



SAN FRANCISCO PLANNING DEPARTMENT

Executive Summary Conditional Use Authorization

HEARING DATE: JANUARY 19, 2017

Date: January 12, 2017
Case No.: **2016-005788CUA**
Project Address: **1111 Junipero Serra Boulevard**
Current Zoning: NC-1 – (Neighborhood Commercial, Cluster)
RH-1 – (Residential-House, One Family)
26-X and 40-X Height and Bulk District
Block/Lot: 7080/024
Project Sponsor: AT&T Mobility, represented by
Eric Lentz
430 Bush Street, 5th Floor
San Francisco, CA 94108
Staff Contact: Stephanie Skangos – (415) 575-8731
Stephanie.Skangos@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 proposal is to allow the modification of an existing AT&T Mobility macro Wireless Telecommunications Services ("WTS") facility. The modification consists of the installation of three (3) new antennas (for a total of nine (9) antennas) mounted at the base of an existing church steeple; relocation of one (1) existing antenna; installation of six (6) new Radio Relay Units (RRUs); installation of screening; and other equipment upgrades.

The nine (9) antennas will be split into three (3) sectors of three (3) antennas each and mounted to the base of an existing church steeple. Sector A faces north towards Shields Street, Sector B faces west towards Junipero Serra Boulevard, and Sector C faces southeast, partially towards Beverly Street. A total of four (4) screens, two (2) screens per sector, will be installed at Sectors A and B in between the antennas. The screens will be composed of fiber-reinforced plastic ("FRP") and textured and painted to mimic existing elements of the church steeple. Antenna shrouds will be installed on all antennas, also textured and painted to match the church steeple, to screen cabling.

Three (3) RRUs will be located inside the existing church steeple, and three (3) RRUs will be located inside an existing equipment area located in an existing parking lot to the south of the existing church. No RRUs will be visible from the public right-of-way. Additional ancillary equipment will also be installed within the existing equipment area and not visible from the public right-of-way.

SITE DESCRIPTION AND PRESENT USE

The Project Site is located on Assessor's Block 7080, Lot 024. The property is a corner lot, fronting Junipero Serra Boulevard, and Shields and Beverly Streets. The subject building was built in 1953 and is the location for the Temple United Methodist Church.

There are three (3) existing WTS facilities by AT&T Mobility, T-Mobile and Sprint at the Project Site. AT&T Mobility's existing WTS facility consists of six (6) antennas, two (2) antennas per sector, mounted at the base of an existing church steeple and screened within existing FRP screen walls. One (1) existing Sector B antenna will be relocated slightly to allow room for an additional antenna, and the existing screens will be removed and replaced with new screens in between the antennas as part of this Project.

T-Mobile and Sprint have a total of three (3) antennas each. T-Mobile's antennas are located within the existing church steeple; Sprint's antennas are mounted at the higher base of the existing church steeple and screened within existing FRP screen walls.

SURROUNDING PROPERTIES AND NEIGHBORHOOD

The Project Site is situated within the Ocean View neighborhood, immediately adjacent to the eastern edge of the Lakeshore neighborhood. Surrounding uses include a mix of neighborhood-serving commercial and residential uses. The Project Site is located across 19th Avenue from Parkmerced.

ENVIRONMENTAL REVIEW

The Project is exempt from the California Environmental Quality Act ("CEQA") as a Class 1 categorical exemption (Minor Alteration to Existing Communications Facilities). The categorical exemption and all pertinent documents may be found in the files of the Planning Department, as the custodian of records, at 1650 Mission Street, Suite 400, San Francisco.

HEARING NOTIFICATION

TYPE	REQUIRED PERIOD	REQUIRED NOTICE DATE	ACTUAL NOTICE DATE	ACTUAL PERIOD
Classified News Ad	20 days	December 30, 2016	December 28, 2016	22 days
Posted Notice	20 days	December 30, 2016	December 29, 2016	21 days
Mailed Notice	20 days	December 30, 2016	December 30, 2016	20 days

PUBLIC COMMENT/COMMUNITY OUTREACH

The Project Sponsor held a community meeting on March 17, 2016 from 6:30pm to 7:00pm at the Junipero Serra Clubhouse at 300 Stonecrest Drive. No members of the community attended the meeting.

As of January 11, 2017, the Department has not received any calls or testimony raising concerns or supporting the Project.

ISSUES AND OTHER CONSIDERATIONS

- Based on the zoning and land use, the existing WTS facility is considered a Location Preference 2 Site (Co-Location Site), which is considered a "preferred location" according to the WTS Facilities Siting Guidelines, as the Project Site has an existing permitted AT&T Mobility WTS facility and is a co-location site with other wireless carriers.

- Given the directional nature of the panel antennas, their specific orientation, and their placement on the church steeple, the RF emissions created by the proposed panel antennas would not result in exposure levels that approach or exceed the public exposure limits set by the Federal Communications Commission (FCC). As noted on Radio-Frequency (RF) emissions report, the combined maximum RF exposure would be at maximum 2.8% of the public exposure limit set by the FCC. The antennas are not accessible to any unauthorized persons due to their height and location on the church steeple. Health and safety aspects (e.g. engineering review for structural loads, and backup battery storage) of all wireless Projects are reviewed by the Department of Public Health, San Francisco Fire Department, and the Department of Building Inspection.
- The proposed macro WTS facility would not significantly impair commercial and residential activities within the Project Site.
- AT&T Mobility has an updated Five Year Plan on file with the Department that includes the approximate longitudinal and latitudinal coordinates of proposed locations, including the Project Site.
- All required public notifications were conducted in compliance with the Planning Code and adopted WTS policies.

REQUIRED COMMISSION ACTION

Pursuant to Sections 303, 209.1 and 710.33A of the Planning Code, a Conditional Use Authorization is required for a macro WTS facility (Utility and Infrastructure Use) in the RH-1 and NC-1 Zoning Districts.

BASIS FOR RECOMMENDATION

This Project is necessary, desirable, and compatible with the surrounding neighborhood, in accordance with Section 303 of the Planning Code, for the following reasons:

- The proposed facility would be screened from view by virtue of proposed enclosures and their placement on the church steeple of the Subject Site. The proposal would not significantly detract from views of the Subject Building or from the view of other surrounding buildings, nor would it detract from adjacent streetscapes and vistas within the Western Addition neighborhood.
- The Project is on balance, consistent with the Objectives and Policies of the General Plan, as outlined in the draft Motion.
- The Project is consistent with the 1996 WTS Facilities Siting Guidelines, Planning Commission Resolution No. 14182, 16539, and 18523 supplementing the 1996 WTS Guidelines.
- The expected RF emissions fall well within the limits established by the Federal Communications Commission (FCC).
- According to the Wireless Telecommunications Services (WTS) Facilities Siting Guidelines, the Project Site is a preferred location, as a Location Preference 2 (Co-Location) Site.
- Based on propagation maps provided by AT&T Mobility, the Project would provide enhanced coverage in an area that currently experiences gaps in coverage and capacity.
- Based on the analysis provided by AT&T Mobility, the Project would provide additional capacity in an area that currently experiences insufficient service during periods of high data usage.
- Based on independent third-party evaluation, the maps, data, and conclusions about service coverage and capacity provided by AT&T Mobility are accurate.

RECOMMENDATION: Approval with Conditions
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Attachments:

Draft Conditional Use Authorization Motion
Block Book Map
Sanborn Map
Zoning Map
Aerial Map
Contextual Photographs
Photo Simulations
Radio Frequency Report
Department of Public Health Approval
Community Outreach Report
Coverage Maps
Independent Evaluation
Reduced Plans

Attachment Checklist

- | | |
|---|---|
| <input checked="" type="checkbox"/> Draft Motion | <input checked="" type="checkbox"/> Project sponsor submittal |
| <input checked="" type="checkbox"/> Zoning District Map | Drawings: <u>Proposed Project</u> |
| <input type="checkbox"/> Height & Bulk Map | <input checked="" type="checkbox"/> Check for legibility |
| <input checked="" type="checkbox"/> Block Book Map | <input checked="" type="checkbox"/> Community Outreach Report |
| <input checked="" type="checkbox"/> Sanborn Map | <input checked="" type="checkbox"/> Coverage Maps |
| <input checked="" type="checkbox"/> Aerial Map | <input checked="" type="checkbox"/> RF Report |
| <input checked="" type="checkbox"/> Context Photos | <input checked="" type="checkbox"/> DPH Approval |
| <input checked="" type="checkbox"/> Photo Simulations | <input checked="" type="checkbox"/> Independent Evaluation |

Exhibits above marked with an "X" are included in this packet SMS Planner's Initials

SA: I:\Current Planning\Wireless Facilities\Conditional Use Permits\1111 Junipero Serra (AT&T Mod)\IPC\1111 Junipero Serra Executive Summary.doc



SAN FRANCISCO PLANNING DEPARTMENT

Subject to: (Select only if applicable)

- | | |
|--|--|
| <input type="checkbox"/> Affordable Housing (Sec. 415) | <input type="checkbox"/> First Source Hiring (Admin. Code) |
| <input type="checkbox"/> Jobs Housing Linkage Program (Sec. 413) | <input type="checkbox"/> Child Care Requirement (Sec. 414) |
| <input type="checkbox"/> Downtown Park Fee (Sec. 412) | <input type="checkbox"/> Other |

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Suite 400
San Francisco,
CA 94103-2479

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Information:
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Planning Commission Draft Motion

HEARING DATE: JANUARY 19, 2017

Date: January 12, 2017
Case No.: **2016-004865CUA**
Project Address: **1101 Fillmore Street**
Current Zoning: Fillmore Street NCT (Neighborhood Commercial Transit District)
50-X Height and Bulk District
Block/Lot: 0755/002
Project Sponsor: **AT&T Mobility**, represented by
Eric Lentz
430 Bush Street, 5th Floor
San Francisco, CA 94108
Staff Contact: Stephanie Skangos – (415) 575-8731
Stephanie.Skangos@sfgov.org

ADOPTING FINDINGS RELATING TO THE APPROVAL OF A CONDITIONAL USE AUTHORIZATION UNDER PLANNING CODE SECTIONS 303 AND 747.33A TO MODIFY AN EXISTING AT&T MOBILITY MACRO WIRELESS TELECOMMUNICATIONS SERVICES FACILITY FOR A TOTAL OF UP TO SIX (6) SCREENED ROOFTOP MOUNTED PANEL ANTENNAS AS PART OF THE AT&T MOBILITY TELECOMMUNICATIONS NETWORK WITHIN THE FILLMORE STREET NCT (NEIGHBORHOOD COMMERCIAL TRANSIT) ZONING DISTRICT AND A 50-X HEIGHT AND BULK DISTRICT.

PREAMBLE

On April 13, 2016, AT&T Mobility (hereinafter "Project Sponsor"), submitted an application (hereinafter "Application"), for a Conditional Use Authorization on the property at 1101 Fillmore Street, Block 0755, Lot 002, (hereinafter "Project Site") to modify an existing AT&T Mobility Wireless Telecommunications Services Facility consisting of installation of three (3) new antennas (for a total of six (6) antennas) mounted on an existing rooftop behind new screening; relocation of three (3) existing antennas to behind new screening; installation of three (3) new Radio Relay Units (RRUs); relocation of six (6) existing RRUs; and other equipment upgrades as part of the AT&T Mobility Wireless Telecommunications Network, within the Fillmore Street NCT (Neighborhood Commercial Transit) Zoning District and a 50-X Height and Bulk District.

The Project is exempt from the California Environmental Quality Act ("CEQA") as a Class 1 Categorical Exemption (Section 15301 of the California Environmental Quality Act). The

Planning Commission has reviewed and concurs with said determination. The categorical exemption and all pertinent documents may be found in the files of the Planning Department (hereinafter "Department"), as the custodian of records, at 1650 Mission Street, Suite 400, San Francisco.

On January 19, 2017 the San Francisco Planning Commission (hereinafter "Commission") conducted a duly noticed public hearing at a regularly scheduled meeting on the Application for a Conditional Use Authorization.

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

MOVED, that the Commission hereby authorizes the Conditional Use in Application No. 2016-004865CUA, 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. **Site Description and Present Use.** The Project Site is located on Assessor's Block 0755, Lot 002. The lot is located at the northwest corner of Fillmore Street and Golden Gate Avenue. The subject building is currently identified as mixed-use, consisting of commercial on the ground floor and residential apartments above.

