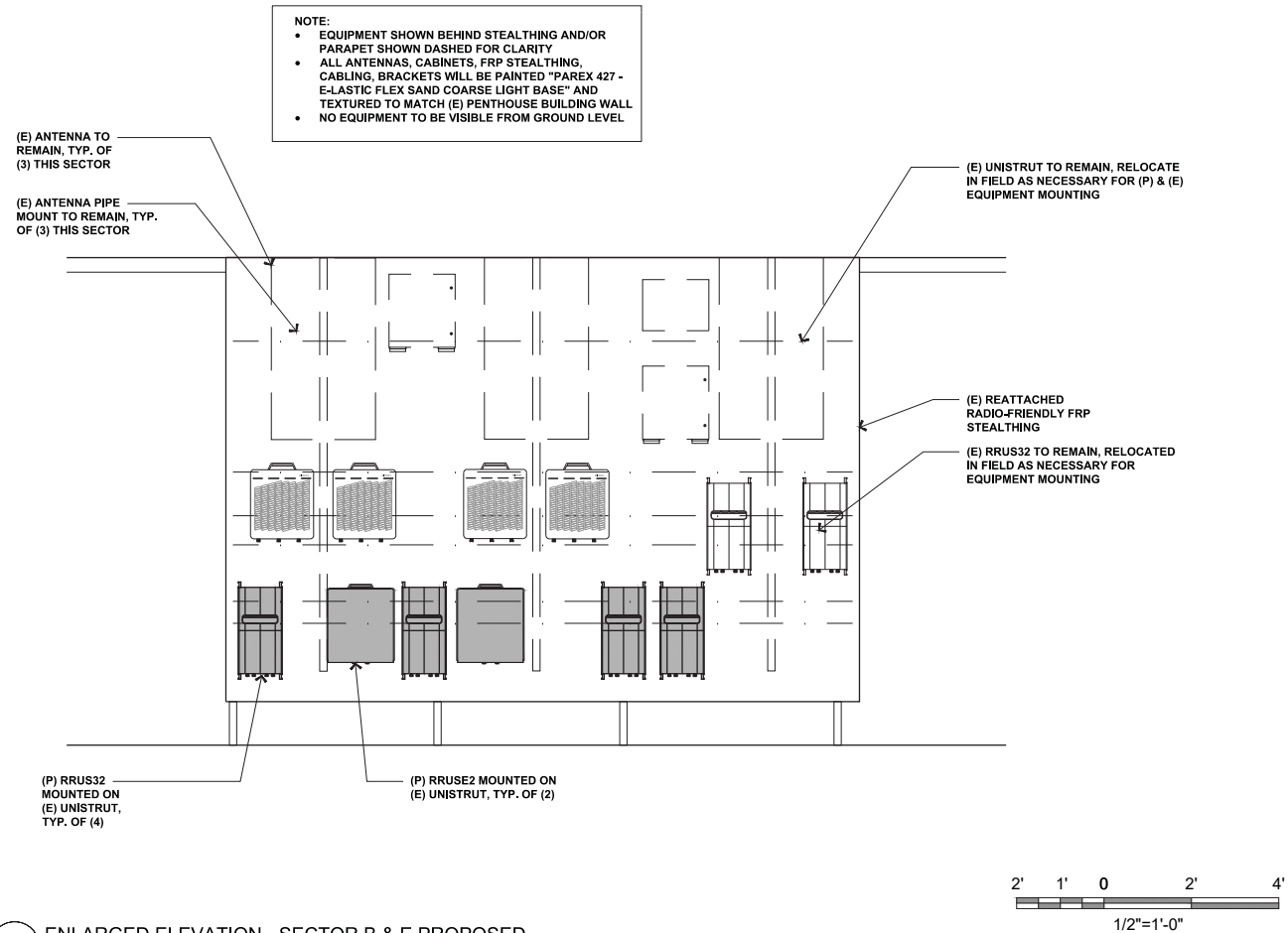
19 ENLARGED ELEVATION - SECTOR C WEST  
1/2" = 1'-0"



11 ENLARGED ELEVATION - SECTOR B EXISTING  
1/2" = 1'-0"



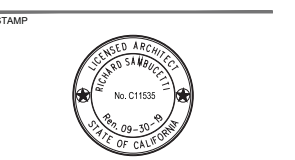
17 ENLARGED ELEVATION - SECTOR C SOUTH  
1/2" = 1'-0"



9 ENLARGED ELEVATION - SECTOR B & E PROPOSED  
1/2" = 1'-0"



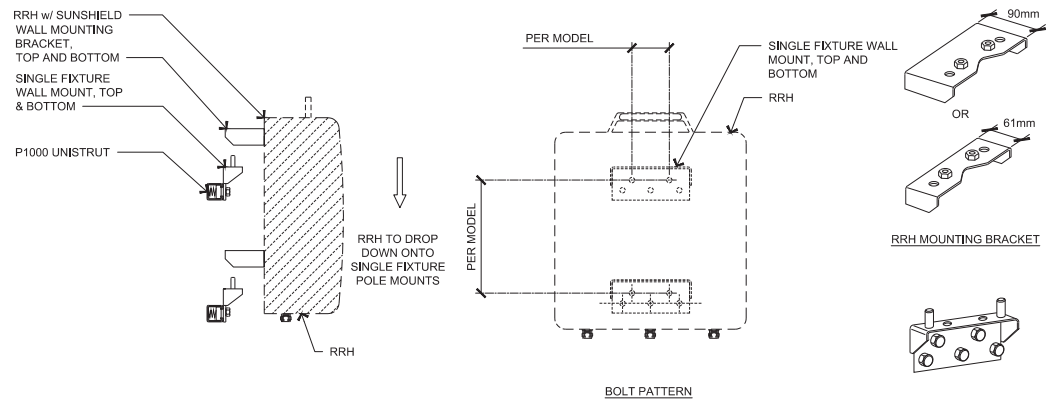
REV	DATE	DESCRIPTION
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CHECK BY: B.K.W.  
SHEET TITLE

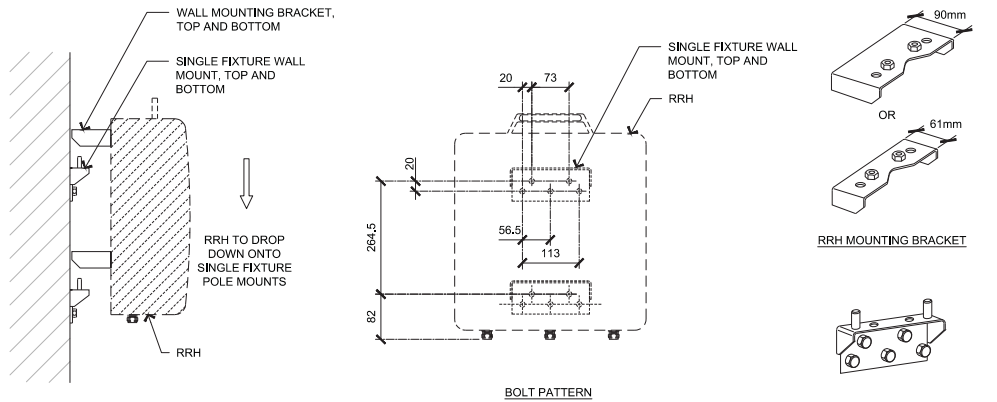
ENLARGED ELEVATIONS

SHEET NO.



20 RRH MOUNTING DETAIL - UNISTRUT

3/4" = 1'-0"

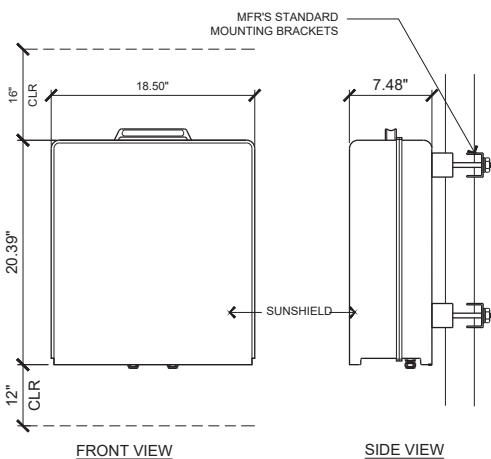
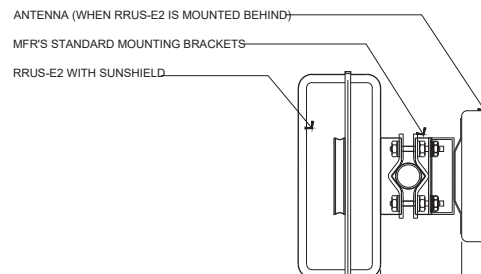


19 RRH MOUNTING DETAIL - WALL

3/4" = 1'-0"

**ERICSSON RRUS-E2 REMOTE RADIO UNIT**

COLOR: GRAY  
 DIMENSIONS: 20.39" TALL X 18.50" WIDE X 7.48" DEEP (INCLUDING SUNSHIELD)  
 WEIGHT: +/- 53 LBS. (INCLUDING MOUNTING HARDWARE)

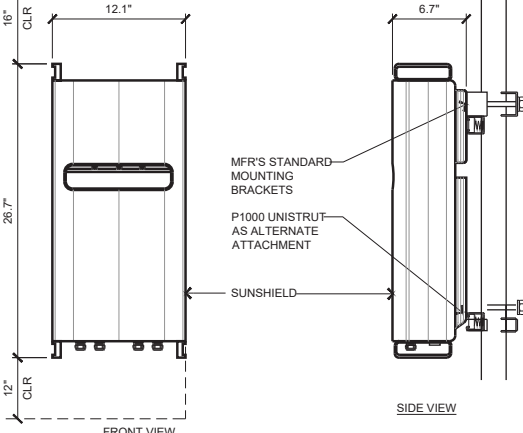
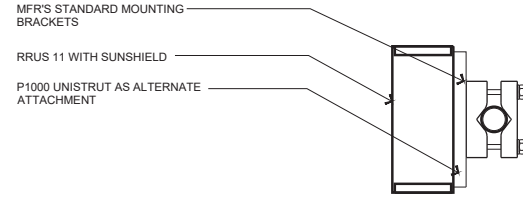


17 ERICSSON RRUS-E2

1 1/2" = 1'-0"

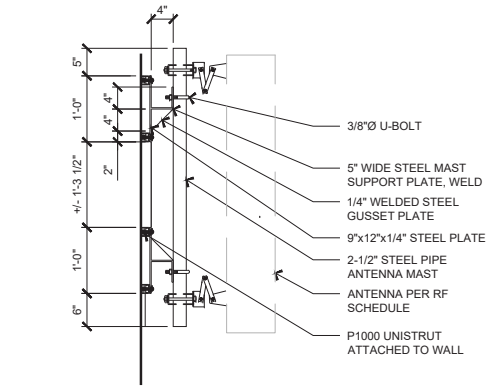
**ERICSSON 1900/AWS RRU-32**

MODEL: RRU 32 B30  
 COLOR: WHITE  
 DIMENSIONS: 26.7" TALL X 12.1" WIDE X 6.7" DEEP (INCLUDING SUNSHIELD)  
 WEIGHT: +/- 69 LBS. (INCLUDING MOUNTING HARDWARE)



19 ERICSSON RRU-32

1 1/2" = 1'-0"

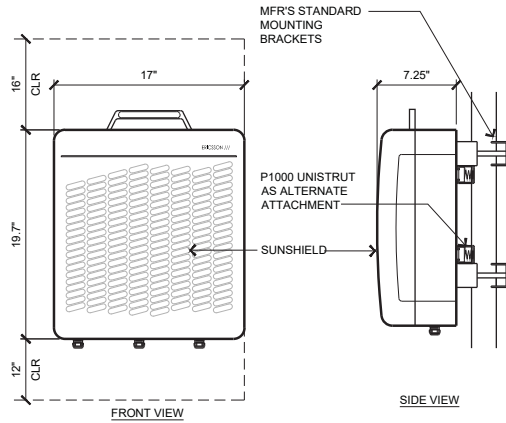
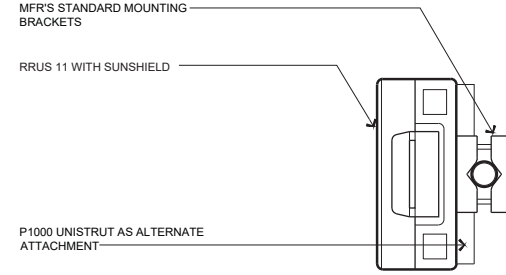


6 WALL MOUNTED ANTENNA SECTION

3/4" = 1'-0"

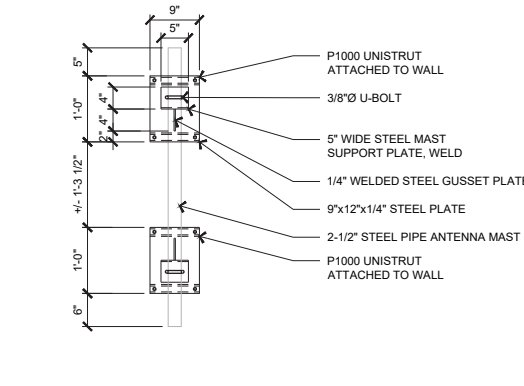
**ERICSSON RRUS 11 REMOTE RADIO UNIT**

COLOR: WHITE  
 DIMENSIONS: 19.7" TALL X 17" WIDE X 7.25" DEEP (INCLUDING SUNSHIELD)  
 WEIGHT: +/- 50 LBS. (INCLUDING MOUNTING HARDWARE)



9 ERICSSON RRUS-11

1 1/2" = 1'-0"

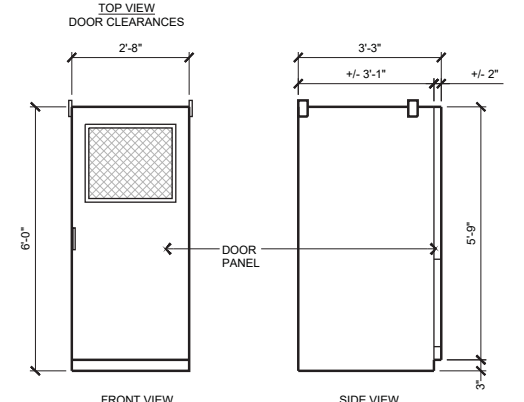
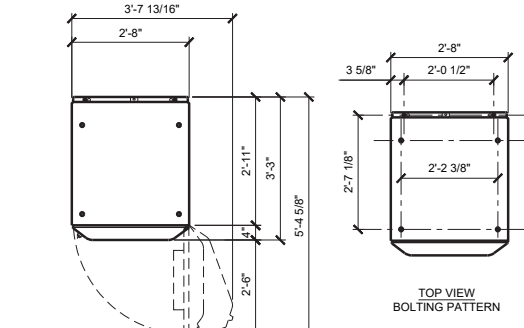


5 WALL ANTENNA MOUNT ELEVATION

3/4" = 1'-0"

**EMERSON NETSURE 512 DC POWER OUTDOOR CABINET SPECIFICATIONS**

COLOR: WHITE  
 DIMENSIONS: 32" WIDE X 72" TALL X 39" DEEP  
 WEIGHT: +/- 2560 LBS. (FULLY LOADED)

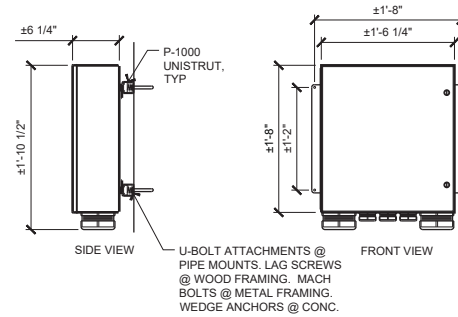


5 EMERSON NETSURE 512 OUTDOOR CABINET

1/2" = 1'-0"

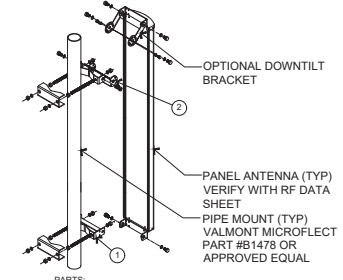
**RAYCAP DC6-48-60-18 FIBER DC POWER CONNECTION**

COLOR: LIGHT TAN  
 DIMENSIONS: 18.17" WIDE X 20.06" TALL X 6.37" DEEP  
 WEIGHT: +/- 43.5 LBS. (INCLUDING MOUNTING HARDWARE)



4 SURGE SUPPRESSION DC6-48-60-18

1" = 1'-0"



NOTES  
 1) THE NUMBER OF CONNECTORS WILL VARY BASED ON ANTENNA TYPE.

ITEM	QTY	DESCRIPTION
1	1	ANTENNA BRACKET
2	1	DOWNTILT ANTENNA - REFER TO RF DATA SHEETS

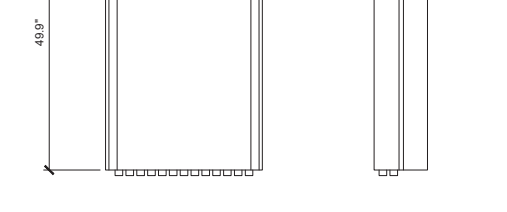
CONTRACTOR TO VERIFY EXACT PARTS LIST AND ANTENNA INSTALLATION WITH MANUFACTURERS SPECIFICATIONS AND CONSTRUCTION MANAGER

3 ANTENNA MOUNT DETAIL

3/4" = 1'-0"

**CCI BSA-M65R-BUU-H4**

ANTENNA = CCI BSA-M65R-BUU-H4  
 WIND AREA = 9.8 sf  
 WEIGHT = 75.0 lbs / 34.0 kg

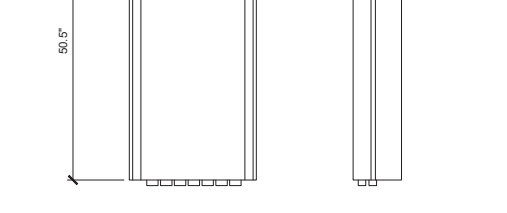


2 CCI BSA-M65R-BUU-H4

3/4" = 1'-0"

**CCI HPA-33R-BUU-H4-K**

ANTENNA = CCI HPA-33R-BUU-H4-K  
 WIND AREA = 8.1 sf  
 WEIGHT = 75.0 lbs / 34.0 kg



1 CCI HPA-33R-BUU-H4-K

3/4" = 1'-0"



borgesarch.com  
 1478 STONE POINT DRIVE, SUITE 350  
 ROSEVILLE CA 95661  
 916 782 7200 TEL  
 916 773 3037 FAX

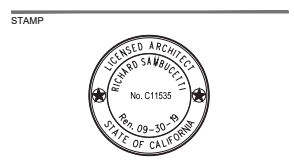


modus-corp.com  
 240 STOCKTON STREET, 3RD FLOOR  
 SAN FRANCISCO, CA 94108



5001 EXECUTIVE PARKWAY  
 SAN RAMON, CA 94583

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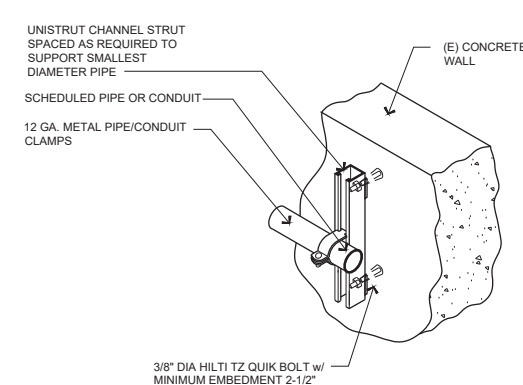
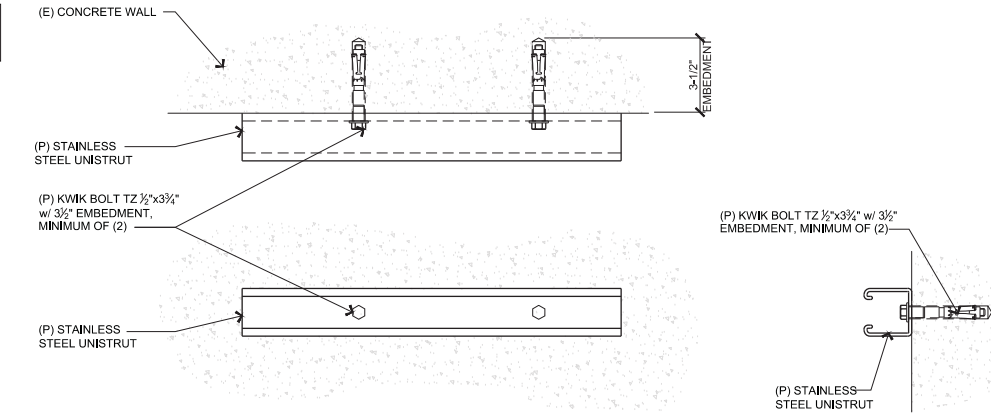
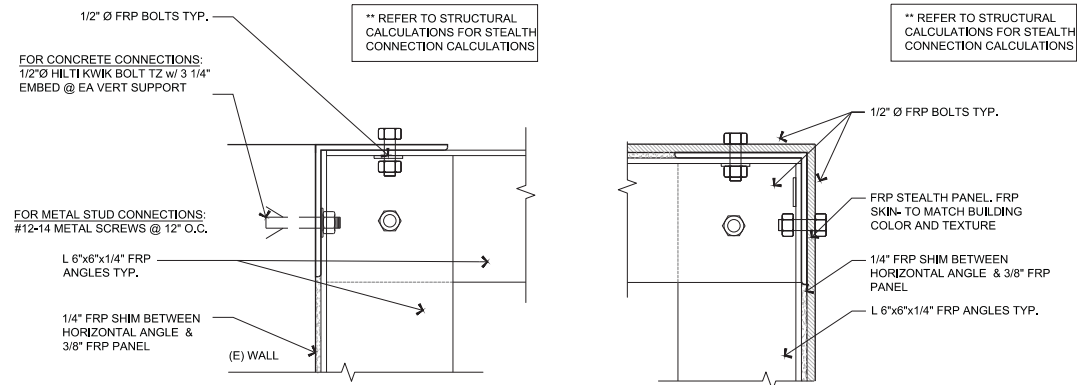


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 CHECK BY: B.K.W.  
 SHEET TITLE

DETAILS

SHEET NO.