There are three (3) existing WTS facilities by AT&T Mobility and Sprint at the Project Site. AT&T Mobility's existing WTS facility consists of three (3) antennas located within faux vents. Sprint has three (3) antennas, all of which are roof-mounted and screened within faux vents. The existing AT&T antennas will be relocated as described above, and the associated existing faux vents will be removed as part of this Project.

3. **Surrounding Properties and Neighborhood.** The Project Site is situated within the Western Addition neighborhood. Surrounding uses include a mix of neighborhood-serving commercial and residential uses.
4. **Project Description.** The proposal is to allow the modification of an existing AT&T Mobility macro Wireless Telecommunications Services ("WTS") facility. The modification consists of the installation of three (3) new antennas (for a total of six (6) antennas) mounted on an existing rooftop behind new screening; relocation of three (3) existing antennas to behind new screening; installation of three (3) new Radio Relay Units (RRUs); relocation of six (6) existing RRUs; and other equipment upgrades.

The six (6) antennas will be split into three (3) sectors of two (2) antennas each. Each sector will be rooftop mounted and screened within new screen walls composed of fiber-reinforced plastic ("FRP"), which allows radio signals to pass through, but can be textured and painted to mimic existing elements of the subject building.

Sectors A and B will be located at the northwest corner of the subject property and screened from view within one (1) FRP screen box, measuring 7'-0"L x 8'-0"W x 6'-0"H and setback 7'-0" from the building's northern edge. Sector C will be located in the middle of the subject building, along the eastern edge, adjacent to an existing screen wall with existing Sprint equipment. Sector C will be located within one (1) FRP screen box, measuring 9'-6"L x 6'-0"W x 6'-6"H and setback 7'-0" from the building's eastern edge, which fronts Fillmore Street. The height of the Sector C FRP screen wall will be flush with the existing Sprint screen wall.

All new and relocated RRUs, three (3) RRUs per sector, will be located adjacent to the antennas, within the new screening. Additional ancillary equipment will also be installed at each sector, behind screening, and within an existing equipment area located in the basement of the subject building.

5. **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.

6. **Location Preference.** The *WTS Facilities Siting Guidelines* identify different types of zoning districts and building uses for the siting of wireless telecommunications facilities. Based on the zoning and land use, the proposed WTS facility is at a Location Preference 2 Site (Co-Location Site) according to the *WTS Facilities Siting Guidelines*, making it a preferred location.
7. **Radio Waves Range.** The Project Sponsor has stated that the proposed wireless network is designed to address coverage and capacity needs in the area. The network will operate in the 700 Megahertz (MHZ) bands, which are regulated by the Federal Communications Commission (FCC) and must comply with the FCC-adopted health and safety standards for electromagnetic radiation and radio frequency radiation.
8. **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.
9. **Department of Public Health Review and Approval.** The Project was referred to the Department of Public Health (DPH) for emissions exposure analysis. Radio-Frequency (RF) levels from the proposed AT&T Mobility transmitters at ground level would cumulatively (in addition to the RF emitted by Sprint) be less than 2.0% of the FCC public exposure limit.

There are 6 antennas existing operated by AT&T Wireless and Sprint installed on the roof top of the building at 1101 Fillmore St. Existing RF levels at ground level were around 0.9% of the FCC public exposure limit. No other antennas were observed within 100 feet

of this site. AT&T Wireless proposes to relocate the 3 existing antennas and install 3 new antennas. The antennas are mounted at a height of 54 feet above the ground. The estimated ambient RF field from the proposed AT&T Wireless transmitters at ground level is calculated to be 0.0064 mW/sq cm., which is 1.1 % of the FCC public exposure limit. The three dimensional perimeter of RF levels equal to the public exposure limit extends 47 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. Barricades are to be provided around rooftop areas exceeding the FCC public exposure limit. Yellow striping and red striping are to be provided on rooftop surfaces that exceed the FCC public exposure limit and FCC occupational exposure limit, respectively. Workers should not have access to within 17 feet of the front of the antennas while they are in operation.

10. **Coverage and Capacity Verification.** The maps, data, and conclusion provided by AT&T Mobility to demonstrate the need for outdoor and indoor coverage and capacity have been determined by Hammett & Edison, Inc., an engineering consultant and independent third party, to accurately represent the carrier's present and post-installation conclusions.
11. **Maintenance Schedule.** The facility would operate without on-site staff but with a maintenance crew visiting the property to service and monitor the facility.
12. **Community Outreach.** As required under the *Guidelines*, the Project Sponsor held a community meeting at 1550 Scott Street, to discuss the Project at 6:00 p.m. on March 10, 2016. Two (2) members of the community attended the meeting for further information on the Project and asked questions about the benefits expected from upgrading the existing WTS facility, the locations of AT&T Mobility's nearest WTS facilities, and how many other wireless carriers had WTS facilities in the vicinity.
13. **Five-year plan:** Per the *Guidelines*, the Project Sponsor submitted an updated five-year plan, as required, in October 2016.
14. **Public Comment.** As of January 5, 2017, the Department has not received any calls or testimony raising concerns or supporting the Project.
15. **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 747.33A, a Conditional Use Authorization is required for a macro WTS facility (Utility and Infrastructure Use).
16. **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.

- i. *Desirable: San Francisco is a leader of the technological economy; it is important and desirable to the vitality of the City to have and maintain adequate telecommunications coverage and data capacity. This includes the installation and upgrading of systems to keep up with changing technology and increases in usage. It is desirable for the City to allow wireless facilities to be installed.*

The Project at 1101 Fillmore 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.

- ii. *Necessary: In the case of wireless installations, there are two criteria that the Commission reviews: coverage and capacity.*

Coverage: San Francisco does have sufficient overall wireless coverage (note that this is separate from carrier capacity). San Francisco's unique coverage issues are due to topography and building heights. The hills and buildings disrupt lines-of-site between WTS base stations. Thus, telecommunication carriers continue to install additional installations to make sure coverage is sufficient.

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

The Project at 1101 Fillmore Street is necessary in order to achieve sufficient street and in-building mobile phone coverage and data capacity. Recent drive tests in the subject area conducted by the AT&T Mobility Radio Frequency Engineering Team provide that the Project Site is a preferable location, based on factors including quality of coverage and aesthetics.

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

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

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

The Department of Public Health conducted an evaluation of potential health effects from Radio Frequency radiation, and has concluded that the proposed wireless transmission facilities will have no adverse health effects if operated in compliance with the FCC-adopted health and safety standards.

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

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

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

While some noise and dust may result from the 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.

- iv. 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.

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

HOUSING ELEMENT
Objectives and Policies

BALANCE HOUSING CONSTRUCTION AND COMMUNITY INFRASTRUCTURE

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 Western Addition 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.

18. **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.

Compliance with applicable structural safety and seismic safety requirements will be considered during the building permit application review process.

- G. That landmarks and historic buildings be preserved.

The facility will be screened from view by virtue of equipment placement on the rooftop. While the proposed screen boxes are minimally visible from surrounding public rights-of-way (e.g. sidewalks along surrounding streets), the size, height, and setback of the screening structures will not significantly detract from views of the subject building.

- 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.

19. 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.
20. 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 Application No. **2016-004865CUA**, subject to the following conditions attached hereto as "EXHIBIT A" in general conformance with plans on file, dated October 31, 2016, 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 No. XXXX. 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 recommence the 90-day approval period.

I hereby certify that the foregoing Motion was adopted by the Planning Commission on **January 19, 2017**.

Jonas P. Ionin
Commission Secretary

AYES:

NAYS:

ABSENT:

ADOPTED:

EXHIBIT A

AUTHORIZATION

This authorization is for a Conditional Use to allow a Macro Wireless Telecommunications Facility with up to six (6) screened panel antennas (operated by AT&T Mobility) located at 1101 Fillmore Street, Block 0755, and Lot 002 pursuant to Planning Code Sections 303 and 747.33A within the Fillmore Street NCT Zoning District and an 50-X Height and Bulk District; in general conformance with plans, dated October 31, 2016 and stamped "EXHIBIT B" included in the docket for Record No. 2016-004865CUA and subject to conditions of approval reviewed and approved by the Commission on January 19, 2017, under Motion No. XXXX. 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 **January 19, 2017** under Motion No. XXXX.

PRINTING OF CONDITIONS OF APPROVAL ON PLANS

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

SEVERABILITY

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

CHANGES AND MODIFICATIONS

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

Conditions of Approval, Compliance, Monitoring, and Reporting

PERFORMANCE

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

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

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

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

3. **10-Year Renewal.** This authorization is valid for ten (10) years from date of approval. The project sponsor must seek a renewal of this Authorization prior to expiration, but no earlier than 24 months prior to expiration, 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 decommission the wireless facility, 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

4. **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

5. **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

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

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

DESIGN – COMPLIANCE AT PLAN STAGE

7. **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 415-575-9078, www.sf-planning.org.

8. **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:
 - a. Antennas and back up equipment shall be painted, fenced, landscaped or otherwise treated architecturally so as to minimize visual effects;

- b. Rooftop installations shall be setback such that back up facilities are not viewed from the street;
- c. 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 415-575-9078, www.sf-planning.org.

MONITORING - AFTER ENTITLEMENT

9. **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

10. **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.

11. **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

12. **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

13. **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.

14. **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.

15. **Notification prior to Project Implementation Report - WTS.** The Project Sponsor shall undertake appropriate tests for residents of any dwelling units located within 25 feet of the transmitting antenna.

- 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

16. **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

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

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

OPERATION

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

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

19. **Out of Service – WTS.** The Project Sponsor or Property Owner shall remove antennas and equipment that has been out of service or otherwise abandoned for a continuous period of six (6) months.

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

20. **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.

21. **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.

22. **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

23. **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.

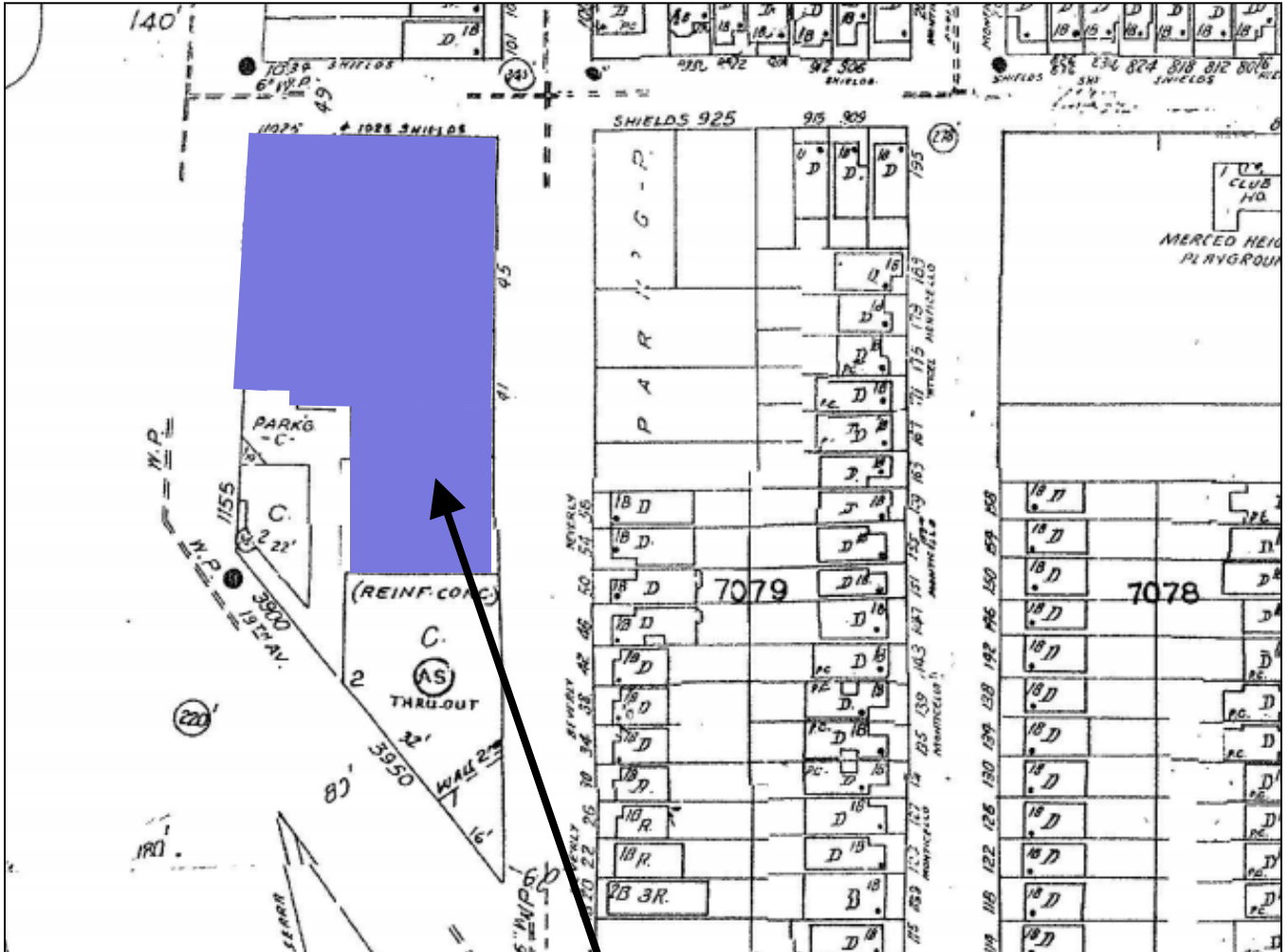
For information about compliance, contact the Department of Technology, 415-581-4000, <http://sfgov3.org/index.aspx?page=1421>

Block Book Map



Case Number 2016-005788CUA
AT&T Mobility
Macro WTS Facility
1111 Junipero Serra Boulevard

Sanborn Map*



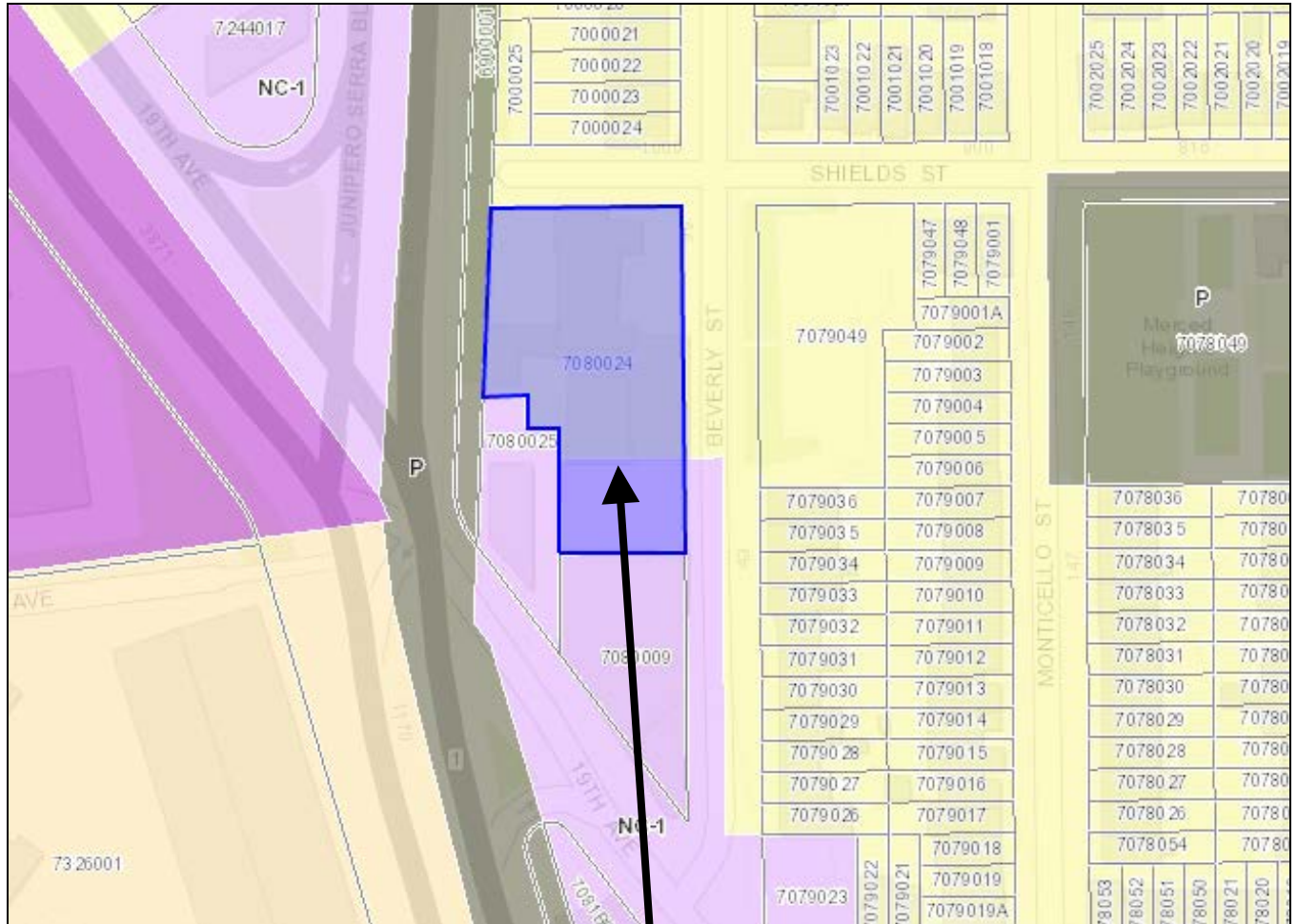
**SUBJECT
PROPERTY**

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



Case Number 2016-005788CUA
AT&T Mobility
Macro WTS Facility
1111 Junipero Serra Boulevard

Zoning Map



**SUBJECT
PROPERTY**



Aerial Photo



Contextual Photographs



Facing North on Junipero Serra Blvd



Facing South on Junipero Serra Blvd



Contextual Photographs



Facing North on Beverly St



Facing South on Beverly St



Case Number 2016-005788CUA
AT&T Mobility
Macro WTS Facility
1111 Junipero Serra Boulevard

Photosimulation of a close view looking northwest from Beverly Street, behind the church.



19th & Brotherhood Way
1111 Junipero Serra Blvd
San Francisco, CA 94132
CNU5625



Photosimulation of a close view looking northeast from across 19th Street at Junipero Serra Blvd.



19th & Brotherhood Way
1111 Junipero Serra Blvd
San Francisco, CA 94132
CNU5625



Existing

Proposed

Photosimulation of a close view looking southeast from Junipero Serra Blvd.



19th & Brotherhood Way
1111 Junipero Serra Blvd
San Francisco, CA 94132
CNU5625



AT&T Mobility • Base Station No. CNU5625
1111 Junipero Serra Boulevard • 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. CNU5625) located at 1111 Junipero Serra Boulevard in San Francisco, California, for compliance with appropriate guidelines limiting human exposure to radio frequency (“RF”) electromagnetic fields.

Background

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

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

Checklist

Reference has been made to information provided by AT&T, including zoning drawings by Streamline Engineering and Design, Inc., dated November 3, 2016. 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 directional panel antennas behind view screens at the base of the steeple of the Temple United Methodist Church located at 1111 Junipero Serra Boulevard in San Francisco. Also located within and/or on the steeple are reportedly six similar antennas, three for use by T-Mobile and three for use by Sprint.

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

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



AT&T Mobility • Base Station No. CNU5625
1111 Junipero Serra Boulevard • San Francisco, California

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

AT&T proposes to relocate one of its existing antennas and to install three additional antennas. 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 install three CommScope Model SBNHH-1D65A antennas. The six remaining antennas are three CommScope Model SBNHH-1D65A and three CCI Model OPA-65R-LCUU-H4, one of which is to be relocated within the view screens. The nine antennas would be mounted with 3° downtilt at an effective height of about 50 feet above ground and would be oriented in identical groups of three at about 120° spacing, to provide service in all directions.

Presently located on the building are similar antennas for use by T-Mobile and Sprint. For the limited purpose of this study, the transmitting facilities of those carriers are assumed to be as follows:

Operator	Service	Maximum ERP	Antenna Model	Downtilt	Height
T-Mobile	AWS	1,180 watts	CommScope SBNHH-1D65A	10°	77 ft
	PCS	1,400	CommScope SBNHH-1D65A	10	77
	700 MHz	480	CommScope SBNHH-1D65A	10	77
Sprint	BRS	1,500	KMW ET-X-WM-18-65-8P	3	65
	PCS	7,000	KMW ET-X-TS-70-15-62-18	3	65
	SMR	500	KMW ET-X-TS-70-15-62-18	3	65

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 nearest access area to the antennas was measured* to be less than 2.1% of the applicable public exposure limit. The maximum existing RF level for a person at ground near the site was measured† to be 0.0017 mW/cm², which is 0.85% 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 is 8,390 watts, representing simultaneous operation at 2,540 watts for WCS, 780 watts for AWS, 3,230 watts for PCS, 1,170 watts for cellular, and 670 watts for 700 MHz service. The maximum effective radiated power proposed by T-Mobile in any direction is 3,060 watts, representing simultaneous operation at

* July 18, 2013, using calibrated Wandel & Goltermann Type EMR-300 Radiation Meter with Type 18 Isotropic Electric Field Probe (Serial No. F-0034).

† June 19, 2015, using calibrated Narda Type NBM-520 Broadband Field Meter with Type EF-0391 Isotropic Electric Field Probe (Serial No. D-0454).



AT&T Mobility • Base Station No. CNU5625
1111 Junipero Serra Boulevard • San Francisco, California

1,180 watts for AWS, 1,400 watts for PCS, and 480 watts for 700 MHz service. The maximum effective radiated power proposed by Sprint in any direction is 9,000 watts, representing simultaneous operation at 1,500 watts for BRS, 7,000 watts for PCS, and 500 watts for SMR service.

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

The maximum calculated cumulative RF exposure level at any nearby building is 3.0% of the public exposure limit; this occurs at the two-story commercial building to the south, located at least 100 feet away.[‡]

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 by itself is calculated to be 0.026 mW/cm², which is 2.8% of the applicable public exposure limit. Cumulative RF levels at ground level near the site are therefore estimated to remain below 4% of the applicable public exposure 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 58 and 21 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 locations and height, the AT&T antennas would not be accessible to unauthorized persons, 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 appropriate RF safety training, to include review of personal monitor use and lockout/tagout procedures, be provided to all authorized personnel who have access to the roof, including employees and contractors of the wireless carriers and of the property owner. No access directly in front of the antennas themselves, such as might occur during certain maintenance activities, should be allowed while the base station is in operation, unless other measures can be demonstrated to

[‡] Based on photographs from Google Maps. This includes all residences.

AT&T Mobility • Base Station No. CNU5625
1111 Junipero Serra Boulevard • San Francisco, California

ensure that occupational protection requirements are met. It is recommended that explanatory signs[§] be posted on the view screens in front of the antennas, readily visible from any angle of approach to persons who might need to work within that distance. Similar measures should already be in place for the other carriers at the site.

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, 2017. 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.

Conclusion

Based on the information and analysis above, it is the undersigned's professional opinion that the proposed operation of the AT&T Mobility base station located at 1111 Junipero Serra Boulevard 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 and posting explanatory signs are recommended to establish compliance with occupational exposure limits.

January 6, 2017



William F. Hammett

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

§ 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.



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

Edwin M. Lee, **Mayor**
Barbara Garcia, **Director of Health**
Stephanie K.J. Cushing, MSPH, CHMM, REHS
Director of Environmental Health

Review of Cellular Antenna Site Proposals

Project Sponsor : AT&T Wireless **Planner:** Liz Watty
RF Engineer Consultant: Hammett & Edison, Inc **Phone Number:** (707) 996-5200
Project Address/Location: 1111 Junipero Serra Blvd
Site ID: 1259 **SiteNo.:** CNU5625 **Report Dated:** 1/6/2017

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: 12
- ☒ 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: 8390 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: 3 %
Distance to this nearby building or structure: 100 feet
- ☒ 8. The estimated maximum cumulative radio frequency fields for the proposed site at ground level. (WTS-FSG, Section 10.5)
Maximum RF Exposure: 0.026 mW/cm² Maximum RF Exposure Percent: 2.8 %

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

☒ Public Exclusion Area

Public Exclusion In Feet: 58

☒ Occupational Exclusion Area

Occupational Exclusion In Feet: 21

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 12 antennas existing operated by AT&T Wireless, T-Mobile and Sprint installed on the building at 1111 Junipero Serra Blvd. Existing RF levels at ground level were around .85% 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 and relocate 1 antenna. The antennas are mounted at a height of 50 feet above the ground. The estimated ambient RF field from the proposed AT&T Wireless transmitters at ground level is calculated to be 0.026 mW/sq cm., which is 2.8 % of the FCC public exposure limit. The three dimensional perimeter of RF levels equal to the public exposure limit extends 58 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 21 feet of the front of the antennas while they are in operation.