A-5.1

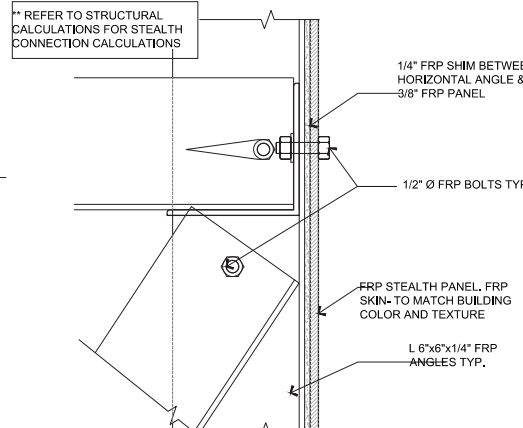
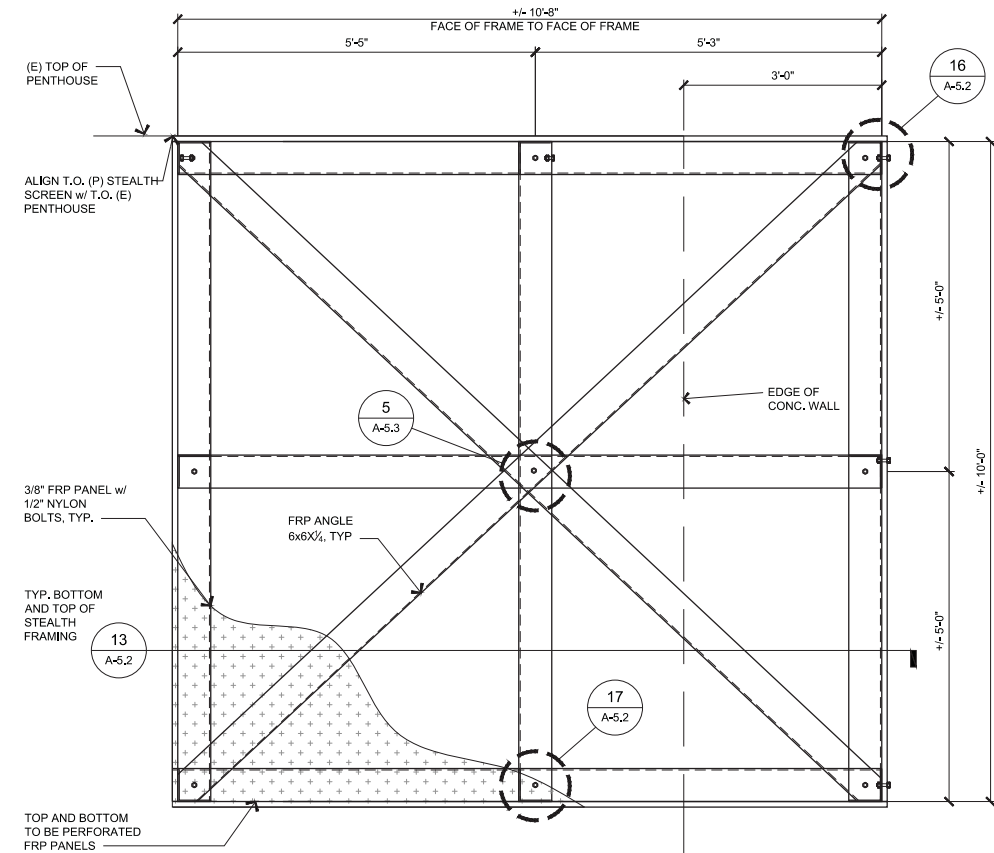


**20 STEALTH - TYP WALL CONNECTION DETAIL**  
3/4" = 1'-0"

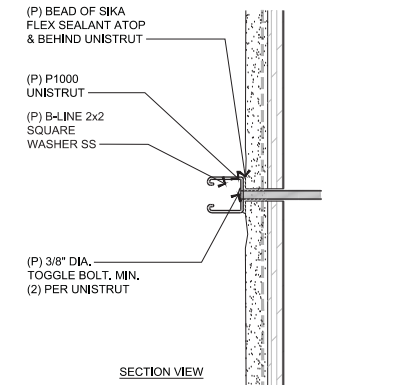
**16 STEALTH - TOP CORNER - COVERED**  
3/4" = 1'-0"

**12 UNISTRUT ATTACHMENT - CONCRETE WALL**  
1" = 1'-0"

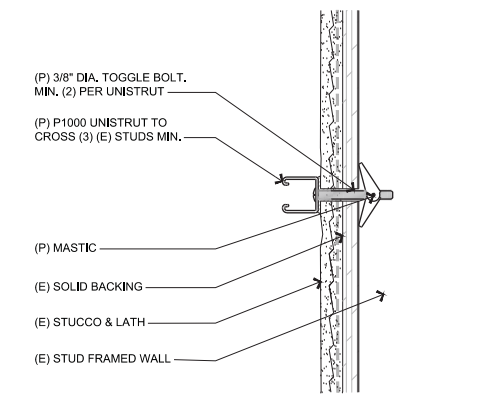
**4 CONDUIT TO WALL DETAIL**  
1 1/2" = 1'-0"



**11 STEALTH - MID SPAN CONNECTION - VERTICAL**  
3/4" = 1'-0"

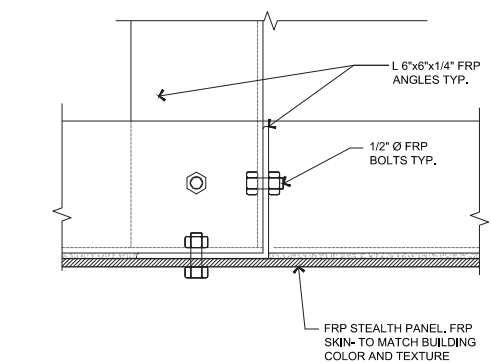


**7 WEATHERPROOF AT WALL PENETRATIONS**  
1" = 1'-0"

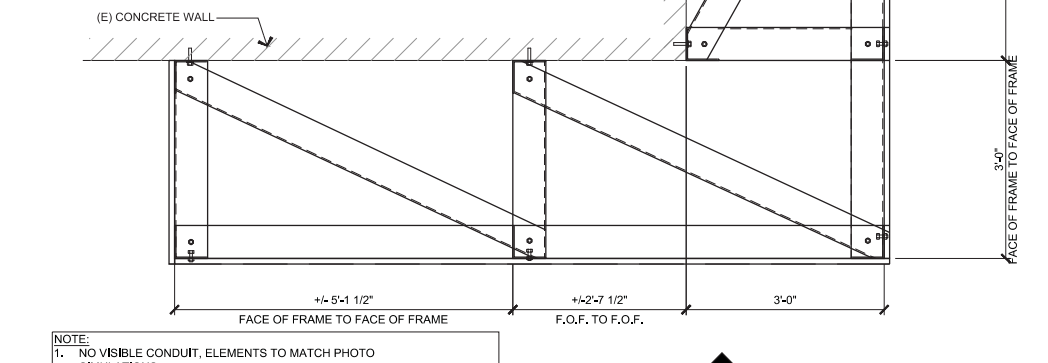


**3 UNISTRUT ATTACHMENT - STUCCO WALL**  
1" = 1'-0"

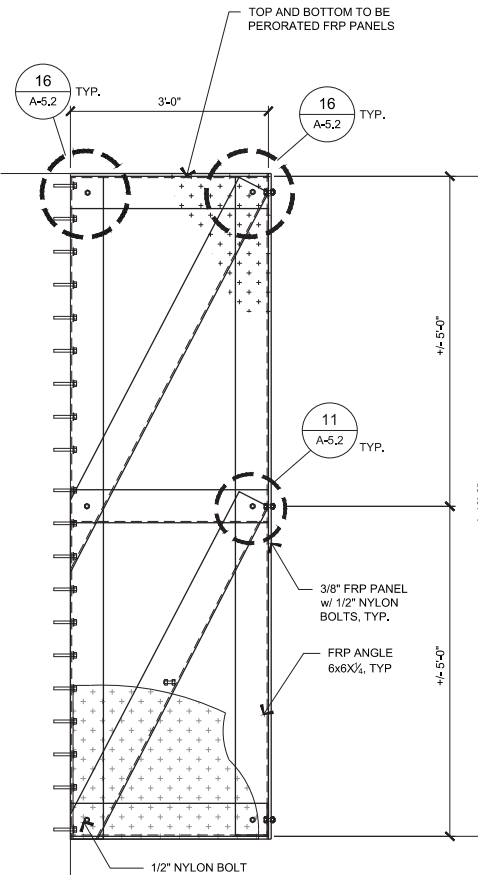
**18 PENTHOUSE STEALTHING ELEVATION**  
3/4" = 1'-0"



**17 STEALTH - MID SPAN CONNECTION - HORIZ**  
3/4" = 1'-0"

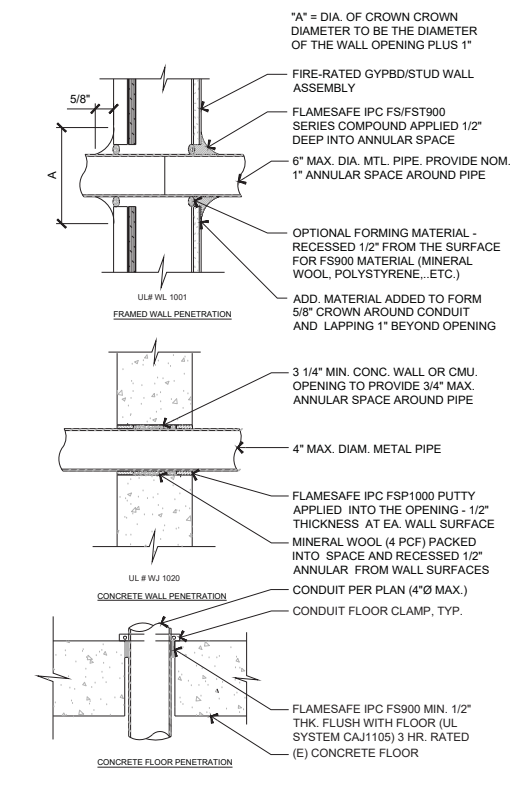


**13 PENTHOUSE STEALTHING PLAN**  
3/4" = 1'-0"



**5 PENTHOUSE STEALTHING SECTION**  
3/4" = 1'-0"

NOTE:  
1. CONTRACTOR TO X-RAY PRIOR TO DRILLING OR CORING TO LOCATE (E) RE-BAR AND CONDUITS. DO NOT CUT RE-BAR OR CONDUITS. 2. CONTRACTOR TO INSURE WATER-TIGHTNESS AT ALL WALL AND FLOOR PENETRATIONS.

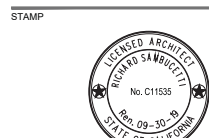


**1 CONDUIT PENETRATION DETAIL**  
1 1/2" = 1'-0"

- NOTE:  
1. NO VISIBLE CONDUIT, ELEMENTS TO MATCH PHOTO SIMULATIONS.  
2. PAINT AND TEXTURE WITHOUT NOTICEABLE RIVET BOLTS.



REV	DATE	DESCRIPTION
2	04/04/18	Plan Check
1	11/08/17	100% CD Submittal
0	10/03/17	90% CD Submittal



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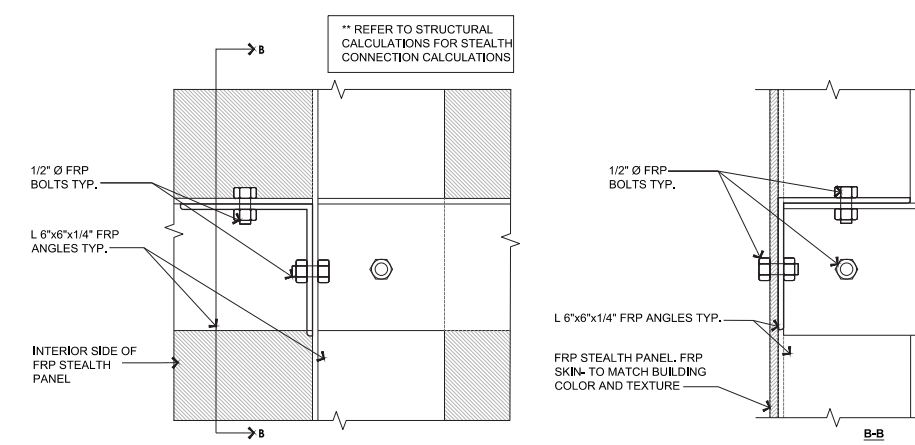
**DETAILS**

SHEET NO.

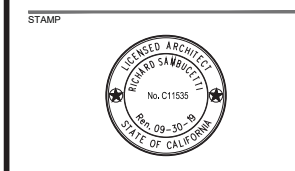




REV	DATE	DESCRIPTION
2	04/04/18	Plan Check
1	11/08/17	100% CD Submittal
0	10/03/17	90% CD Submittal



5 STEALTH - CENTER SUPPORT CONNECTION  
3" = 1'-0"



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SHEET TITLE

DETAILS

SHEET NO.

**GENERAL REQUIREMENTS:**

- ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST RULES AND REGULATIONS OF THE NATIONAL ELECTRICAL CODE AND ALL STATE AND LOCAL CODES. NOTHING IN THESE PLANS OR SPECIFICATIONS SHALL BE CONSTRUED AS TO PERMIT WORK NOT CONFORMING TO THE MOST STRINGENT OF THESE CODES. SHOULD CHANGES BE NECESSARY IN THE DRAWINGS OR SPECIFICATIONS TO MAKE THE WORK COMPLY WITH THESE REQUIREMENTS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT IN WRITING AND CEASE WORK ON PARTS OF THE CONTRACT WHICH ARE AFFECTED.
- THE CONTRACTOR SHALL MAKE A SITE VISIT PRIOR TO BIDDING AND CONSTRUCTION TO VERIFY ALL EXISTING CONDITIONS AND SHALL NOTIFY ARCHITECT IMMEDIATELY UPON DISCOVERY OF ANY DISCREPANCIES. THE CONTRACTOR ASSUMES ALL LIABILITY FOR FAILURE TO COMPLY WITH THIS PROVISION.
- THE EXTENT OF THE WORK IS INDICATED BY THE DRAWINGS, SCHEDULES, AND SPECIFICATIONS AND IS SUBJECT TO THE TERMS AND CONDITIONS OF THE CONTRACT. THE WORK SHALL CONSIST OF FURNISHING ALL LABOR, EQUIPMENT, MATERIALS, AND SUPPLIES NECESSARY FOR A COMPLETE AND OPERATIONAL ELECTRICAL SYSTEM. THE WORK SHALL ALSO INCLUDE THE COMPLETION OF ALL ELECTRICAL WORK NOT MENTIONED OR SHOWN WHICH IS NECESSARY FOR SUCCESSFUL OPERATION OF ALL SYSTEMS.
- THE CONTRACTOR SHALL PREPARE A BID FOR A COMPLETE AND OPERATIONAL SYSTEM, WHICH INCLUDES THE COST FOR MATERIAL AND LABOR.
- WORKMANSHIP AND NEAT APPEARANCE SHALL BE AS IMPORTANT AS THE OPERATION. DEFECTIVE OR DAMAGED MATERIALS SHALL BE REPLACED OR REPAIRED PRIOR TO FINAL ACCEPTANCE IN A MANNER ACCEPTABLE TO OWNER AND ENGINEER.
- COMPLETE THE ENTIRE INSTALLATION AS SOON AS THE PROGRESS OF THE WORK WILL PERMIT. ARRANGE ANY OUTAGE OF SERVICE WITH THE OWNER AND BUILDING MANAGER IN ADVANCE. MINIMIZE DOWNTIME ON THE BUILDING ELECTRICAL SYSTEM.
- THE ENTIRE ELECTRICAL SYSTEM INSTALLED UNDER THIS CONTRACT SHALL BE DELIVERED IN PROPER WORKING ORDER. REPLACE, WITHOUT ADDITIONAL COST TO THE OWNER, ANY DEFECTIVE MATERIAL AND EQUIPMENT WITHIN ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE.
- ANY ERROR, OMISSION OR DESIGN DISCREPANCY ON THE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR CLARIFICATION OR CORRECTION BEFORE CONSTRUCTION.
- "PROVIDE" INDICATES THAT ALL ITEMS ARE TO BE FURNISHED, INSTALLED AND CONNECTED IN PLACE.
- CONTRACTOR SHALL SECURE ALL NECESSARY BUILDING PERMITS AND PAY ALL REQUIRED FEES.

**EQUIPMENT LOCATION:**

- THE DRAWINGS INDICATE DIAGRAMMATICALLY THE DESIRED LOCATIONS OR ARRANGEMENTS FOR RUNS, OUTLETS, EQUIPMENT, ETC., AND ARE TO BE FOLLOWED AS CLOSELY AS POSSIBLE. PROPER JUDGEMENT MUST BE EXERCISED IN EXECUTING THE WORK SO AS TO SECURE THE BEST POSSIBLE INSTALLATION IN THE AVAILABLE SPACE LIMITATIONS OR INTERFERENCE OF STRUCTURE CONDITIONS ENCOUNTERED.
- IN THE EVENT CHANGES IN THE INDICATED LOCATIONS OR ARRANGEMENTS ARE NECESSARY, DUE TO FIELD CONDITIONS IN THE BUILDING CONSTRUCTION OR REARRANGEMENT OF FURNISHINGS OR EQUIPMENT, SUCH CHANGES SHALL BE MADE WITHOUT COST, PROVIDING THE CHANGE IS ORDERED BEFORE THE CONDUIT RUNS, ETC., AND WORK DIRECTLY CONNECTED TO THE SAME IS INSTALLED AND NO EXTRA MATERIALS ARE REQUIRED.
- LIGHTING FIXTURES ARE SHOWN IN THEIR APPROXIMATE LOCATIONS ONLY. COORDINATE THE FIXTURE LOCATION WITH MECHANICAL EQUIPMENT TO AVOID INTERFERENCE.
- COORDINATE THE WORK OF THIS SECTION WITH THAT OF ALL OTHER TRADES, WHERE CONFLICTS OCCUR, CONSULT WITH THE RESPECTIVE CONTRACTOR AND COME TO AGREEMENT AS TO CHANGES NECESSARY. OBTAIN WRITTEN ACCEPTANCE FROM ENGINEER FOR THE PROPOSED CHANGES BEFORE PROCEEDING.

**SHOP DRAWINGS:**

- N/A UNLESS NOTED OTHERWISE.

**SUBSTITUTIONS:**

- NO SUBSTITUTIONS ARE ALLOWED

**TESTS:**

- BEFORE FINAL ACCEPTANCE OF WORK, THE CONTRACTOR SHALL INSURE THAT ALL EQUIPMENT, SYSTEMS, FIXTURES, ETC., ARE WORKING SATISFACTORILY AND TO THE INTENT OF THE DRAWINGS.

**PERMITS:**

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR TAKING OUT AND PAYING FOR ALL REQUIRED PERMITS, INSPECTION AND EXAMINATION WITHOUT ADDITIONAL EXPENSE TO THE OWNER.

**GROUNDING:**

- THE CONTRACTOR SHALL PROVIDE A COMPLETE, AND APPROVED GROUNDING SYSTEM INCLUDING ELECTRODES, ELECTRODE CONDUCTOR, BONDING CONDUCTORS, AND EQUIPMENT CONDUCTORS AS REQUIRED BY ARTICLE 250 OF THE NATIONAL ELECTRICAL CODE.
- CONDUITS CONNECTED TO EQUIPMENT AND DEVICES SHALL BE METALLICALLY JOINED TOGETHER TO PROVIDE EFFECTIVE ELECTRICAL CONTINUITY.
- FEEDERS AND BRANCH CIRCUIT WIRING INSTALLED IN A NONMETALLIC CONDUIT SHALL INCLUDE A CODE SIZED GROUNDING CONDUCTOR HAVING GREEN INSULATION. THE GROUND CONDUCTOR SHALL BE PROPERLY CONNECTED AT BOTH ENDS TO MAINTAIN ELECTRICAL CONTINUITY.
- REFER TO GROUND BUS DETAILS. PROVIDE NEW GROUND SYSTEM COMPLETE WITH CONDUCTORS, GROUND ROD AND DESCRIBED TERMINATIONS.
- ALL GROUNDING CONDUCTORS SHALL BE SOLID TINNED COPPER AND ANNEALED #2 UNLESS NOTED OTHERWISE.
- ALL NON-DIRECT BURIED TELEPHONE EQUIPMENT GROUND CONDUCTORS SHALL BE #2 STRANDED THHN (GREEN) INSULATION.
- ALL GROUND CONNECTIONS SHALL BE MADE WITH "HYGROUND" COMPRESSION SYSTEM BURNDY CONNECTORS EXCEPT WHERE NOTED OTHERWISE.
- PAINT AT ALL GROUND CONNECTIONS SHALL BE REMOVED.
- GROUNDING SYSTEM RESISTANCE SHALL NOT EXCEED 5 OHMS. IF THE RESISTANCE VALUE IS EXCEEDED, NOTIFY THE OWNER FOR FUTURE INSTRUCTION ON METHODS FOR REDUCING THE RESISTANCE VALUE. SUBMIT TEST REPORTS AND FURNISH TO SMART SMR ONE COMPLETE SET OF PRINTS SHOWING "INSTALLED WORK".

**UTILITY SERVICE:**

- TELEPHONE AND ELECTRICAL METERING FACILITIES SHALL CONFORM TO THE REQUIREMENTS OF THE SERVING UTILITY COMPANIES. CONTRACTOR SHALL VERIFY SERVICE LOCATIONS AND REQUIREMENTS. SERVICE INFORMATION WILL BE FURNISHED BY THE SERVING UTILITIES.
- CONFORM TO ALL REQUIREMENTS OF THE SERVING UTILITY COMPANIES.

**PRODUCTS:**

- ALL MATERIALS SHALL BE NEW, CONFORMING WITH NEC, ANSI, NEMA, AND THEY SHALL BE U.L. LISTED AND LABELED.
- CONDUIT:
  - RIGID CONDUIT SHALL BE U.L. LABEL GALVANIZED ZINC COATED WITH ZINC INTERIOR AND SHALL BE USED WHEN INSTALLED IN OR UNDER CONCRETE SLABS, IN CONTACT WITH THE EARTH, UNDER PUBLIC ROADWAYS, IN MASONRY WALLS OR EXPOSED ON BUILDING EXTERIOR, RIGID CONDUIT IN CONTACT WITH EARTH SHALL BE 1/2 LAPPED WRAPPED WITH HUNTS WRAP PROCESS NO. 3.
  - ELECTRICAL METALLIC TUBING SHALL U.L. LABEL. FITTINGS SHALL BE COMPRESSION TYPE. EMT SHALL BE USED ONLY FOR INTERIOR RUNS.
  - FLEXIBLE METALLIC CONDUIT SHALL HAVE U.L. LISTED LABEL AND MAY BE USED WHERE PERMITTED BY CODE. FITTINGS SHALL BE "JAKE" OR "SQUEEZE" TYPE. SEAL TIGHT FLEXIBLE CONDUIT. ALL CONDUIT EXCESS OF SIX FEET IN LENGTH SHALL HAVE FULL SIZE GROUND WIRE.
  - CONDUIT RUNS MAY BE SURFACE MOUNTED IN CEILING OR WALLS UNLESS INDICATED OTHERWISE. CONDUIT INDICATED SHALL RUN PARALLEL OR AT RIGHT ANGLES TO CEILING, FLOOR OR BEAMS. VERIFY EXACT ROUTING OF ALL EXPOSED CONDUIT WITH ARCHITECT PRIOR TO INSTALLING.
  - ALL UNDERGROUND CONDUITS SHALL BE PVC SCHEDULE 40 (UNLESS NOTED OTHERWISE) AT A MINIMUM DEPTH OF 24" BELOW GRADE.
  - ALL CONDUIT ONLY (C.O.) SHALL HAVE PULL ROPE.
  - CONDUITS RUN ON ROOFS SHALL BE INSTALLED ON 4x4 REDWOOD SLEEPERS, 6'-0" ON CENTER, SET IN NON-HARDENING MASTIC.
- ALL WIRE AND CABLE SHALL BE COPPER, 600 VOLT, #12 AWG MINIMUM UNLESS SPECIFICALLY NOTED OTHERWISE ON THE DRAWINGS. CONDUCTORS #10 AWG AND SMALLER SHALL BE SOLID. CONDUCTORS #8 AWG AND LARGER SHALL BE STRANDED. TYPE THHN INSULATION USED UNLESS CONDUCTORS INSTALLED IN CONDUIT EXPOSED TO WEATHER, IN WHICH CASE TYPE THWN INSULATION SHALL BE USED.
- PROVIDE GALVANIZED COATED STEEL BOXES AND ACCESSORIES SIZED PER CODE TO ACCOMMODATE ALL DEVICES AND WIRING.
- DUPLEX RECEPTACLES SHALL BE SPECIFICATION GRADE WITH WHITE FINISH (UNLESS NOTED BY ENGINEER), 20 AMP, 125 VOLT, THREE WIRE GROUNDING TYPE, NEMA 5-20R, MOUNT RECEPTACLE AT +12" ABOVE FINISHED FLOOR UNLESS OTHERWISE INDICATED ON DRAWINGS OR IN DETAILS. WEATHERPROOF RECEPTACLES SHALL BE GROUND FAULT INTERRUPTER TYPE WITH SIERRA #WPD-8 LIFT COVERPLATES.
- TOGGLE SWITCHES SHALL BE 20 AMP, 120 VOLT AC, SPECIFICATION GRADE WHITE (UNLESS NOTED OTHERWISE) FINISH. MOUNT SWITCHES AT +48" ABOVE FINISHED FLOOR.
- PANELBOARDS SHALL BE DEAD FRONT SAFETY TYPE WITH ANTI-BURN SOLDERLESS COMPRESSION APPROVED FOR COPPER CONDUCTORS, COPPER BUS BARS, FULL SIZED NEUTRAL BUS, GROUND BUS AND EQUIPPED WITH QUICK-MAKE QUICK-BREAK BOLT-IN TYPE THERMAL MAGNETIC CIRCUIT BREAKERS. MOUNT TOP OF THE PANELBOARDS AT 6'-3" ABOVE FINISHED FLOOR. PROVIDE TYPE WRITTEN CIRCUIT DIRECTORY.
- ALL CIRCUIT BREAKERS, MAGNETIC STARTERS AND OTHER ELECTRICAL EQUIPMENT SHALL HAVE AN INTERRUPTING RATING NOT LESS THAN MAXIMUM SHORT CIRCUIT CURRENT TO WHICH THEY MAY BE SUBJECT.
- GROUND RODS SHALL BE COPPER CLAD STEEL, 5/8" ROUND AND 10' LONG. COPPERWELD OR APPROVED EQUAL.

**INSTALLATION:**

- PROVIDE SUPPORTING DEVICES FOR ALL ELECTRICAL EQUIPMENT, FIXTURES, BOXES, PANEL, ETC., SUPPORT LUMINAIRES FROM UNDERSIDE OF STRUCTURAL CEILING. EQUIPMENT SHALL BE BRACED TO WITHSTAND HORIZONTAL FORCES IN ACCORDANCE WITH STATE AND LOCAL CODE REQUIREMENTS. PROVIDE PRIOR ALIGNMENT AND LEVELING OF ALL DEVICES AND FIXTURES.
- CUTTING, PATCHING, CHASES, OPENINGS: PROVIDE LAYOUT IN ADVANCE TO ELIMINATE UNNECESSARY CUTTING OR DRILLING OF WALLS, FLOORS, CEILINGS, AND ROOFS. ANY DAMAGE TO BUILDING STRUCTURE OR EQUIPMENT SHALL BE REPAIRED BY THE CONTRACTOR. OBTAIN PERMISSION FROM THE ENGINEER BEFORE CORING.
- IN DRILLING HOLES INTO CONCRETE WHETHER FOR FASTENING OR ANCHORING PURPOSES, OR PENETRATIONS THROUGH THE FLOOR FOR CONDUIT RUNS, PIPE RUNS, ETC., IT MUST BE CLEARLY UNDERSTOOD THAT TENDONS AND/OR THE REINFORCING STEEL WILL NOT BE DRILLED INTO, CUT OR DAMAGED UNDER THE CIRCUMSTANCES.
- LOCATION OF TENDONS AND/OR REINFORCING STEEL ARE NOT DEFINITELY KNOWN AND THEREFORE, MUST BE SEARCHED FOR BY APPROPRIATE METHODS AND EQUIPMENT VIA X-RAY OR OTHER DEVICES THAT CAN ACCURATELY LOCATE THE REINFORCING AND/OR STEEL TENDONS.
- PENETRATIONS IN FIRE RATED WALLS SHALL BE FIRE STOPPED IN ACCORDANCE WITH THE REQUIREMENTS OF THE C.B.C.

**PROJECT CLOSEOUT:**

- UPON COMPLETION OF WORK, CONDUCT CONTINUITY, SHORT CIRCUIT, AND FALL POTENTIAL GROUNDING TESTS FOR APPROVAL. SUBMIT TEST REPORTS TO PROJECT MANAGER. CLEAN PREMISES OF ALLS DEBRIS RESULTING FROM WORK AND LEAVE WORK IN A COMPLETE AND UNMOUNTED CONDITION.
- PROVIDE PROJECT MANAGER WITH ONE SET OF COMPLETE ELECTRICAL "AS INSTALLED" DRAWINGS AT THE COMPLETION OF THE JOB, SHOWING ACTUAL DIMENSIONS, ROUTINGS AND CIRCUITS.
- ALL BROCHURES, OPERATING MANUALS, CATALOG, SHOP DRAWINGS, ETC., SHALL BE TURNED OVER TO OWNER AT JOB COMPLETION.

**GROUNDING NOTES:**

- ALL DETAILS ARE SHOWN IN GENERAL TERMS. ACTUAL GROUNDING INSTALLATION REQUIREMENTS AND CONSTRUCTION ACCORDING TO SITE CONDITIONS.
- ALL GROUNDING CONDUCTORS: #2 AWG SOLID BARE TINNED COPPER WIRE UNLESS OTHERWISE NOTED.
- GROUND BAR LOCATED IN BASE OF EQUIPMENT WILL BE PROVIDED, FURNISHED AND INSTALLED BY THE VENDOR.
- ALL BELOW GRADE CONNECTIONS: EXOTHERMIC WELD TYPE, ABOVE GRADE CONNECTIONS: EXOTHERMIC WELD TYPE.
- GROUND RING SHALL BE LOCATED A MINIMUM OF 24" BELOW GRADE OR 6" MINIMUM BELOW THE FROST LINE.
- INSTALL GROUND CONDUCTORS AND GROUND ROD MINIMUM OF 1'-0" FROM EQUIPMENT CONCRETE SLAB, SPREAD FOOTING, OR FENCE.
- EXOTHERMIC WELD GROUND CONNECTION TO FENCE POST: TREAT WITH A COLD GALVANIZED SPRAY.
- GROUND BARS:
  - EQUIPMENT GROUND BUS BAR (EGB) LOCATED AT THE BOTTOM OF ANTENNA POLE/MAST FOR MAKING GROUNDING JUMPER CONNECTIONS TO COAX FEEDER CABLES SHALL BE FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR. JUMPERS (FURNISHED BY OWNERS) SHALL BE INSTALLED AND CONNECTED BY ELECTRICAL CONTRACTOR.
- ALL GROUNDING INSTALLATIONS AND CONNECTIONS SHALL BE MADE BY ELECTRICAL CONTRACTOR.
- OBSERVE N.E.C. AND LOCAL UTILITY REQUIREMENTS FOR ELECTRICAL SERVICE GROUNDING.
- GROUNDING ATTACHMENT TO TOWER SHALL BE AS PER MANUFACTURER'S RECOMMENDATIONS OR AT GROUNDING POINTS PROVIDED (2 MINIMUM).
- IF EQUIPMENT IS IN A C.L. FENCE ENCLOSURE, GROUND ONLY CORNER POSTS AND SUPPORT POSTS OF GATE. IF CHAIN LINK LID IS USED, THEN GROUND LID ALSO.
- GROUNDING AT PPC CABINET SHALL BE VERTICALLY INSTALLED.
- ALL GROUNDING FOR ANTENNAS SHALL BE CONNECTED SO THAT IT WILL BY-PASS MAIN BUSS BAR.
- ALL EMT RUNS SHALL BE GROUNDED AND HAVE A BUSHING, NO PVC ABOVE GROUND.
- USE SEPARATE HOLES FOR GROUNDING AT BUSS BAR. NO "DOUBLE-UP" OF LUGS.
- POWER AND TELCO CABINETS SHALL BE GROUNDED (BONDED) TOGETHER.
- NO LBS ALLOWED ON GROUNDING.
- PROVIDE STAINLESS STEEL CLAMP AND BRASS TAGS ON COAX AT ANTENNAS AND DOGHOUSE.

- This installation shall comply with the currently adopted edition of the National Electrical Code and with utility company and local code requirements.
- Install sufficient lengths of LFMC including all conduit fittings (nuts, reducing bushings, elbows, couplings, etc) necessary for connection from IMC or PVC conduit to the interior of the BTS cabinet.
- Power, control and equipment ground wiring in tubing or conduit shall be single conductor (#14 AWG and larger), 600V, oil resistant THHN or THWN-2. Class B stranded copper cable rated for 90°C (wet and dry) operation; listed or labeled for the location and raceway system used.
- Cut, coil and tape a 3 foot pigtail from end of LFMC for terminating by BTS equipment manufacturer.
- Supplemental equipment ground wiring located indoors shall be single conductor (#6 AWG and larger), 600V, oil resistant THHN or THWN-2 green insulation, Class B stranded copper cable rated for 90°C (wet and dry) operation, listed or labeled for the location and raceway system used.
- Supplemental equipment ground wiring located outdoors or below grade shall be single conductor #2 AWG solid, tinned, copper cable.
- Power and control wiring, not in tubing or conduit, shall be multi-conductor, Type TC. Cable (#14 AWG and larger), 600V, oil resistant THHN or THWN-2, Class B, Stranded copper cable rated for 90°C (Wet or Dry) operation, with outer jacket listed or labeled for the location used.
- Cables shall not be routed through ladder-style cable tray rungs.
- Raceway and cable tray shall be listed or labeled for electrical use in accordance with NEMA, UL, ANSI/IEEE and NEC.
- New raceway or cable tray shall match the existing installation where possible.
- All power and grounding connections shall be crimp style, compression, wire lugs and wirenuts by Thomas and Betts (or equal). Lugs and wirenuts shall be rated for operation at no less than 75°C.
- Each end of every power, grounding and T1 conductor and cable shall be labeled with color coded insulation or electrical tape. The identification method shall conform with NEC & OSHA and match existing installation requirements.
- All electrical components shall be clearly labeled with engraved laminated plastic labels. All equipment shall be labeled with their voltage rating, phase configuration, wire configuration, power or ampacity rating and branch circuit ID numbers (panelboard and circuit identification).
- All tie wraps shall be cut flush with approved cutting tool to remove sharp edges.
- Rigid nonmetallic conduit (PVC Schedule 40 or PVC Schedule 80) shall be used underground, direct buried in areas of occasional light vehicle traffic or encased in reinforced concrete in areas of heavy vehicle traffic.
- All conduit run above ground or exposed shall be LFMC, IMC or Rigid Steel.
- Electrical metallic tubing (EMT) shall be used for concealed indoor locations.
- Liquid tight flexible metallic conduit shall be used indoors and outdoors where vibration occurs or flexibility is needed.
- Conduit and tubing fittings shall be threaded or compression type and approved for the location used. Setscrew fittings are not acceptable.
- Cabinets, boxes and wireways shall be listed or labeled for electrical use in accordance with NEMA, UL, ANSI/IEEE and NEC.
- Cabinets, boxes and wireways shall match the existing installation where possible.
- Provide necessary tagging on the breakers, cables and distribution panels in accordance with applicable codes and standards to safeguard life and property.
- The subcontractor shall review and inspect the existing facility grounding system and lightning protection system (as designed and installed) for strict compliance with the NEC. The site specific lightning protection code and general compliance with Telcordia and TIA grounding standards. The subcontractor shall report any violations or adverse findings to the contractor for resolution.
- All electrode systems (including telecommunication, radio, lightning protection and AC power GESS's) shall be bonded together at or below grade by two or more copper bonding conductors in accordance with the NEC.
- Perform IEEE fall-of-potential resistance to earth testing (per IEEE 1100 and 81) for new ground electrode systems. The subcontractor shall furnish and install supplemental ground electrodes as needed to achieve a test result of 5 ohms or less.
- Metal raceway shall not be used as the NEC required equipment ground conductor. Stranded copper conductors with green insulation sized in accordance with the NEC shall be furnished and installed with the power circuits to BTS equipment.
- Each indoor BTS cabinet frame shall be directly connected to the master ground bar with supplemental equipment ground wires #6 or larger.
- Exothermic welds shall be used for all grounding connections below grade.
- Approved antioxidant coatings (i.e. conductive gel or paste) shall be used on all compression and bolted ground connections.
- ICE bridge bonding conductors shall be exothermically bonded or bolted to the bridge and the tower ground bar.
- Surfaces to be connected to ground conductors shall be cleaned to a bright surface at all connections.
- Exposed ground connections shall be made with compression connectors which are then bolted to equipment using stainless steel hardware. Installation torque shall be per manufacturer's requirements.
- DC power cables shall be Cobra COP-FLEX 2000, Flexible Class B or approved equal.

**ABBREVIATIONS:**

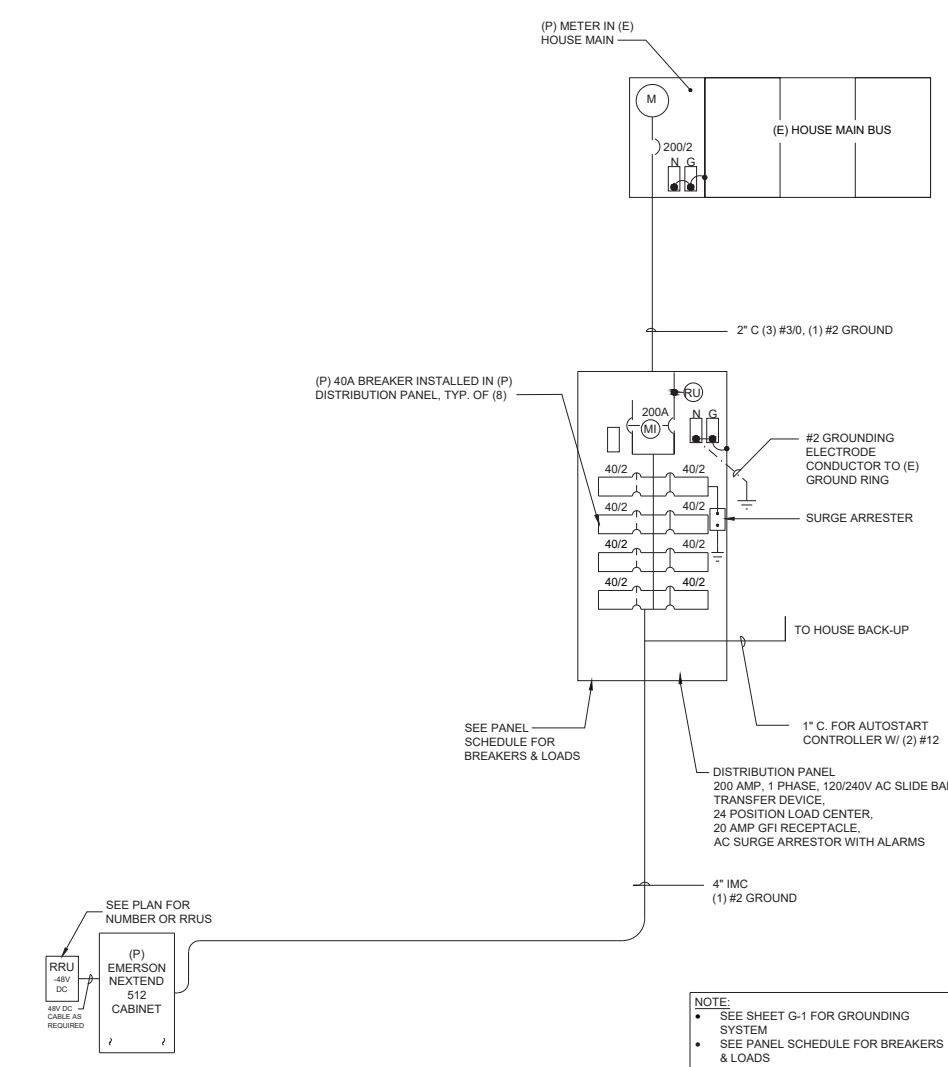
BCW	BARE COPPER WIRE
BTS	BASE TRANSCEIVER STATION
C	CONDUIT
(E)	EXISTING
EG	EQUIPMENT GROUND
(F)	FUTURE
FACP	FIRE ALARM CONTROL PANEL
GEN	GENERATOR
IG	ISOLATED GROUND
IMC	INTERMEDIATE METAL CONDUIT
LFMC	LIQUID TIGHT FLEXIBLE METAL CONDUIT
MCM	MILLION CIRCULAR MILLS
M	MECHANICAL INTERLOCK
MP&S	SEE MECHANICAL PLANS & SPECIFICATIONS
(N)	NEW
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NL	NIGHT LIGHT - FIXTURE TO BE UNSWITCHED
PFB	PROVISION FOR FUTURE BREAKER
M	POLYVINYL CHLORIDE CONDUIT
(R)	RELOCATE
RG	RELAY TO MONITOR GENERATOR POWER
RU	RELAY TO MONITOR UTILITY POWER
TYP	TYPICAL
UN	UNLESS OTHERWISE NOTED
WP	WEATHERPROOF
GFCI	GROUND FAULT CIRCUIT INTERRUPTER

NOTE: SYMBOLS INDICATED ABOVE MAY NOT NECESSARILY APPEAR AS PART OF THESE DRAWINGS IF NOT REQUIRED.