 Not Approved, additional information required.

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

 1 Hours spent reviewing

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

Dated: 1/9/2016

Signed:



Larry Kessler

Environmental Health Management Section
San Francisco Dept. of Public Health
1390 Market St., Suite 210,
San Francisco, CA. 94102
(415) 252-3841



AT&T Mobility
430 Bush St. 5th Floor
San Francisco, CA 94108

March 17, 2016

Seema Adina, Planner
San Francisco Department of Planning
1650 Mission Street, Suite 400
San Francisco, CA 94103

Re: Community Meeting for proposed AT&T Mobility facility at 1111 Junipero Serra (CNU5625)

Dear Seema,

AT&T representatives held a community meeting on Thursday, March 17th at the Junipero Serra Clubhouse, 300 Stonecrest Drive, San Francisco, CA. The purpose of the meeting was to notify residents of AT&T's plans to add three additional panel antennas to its existing site at 1111 Junipero Serra Blvd.

In attendance from AT&T were the following:

Cammy Blackstone – AT&T External Affairs

Eric Lentz – Permit Me

Rajat Mathur – Hammett & Edison

Luis Cuadra – Berg Davis

The meeting began at 6:30pm. No members of the community attended the meeting and at 7:00pm the meeting was concluded.

Copies of the signed community meeting affidavit and meeting notice are attached. There is no sign in sheet as no members of the community attended.

Sincerely,

A handwritten signature in blue ink, appearing to be "Eric Lentz", written over a horizontal line.

Eric Lentz, Land Use Consultant
Permit Me, Inc.
For AT&T Mobility
Cell: 805-895-4394
Email: ericlentz@permitme.net



AT&T Mobility
430 Bush St. 5th Floor
San Francisco, CA 94108

Affidavit of Conducting a Community Outreach Meeting, Sign-in Sheet and Issues/Responses submittal

I, Eric Lentz, do hereby declare as follows:
(print name)

1. I have conducted a **Community Outreach Meeting** for the proposed new construction or alteration prior to submitting a building permit in accordance with Planning Commission Pre-Application Policy.
2. The meeting was conducted at Junipero Serra Clubhouse, 300 Stonescresc Drive
(Meeting Location)

on March 17, 2016 from 6:30pm – 7:00pm
(Date) (Time)
3. I have included the **mailing list, meeting initiation, issue/response summary, and reduced plans** with the Conditional Use Application. I understand that I am responsible for the accuracy of this information and that erroneous information may lead to suspension or revocation of the permit.
4. I have prepared these materials in good faith and to the best of my ability.

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

EXECUTED ON THIS DAY, March 17, 2016 IN SAN FRANCISCO

Signature

Eric W. Lentz

Name (type or print)

Agent for AT&T Mobility

Relationship to Project, e.g. Owner, Agent
(if Agent, give business name and profession)

1111 Junipero Serra Blvd.

Project Address

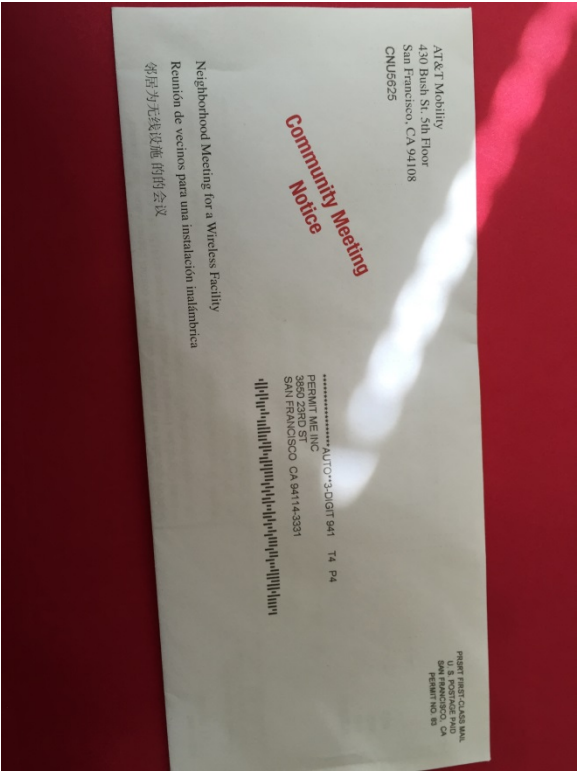
NOTICE OF COMMUNITY OUTREACH MEETING ON A PROPOSED MODIFICATION TO AN EXISTING WIRELESS COMMUNICATION FACILITY IN YOUR NEIGHBORHOOD	
To: Neighborhood Groups and Neighbors & Owners within 500’ radius of 1111 Junipero Serra Blvd.	
Meeting Information Date: Thursday March 17, 2016 Time: 6:30 p.m. Where: Junipero Serra Clubhouse 300 Stonecrest Drive San Francisco, CA 94132	AT&T Mobility is proposing to modify an existing wireless communication facility at 1111 Junipero Serra Blvd needed by AT&T Mobility as part of its San Francisco wireless network. AT&T Mobility proposes to modify the existing facility by increasing LTE service by installing three new panel antennas. Plans and photo simulations will be available for your review at the meeting. You are invited to attend an informational community meeting located at Junipero Serra Clubhouse at 300 Stonecrest Drive on Thursday, March 17, 2016, at 6:30 p.m. to learn more about the project.
Site Information Address: 1111 Junipero Serra Blvd. Block/Lot: 7080/024 Zoning: RH-1	If you have any questions regarding the proposal and are unable to attend the meeting, please contact the AT&T Mobility Hotline at (415) 646-0972 and an AT&T Mobility specialist will return your call. Please contact Seema Adina, staff planner with the City of San Francisco Planning Department at (415) 558-6378 if you have any questions regarding the planning process.
Applicant AT&T Mobility	
Contact Information AT&T Mobility Hotline (415) 646-0972	NOTE: If you require an interpreter to be present at the meeting, please contact our office at (415) 646-0972 no later than 5:00pm on Friday, March 11, 2016 and we will make every effort to provide you with an interpreter.

有關社區現有無線通訊設施更改提議的社區外展會議通知

致：1111 Junipero Serra Blvd.半徑 500 英尺內的社區團體、鄰居及業主

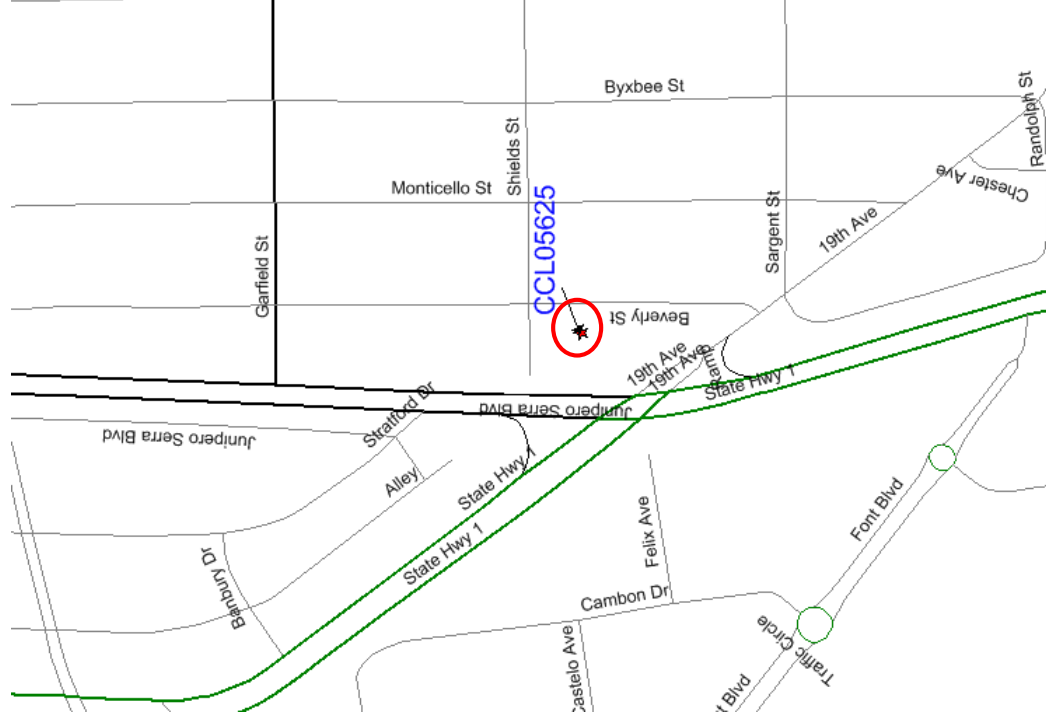
會議資訊 日期：2016 年 3 月 17 日星期四 時間：晚上 6:30 地點：Junipero Serra Clubhouse 300 Stonecrest Drive San Francisco, CA 94132	AT&T Mobility提議根據AT&T Mobility的需要，作為該公司在三藩市無線網路的一部分，對1111 Junipero Serra Blvd的現有無線通訊設施進行更改。AT&T Mobility提議通過安裝三條新的平板天線增加LTE服務，更改現有設施。在會上將提供計畫和類比圖片給大家閱覽。誠邀大家在2016年3月17日星期四晚上 6:30參加此次社區資訊會議，地點位於Junipero Serra Clubhouse at 300 Stonecrest Drive，以便瞭解更多的專案情況。
場地信息 地址：1111 Junipero Serra Blvd. Block/Lot: 7080/024 Zoning: RH-1	如果您對提議有任何問題，以及您無法參加會議，請撥打熱線電話(415) 646-0972聯繫AT&T Mobility，AT&T Mobility的專家會回復您的電話。如果您對規劃流程有任何疑問，請致電(415) 558-6378聯繫三藩市規劃局的規劃師Seema Adina。
申請人 AT&T Mobility	注： 如果在會上您需要口譯員，請在 2016 年 3 月 11 日星期五下午 5:00 前撥打電話(415) 646-0972 聯繫我們的辦公室。我們會盡一切努力為您提供口譯員。
聯繫方式 AT&T Mobility熱線電話 (415) 646-0972	

NOTIFICACIÓN DE REUNIÓN DE ALCANCE COMUNITARIO SOBRE MODIFICACIÓN PROPUESTA A UNA INSTALACIÓN DE COMUNICACIONES INALÁMBRICAS PROPUESTA EN SU VECINDARIO	
Para: Grupos del vecindario, vecinos y propietarios dentro de un radio de 500’ de 1111 Junipero Serra Blvd.	
Información de la reunión Fecha: Jueves, 17 de marzo de 2016 Hora: 6:30 p.m. Dónde: Junipero Serra Clubhouse 300 Stonecrest Drive San Francisco, CA 94132	AT&T Mobility propone una modificación de la instalación de comunicaciones inalámbricas actual en 1111 Junipero Serra Blvd necesaria para AT&T Mobility como parte de su red inalámbrica en San Francisco. AT&T Mobility propone modificar la instalación existente aumentando el servicio de LTE, a través de la instalación de tres antenas panel. Habrá planos y fotos disponibles para que usted los revise en la reunión. Se lo invita a asistir a una reunión informativa de la comunidad que se realizará en Junipero Serra Clubhouse en 300 Stonecrest Drive, el jueves 17 de marzo de 2016, a las 6:30 a.m. p.m. para tener más información sobre el proyecto.
Información del lugar Dirección: 1111 Junipero Serra Blvd. Cuadra/Lote: 7080/024 Zonificación: RH-1	Si tiene preguntas relacionadas con la propuesta y no puede asistir a la reunión, por favor llame a la Línea Directa de AT&T Mobility, (415) 646-0972, y un especialista de AT&T Mobility le devolverá el llamado. Por favor, contacte a Seema Adina, planificadora del Departamento de Planificación de la Ciudad de San Francisco al (415) 558-6378 si tiene alguna pregunta relaciona da con el proceso de planificación.
Solicitante AT&T Mobility	
Información de contacto Línea directa de AT&T Mobility (415) 646-0972	NOTA: Si necesita que un intérprete esté presente en la reunión, por favor, contacte a nuestra oficina al (415) 646-0972 el viernes, 11 de marzo de 2016 antes de las 5:00 p.m., y haremos todos lo posible para proporcionarle un intérprete.