**4 ABBREVIATIONS**  
N.T.S.

NOTE: ALL BREAKERS AND PANELS SHOWN ARE EXISTING UNLESS NOTED AS (P) PROPOSED OR (N) NEW.

**LEGEND:**  
MI = MECHANICAL INTERLOCK  
RU = RELAY TO MONITOR UTILITY POWER  
RG = RELAY TO MONITOR GENERATOR POWER



borgesarch.com

1478 STONE POINT DRIVE, SUITE 350  
ROSEVILLE CA 95661  
916 782 7200 TEL  
916 773 3037 FAX



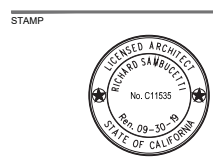
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240 STOCKTON STREET, 3RD FLOOR  
SAN FRANCISCO, CA 94108



5001 EXECUTIVE PARKWAY  
SAN RAMON, CA 94583

REV	DATE	DESCRIPTION
2	04/04/18	Plan Check
1	11/08/17	100% CD Submittal
0	10/03/17	90% CD Submittal



DRAWN BY: J.V.M PROJECT NO: T-15512-7

CHECK BY: B.K.W.

SHEET TITLE

**ELECTRICAL NOTES & SINGLE LINE DIAGRAM**

SHEET NO.

**NOTES:**

- ALL WIRE TO BE #12 THHN/THWN UNLESS NOTED OTHERWISE.  
COLOR CODE:  
• **BLK** = BLACK  
• **RED** = RED  
• **WHITE** = WHITE  
• **GREEN** = GREEN
- ALL WORK TO CONFORM TO N.E.C. LATEST STATE ADOPTED EDITION.
- LABEL SERVICE DISCONNECT WITH A RED TAG.
- SWITCH LEG CONDUCTORS SHALL BE THE SAME COLOR AS CIRCUIT CONDUCTORS.
- PULL WIRES TO END OF FLEXIBLE NONMETALLIC CONDUIT. COIL 3'-0" AT END OF FLEXIBLE NONMETALLIC CONDUIT & TAG.
- PULL ONE GROUND CONDUCTOR PER FLEXIBLE NONMETALLIC CONDUIT. FOR ALL OTHER CIRCUITS PULL A SEPARATE CONDUCTOR.
- ALL GFCI RECEPTACLES TO HAVE A DEDICATED GROUND WIRE.
- EQUIPMENT TERMINATION LUGS AND CONDUCTORS ARE RATED AT A MINIMUM OF 75°C.

**KEY:**

- ☉ = PHOTOCELL
- Ⓜ = MOTION DETECTOR
- = CONDUIT GROUND
- # = NON-DEDICATED GROUND
- [#] = DEDICATED GROUND
- <-> = ISOLATED GROUND

LOAD				LOAD PER PHASE (VA)		WIRE COLOR	LOADS CONTINUOUS	LOADS NON-CONTINUOUS	LOADS SUB-PANEL	WIRE SIZE	GROUNDING WIRE SIZE	TRIP	TRIP	GROUNDING WIRE SIZE	WIRE SIZE	LOADS SUB-PANEL	LOADS CONTINUOUS	LOADS NON-CONTINUOUS	WIRE COLOR	LOAD PER PHASE (VA)		LOAD				
DESCRIPTION	QTY.	UNIT KVA	PHASE		A															B	PHASE	UNIT KVA	QTY.	DESCRIPTION		
			A	B																					A	B
1	RECTIFIER #1	1	1.000	1.000	BLK		X		8	(10)	40								BLK			SPACE	2			
3		1	1.000		RED															RED			SPACE	4		
5	RECTIFIER #2	1	1.000	1.000	BLK		X		8	(10)	40									BLK			SPACE	6		
7		1	1.000		RED															RED			SPACE	8		
9	RECTIFIER #3	1	1.000	1.000	BLK		X		8	(10)	40									BLK			SPACE	10		
11		1	1.000		RED															RED			SPACE	12		
13	RECTIFIER #4	1	1.000	1.000	BLK		X		8	(10)	40									BLK			SPACE	14		
15		1	1.000		RED															RED			SPACE	16		
17	RECTIFIER #5	1	1.000	1.000	BLK		X		8	(10)	40									BLK			SPACE	18		
19		1	1.000		RED															RED			SPACE	20		
21	RECTIFIER #6	1	1.000	1.000	BLK		X		8	(10)	40									BLK			SPACE	22		
23		1	1.000		RED															RED			SPACE	24		
25	RECTIFIER #7	1	1.000	1.000	BLK		X		8	(10)	40									BLK			SPACE	26		
27		1	1.000		RED															RED			SPACE	28		
29	RECTIFIER #8	1	1.000	1.000	BLK		X		8	(10)	40									BLK			SPACE	30		
31		1	1.000		RED															RED			SPACE	32		
33	RECTIFIER #9 (OPTIONAL)				BLK		X		8	(10)	40									BLK			SPACE	34		
35					RED															RED			SPACE	36		
37	RECTIFIER #10 (OPTIONAL)				BLK															BLK			SPACE	38		
39					RED															RED			SPACE	40		
41	SPACE				BLK															BLK			SPACE	42		
SUBTOTAL CONTINUOUS				8.000	8.000																-	-	SUBTOTAL CONTINUOUS	TOTAL KVA CONTINUOUS x 1.25	10.00	
SUBTOTAL NON-CONTINUOUS																						-	-	SUBTOTAL NON-CONTINUOUS	TOTAL KVA NON-CONTINUOUS	-
SUBTOTAL SUB-PANEL																						-	-	SUBTOTAL SUB-PANEL	TOTAL KVA SUB-PANEL	-
PANEL DESIGNATION: ELECTRICAL PANEL (ITEM 1)																						TOTAL KVA		10.00		
MAIN LUGS: N/A		MAIN BREAKER: 200 AMP		MAIN BREAKER A.I.C. RATING: 22,000 A.I.C		BRANCH BREAKER A.I.C. RATING: 10,000 A.I.C		TOTAL KVA		10.00																
VOLTAGE: 120/240		CYCLE: 60		PHASE: 1		WIRES: 3		MAIN COPPER BUS: 200 AMP		NEUTRAL: 200 AMPS		BRANCH BREAKER TYPE: SQUARE D - BOLT ON		TOTAL AMPS		83.33										

**11** PROPOSED A/C POWER SCHEDULE  
N.T.S.



borgesarch.com  
1478 STONE POINT DRIVE, SUITE 350  
ROSEVILLE CA 95661  
916 782 7200 TEL  
916 773 3037 FAX



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SHEET TITLE

**POWER PANEL SCHEDULE**

SHEET NO.

**GROUNDING NOTES**

FOR ADDITIONAL GROUNDING INFORMATION SEE AT&T GROUND STANDARDS ATT-TP-76416

- ALL ELECTRICAL AND GROUNDING AT THE CELL SITE SHALL COMPLY WITH THE NATIONAL ELECTRICAL CODE (NEC), NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 780 (LATEST EDITION), AND MANUFACTURER SPECIFICATION.
- IF THE AC PANEL IN THE POWER CABINET IS WIRED AS SERVICE ENTRANCE, THE AC SERVICE GROUND CONDUCTOR SHALL BE CONNECTED TO GROUND ELECTRODE SYSTEM. WHEN THE AC PANEL IN THE POWER CABINET IS CONSIDERED A SUB-PANEL, THE GROUND WIRE SHALL BE INSTALLED IN THE AC POWER CONDUIT. THE INSTALLATION SHALL BE PER LOCAL AND NATIONAL ELECTRIC CODE (NFPA-70).
- EXOTHERMIC WELDING IS RECOMMENDED FOR GROUNDING CONNECTION WHERE PRACTICAL. OTHERWISE, THE CONNECTION SHALL BE MADE USING COMPRESSION TYPE-2 HOLES, LONG BARREL LUGS OR DOUBLE CRIMP CLAMP "C" CLAMP. THE COPPER CABLES SHALL BE COATED WITH ANTI-OXIDANT (COPPER SHIELD) BEFORE MAKING THE CONNECTIONS. THE MANUFACTURER'S TORQUING RECOMMENDATIONS ON THE BOLT ASSEMBLY TO SECURE CONNECTIONS SHALL BE FOLLOWED.
- THE ANTENNA CABLES SHALL BE GROUND AT THE TOP AND BOTTOM OF THE VERTICAL RUN FOR LIGHTING PROTECTION. THE ANTENNA CABLE SHIELD SHALL BE BONDED TO A COPPER GROUND BUSS AT THE LOWER MOST POINT OF A VERTICAL RUN JUST BEFORE IT BEGINS TO BEND TOWARD THE HORIZONTAL PLANE. WIRE RUNS TO GROUND SHALL BE KEPT AS STRAIGHT AND SHORT AS POSSIBLE. ANTENNA CABLE SHIELD SHALL BE GROUND JUST BEFORE ENTERING THE CELL CABINET. ANY ANTENNA CABLES OVER 200 FEET IN LENGTH SHALL ALSO BE EQUIPPED WITH ADDITIONAL GROUNDING AT MID-POINT.
- ALL GROUNDING CONDUCTORS INSIDE THE BUILDING SHALL BE RUN IN CONDUIT RACEWAY SYSTEM, AND SHALL BE INSTALLED AS STRAIGHT AS PRACTICAL WITH MINOR BENDS TO AVOID OBSTRUCTIONS. THE BENDING RADIUS OF ANY #2 GROUNDING CONDUCTOR IS 8". PVC RACEWAY MAY BE FLEXIBLE OR RIGID PER THE FIELD CONDITIONS. GROUNDING CONDUCTORS SHALL NOT MAKE CONTACT WITH ANY METALLIC CONDUITS, SURFACES OR EQUIPMENT.
- PROVIDE PVC SLEEVES WHERE GROUNDING CONDUCTORS PASS THROUGH THE BUILDING WALLS AND /OR CEILINGS.
- INSTALL GROUND BUSHINGS ON ALL METALLIC CONDUITS AND BOND TO THE EQUIPMENT GROUND BUSS IN THE PANEL BOARD.
- GROUND ANTENNA BASES, FRAMES, CABLE RACKS AND OTHER METALLIC COMPONENTS WITH #2 GROUNDING CONDUCTORS AND CONNECT TO INSULATED SURFACE MOUNTED GROUND BARS. CONNECTION DETAILS SHALL FOLLOW MANUFACTURER'S SPECIFICATIONS FOR GROUNDING.
- ALL PROPOSED GROUNDING CONDUCTORS SHALL BE ROUTED AND CONNECTED TO THE MAIN GROUND BAR OR EXISTING GROUND RING.



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ROSEVILLE CA 95661  
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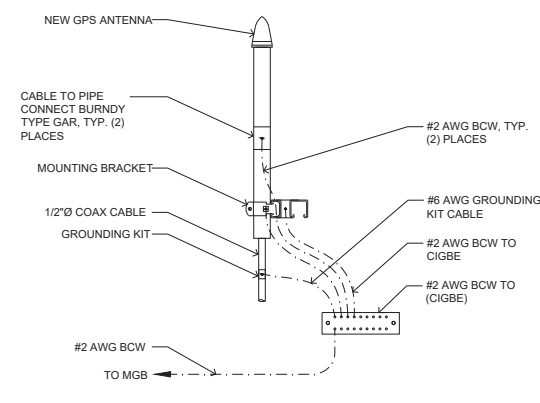
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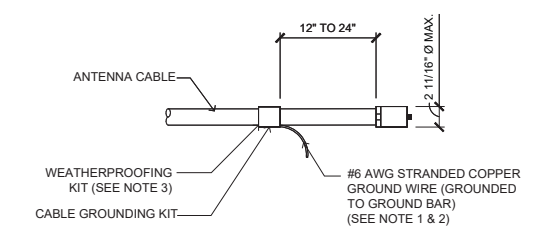


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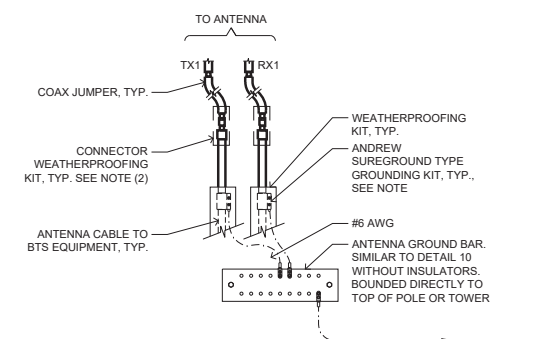


**19 GPS ANTENNA GROUNDING**  
1/2"=1'-0"



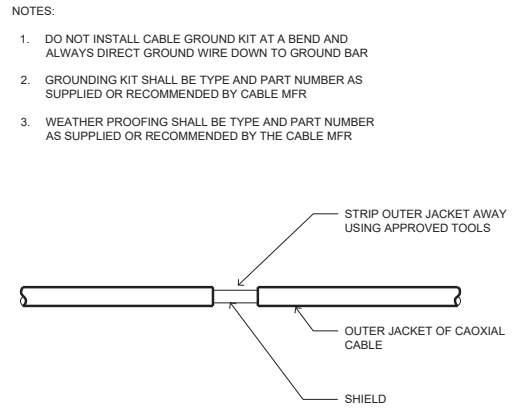
- NOTE:**
- DO NOT INSTALL CABLE GROUND KIT AT A BEND AND ALWAYS DIRECT WIRE DOWN TO GROUND BAR.
  - GROUNDING KIT SHALL BE TYPE AND PART NUMBER AS SUPPLIED OR RECOMMENDED BY CABLE MANUFACTURER.
  - WEATHER PROOFING SHALL BE (TYPE AND PART NUMBER AS SUPPLIED OR RECOMMENDED BY CABLE MANUFACTURER.)

**18 CONNECTION OF GRND KIT TO ANTENNA CABLE**  
1/2"=1'-0"

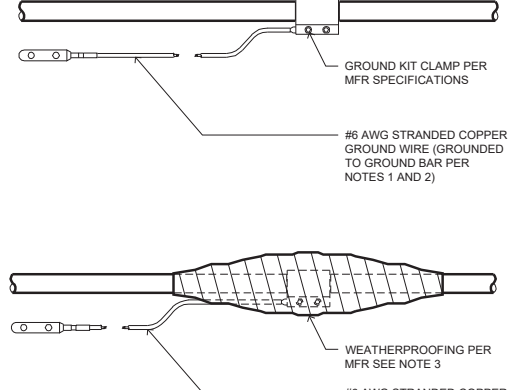


- NOTE:**
- DO NOT INSTALL CABLE GROUND KIT AT A BEND AND ALWAYS DIRECT GROUND WIRE DOWN TO ANTENNA GROUND BAR.
  - WEATHER PROOFING SHALL BE ANDREW TWO-PART TAPE KIT. COLD SHRINK SHALL NOT BE USED.

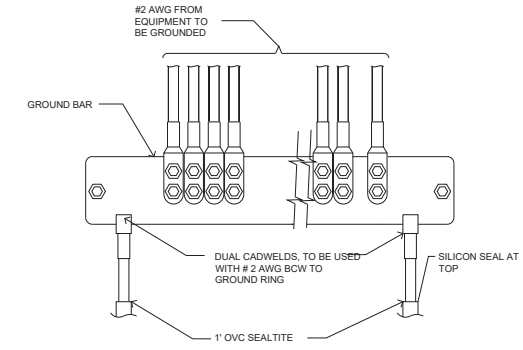
**17 GRND CONNECTION TO GRND BAR**  
1/2"=1'-0"



**11 GROUND BAR CONNECTION DETAIL**  
NOT TO SCALE

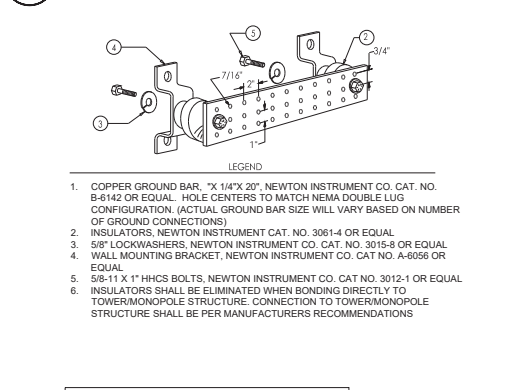


**14 GROUND KIT**  
1/2"=1'-0"



- NOTE:**
- CONTRACTOR TO UTILIZE KOPR-SHIELD (THANS & BETTS) ON ALL LUG CONNECTIONS OR APPROVED EQUAL.
  - ALL LUGS TO BE DUAL HOLE LONG BARREL AND CRIMPED TWICE WITH MFR'S RECOMMENDED TOOL.

**11 GROUND BAR CONNECTION DETAIL**  
NOT TO SCALE

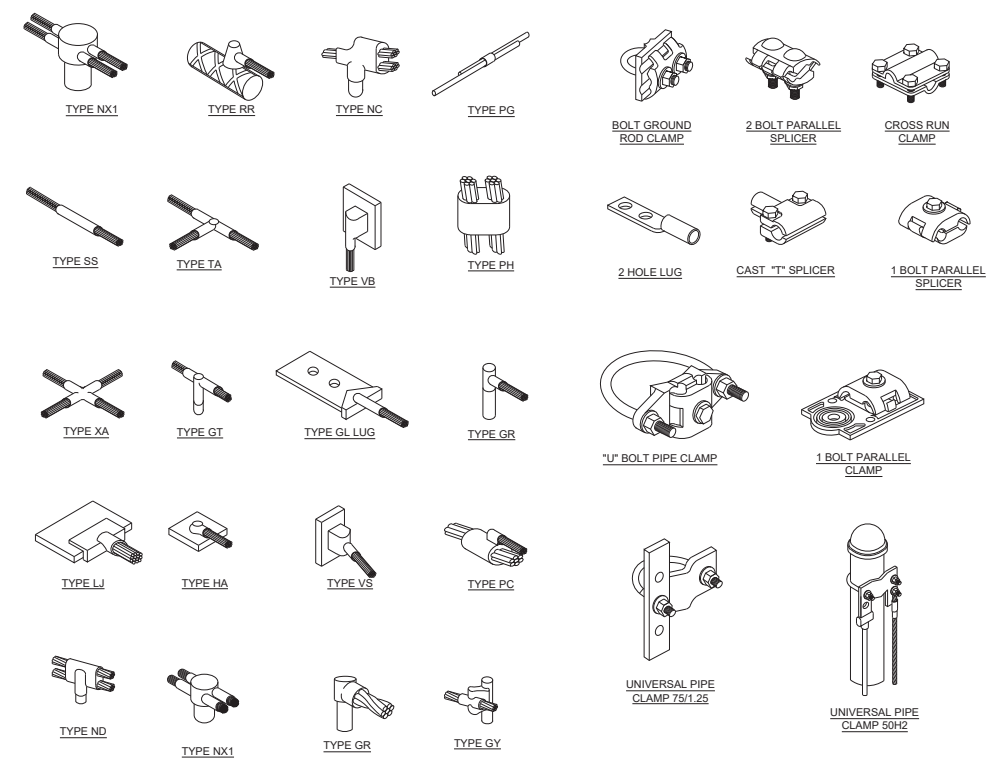


**NOTE: ALL HARDWARE SHALL BE STAINLESS STEEL**

**10 GROUND BAR DETAIL**  
NOT TO SCALE

**GROUNDING LEGEND**

- EXISTING GROUND RING
- CADWELD CONNECTION (EXOTHERMIC WELD)
- ▲ MECHANICAL CONNECTION
- ⊗ GROUND ROD



**TYPICAL CADWELD TYPE CONNECTIONS**

**TYPICAL MECHANICAL TYPE CONNECTIONS**

NO SCALE

NO SCALE

STAMP



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SHEET TITLE

**GROUNDING NOTES & DETAILS**

SHEET NO.





view from Howard Street looking southeast at site  
 AdvanceSim PHOTO SIMULATION SOLUTIONS Contact: (925) 360-8107  
 AT&T Wireless CCL04727 Podium Building A at 318 Main-Perm 318 Main Street, San Francisco, CA Photosims Produced on 8-7-2017



view from Beale Street looking southeast at site  
 AdvanceSim PHOTO SIMULATION SOLUTIONS Contact: (925) 360-8107  
 AT&T Wireless CCL04727 Podium Building A at 318 Main-Perm 318 Main Street, San Francisco, CA Photosims Produced on 8-7-2017



view from Howard Street looking southeast at site  
 AdvanceSim PHOTO SIMULATION SOLUTIONS Contact: (925) 360-8107  
 AT&T Wireless CCL04727 Podium Building A at 318 Main-Perm 318 Main Street, San Francisco, CA Photosims Produced on 8-7-2017



view from Main Street looking southeast at site  
 AdvanceSim PHOTO SIMULATION SOLUTIONS Contact: (925) 360-8107  
 AT&T Wireless CCL04727 Podium Building A at 318 Main-Perm 318 Main Street, San Francisco, CA Photosims Produced on 8-7-2017



view from Spear Street looking south at site  
 AdvanceSim PHOTO SIMULATION SOLUTIONS Contact: (925) 360-8107  
 AT&T Wireless CCL04727 Podium Building A at 318 Main-Perm 318 Main Street, San Francisco, CA Photosims Produced on 8-7-2017



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 SHEET TITLE

PHOTO  
 SIMULATIONS

SHEET NO.

*Existing*



*Proposed*



*view from Spear Street looking south at site*

 **AT&T Wireless** CCL04727 Podium Building A at 318 Main-Perm  
318 Main Street, San Francisco, CA  
Photosims Produced on 8-7-2017

**Existing**



**Proposed**



*view from Main Street looking southeast at site*

**AT&T Wireless** CCL04727 Podium Building A at 318 Main-Perm  
 318 Main Street, San Francisco, CA  
 Photosims Produced on 8-7-2017




**Existing**



**Proposed**



*view from Howard Street looking southeast at site*

 **AT&T Wireless** CCL04727 Podium Building A at 318 Main-Perm  
318 Main Street, San Francisco, CA  
Photosims Produced on 8-7-2017

# Existing



# Proposed



view from Beale Street looking southeast at site

*Existing*



*Proposed*



*view from Howard Street looking southeast at site*

 **AT&T Wireless** CCL04727 Podium Building A at 318 Main-Perm  
318 Main Street, San Francisco, CA  
Photosims Produced on 8-7-2017

# **EXHIBIT C**



# SAN FRANCISCO PLANNING DEPARTMENT

## CEQA Categorical Exemption Determination

### PROPERTY INFORMATION/PROJECT DESCRIPTION

<b>Project Address</b>		<b>Block/Lot(s)</b>
318 MAIN ST - AT&T WTS Facility New Site Build		3746064
<b>Case No.</b>		<b>Permit No.</b>
2018-002007PRJ		
<input checked="" type="checkbox"/> <b>Addition/ Alteration</b>	<input type="checkbox"/> <b>Demolition (requires HRE for Category B Building)</b>	<input type="checkbox"/> <b>New Construction</b>
<p><b>Project description for Planning Department approval.</b>          AT&amp;T proposes modifying an existing unmanned telecommunication facility. Currently (6) existing panel antennas located on the existing roof, include an additional (3) antennas. Replace the existing antennas and brackets with new HEX port 4' antennas with slimmer brackets, and cable shrouds. In addition there are currently (6) RRH units mounted in the existing equipment room on basement level. AT&amp;T proposes to install (9) additional RRH units to the existing rooftop penthouse and relocate the existing (6) existing RRH units to the rooftop penthouse. Relocate GPS to existing doghouse.</p>		

### STEP 1: EXEMPTION CLASS

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

**STEP 2: CEQA IMPACTS**  
**TO BE COMPLETED BY PROJECT PLANNER**

<p>If any box is checked below, an <i>Environmental Evaluation Application</i> is required.</p>	
<input type="checkbox"/>	<p><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 &gt; CEQA Catex Determination Layers &gt; Air Pollution Exposure Zone)</p>
<input type="checkbox"/>	<p><b>Hazardous Materials:</b> If the project site is located on the Maher map or is suspected of containing hazardous materials (based on a previous use such as gas station, auto repair, dry cleaners, or heavy manufacturing, or a site with underground storage tanks): Would the project involve 50 cubic yards or more of soil disturbance - or a change of use from industrial to residential? If yes, this box must be checked and the project applicant must submit an Environmental Application with a Phase I Environmental Site Assessment. <i>Exceptions: do not check box if the applicant presents documentation of enrollment in the San Francisco Department of Public Health (DPH) Maher program, a DPH waiver from the Maher program, or other documentation from Environmental Planning staff that hazardous material effects would be less than significant (refer to EP_ArcMap &gt; Maher layer).</i></p>
<input type="checkbox"/>	<p><b>Transportation:</b> Does the project create six (6) or more net new parking spaces or residential units? Does the project have the potential to adversely affect transit, pedestrian and/or bicycle safety (hazards) or the adequacy of nearby transit, pedestrian and/or bicycle facilities?</p>
<input type="checkbox"/>	<p><b>Archeological Resources:</b> Would the project result in soil disturbance/modification greater than two (2) feet below grade in an archeological sensitive area or eight (8) feet in a non -archeological sensitive area? (refer to EP_ArcMap &gt; CEQA Catex Determination Layers &gt; Archeological Sensitive Area)</p>
<input type="checkbox"/>	<p><b>Subdivision/Lot Line Adjustment:</b> Does the project site involve a subdivision or lot line adjustment on a lot with a slope average of 20% or more? (refer to EP_ArcMap &gt; CEQA Catex Determination Layers &gt; Topography)</p>
<input type="checkbox"/>	<p><b>Slope = or &gt; 20%:</b> Does the project involve any of the following: (1) square footage expansion greater than 1,000 sq. ft. outside of the existing building footprint, (2) excavation of 50 cubic yards or more of soil, (3) new construction? (refer to EP_ArcMap &gt; CEQA Catex Determination Layers &gt; Topography) <b>If box is checked, a geotechnical report is required.</b></p>
<input type="checkbox"/>	<p><b>Seismic: Landslide Zone:</b> Does the project involve any of the following: (1) square footage expansion greater than 1,000 sq. ft. outside of the existing building footprint, (2) excavation of 50 cubic yards or more of soil, (3) new construction? (refer to EP_ArcMap &gt; CEQA Catex Determination Layers &gt; Seismic Hazard Zones) <b>If box is checked, a geotechnical report is required.</b></p>
<input type="checkbox"/>	<p><b>Seismic: Liquefaction Zone:</b> Does the project involve any of the following: (1) square footage expansion greater than 1,000 sq. ft. outside of the existing building footprint, (2) excavation of 50 cubic yards or more of soil, (3) new construction? (refer to EP_ArcMap &gt; CEQA Catex Determination Layers &gt; Seismic Hazard Zones) <b>If box is checked, a geotechnical report will likely be required.</b></p>
<p><b>If no boxes are checked above, GO TO STEP 3. If one or more boxes are checked above, an <i>Environmental Evaluation Application</i> is required, unless reviewed by an Environmental Planner.</b></p>	
<p><b>Comments and Planner Signature (optional):</b> Ashley Lindsay</p>	

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

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

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

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

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

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

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

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

<input type="checkbox"/>	<b>Further environmental review required.</b> Proposed project does not meet scopes of work in either (check all that apply): <input type="checkbox"/> Step 2 - CEQA Impacts <input type="checkbox"/> Step 5 - Advanced Historical Review <b>STOP! Must file an <i>Environmental Evaluation Application</i>.</b>	
<input checked="" type="checkbox"/>	<b>No further environmental review is required. The project is categorically exempt under CEQA. There are no unusual circumstances that would result in a reasonable possibility of a significant effect.</b>	
	<b>Project Approval Action:</b> Commission Hearing	<b>Signature:</b> Ashley Lindsay
	If Discretionary Review before the Planning Commission is requested, the Discretionary Review hearing is the Approval Action for the project.	11/08/2018
Once signed or stamped and dated, this document constitutes a categorical exemption pursuant to CEQA Guidelines and Chapter 31 of the Administrative Code. In accordance with Chapter 31 of the San Francisco Administrative Code, an appeal of an exemption determination can only be filed within 30 days of the project receiving the first approval action. Please note that other approval actions may be required for the project. Please contact the assigned planner for these approvals.		



**STEP 7: MODIFICATION OF A CEQA EXEMPT PROJECT**

**TO BE COMPLETED BY PROJECT PLANNER**

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

**PROPERTY INFORMATION/PROJECT DESCRIPTION**

Project Address (If different than front page)		Block/Lot(s) (If different than front page)
318 MAIN ST - AT&T WTS Facility New Site Build		3746/064
Case No.	Previous Building Permit No.	New Building Permit No.
2018-002007PRJ		
Plans Dated	Previous Approval Action	New Approval Action
	Commission Hearing	
Modified Project Description:		

**DETERMINATION IF PROJECT CONSTITUTES SUBSTANTIAL MODIFICATION**

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

**DETERMINATION OF NO SUBSTANTIAL MODIFICATION**

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

## **EXHIBIT D**

STATE OF CALIFORNIA     )  
  )  
COUNTY OF ORANGE)

**DECLARATION OF MAILING RE: COMMUNITY  
OUTREACH MEETING ON A WIRELESS  
COMMUNICATION FACILITY PROPOSED IN  
YOUR NEIGHBORHOOD**

I, Norah Jaffan \_\_\_\_\_, do hereby declare as follows:

1. I am a Project Manager of NotificationMaps.com. I am over 18 years of age and I am a resident of the County of Orange, State of California.
2. On Aug 1, 2017 I caused to be mailed and/or distributed a copy of “COMMUNITY OUTREACH MEETING ON A WIRELESS COMMUNICATION FACILITY PROPOSED IN YOUR NEIGHBORHOOD” to the following location(s) within the 500 foot boundaries of the proposed site and also including neighborhood association within 500 foot boundaries of site and the list is compliant with Public Works Code 1512 (b)(1):

- |                                  |                    |
|----------------------------------|--------------------|
| a. <u>See Attached Map</u>       | b. <u>318 Main</u> |
| <u>See Attached Mailing List</u> | _____              |
| <u>See Attached Notice</u>       | _____              |
| c. _____                         | d. _____           |
| _____                            | _____              |
| _____                            | _____              |

3. The attached list was prepared using the latest available data per the County Assesor’s Office.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

Executed 08/02/2017 at County of Orange, California.

By:



Norah Jaffan  
\_\_\_\_\_  
*[Please Print Name]*

**COMMUNITY OUTREACH MEETING ON A WIRELESS COMMUNICATION FACILITY  
PROPOSED IN YOUR NEIGHBORHOOD**

**To: Neighbors within 500 feet of 318 Main Street, San Francisco, CA 94105**

<p><b>Meeting Information</b> Date: Wednesday, August 30, 2017 Time: 6:00 p.m. Where: Mechanics' Institute Library and Chess Room 57 Post Street San Francisco, CA 94014</p> <p><b>Applicant</b> AT&amp;T Mobility c/o Modus Inc. 240 Stockton St., 3<sup>rd</sup> floor San Francisco, CA 94108</p> <p><b>AT&amp;T Site Information</b> Address: 318 Main Street San Francisco, CA 94105 APN: 3746/007 Zoning: RC-4 – Residential-Commercial, High Density</p> <p><b>Contact Information</b> Michelle Yonemoto 240 Stockton St., 3<sup>rd</sup> floor San Francisco, CA 94108 (415) 297-6521 myonemoto@modus-corp.com</p> <p><i>*This is not a Library Sponsored Program</i></p>	<p>AT&amp;T Mobility has applied for zoning approval to install a cell site on the roof top of 318 Main Street in San Francisco. The proposed modification will enhance AT&amp;T Mobility's network by adding more spectrum, resulting in faster and more reliable data streaming. This update will improve service for AT&amp;T Mobility's customers with significantly faster data rates for both uploading and downloading.</p> <p>You are invited to attend an informational community meeting on Wednesday, August 30th at 6:00 p.m. at the Mechanics' Institute Library and Chess Room at 57 Post Street. This project will be scheduled for a Planning Commission public hearing after the neighborhood meeting. Architectural plans and photo simulations will be available for your review at the meeting.</p> <p>If you are unable to attend the meeting and would like to request information, please contact Michelle Yonemoto at (415) 297-6521 or at myonemoto@modus-corp.com.</p> <p>If you have any questions about the zoning process, you may contact the San Francisco Planning Department at (415) 558-6378 or pic@sfgov.org.</p> <p><b>NOTE: If you require an interpreter to be present at the meeting, please contact our office at (415) 297-6521 or myonemoto@modus-corp.com no later than August 22, 2017 and we will make every effort to provide you with an interpreter.</b></p>
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**NOTIFICACIÓN DE REUNIÓN DE ALCANCE COMUNITARIO SOBRE UNA INSTALACIÓN DE COMUNICACIONES INALÁMBRICAS PROPUESTA PARA SU VECINDARIO**

**A: Vecinos A Menos De 500 Pies De 318 Main Street, San Francisco, CA 94105**

<p><b>Información de la reunión</b> Fecha: Miércoles 30 de Agosto de 2017 Hora: 6:00 p.m. Dónde: Biblioteca del Instituto de Mecánica y Sala de Ajedrez 57 Post Street San Francisco, CA 94104</p> <p><b>Solicitante</b> AT&amp;T Mobility c/o Modus Inc. 240 Stockton St., 3<sup>rd</sup> floor San Francisco, CA 94108</p> <p><b>AT&amp;T Mobility Información del lugar</b> Dirección: 318 Main Street San Francisco, CA 94105 APN: 3746/007 Zonificación: RC-4 – Residencial Comercial, de alta densidad</p> <p><b>Información de contacto</b> Michelle Yonemoto 240 Stockton St., 3<sup>rd</sup> floor San Francisco, CA 94108 (415) 297-6521 myonemoto@modus-corp.com</p> <p><i>*Este programa no es patrocinado por la Biblioteca</i></p>	<p>AT&amp;T Mobility ha solicitado la aprobación de zonificación para instalar un sitio de celda en la azotea de 318 Main Street en San Francisco. La modificación propuesta mejorará la red de AT&amp;T Mobility añadiendo más espectro, lo que resulta en la transmisión de datos más rápida y más fiable. Esta actualización mejorará el servicio para los clientes de AT&amp;T Mobility con velocidades de datos significativamente más rápidas, tanto para la carga y descarga.</p> <p>Usted está invitado a asistir a una reunión de la comunidad informativa el Miércoles 30 de Agosto de 2017 a las 6:00 pm en la Biblioteca del Instituto de Mecánica y Sala de Ajedrez, 57 Post Street. Este proyecto será programado para una audiencia pública de la Comisión de Planificación después de la reunión de vecinos. Planos y simulaciones fotográficas estarán disponibles para su revisión en la reunión.</p> <p>Si usted no puede asistir a la reunión y desea solicitar información, por favor póngase en contacto con Michelle Yonemoto al (415) 297 – 6521 o al myonemoto@modus-corp.com.</p> <p>Si usted tiene alguna pregunta sobre el proceso de zonificación, puede comunicarse con, el Departamento de Planificación de San Francisco al (415) 558-6378 o pic@sfgov.org. ***</p> <p><b>NOTA: Si necesita un intérprete esté presente en la reunión, por favor póngase en contacto con nuestra oficina al (415) 297 – 6521 o myonemoto@modus-corp.com antes del 22 de agosto de 2017. Haremos todo lo posible para proporcionar un intérprete.</b></p>
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**社区外展会议上的无线通信设备的建议在你家附近**  
**為了：在 500 英尺 318 Main Street 的鄰居，三藩市 94105**

**会议信息**

日期：星期三，2017 年 8 月 30 日  
时间：下午 6:00  
其中：Mechanics' Institute Library and  
Chess Room 力学学院图书馆和棋牌室  
57 Post Street  
San Francisco, CA. 94104

**申请人**

AT&T Mobility  
C / O Modus Inc.  
240 Stockton 街 3 楼  
旧金山, CA 94108

**AT&T Mobility 的网站信息**

地址：318 Main Street  
旧金山, 加利福尼亚州 94105  
APN：3746/007  
分区：RC-4 -住宅商业, 高密度

**联系方式**

Michelle Yonemoto  
240 Stockton Street, 3<sup>rd</sup> Floor  
San Francisco, CA 94108  
415) 297 - 6521  
myonemoto@modus-corp.com

\*这不是图书馆赞助计划

AT&T Mobility 公司已申请批准的分区上的 318 Main Street 门西大街旧金山天台安装的小区站点。拟议的修改将增强 AT&T Mobility 的网络中添加更多的频谱，从而更快，更可靠的数据流传输。此更新将改善 AT&T Mobility 的客户服务与显著更快的数据传输速率为上传和下载。

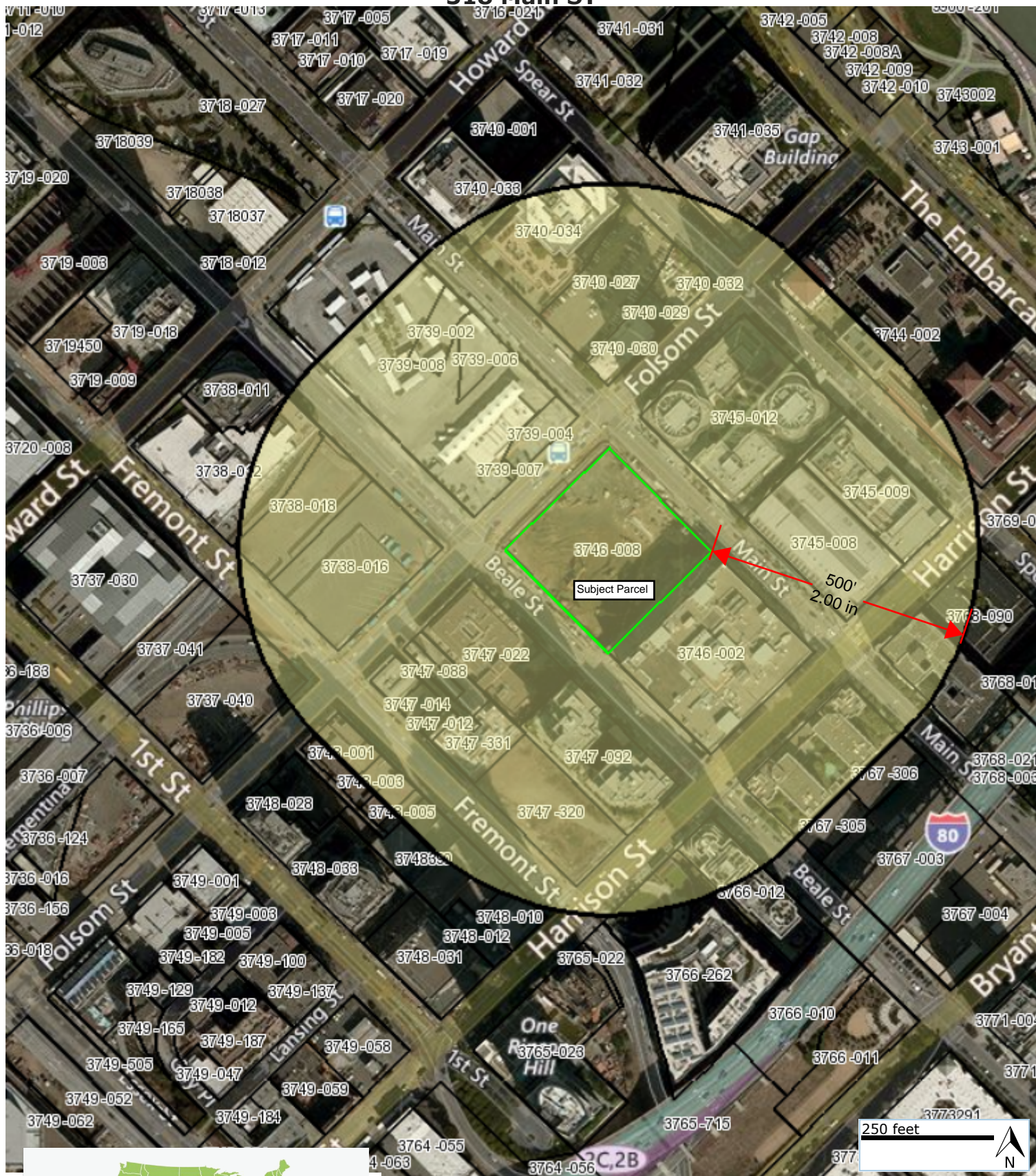
你被邀请参加于 57 Post 街在下午 6:00 一个信息社会会议上周三 08 月 30 日在力学学院图书馆和棋牌室。该项目将被安排在附近会后举行的计划委员会公开听证会。建筑规划和照片模拟将可用于您的评论在会议上。

如果您无法出席会议，并想请求信息，请联系 Michelle Yonemoto (415) 297-6521 或 myonemoto@modus-corp.com。

如果您对规划过程有任何疑问，可以联系旧金山规划部 (415) 558-6378 或 pic@sfgov.org。

注：如果您需要口译员出席了会议，请联系我们的办公室：(415) 297-6521 或不迟 myonemoto@modus-corp.com 比 08 月 22 日，我们将竭尽全力为您提供传译员。

# 500' Radius Map 318 Main ST



Radius Maps   Owner and Occupant Lists   Mailing Services

866.752.6266 toll free  
949.613.8341 fax  
sales@notificationmaps.com

Mailing Address Only:  
668 N Coast Hwy #401  
Laguna Beach, CA 92651

[www.notificationmaps.com](http://www.notificationmaps.com)

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**Community Outreach Meeting Summary**

**318 Main Street (AT&T CCL04727)**

**August 30, 2017**

**6 pm**

**Mechanic' Institute Library and Chess Room Board Meeting Room**

Present at the meeting:

Representing AT&T Mobility:

Michelle Yonemoto, Land Use Planner, Modus, Inc

Meeting attendees:

0 neighborhood residents

A notice for the community meeting was sent out to residents within a 500 foot radius of the cell site on August 1<sup>st</sup>, 2017, 4 weeks prior to the meeting. There were two inquiries regarding the project before the community meeting. The two inquiries were from two women, one name June Liu lives at 318 Main Street and had questions in regards to why we chose her building. The other resident called me on 8/4/17, but did not leave a name, and I explained to her why we were installing a new facility at 318 Main Street. She stated that she does not want a cell site at this location.

The community meeting was held on Wednesday, August 30<sup>th</sup> at 6:00PM. No neighborhood residents attended the community meeting.

Meeting adjourned at 7pm.







COMMUNITY OUTREACH MEETING AFFIDAVIT

I, Michelle Yonemoto, do hereby declare as follows:

1. I have conducted community outreach meeting for the proposed new wireless telecommunications facility at 318 Main Street.
2. The meeting was conducted at the ADA compliant Mechanics' Institute Library and Chess Room Board Meeting Room located on the 4<sup>th</sup> floor of 57 Post Street., San Francisco, CA 94104 on August 30th, from 6:00 pm to 7:00 pm.
3. I have included the mailing list, meeting notice, and sign-in sheet.