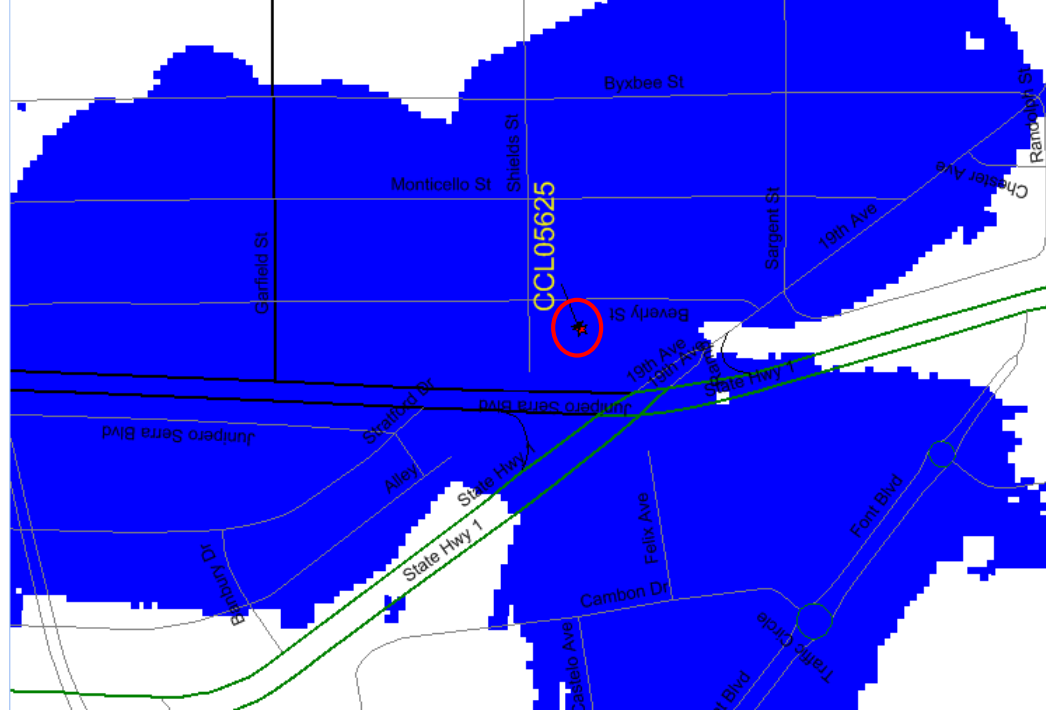
Indoor LTE 4G High Band(WCS) Service Coverage BEFORE Antenna Mods – CCL05625

March 03, 2016



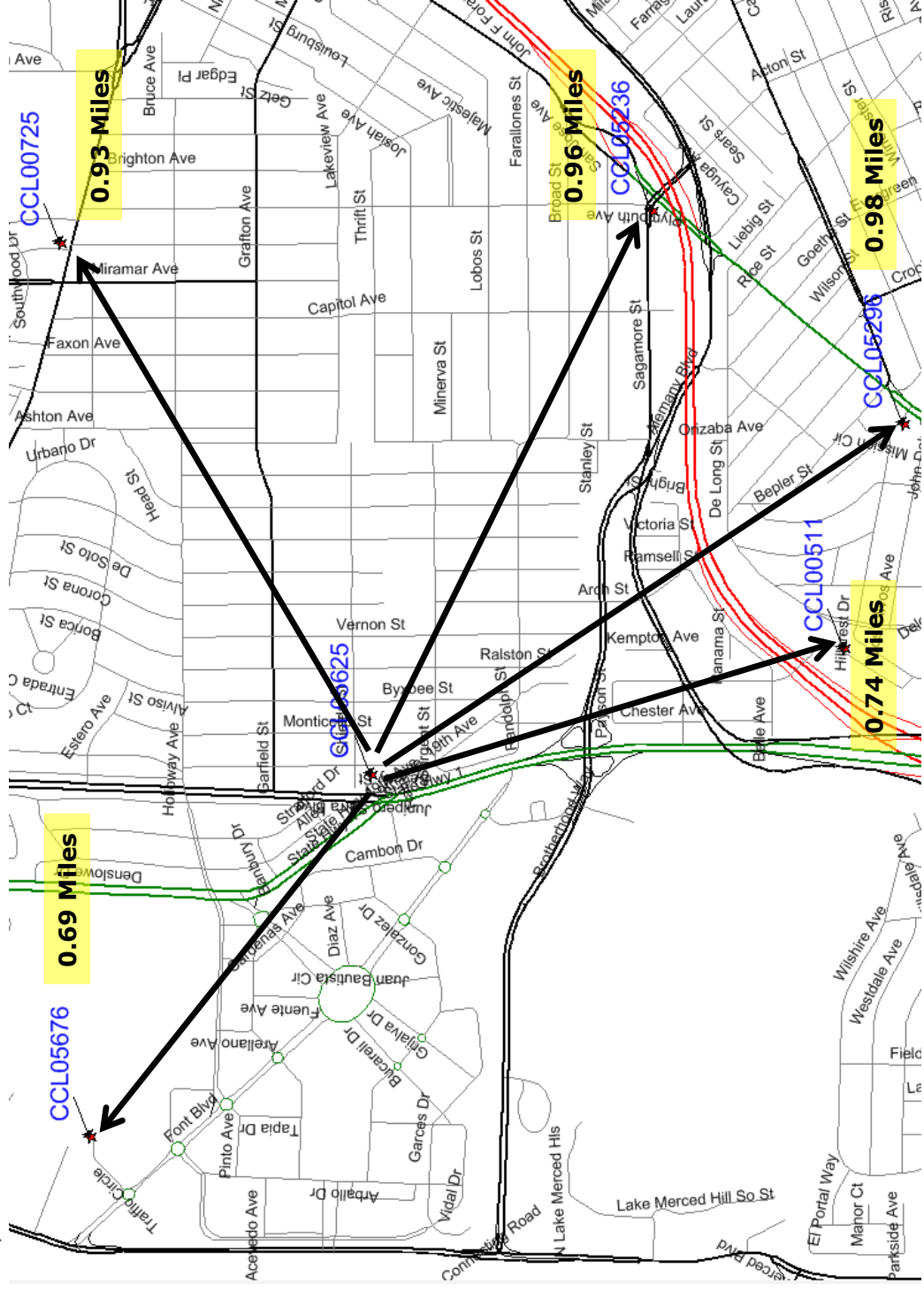
Indoor LTE 4G High Band(WCS) Service Coverage AFTER Antenna Mods – CCL05625

March 03, 2016



Surrounding On Air sites

March 03, 2016





HAMMETT & EDISON, INC.
CONSULTING ENGINEERS
BROADCAST & WIRELESS

WILLIAM F. HAMMETT, P.E.
STANLEY SALEK, P.E.
ROBERT P. SMITH, JR.
RAJAT MATHUR, P.E.
ANDREA L. BRIGHT, P.E.
NEIL J. OLIJ, P.E.
BRIAN F. PALMER

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

DANE E. ERICKSEN, P.E.
CONSULTANT

BY E-MAIL VP347Q@ATT.COM

March 25, 2016

Ms. Veneranda Pogue
AT&T Mobility
430 Bush Street
San Francisco, California 94108-3735

Dear Randi:

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 existing base station located at 1111 Junipero Serra Boulevard (Site No. CCL05625). 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 reflect the carrier's present and post-installation indoor coverage.

AT&T has installed six directional panel antennas – three CommScope Model SBNHH-1D65A and three CCI Model OPA-65R-LCUU-H4 – behind view screens at the base of the steeple of the Temple United Methodist Church located at 1111 Junipero Serra Boulevard in San Francisco. AT&T proposes to provide 2300 MHz Wireless Communication Service (“WCS”) from the site by relocating two of its existing antennas and installing three CommScope Model SBNHH-1D65A antennas. The nine antennas would be mounted with 3° downtilt at an effective height of about 50 feet above ground and would be oriented in identical groups of three at about 120° spacing, to provide service in all directions. The maximum effective radiated power proposed by AT&T in any direction is 8,390 watts, representing simultaneous operation at 2,540 watts for WCS, 780 watts for AWS, 3,230 watts for PCS, 1,170 watts for cellular, and 670 watts for 700 MHz service.

AT&T provided for review a pair of coverage maps, dated March 15, 2016, attached for reference. The maps show AT&T's WCS indoor coverage in the area before and after the site modifications. Note that no blue appears on the before map as AT&T claims no existing WCS coverage in the vicinity of the site. The after WCS map shows acceptable indoor coverage, colored in blue.

Ms. Veneranda Pogue, page 2
March 25, 2016

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

As a second step, we conducted our own measurements of the actual AT&T WCS signal strength in the vicinity of the site. Our fieldwork was conducted on March 17, 2016, between 3:35 PM and 4:30 PM. The field measurements were conducted using a Narda Type SRM-3000 Selective Radiation Meter with Type BN-3501 Isotropic Electric Field Probe (Serial No. F-0042) at several locations near the site that AT&T had indicated would receive WCS service.

Based on the measurement data, we conclude that the AT&T WCS coverage map showing the service area without the proposed modifications represents areas of deficiency in the carrier's present indoor WCS coverage. The map submitted to show the after coverage with WCS operational was reportedly prepared using commercially available software and is expected to illustrate accurately the improvements in coverage.

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

Sincerely yours,

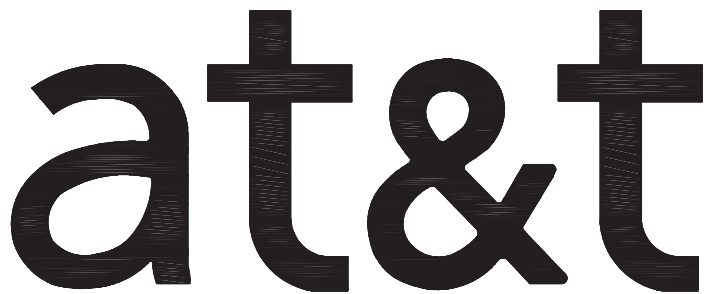
A handwritten signature in blue ink, appearing to read "Bill Hammett", with a stylized flourish at the end.

William F. Hammett, P.E.

dc

Enclosures

cc: Mr. Eric Lentz – BY E-MAIL LENTZPLANNING@GMAIL.COM
Ms. Lisa Nahmason – BY E-MAIL LNAHMANSON@PERMITME.NET



19TH & BROTHERHOOD WAY
1111 JUNIPERO SIERRA BLVD
SAN FRANCISCO, CA 94132
CNU5625 / CCL05625

INITIATIVE: LTE 3C AWS / LTE 5C 850

MRSFR027426

3701A03EX4

UMTS#: CNU5625

FA LOCATION#: 10100842

RFDS VER#: 4.00 2/23/2016

CNU5625 / CCL05625

1111 JUNIPERO SERRA BLVD
SAN FRANCISCO, CA 94132

△	DATE	DESCRIPTION	BY
	10/28/15	ZD 90%	D.G.
	01/11/16	ZD 100%	J.S.
	02/26/16	CLIENT REV	J.S.
	09/22/16	CLIENT REV	J.S.
	10/20/16	CLIENT REV	M.H.
	11/03/16	CLIENT REV	M.D.

CHECKED BY: L. HOUGHTBY

DATE: 11/03/18

VICINITY MAP

A map of the area around the site location. The site is marked with a red dot at the intersection of Junipero Serra Blvd and Shields St. A red arrow points from the text "SITE LOCATION" to this dot. The map shows several streets: Lake Merced Blvd, 19th Ave, Holloway Ave, Ocean Ave, Alemany Blvd, Mission St, John Daly Blvd, Brotherhood Way, Sargent St, Randolph St, Shields St, Capitol Ave, Plymouth Ave, Lakeview Ave, and Junipero Serra Blvd. A highway shield for 280 is also shown. A north arrow is located in the bottom right corner.