Executed September 1st in San Francisco, CA.

  
Signature

Michelle Yonemoto  
Name

Authorized Agent of AT&T Mobility

Modus Inc. Land Use Planner  
Title

# **EXHIBIT E**

# Block Book Map

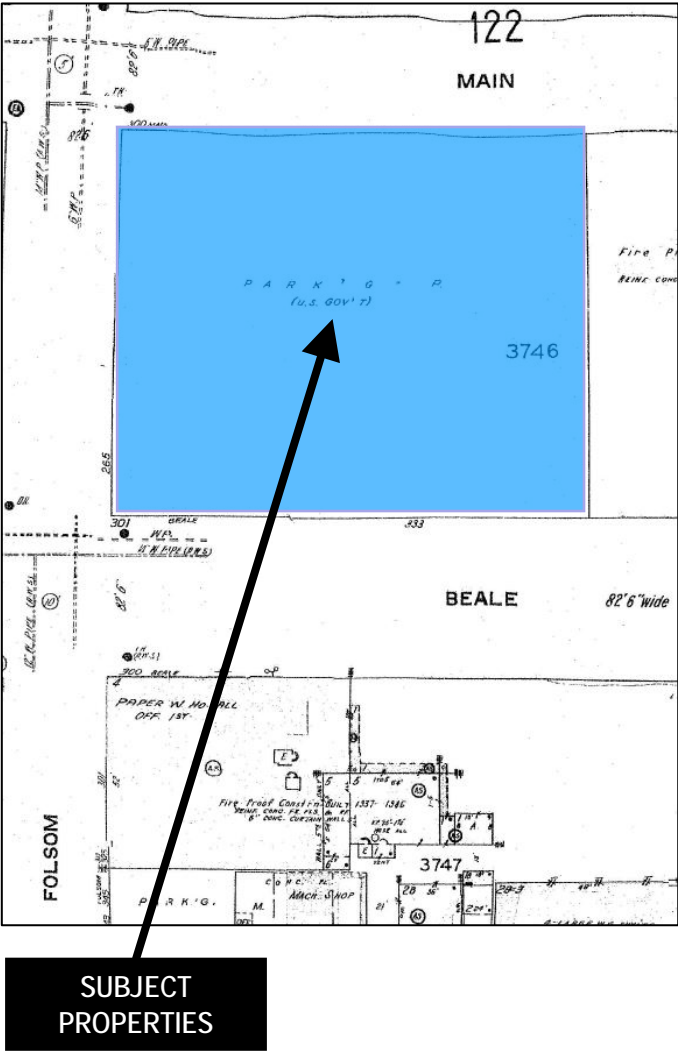


**SUBJECT PROPERTIES**



**Case Number 2018-002007CUA**  
AT&T Mobility  
Macro WTS Facility  
318 Main Street

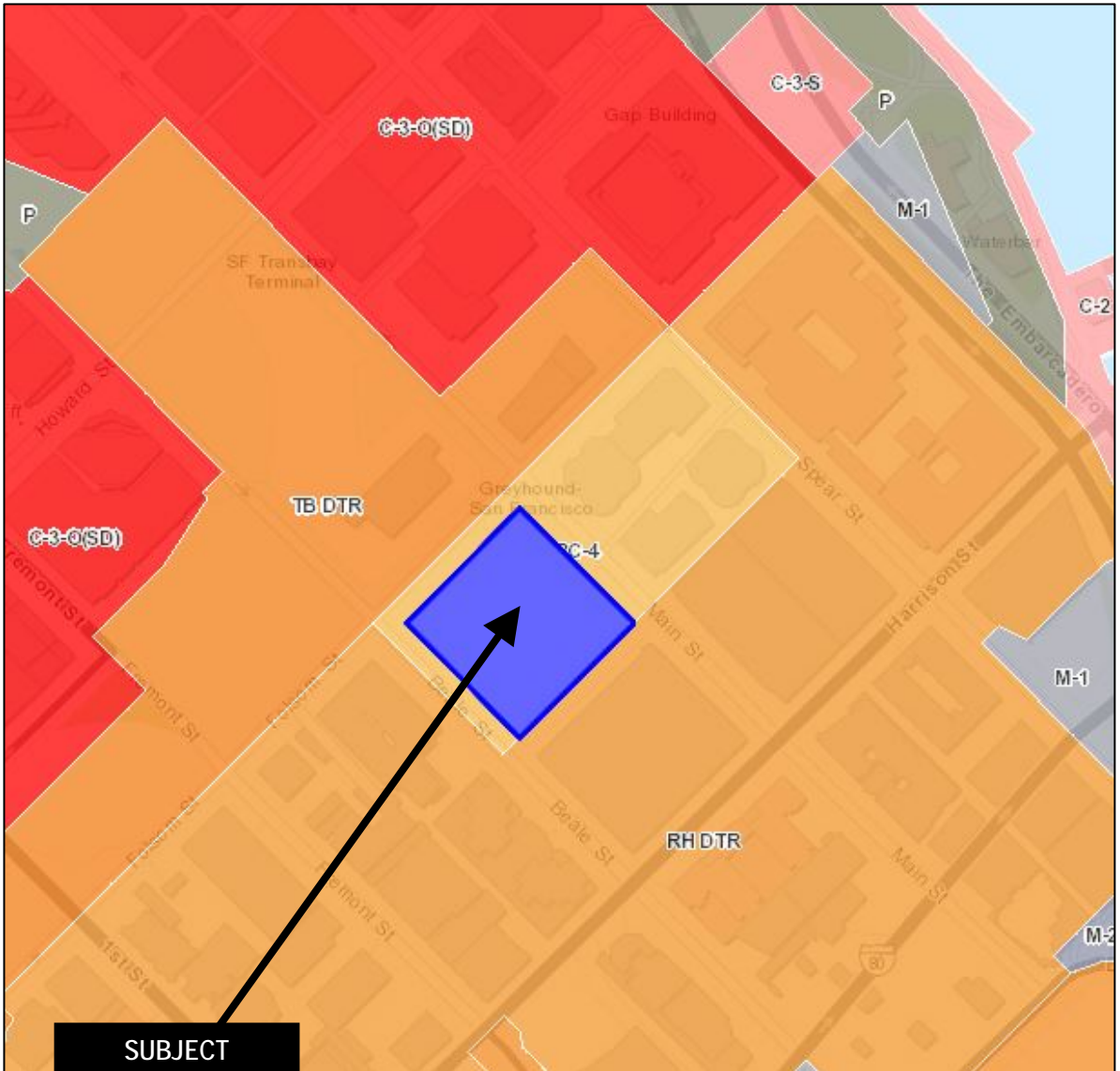
# Sanborn Map\*



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



# Zoning Map

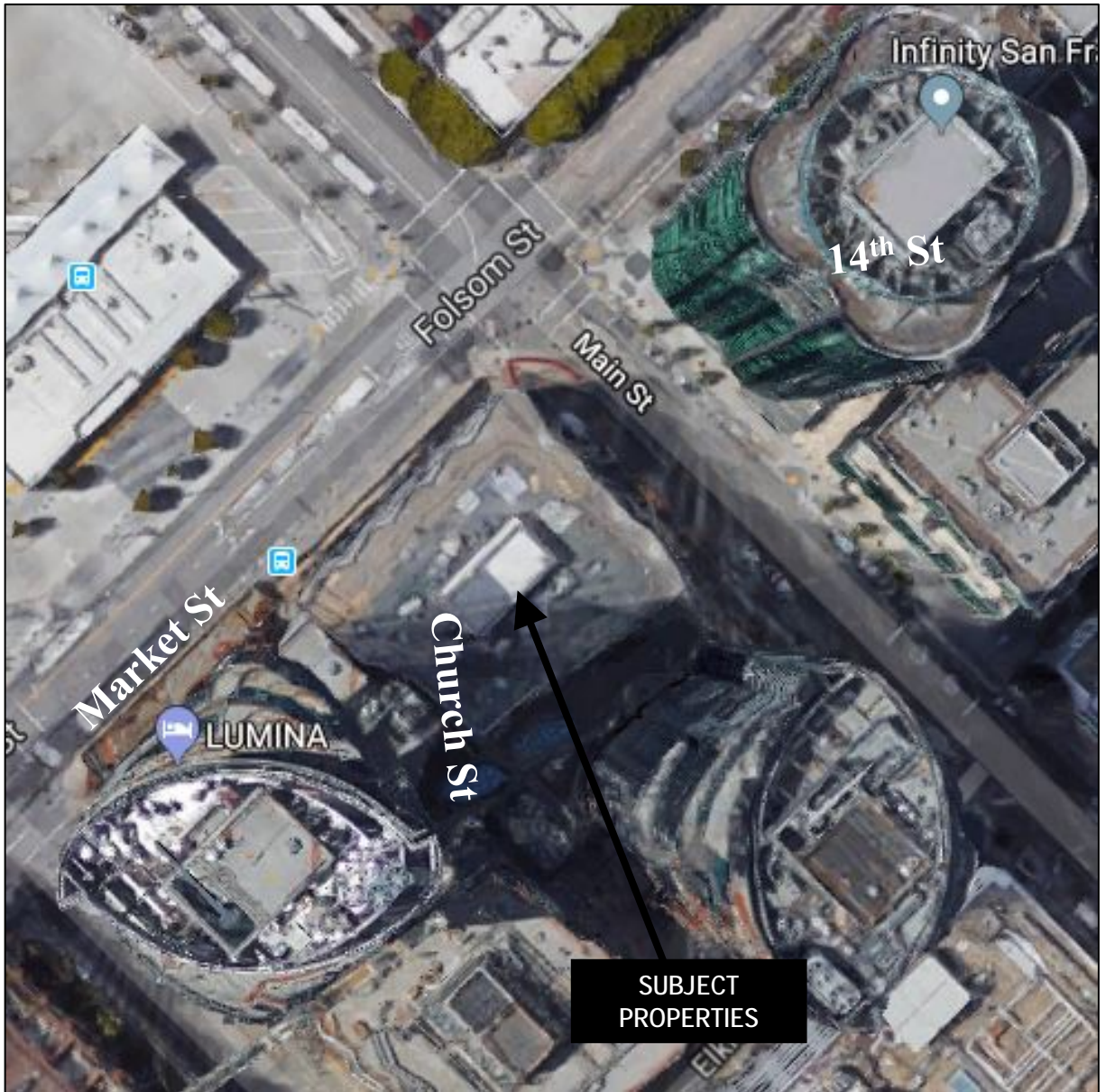


**SUBJECT PROPERTIES**



**Case Number 2018-002007CUA**  
AT&T Mobility  
Macro WTS Facility  
318 Main Street

# Aerial Photo

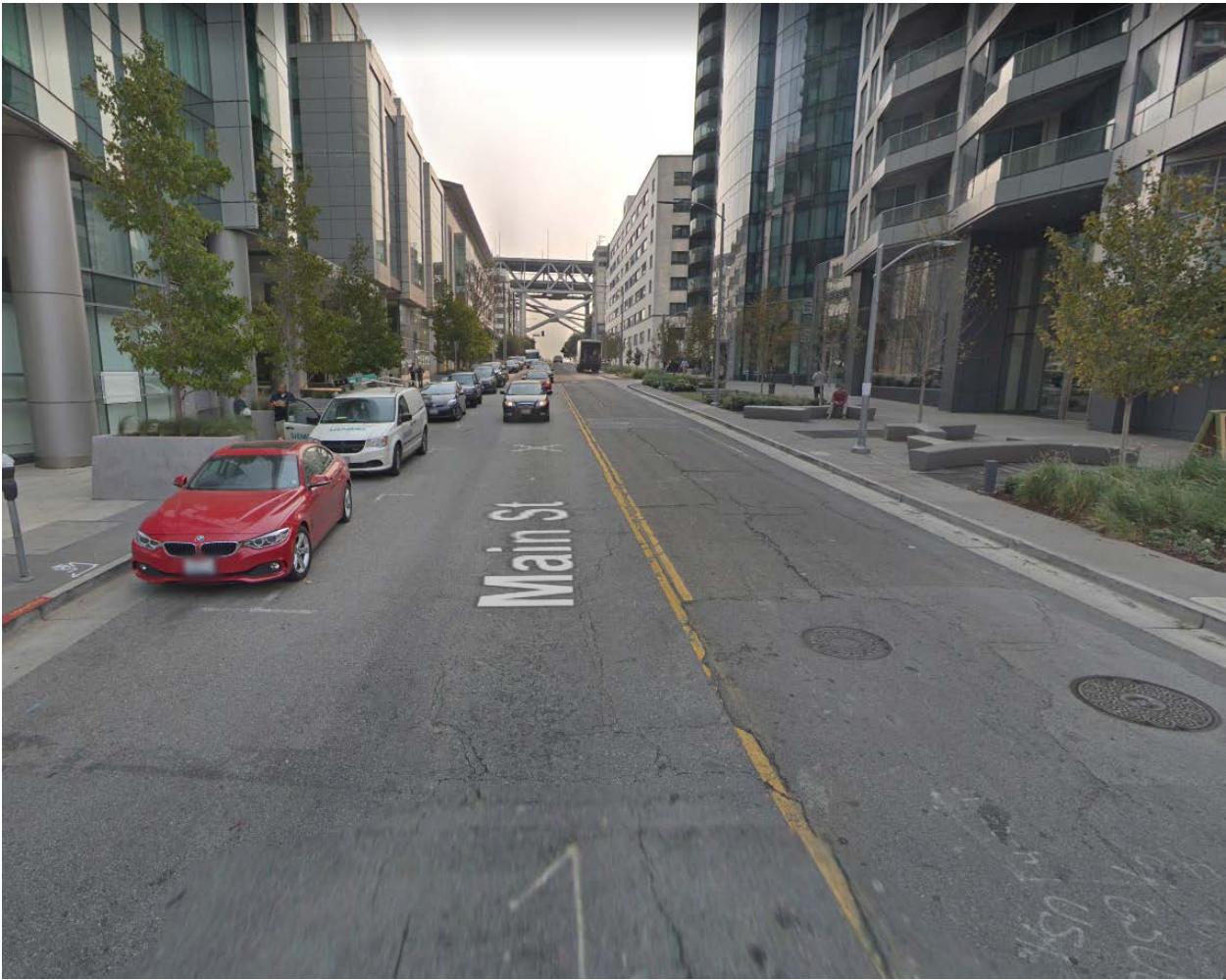


SUBJECT  
PROPERTIES

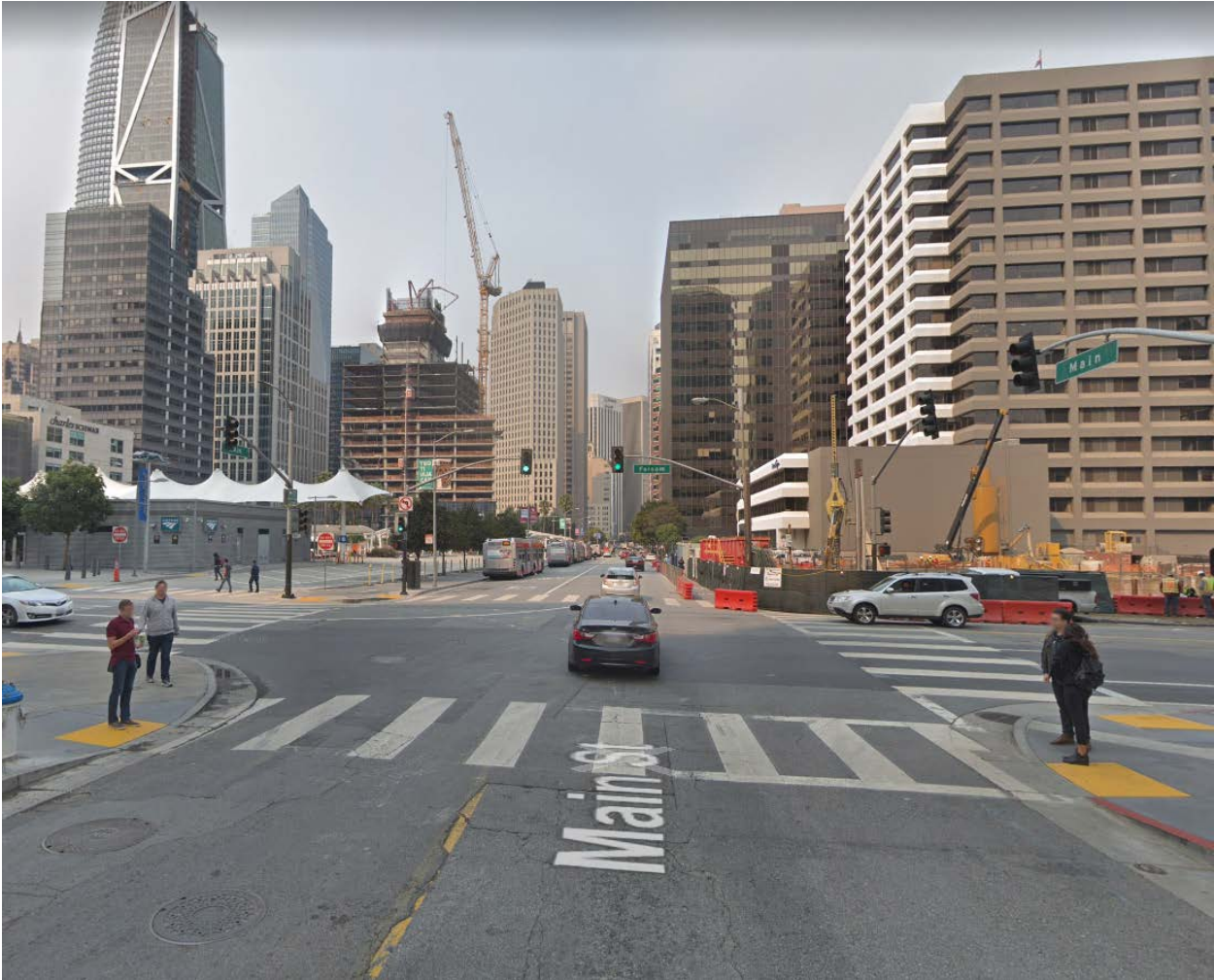


Case Number 2018-002007CUA  
AT&T Mobility  
Macro WTS Facility  
318 Main Street

Building to the right of this photo, looking South:



Building to the left of this photo, looking North:

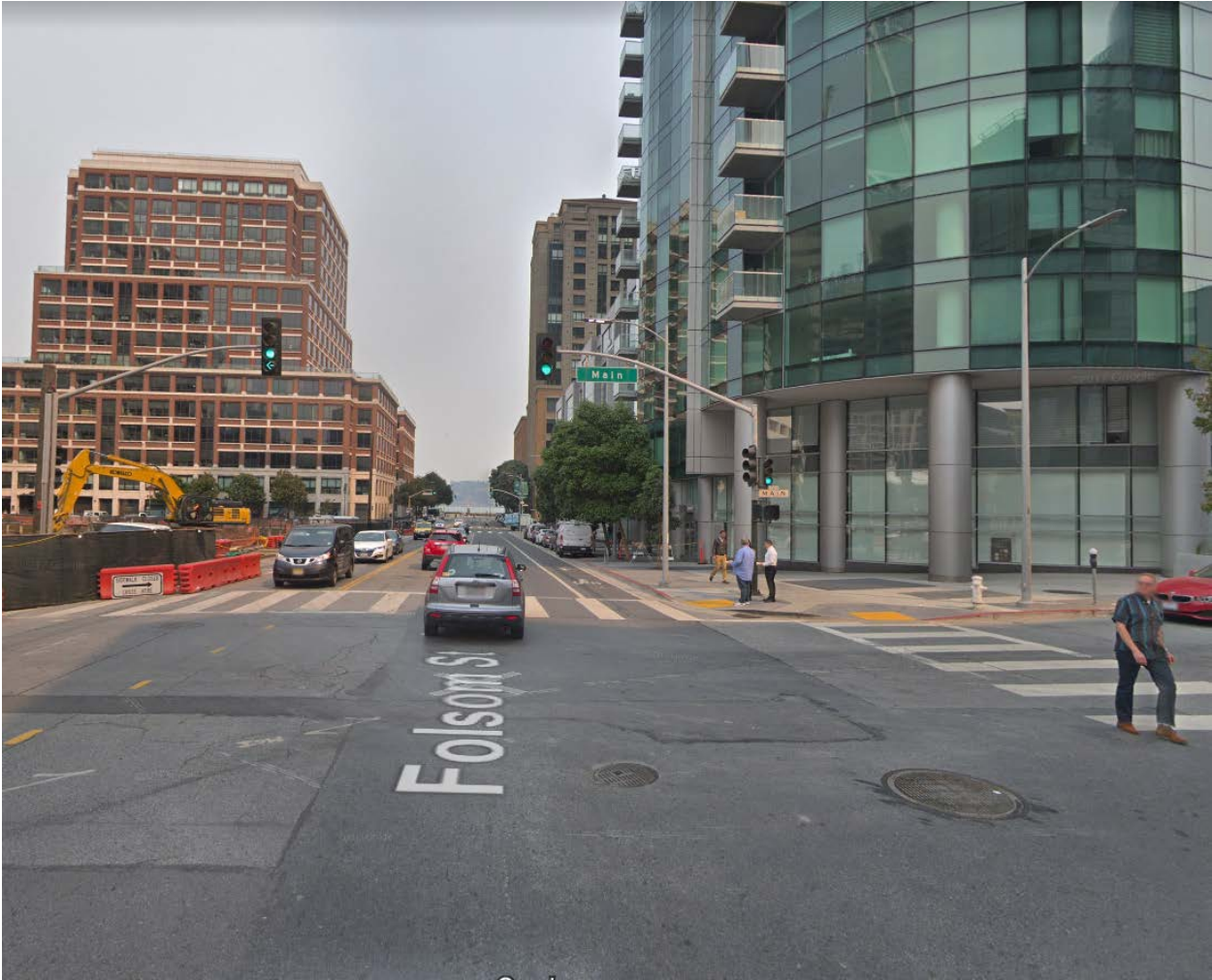




Building to the left, looking West:



Building to the right, looking East:



Example Finishes, Final Finishes to be Made On-Sit

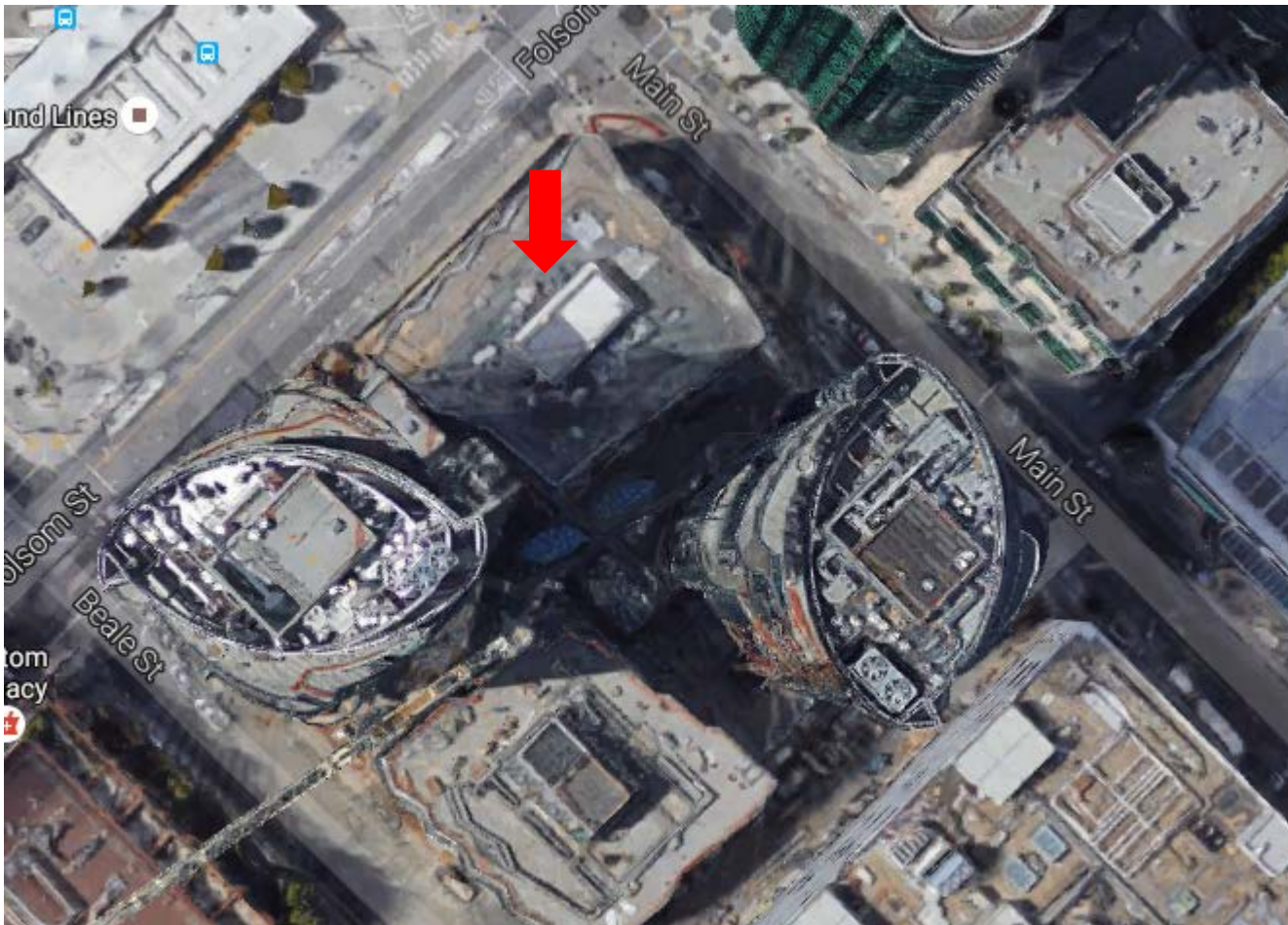
Close up of Rooftop Penthouse



Close up of Penthouse wall



Aerial View of Location



**View of Site from Main Street facing Southeast**



**View of Building from Spear Street facing Southwest**



View of Building from Beale Facing East



# **EXHIBIT F**

**AT&T Mobility • Base Station No. CCL04727  
318 Main Street • San Francisco, California**

**Statement of Hammett & Edison, Inc., Consulting Engineers**

The firm of Hammett & Edison, Inc., Consulting Engineers, has been retained on behalf of AT&T Mobility, a personal wireless telecommunications carrier, to evaluate proposed modifications to its existing base station (Site No. CCL04727) located at 318 Main Street in San Francisco, California, for compliance with appropriate guidelines limiting human exposure to radio frequency (“RF”) electromagnetic fields.

**Background**

The San Francisco Department of Public Health has adopted an 11-point checklist for determining compliance of proposed WTS facilities or proposed modifications to such facilities with prevailing safety standards. The acceptable limits set by the FCC for exposures of unlimited duration are:

Wireless Service	Frequency Band	Occupational Limit	Public Limit
Microwave (Point-to-Point)	5–80 GHz	5.00 mW/cm <sup>2</sup>	1.00 mW/cm <sup>2</sup>
WiFi (and unlicensed uses)	2–6	5.00	1.00
BRS (Broadband Radio)	2,600 MHz	5.00	1.00
WCS (Wireless Communication)	2,300	5.00	1.00
AWS (Advanced Wireless)	2,100	5.00	1.00
PCS (Personal Communication)	1,950	5.00	1.00
Cellular	870	2.90	0.58
SMR (Specialized Mobile Radio)	855	2.85	0.57
700 MHz	700	2.40	0.48
[most restrictive frequency range]	30–300	1.00	0.20

**Checklist**

Reference has been made to information provided by AT&T, including zoning drawings by Borges Architectural Group, dated July 3, 2017. It should be noted that the calculation results in this Statement include several “worst-case” assumptions and therefore are expected to overstate actual power density levels from the proposed operations.

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

AT&T had installed six CCI directional panel antennas – three Model HPA-33R-BUU-H4 and three Model BSA-M65R-BUU-H4 – in two groups of three on the northeast and northwest sides of the mechanical equipment penthouse above the roof of the eight-story residential building located at 318 Main Street in San Francisco. There are reported no other wireless base stations installed at the site.

**AT&T Mobility • Base Station No. CCL04727  
318 Main Street • San Francisco, California**

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

There have been observed small WTS facilities on light poles at the south and north corners of the intersection between Main and Folsom Streets.

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

AT&T proposes to install three additional antennas and to re-orient the existing 315°T antennas toward 300°T. This is consistent with the scope of work described in the drawings for transmitting elements.

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

AT&T proposes to add three CCI Model HPA-33R-BUU-H4 directional panel antennas as a new, third group, mounted at the south corner of the mechanical equipment penthouse. The nine antennas would employ up to 15° downtilt, would be mounted at an effective height of about 97 feet above ground, 9 feet above the roof, and would be oriented in groups of three toward 45°T (Model HPA), 180°T (Model HPA), and 300°T (Model BSA).

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

The maximum existing RF level for a person on the roof near the antennas was measured\* to be 57% of the applicable public exposure limit. The maximum existing RF level for a person at ground near the site was measured† to be 0.0012 mW/cm<sup>2</sup>, which is 0.60% of the most restrictive public limit.

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

The maximum effective radiated power proposed by AT&T in any direction would be 20,770 watts, representing simultaneous operation at 4,540 watts for WCS, 6,060 watts for AWS, 5,560 watts for PCS, 1,970 watts for cellular, and 2,640 watts for 700 MHz service.

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

The maximum calculated level at any nearby building is 70% of the public exposure limit; this occurs at the building located to the south, about 65 feet away.

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\* March 21, 2017, using calibrated Narda Type NBM-520 Broadband Field Meter with Type EA-5091 Isotropic Broadband Electric Field Probe (Serial No. 01035).

† March 21, 2017, using calibrated Narda Type NBM-520 Broadband Field Meter with Type EF-0391 Isotropic Broadband Electric Field Probe (Serial No. D-0454).



**AT&T Mobility • Base Station No. CCL04727  
318 Main Street • San Francisco, California**

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 0.037 mW/cm<sup>2</sup>, which is 4.0% of the applicable public exposure limit. Cumulative RF levels at ground level near the site are therefore estimated to be less than 5% of 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 40 feet out from the antenna faces, respectively, and to much lesser distances above, below, and to the sides; this does not reach any publicly accessible areas.

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

Due to their mounting location, requiring passage through a locked door to reach the roof, the antennas would not be accessible to the general public, and so no mitigation measures are necessary to comply with the FCC public exposure guidelines. To prevent occupational exposures in excess of the FCC guidelines, it is recommended that authorized personnel with access to the roof be notified of the extent of areas in which exposure levels are calculated to exceed the applicable public limit; a descriptive diagram, such as that shown in Figure 1, should be posted on the inside of the roof access door, along with explanatory signs,<sup>‡</sup> and boundary markings placed as shown. It is recommended that appropriate RF safety training, to include review of personal monitor use and lockout/tag out procedures, be provided to all authorized personnel, including employees and contractors of AT&T and of the property owner. No access within the identified areas, such as might occur during certain maintenance activities on the roof, should be allowed while the pertinent antennas are in operation, unless other measures can be demonstrated to ensure that occupational protection requirements are met.

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.

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<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.

**AT&T Mobility • Base Station No. CCL04727  
318 Main Street • San Francisco, California**

**Conclusion**

Based on the information and analysis above, it is the undersigned's professional opinion that operation of the base station proposed by AT&T Mobility at 318 Main Street in San Francisco, California, will comply with the prevailing standards for limiting public exposure to radio frequency energy and, therefore, will not for this reason cause a significant impact on the environment. The highest calculated level in publicly accessible areas is much less than the prevailing standards allow for exposures of unlimited duration. This finding is consistent with measurements of actual exposure conditions taken at other operating base stations. Training authorized personnel, marking area boundaries, and posting explanatory signs are recommended to establish compliance with occupational exposure limits.



*William F. Hammett*

William F. Hammett, P.E.

707/996-5200

August 18, 2017

**AT&T Mobility • Base Station No. CCL04727  
318 Main Street • San Francisco, California**

**Calculated RF Exposure Levels on Roof**

**Recommended Mitigation Measures**

- Mark roof area boundaries as shown (roof access door locked)
- Post explanatory signs
- Provide training



Notes: See text.

Base drawing from Borges Architectural Group, dated July 3, 2017.

Calculations performed according to OET Bulletin 65, August 1997.

<b>Legend:</b>	Less Than Public	Exceeds Public	Exceeds Occupational	Exceeds 10x Occupational
Color	blank			
Sign type	<b>I</b> - Green INFORMATION	<b>B</b> - Blue NOTICE	<b>Y</b> - Yellow CAUTION	<b>O</b> - Orange WARNING
Barricades shown as green lines				



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

# **EXHIBIT G**



Review of Cellular Antenna Site Proposals

**Project Sponsor :** AT&T Wireless **Planner:** Elizabeth Watty

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

**Project Address/Location:** 318 Main St

**Site ID:** 2451 **SiteNo.:** CCU6470 **Report Dated:** 8/18/2017

The following information is required to be provided before approval of this project can be made. These information requirements are established in the San Francisco Planning Department Wireless Telecommunications Services Facility Siting Guidelines dated August 1996.

In order to facilitate quicker approval of this project, it is recommended that the project sponsor review this document before submitting the proposal to ensure that all requirements are included.

- 1. The location, identity and total number of all operational radiating antennas installed at this site was provided. (WTS-FSG, Section 10.4.1, Section 11, 2b)  
Number of Existing Antennas: 6
  
- 2. A list of all radiating antennas located within 100 feet of the site which could contribute to the cumulative radio frequency energy at this location was provided. (WTS-FSG, Section 10.5.2)  
 Yes       No
  
- 3. A narrative description of the proposed work for this project was provided. The description should be consistent with scope of work for the final installation drawings. (WTS-FSG, Section 10)  
 Yes       No
  
- 4. An inventory of the make and model of antennas or transmitting equipment being installed or removed was provided. The antenna inventory included the proposed installation height above the nearest walking/working surface, the height above ground level and the orientations of the antennas. (WTS-FSG, Section 10.5.2)  
 Yes       No
  
- 5. A description of the existing radio frequency energy environment at the nearest walking/working surface to the antennas and at ground level was provided. A description of any assumptions made when doing the calculations was also provided. (WTS-FSG, Section 10.4.1a, Section 10.4.1c, Section 10.5)  
 Yes       No
  
- 6. The maximum effective radiated power per sector for the proposed installation was provided along with the frequency bands used by the antennas. (WTS-FSG, Section 10.1.2, Section 10.5.1)  
Maximum Effective Radiated Power: 20770 Watts
  
- 7. Based on the antenna orientation, the maximum cumulative predicted radio frequency energy level for any nearby publicly accessible building or area was provided. (WTS-FSG, Section 10.4, Section 10.5.1)  
Maximum percent of applicable FCC public standard at the nearest building or structure: 70 %  
Distance to this nearby building or structure: 65 feet
  
- 8. The estimated maximum cumulative radio frequency fields for the proposed site at ground level. (WTS-FSG, Section 10.5)  
Maximum RF Exposure: 0.037 mW/cm<sup>2</sup>      Maximum RF Exposure Percent: 4 %

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

- Public Exclusion Area
- Occupational Exclusion Area

Public Exclusion In Feet: 90  
Occupational Exclusion In Feet: 40

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

- Yes
- No

X 11. Statement regarding the engineer who produced the report and their qualifications was provided. The engineer is licensed in the State of California. (WTS-FSG, Section 11,8)

- Yes
- No

X **Approved.** Based on the information provided the following staff believes that the project proposal will comply with the current Federal Communication Commission safety standards for radiofrequency radiation exposure. FCC standard CFR47 1.1310 **Approval of the subsequent Project Implementation Report is based on project sponsor completing recommendations by project consultant and DPH.**

**Comments:**

There are 6 antennas existing operated by AT&T Wireless installed on the roof top of the building at 318 Main St. Existing RF levels at ground level were around 1% of the FCC public exposure limit. No other antennas were observed within 100 feet of this site. AT&T Wireless proposes to install 3 new antennas. The antennas are mounted at a height of 97 feet above the ground and 9 feet above the roof. The estimated ambient RF field from the proposed AT&T Wireless transmitters at ground level is calculated to be 0.037 mW/sq cm., which is 4 % of the FCC public exposure limit. The three dimensional perimeter of RF levels equal to the public exposure limit extends 90 feet and does not reach any publicly accessible areas. Warning signs must be posted at the antennas and roof access points in English, Spanish and Chinese. Workers should not have access to within 40 feet of the front of the antennas while they are in operation. Due to the mounting location and a locked door, the antennas are not accessible by unauthorized persons.

     **Not Approved**, additional information required.

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

     1 Hours spent reviewing

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

Dated:     4/9/2018    

Signed:     

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

# **EXHIBIT H**

# CCL04727 Zoning Propagation Maps

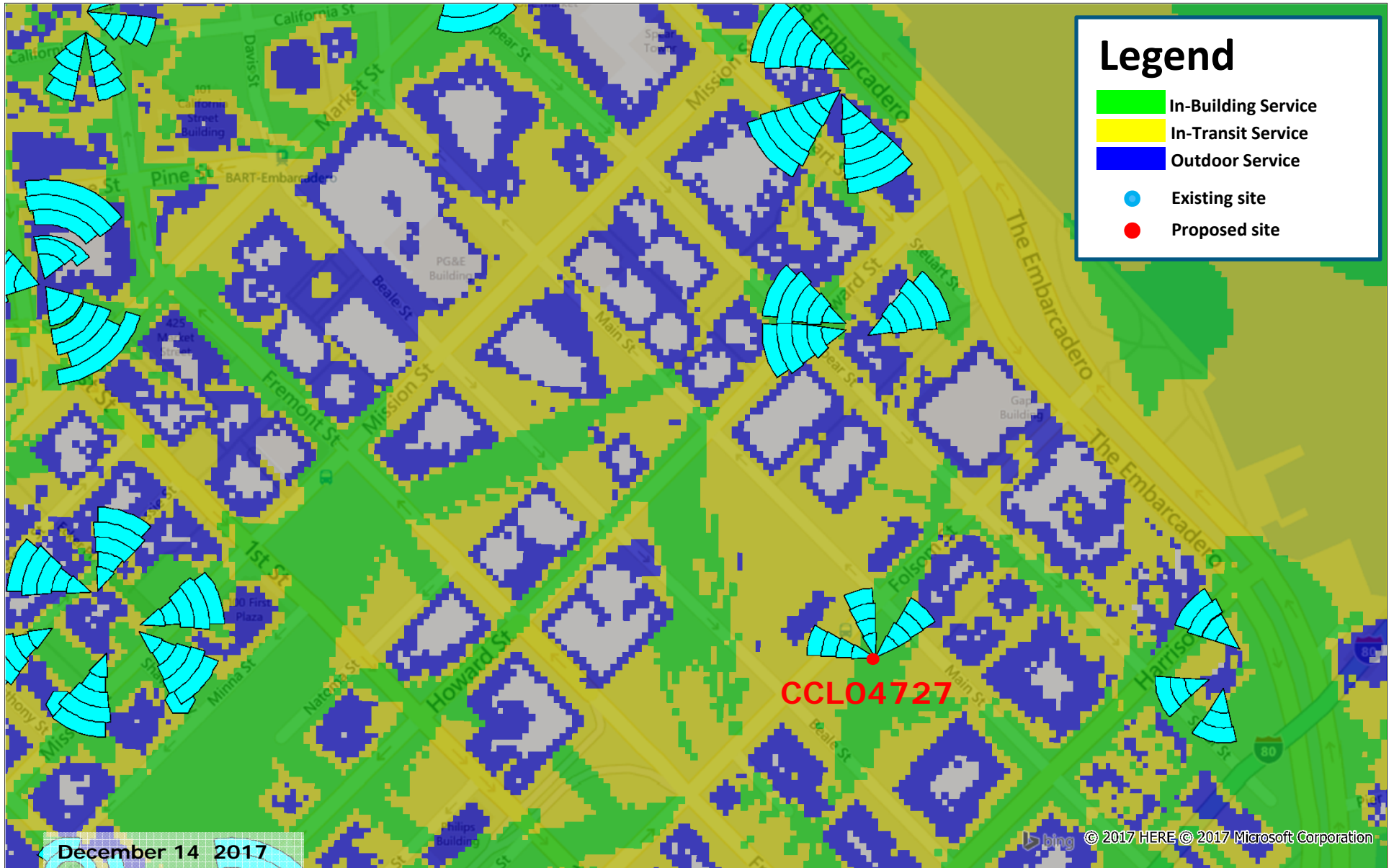
December 14, 2017



# Existing LTE 1900 Coverage with the Temp Site



# LTE 1900 Coverage without the Temp Site



# LTE 1900 Coverage with the Permanent Site



# **EXHIBIT I**



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

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

**BY E-MAIL SZACA@MODUS-CORP.COM**

January 8, 2018

Ms. Susan Zaca  
 Modus Inc.  
 240 Stockton Street, 3rd Floor  
 San Francisco, CA 94108

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

DANE E. ERICKSEN, P.E.  
 CONSULTANT

Dear Susan:

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 proposed modifications to its base station located at 318 Main Street (Site No. CCL04727). This is to fulfill the submittal requirements for Planning Department review.

**Executive Summary**

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

AT&T had installed six CCI directional panel antennas – three Model HPA-33R-BUU-H4 and three Model BSA-M65R-BUU-H4 – in two groups of three on the northeast and northwest sides of the mechanical equipment penthouse above the roof of the eight-story residential building located at 318 Main Street in San Francisco. AT&T proposes to add three CCI Model HPA-33R-BUU-H4 directional panel antennas as a new, third group, mounted at the south corner of the mechanical equipment penthouse. The nine antennas would employ up to 15° downtilt, would be mounted at an effective height of about 97 feet above ground, 9 feet above the roof, and would be oriented in groups of three toward 45°T (Model HPA), 180°T (Model HPA), and 300°T (Model BSA). The maximum effective radiated power proposed by AT&T in any direction would be 20,770 watts, representing simultaneous operation at 4,540 watts for WCS, 6,060 watts for AWS, 5,560 watts for PCS, 1,970 watts for cellular, and 2,640 watts for 700 MHz service.

AT&T provided for review two coverage maps, attached for reference. The maps show AT&T's LTE 4G 1900 MHz coverage in the area before and after the proposed modifications. Both the before and after maps show three levels of coverage, which AT&T colors and defines as follows:

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

Ms. Susan Zaca, page 2  
January 8, 2018

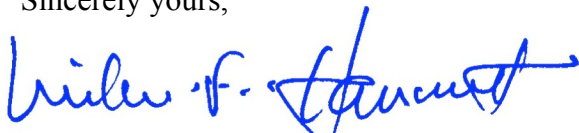
We undertook a two-step process in our review. As a first step, we obtained information from AT&T on the software and the service thresholds that were used to generate its coverage maps. This carrier uses commercially available software to produce the maps. The service thresholds that AT&T uses are in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

As a second step, we conducted our own drive test, using an Ascom TEMS Pocket network diagnostic tool with built-in GPS, to measure the actual AT&T LTE 1900 MHz signal strength in the vicinity of the proposed site. Our fieldwork was conducted on December 27, 2017, between 12:40 PM and 1:40 PM, along a measurement route selected to cover all the streets within the map area that AT&T had indicated would receive improved service.

Based on the measurement data, we agree with the coverage shown in the AT&T LTE 4G 1900 MHz coverage map. The map submitted to show the coverage after the proposed modifications was reportedly prepared on the same basis as the map of the existing conditions and so is expected to accurately illustrate that coverage.

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

Sincerely yours,



William F. Hammett, P.E.

lh

Enclosures

## **EXHIBIT J**



Proposed New Permanent AT&T Wireless Telecommunications Facility  
at 318 Main, San Francisco, CA 94105

## Alternatives Analysis Report

### Service Area Description

AT&T Mobility identified a significant gap in its service coverage in the City of San Francisco. Previously, AT&T Mobility had a permanent sites at 160 Folsom Street, which has now been demolished. Last year, The City of San Francisco approved a temporary facility on the rooftop of 318 Main Street (TUP 2016-014917 PRL, Building Permit #201611173052). The temporary approval is set to expire on 12/29/17. Showing good faith, AT&T Mobility is applying for a Conditional Use Permit to establish a permanent facility at 318 Main Street to replace the old permanent site and existing temporary site in this area.

To compensate for the coverage and capacity loss that is to take place, AT&T is proposing this permanent wireless facility to take the place of the temporary wireless facility.

AT&T Radio Frequency (RF) engineers outlined a search ring area to locate a wireless antenna facility to meet surrounding gap coverage objectives. The facility is necessary to benefit the public with crucial improved communications in the gap area, including the new residential developments, and the temporary Transbay terminal.

### Necessity of Proposed Site

The proposed location is a necessary component of AT&T Mobility's wireless network. The purpose of this facility is to fill in the capacity gap within this area once the existing temporary facility is removed.

### Search Ring: CCL04727 "Podium Building A at 318 Main - Perm" – Description of Service Area

The search ring delineates the location of the existing cell site as well as the geographic boundary of the significant gap. The gap area identified by an AT&T Radio Frequency Engineer is approximately 0.01 square miles, with the proposed facility search ring centered on the corner of Main Street and Folsom Street.

The primary stated intent for this ring: **To maintain coverage along Main Street and Folsom Street, at the residential and commercial building to the east, south, and west, and to improve coverage at the temporary Transbay Terminal to the southwest.**

Figure 1. Search Ring map issued by AT&T RF. The map in its entirety represents the coverage gap area where RF may consider a site. The orange circle represent preferred areas AT&T RF requested to place the antennas. The minimum requested RAD center of antennas is 40 feet to achieve coverage.



# Search Ring Centerline: 40-60 feet\*



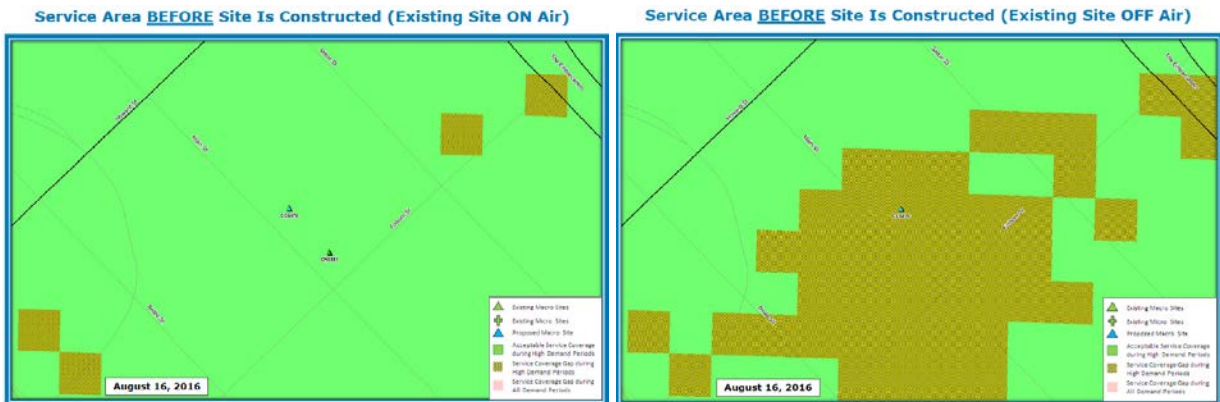
\*Antenna Centerline may and can be outside of this height range due to terrain and LOS to objectives

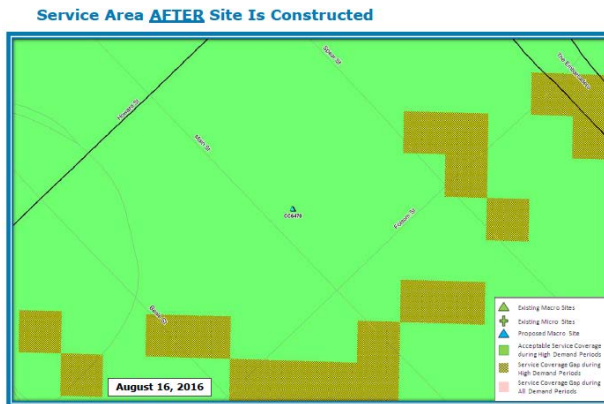
2 © 2013 AT&T Intellectual Property. All rights reserved. AT&T and the AT&T logo are trademarks of AT&T Intellectual Property. 

## Potential Site Consolidation Opportunities

No consolidation opportunities exist at this time that would be made possible due to the limited amount of viable candidates. Location area, and coverage objective. AT&T's existing temporary facility is located here, but there are no other carriers co-located at this facility at this time.

## Before and After Coverage – UMTS/LTE





### **Significant Gap**

The definition of a significant gap may vary among other service providers but generally delineates a geographic area in which antenna signal is below user expectations. Whether a device may be phone, tablet, laptop, or computer, the user may experience weak reception, inability to make calls and slow or intermittent data.

The gap can be measured by either the service levels in the area, or by the number of users (capacity) needing to access service. AT&T RF engineers calculate signal strengths and capacity based on nearby AT&T wireless sites. RF issued the attached propagation maps for the jurisdiction, which detail the coverage objectives and nearby cell sites. Propagation means how well signal travels through the environment to reach end users. Topography and existing buildings further delineate service in a particular area.

AT&T categorizes service levels in the following manner:

- Green indicates acceptable service coverage during high demand periods
- Hashed yellow indicates service coverage gap during high demand periods
- Pink indicates service coverage gap during all demand periods.

The provided coverage maps show how the area is affected before the existing antennas are removed, after the existing site is decommissioned and before the proposed site is constructed, and after the new proposed site is operational. This proposed facility's purpose is to minimize the loss of capacity coverage in the area. If the existing temporary site is decommissioned, we will lose capacity coverage in the area. This proposed facility will minimize the loss of coverage during high demand periods to the residents, businesses, and service the large amount of vehicular and pedestrian traffic around the area.

### **Least Intrusive Means - Design**

AT&T proposes a new rooftop mounted design as the least intrusive means to relocate antennas in this area. We will be reusing the two existing sectors from the temporary facility design, and conceal these two sectors with the same existing FRP screening currently on the roof of the building. All cabling, antennas, and RRHs are concealed behind the existing FRP screen walls and cannot be seen from the public right of way. The new sector on the south corner of the penthouse will use the same type of screening to match the building penthouse wall, and will not be seen from ground level.

This type of concealment will ensure there are no adverse visual impacts and that sight lines from nearby residential properties are protected. In addition the lease area and equipment will be within the existing building, and routed internally.

### Search Ring Exhaustion

AT&T Mobility seeks to fill a significant gap using the least intrusive means. The identification of a proper antenna site to meet a significant gap in service coverage is balanced among a set of factors:

- Topography & nearby structures
- Zoning ordinance
- Available utilities to service site
- General access
- Space for equipment shelter
- Wireless build/design feasibility
- Approval of RF engineer
- Willingness & response time of underlying property owner or lease holder
- Early agreement on contractual conditions

Wireless communication is line-of-sight technology that requires antennas to be in relatively close proximity to the wireless handsets to be served. All factors are weighed between the service carrier, property owner, and jurisdiction.

### **San Francisco Office of Community Investment and Infrastructure Success Agency to the San Francisco Redevelopment Agency base their wireless regulations off the City of San Francisco's Wireless Ordinance**

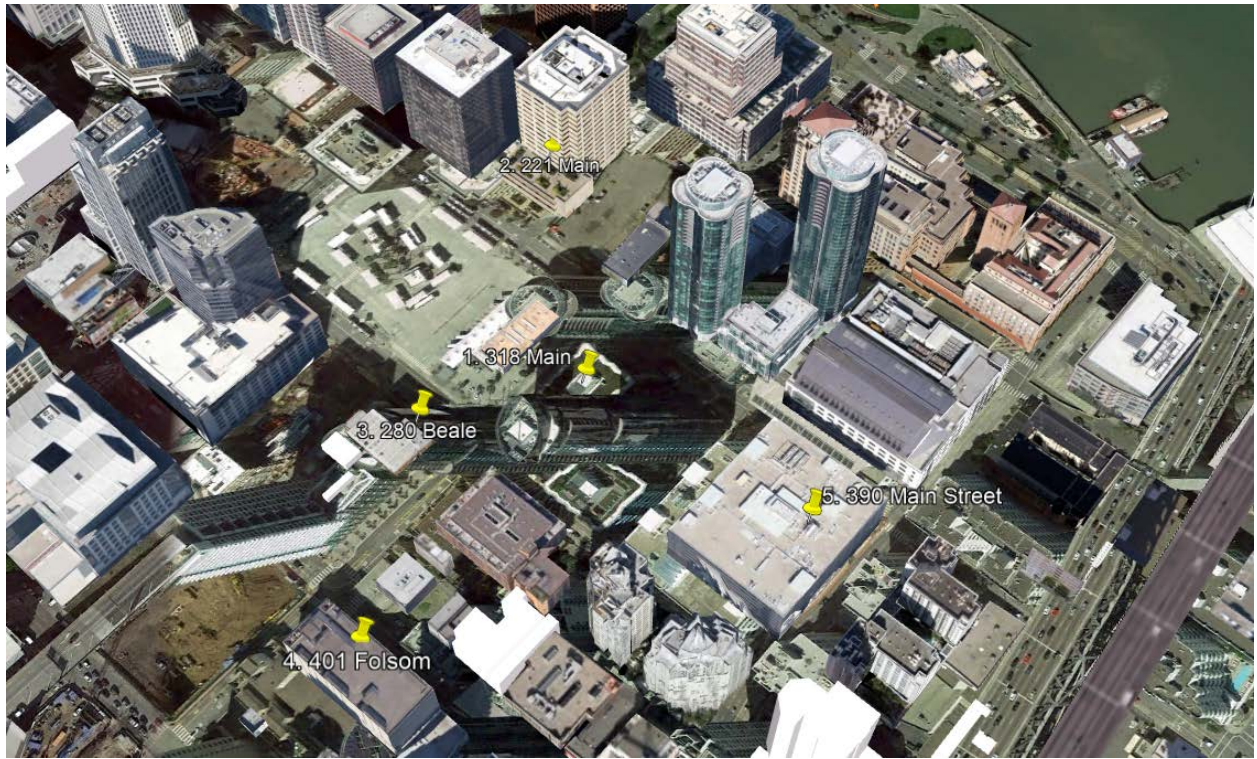
The City of San Francisco has a wireless telecommunications ordinance typical of many Bay Area cities, which purpose is to regulate siting, designing and permitting of facilities. The overall intention of the ordinance is to minimize adverse visual impacts to the community.

Key points in the ordinance for this search ring include:

- A site must be designed to achieve three overall goals: economic vitality, social equity, environmental quality.
- Improvement of neighborhood environment to increase personal safety, comfort, pride, and opportunity.
- Manage economic growth to ensure enhancement of the total living and working environment
- Shall be designed within the existing scale and features of the surrounding area
- Materials, textures, and colors to be visually compatible with nearby predominant materials of nearby structures
- Shall meet FCC health and safety regulations
- Shall design a site to minimize visual obstructions.



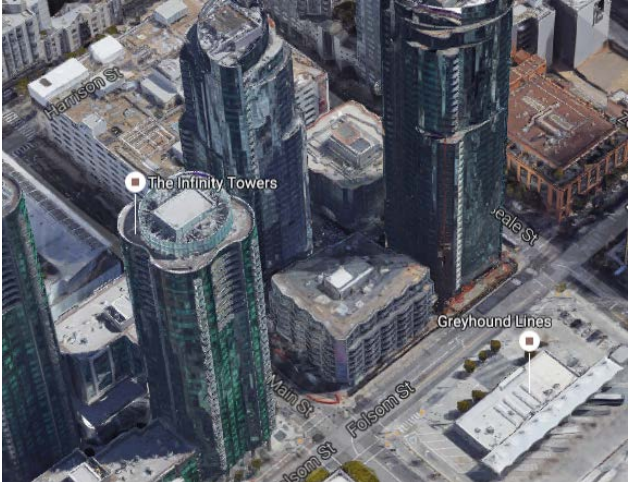
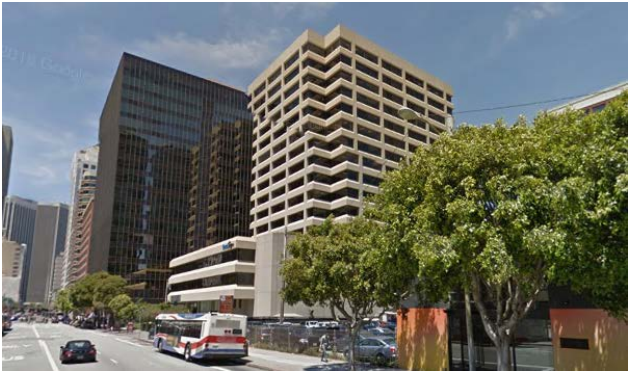
### Alternative Site Analysis

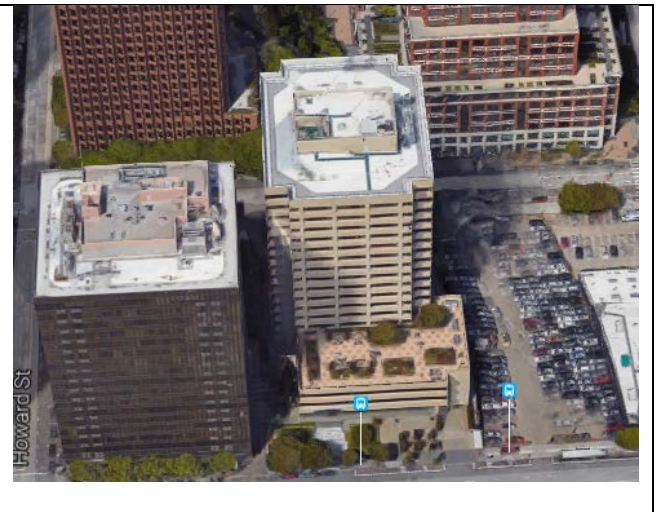
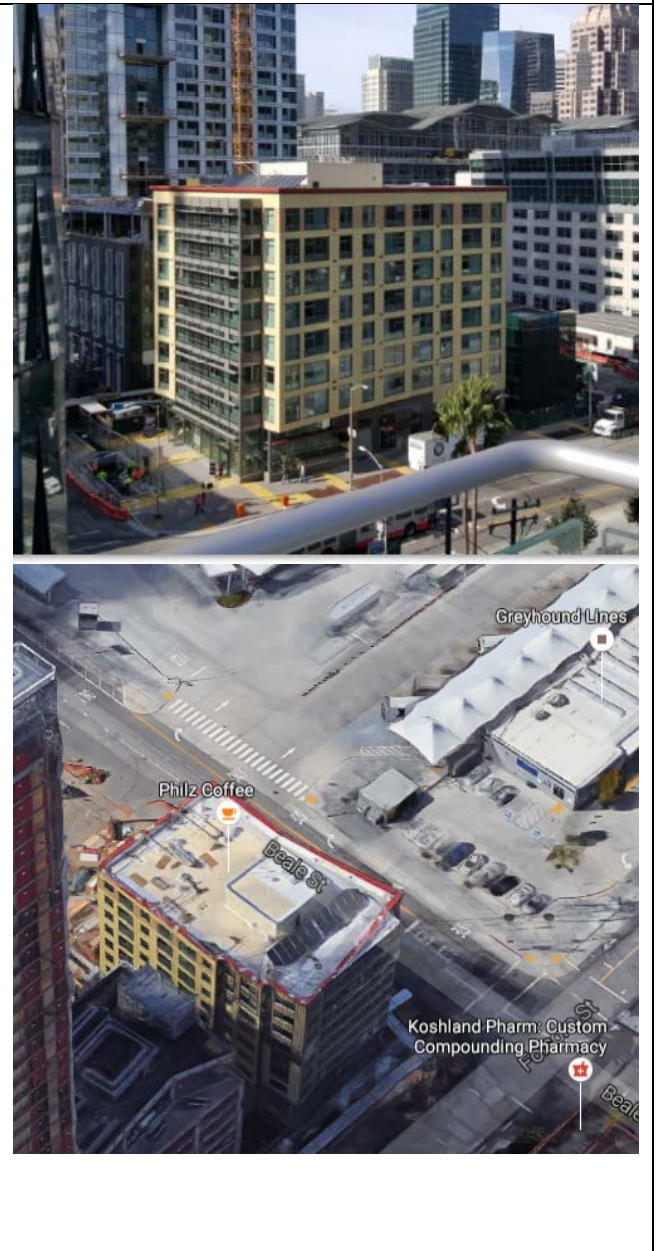
AT&T Mobility's agents performed an exhaustive look at suitable sites to fulfil the significant coverage gap. The alternative site analysis below outlines the efforts in attaining landlord interest for potential temporary and permanent designs for each identified property.





**Final Review of Candidates**

AT&T agents explored the following candidate builds, and approved or rejected the sites:

Property & Explanation	Zoning	Potential Build	Pictures
<p><b>1. Approved Lumina Building</b> 318 Main Street San Francisco, CA 94105</p>	<p>RC-4 – Residential-Commercial, High Density</p> <p>CUP for a new facility</p> <p>Within San Francisco Jurisdiction</p>	<p>Landlord and HOA interested</p> <p>Landlord, HOA, and AT&amp;T Mobility agreed to place the temporary antennas to replace the old permanent facility on the roof of the building. The AT&amp;T temporary facility is currently on the building.</p> <p>After the temporary facility was built, the HOA decided they were interested in a permanent AT&amp;T facility at this location. With the temp site already installed, it would make sense to reuse the existing infrastructure to create a permanent facility at this location.</p>	  
<p><b>2. Rejected Docusign Building</b> 221 Main Street San Francisco, CA 94105</p>	<p>C-3-O(SD) – Downtown – Office (Special District)</p> <p>CUP for a new facility</p> <p>Within San Francisco Jurisdiction</p>	<p>Landlord is not interested</p> <p>AT&amp;T pursued this location as a collocation. The landlord was not interested in leasing to another carrier.</p> <p>This location has good access and utilities, and within search ring.</p>	

			
<p><b>3. Rejected:</b> <b>OUTSIDE SEARCH RING</b> <b>Mercy Housing</b> 280 Beale Street, San Francisco, CA 94105</p>	<p>TB-DTR – Transbay Downtown Residential</p> <p>CUP for a new facility</p> <p>Within OCII Jurisdiction</p>	<p>Landlord unable to lease to AT&amp;T Mobility</p> <p>Landlord is unable to lease to AT&amp;T at this time due to their status as a non-profit organization. The lease of space for commercial revenue would invalidate the tax credits attached to the building</p>	
<p><b>4. Rejected:</b> <b>OUTSIDE SEARCH RING</b></p>	<p>RH –DTR – Rincon Hill</p>	<p>The building did not meet RF's height requirements or coverage objective.</p>	

<p><b>PG&amp;E Tax Department Building</b> 401 Folsom Street San Francisco, CA 94105</p>	<p>Downtown Residential</p> <p>CUP for a new facility</p> <p>Within San Francisco Jurisdiction</p>	<p>This site is located outside of the search area and has no line of site to the Transbay terminal location.</p> <p>Location currently has a substation existing in the building, access is restricted, and protective equipment is required upon entrance.</p> <p>The proposed site would have been a building mounted antenna.</p>	 
<p><b>5. Rejected OUTSIDE SEARCH RING: BAHA Headquarters</b> 390 Main Street San Francisco, CA 94105</p>	<p>RH -DTR - Rincon Hill Downtown Residential</p> <p>CUP for a new facility</p> <p>Within San Francisco Jurisdiction</p>	<p>The building did not meet RF's height requirements or coverage objective.</p> <p>This site is located outside of the search area and has no line of site to the Transbay terminal location.</p> <p>The proposed site would have been a building mounted antenna.</p>	