2013 CALIFORNIA ADMINISTRATIVE CODE, PART 1, TITLE 24 C.C.R.
2013 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R.
(2012 INTERNATIONAL BUILDING CODE VOLUMES 1-2 AND 2013 CALIFORNIA AMENDMENTS)
2013 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R.
(2011 NATIONAL ELECTRICAL CODE AND 2013 CALIFORNIA AMENDMENTS)
2013 CALIFORNIA MECHANICAL CODE (CMC) PART 4, TITLE 24 C.C.R.
(2012 UNIFORM MECHANICAL CODE AND 2013 CALIFORNIA AMENDMENTS)
2013 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R.
(2012 UNIFORM PLUMBING CODE AND 2013 CALIFORNIA AMENDMENTS)
2013 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 C.C.R.
2013 CITY OF SAN FRANCISCO FIRE CODE
(2012 INTERNATIONAL FIRE CODE AND 2013 CALIFORNIA AMENDMENTS)
2013 CALIFORNIA GREEN BUILDING STANDARDS CODE, PART 11, TITLE 24 C.C.R.
2013 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C.R.
ANSI/EIA-TIA-222-G

DISABLED ACCESS REQUIREMENTS

THIS FACILITY IS UNMANNED & NOT FOR HUMAN HABITATION. DISABLED ACCESS & REQUIREMENTS ARE NOT REQUIRED IN ACCORDANCE WITH CALIFORNIA STATE BUILDING CODE, TITLE 24 PART 2, SECTION 11B-203.4

DRIVING DIRECTIONS

FROM: 430 BUSH ST, SAN FRANCISCO, CA 94108
TO: 1111 JUNIPERO SERRA BLVD, SAN FRANCISCO, CA 94132

1. HEAD EAST ON BUSH ST TOWARD CLAUDE LN	0.1 MI
2. TURN RIGHT ONTO MONTGOMERY ST	0.2 MI
3. SLIGHT LEFT ONTO NEW MONTGOMERY ST	0.2 MI
4. TURN RIGHT ONTO HOWARD ST	0.3 MI
5. TURN LEFT ONTO 4TH ST	0.7 MI
6. TURN RIGHT ONTO KING ST	0.2 MI
7. CONTINUE ONTO I-280 S	6.4 MI
8. TAKE EXIT 50 FOR CA-82 N TOWARD CA-1 N SAN JOSE AVE	0.3 MI
9. MERGE ONTO CA-82 S SAN JOSE AVENUE	210 FT
10. SLIGHT RIGHT ONTO SAGAMORE ST	0.4 MI
11. SLIGHT RIGHT ONTO BROTHERHOOD WAY	0.4 MI
12. TAKE THE JUNIPERO SERRA BLVD N CA-1 N	0.2 MI
13. MERGE ONTO CA-1 N JUNIPERO SERRA BLVD	0.2 MI

END AT: 1111 JUNIPERO SERRA BLVD SAN FRANCISCO, CA 94132

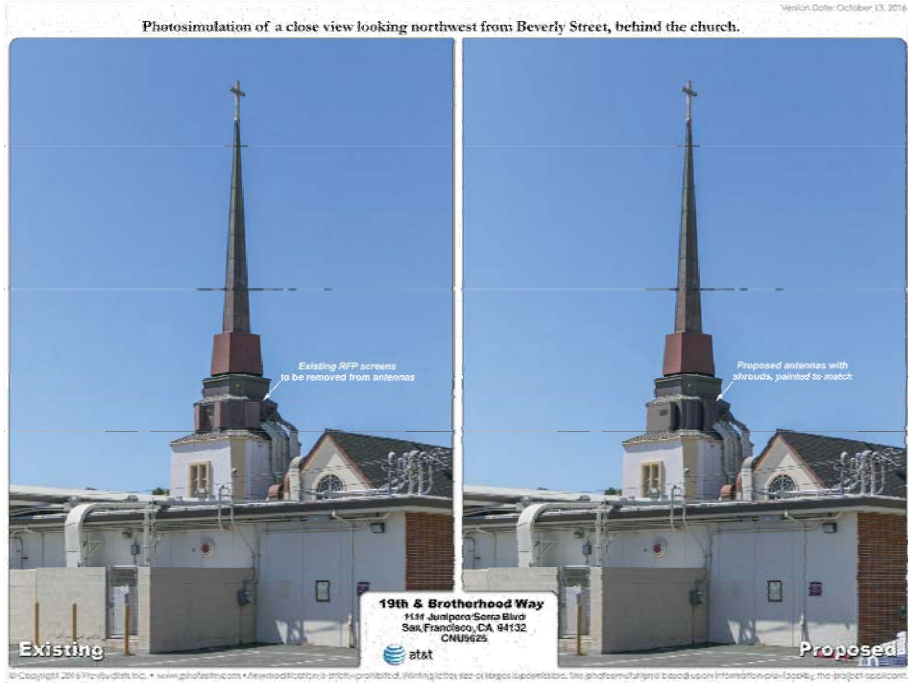
ESTIMATED TIME: 45 MINUTES ESTIMATED DISTANCE: 43.8 MILES

SHEET INDEX			APPROVAL
SHEET	DESCRIPTION	REV	
T-1	TITLE SHEET	—	RF
T-2	PHOTOSIMS	—	
A-1	SITE PLAN	—	LEASING
A-2	EQUIPMENT PLAN & DETAIL	—	
A-3	ANTENNA PLANS & DETAILS	—	ZONING
A-4	ELEVATION	—	
A-5	ELEVATION	—	CONSTRUCTION
A-6	ELEVATION	—	
A-7	ELEVATION	—	AT&T

A MODIFICATION TO AN (E) UNMANNED AT&T TELECOMMUNICATION FACILITY CONSISTING OF:

- INSTALLING (3) (P) AT&T ANTENNAS
- RELOCATING (1) (E) AT&T ANTENNA
- INSTALLING (3) (P) RRUS-11 UNITS W/ (3) (P) A2 MODULES @ ANTENNAS
- INSTALLING (1) (P) DCB SURGE SUPPRESSOR @ ANTENNAS
- INSTALLING (4) (P) FRP SCREENS IN BETWEEN ANTENNAS, SECTORS A&B
- INSTALLING (9) (P) ANTENNA SHROUDS, SECTORS A,B&C
- REMOVING (3) (E) FRP SCREENS, SECTORS A,B&C
- INSTALLING (3) (P) RRUS-11 UNITS @ EQUIPMENT
- INSTALLING (P) PURCELL CABINET
- INSTALLING (1) (P) DUS41 UNIT WITHIN (P) 6601 CHASSIS INSIDE (P) PURCELL CABINET

SITE NAME:	19TH & BROTHERHOOD WAY	SITE #:	CNU5625 / CCL05625
COUNTY:	SAN FRANCISCO	JURISDICTION:	CITY OF SAN FRANCISCO
BLOCK/LOT:	7080-024	POWER:	PG&E
SITE ADDRESS:	1111 JUNIPERO SERRA BLVD SAN FRANCISCO, CA 94132	TELEPHONE:	AT&T
CURRENT ZONING:	RH-1	LATITUDE:	N 37' 43" 03.298" NAD 83
CONSTRUCTION TYPE:	V	LONGITUDE:	W 122' 28' 19.689" NAD 83
OCCUPANCY TYPE:	U, (UNMANNED COMMUNICATIONS FACILITY)	AMSL:	±236'
HEIGHT/BULK:	40-X		
PROPERTY OWNER:	TEMPLE UNITED METHODIST CHURCH 1111 JUNIPERO SERRA BLVD SAN FRANCISCO, CA 94132 ATTN: GREG CUMMINGS (415) 337-6267		
APPLICANT:	AT&T 430 BUSH ST, 5TH FLOOR SAN FRANCISCO, CA 94108		
LEASING CONTACT:	ATTN: LORRIE BILLALON (510) 825-8889		
ZONING CONTACT:	ATTN: ERIC LENTZ (805) 895-4394		
CONSTRUCTION CONTACT:	ATTN: AARON McCLAIN (415) 361-8705		



19TH & BROTHERHOOD WAY

CNU5625 / CCL05625
1111 JUNIPERO SERRA BLVD
SAN FRANCISCO, CA 94132

ISSUE STATUS

Δ	DATE	DESCRIPTION	BY
	10/28/15	ZD 90%	D.G.
	01/11/16	ZD 100%	J.S.
	02/26/16	CLIENT REV	J.S.
	09/22/16	CLIENT REV	J.S.
	10/20/16	CLIENT REV	M.H.
	11/03/16	CLIENT REV	M.D.

DRAWN BY: D. GARCIA

CHECKED BY: L. HOUGHTBY

APPROVED BY: -

DATE: 11/03/16

Streamline Engineering and Design, Inc.

8445 Sierra College Blvd, Suite E Granite Bay, CA 95746
Contact: Larry Houghtby Phone: 916-275-4180
E-Mail: larry@streamlineeng.com Fax: 916-660-1941

THESE PLANS AND SPECIFICATIONS ARE INSTRUMENTS OF SERVICE AND SHALL REMAIN THE PROPERTY OF STREAMLINE ENGINEERING AND DESIGN, INC. NO PART OF THE PROJECTS FOR WHICH THEY ARE MADE ARE TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN CONSENT OF THE ENGINEER. COPYRIGHT © 2006, STREAMLINE ENGINEERING AND DESIGN, INC. ALL RIGHTS RESERVED.

PRELIMINARY:
NOT FOR
CONSTRUCTION

KEVIN R. SORENSEN
S4469

at&t



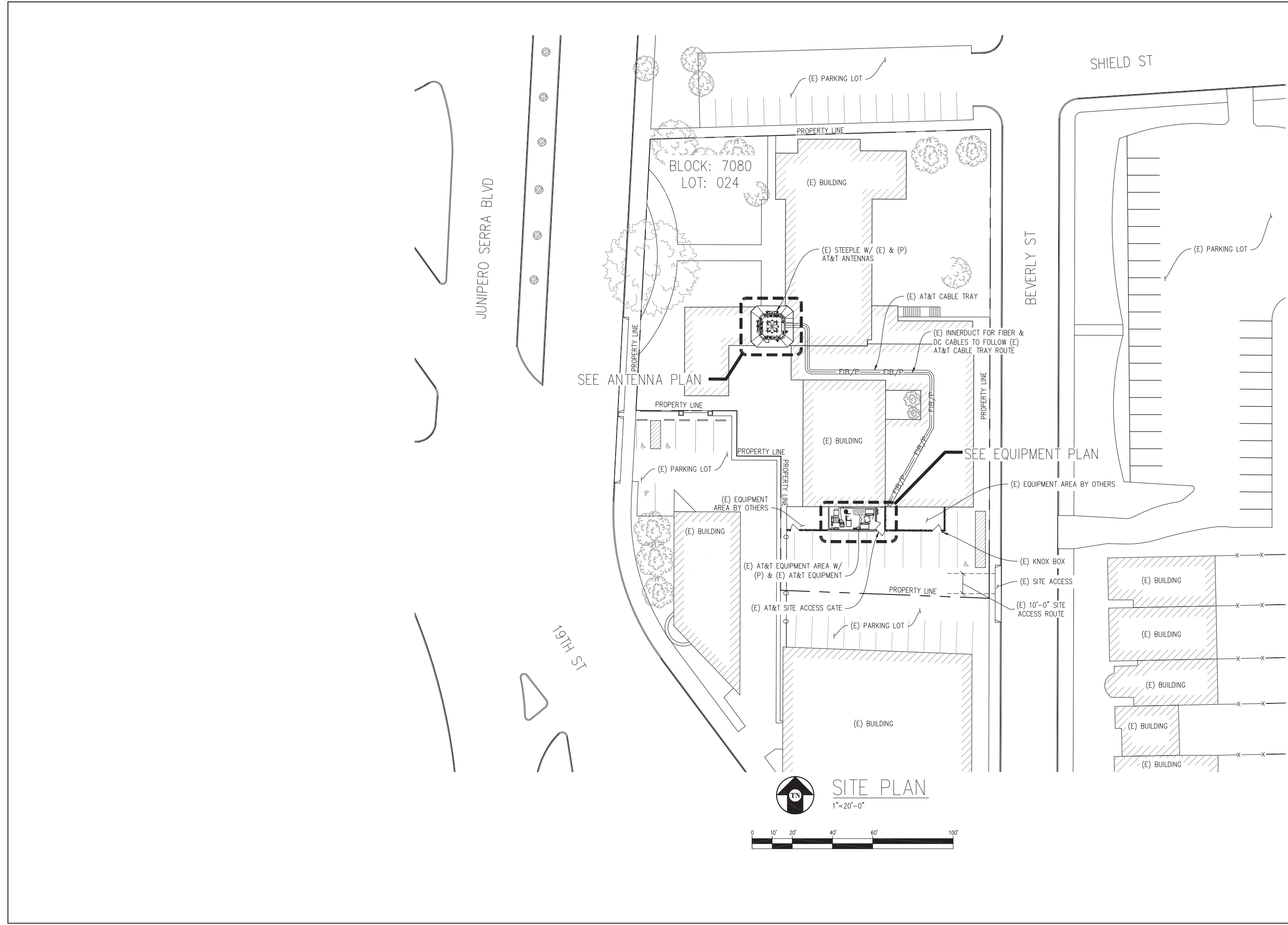
430 BUSH ST., 5TH FLOOR
SAN FRANCISCO, CA 94108

SHEET TITLE:

PHOTOSIMS

SHEET NUMBER:

T-2



19TH &
BROTHERHOOD
WAY

CNU5625 / CCL05625
1111 JUNIPERO SERRA BLVD
SAN FRANCISCO, CA 94132

ISSUE STATUS

Δ	DATE	DESCRIPTION	BY
	10/28/15	ZD 90%	D.G.
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	11/03/16	CLIENT REV	M.D.

DRAWN BY: D. GARCIA
CHECKED BY: L. HOUGHTBY
APPROVED BY: -
DATE: 11/03/16

Streamline Engineering and Design, Inc.

8445 Sierra College Blvd, Suite E Granite Bay, CA 95746
Contact: Larry Houghtby Phone: 916-275-4180
E-Mail: larry@streamlineeng.com Fax: 916-660-1941

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S4469

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

SHEET TITLE:

SITE PLAN

SHEET NUMBER:

A-1

19TH &
BROTHERHOOD
WAY

CNU5625 / CCL05625
1111 JUNIPERO SERRA BLVD
SAN FRANCISCO, CA 94132

ISSUE STATUS

Δ	DATE	DESCRIPTION	BY
	10/28/15	ZD 90%	D.G.
	01/11/16	ZD 100%	J.S.
	02/26/16	CLIENT REV	J.S.
	09/22/16	CLIENT REV	J.S.
	10/20/16	CLIENT REV	M.H.
	11/03/16	CLIENT REV	M.D.

DRAWN BY: D. GARCIA
CHECKED BY: L. HOUGHTBY
APPROVED BY: -
DATE: 11/03/16

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and Design, Inc.

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Contact: Larry Houghtby Phone: 916-275-4180
E-Mail: larry@streamlineeng.com Fax: 916-660-1941

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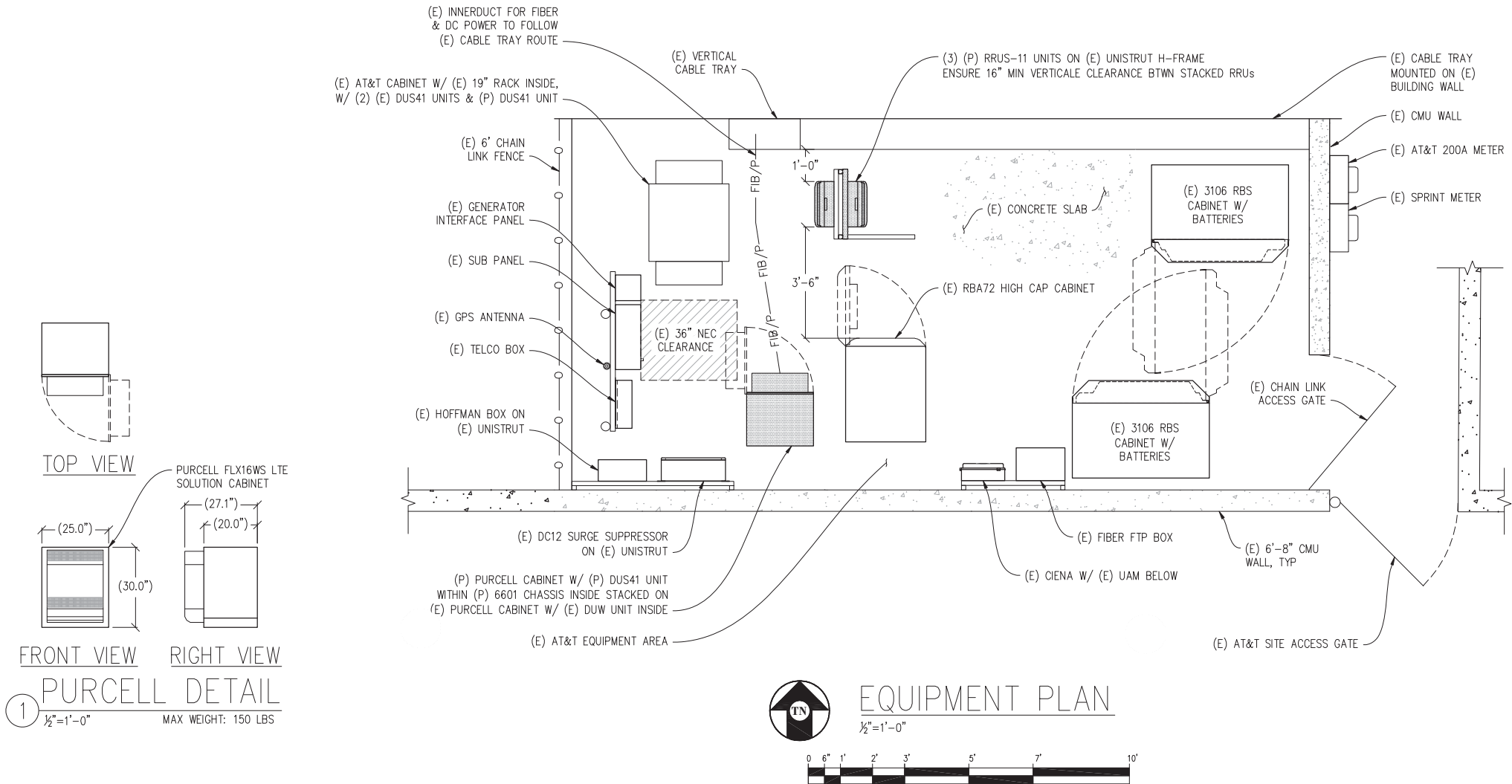
430 BUSH ST., 5TH FLOOR
SAN FRANCISCO, CA 94108

SHEET TITLE:

EQUIPMENT PLAN
& DETAIL

SHEET NUMBER:

A-2



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1111 JUNIPERO SERRA BLVD
SAN FRANCISCO, CA 94132

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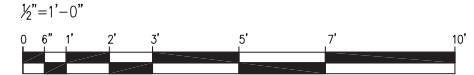
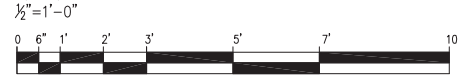
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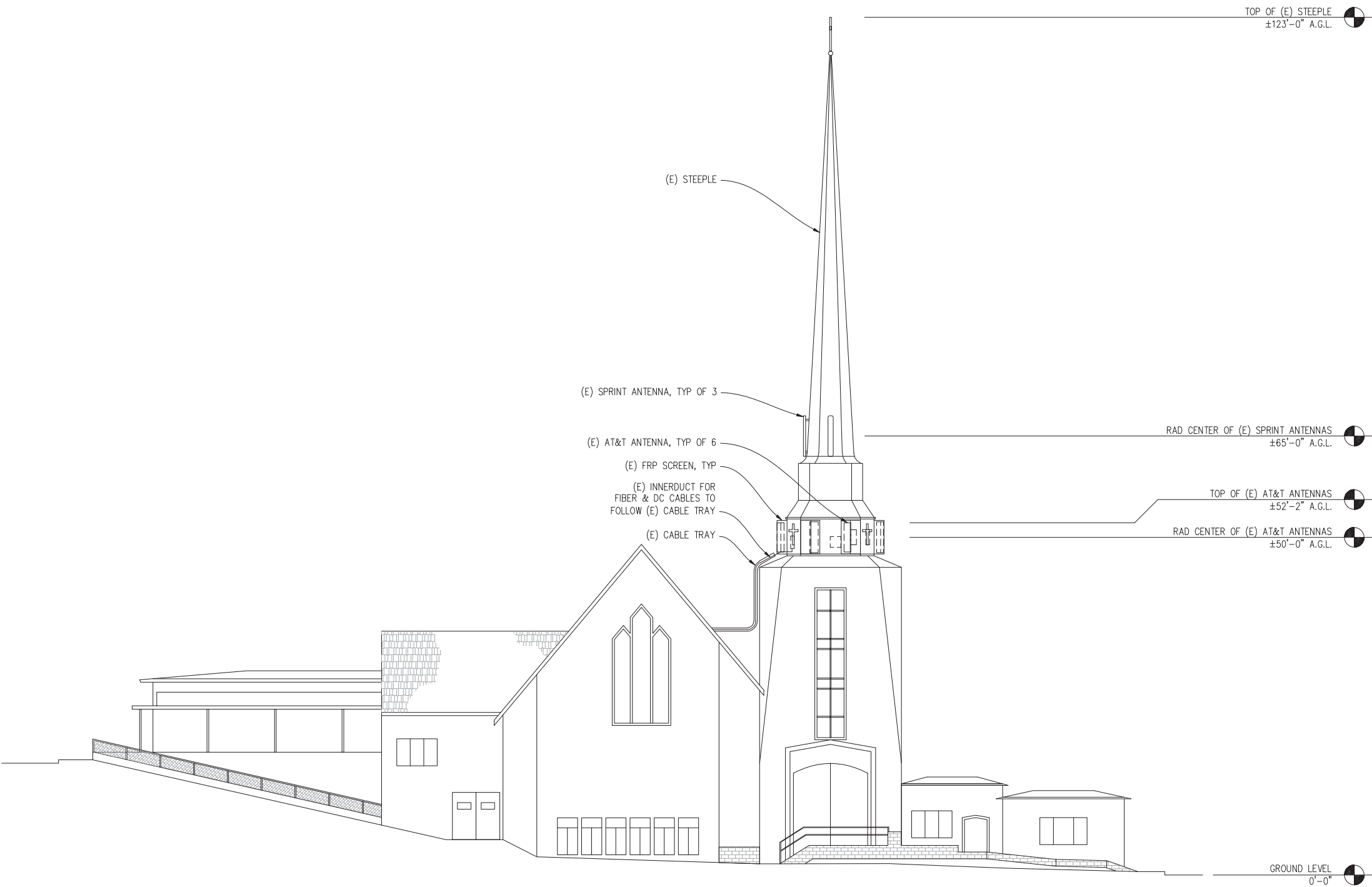
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A-3





(E) NORTH ELEVATION
1/8"=1'-0"

19TH &
BROTHERHOOD
WAY

CNU5625 / CCL05625
1111 JUNIPERO SERRA BLVD
SAN FRANCISCO, CA 94132

ISSUE STATUS

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	09/22/16	CLIENT REV	J.S.
	10/20/16	CLIENT REV	M.H.
	11/03/16	CLIENT REV	M.D.

DRAWN BY: D. GARCIA
CHECKED BY: L. HOUGHTBY
APPROVED BY: -
DATE: 11/03/16

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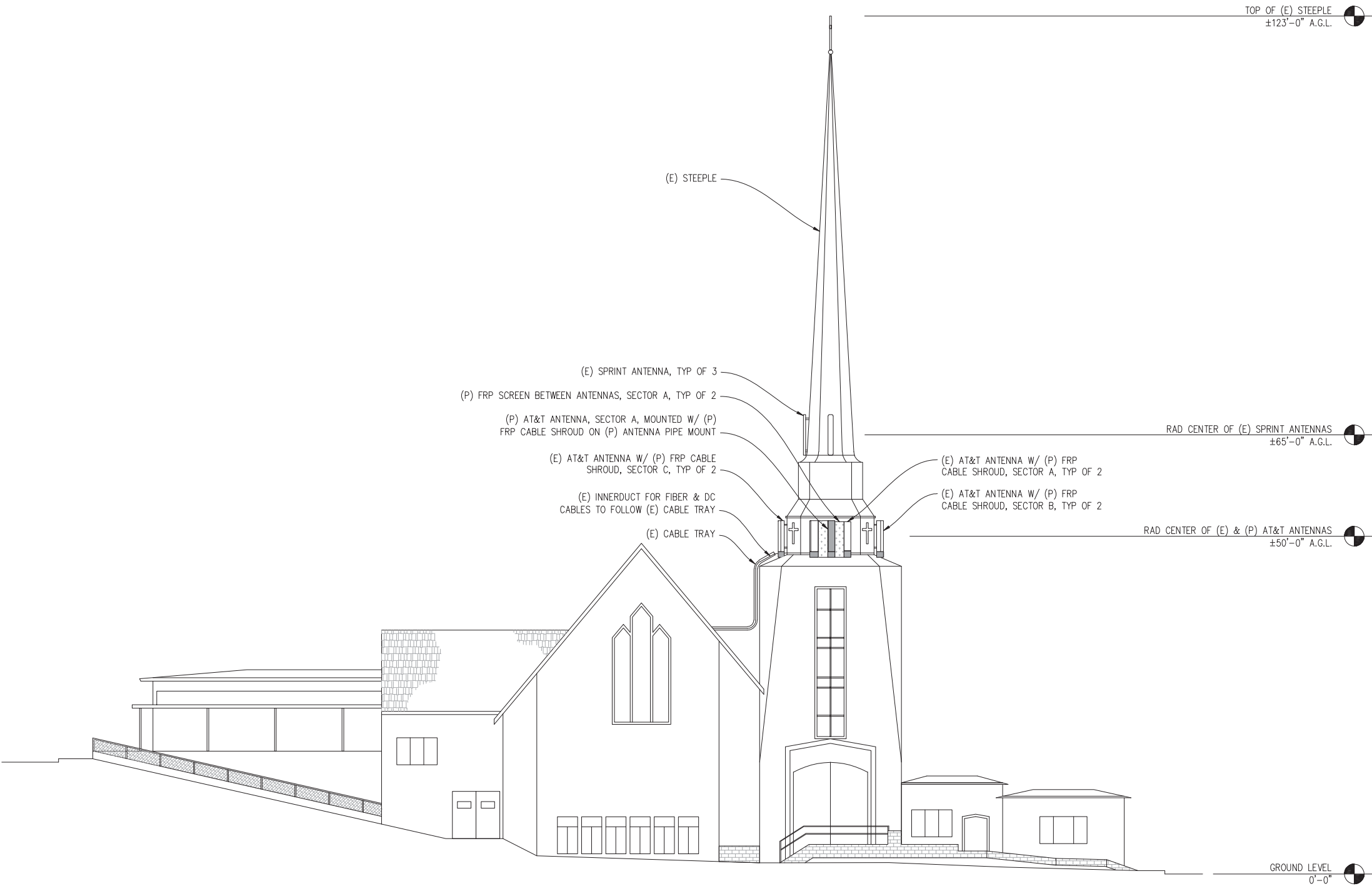
430 BUSH ST., 5TH FLOOR
SAN FRANCISCO, CA 94108

SHEET TITLE:

ELEVATION

SHEET NUMBER:

A-4



(P) NORTH ELEVATION
1/8"=1'-0"

19TH & BROTHERHOOD WAY

CNU5625 / CCL05625
1111 JUNIPERO SERRA BLVD
SAN FRANCISCO, CA 94132

ISSUE STATUS

Δ	DATE	DESCRIPTION	BY
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	09/22/16	CLIENT REV	J.S.
	10/20/16	CLIENT REV	M.H.
	11/03/16	CLIENT REV	M.D.

DRAWN BY: D. GARCIA
CHECKED BY: L. HOUGHTBY
APPROVED BY: -
DATE: 11/03/16



Streamline Engineering and Design, Inc.
8445 Sierra College Blvd, Suite E Granite Bay, CA 95746
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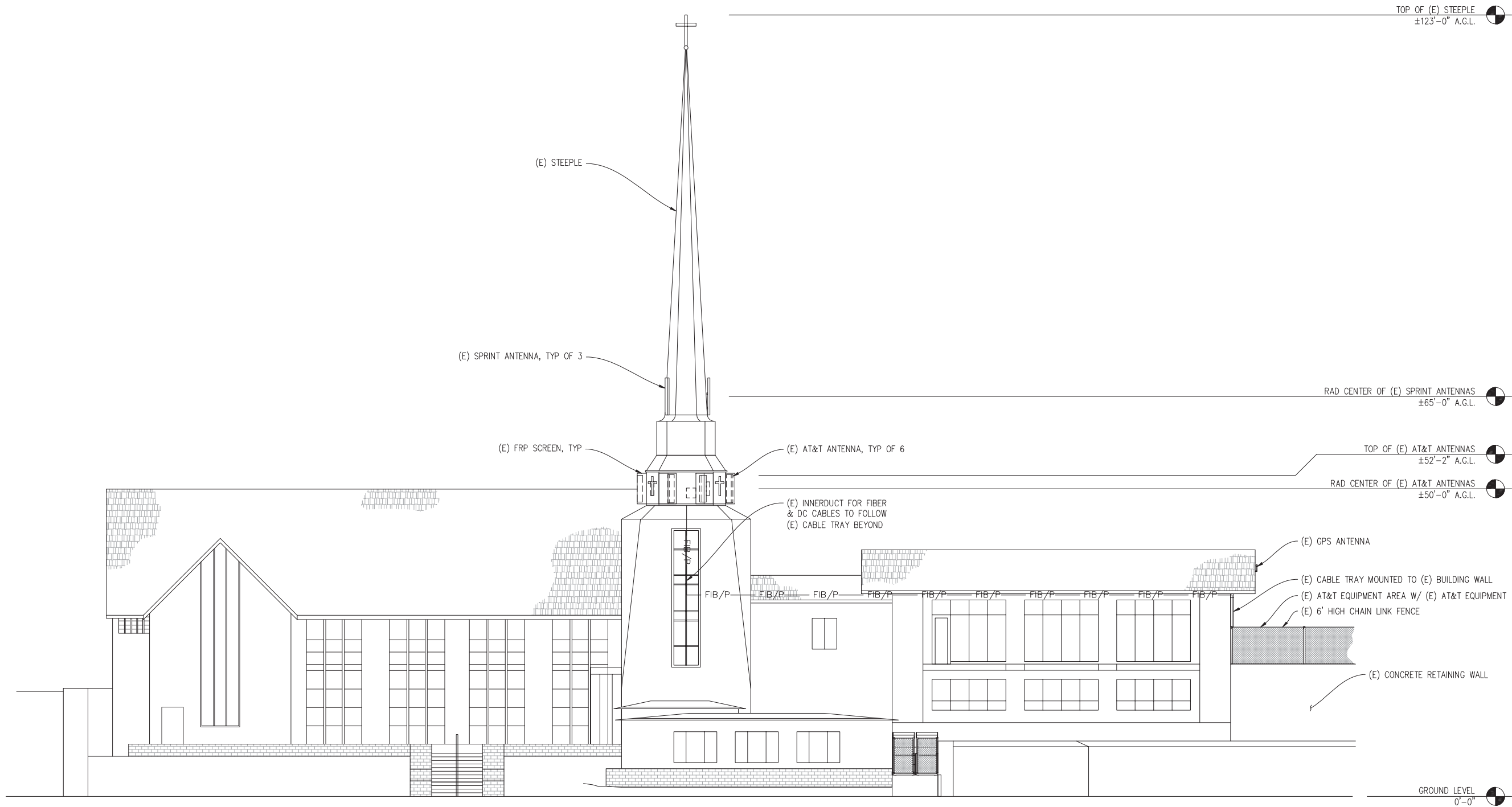
430 BUSH ST., 5TH FLOOR
SAN FRANCISCO, CA 94108

SHEET TITLE:

ELEVATION

SHEET NUMBER:

A-5



(E) WEST ELEVATION
1/8"=1'-0"

19TH &
BROTHERHOOD
WAY

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1111 JUNIPERO SERRA BLVD
SAN FRANCISCO, CA 94132

ISSUE STATUS

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	02/26/16	CLIENT REV	J.S.
	09/22/16	CLIENT REV	J.S.
	10/20/16	CLIENT REV	M.H.
	11/03/16	CLIENT REV	M.D.

DRAWN BY: D. GARCIA
CHECKED BY: L. HOUGHTBY
APPROVED BY: -
DATE: 11/03/16

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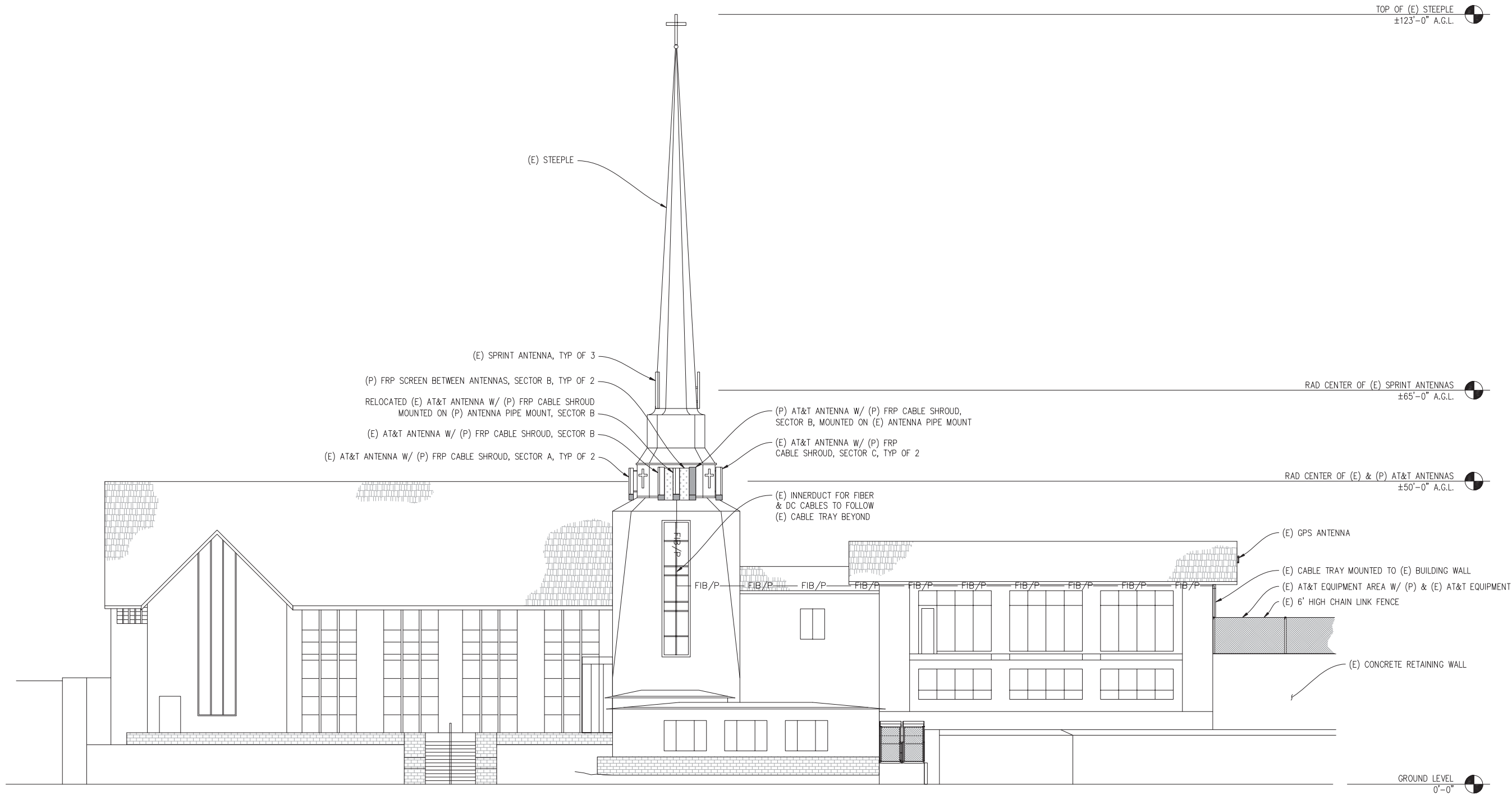
430 BUSH ST., 5TH FLOOR
SAN FRANCISCO, CA 94108

SHEET TITLE:

ELEVATION

SHEET NUMBER:

A-6



(P) WEST ELEVATION
1/8"=1'-0"

19TH &
BROTHERHOOD
WAY

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	09/22/16	CLIENT REV	J.S.
	10/20/16	CLIENT REV	M.H.
	11/03/16	CLIENT REV	M.D.

DRAWN BY: D. GARCIA

CHECKED BY: L. HOUGHTBY

APPROVED BY: -

DATE: 11/03/16

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SHEET TITLE:

ELEVATION

SHEET NUMBER:

A-7