

Executive Summary Conditional Use Authorization

HEARING DATE: JULY 25, 2019

Record No.:	2018-013387CUA
Project Address:	88 PERRY ST - AT&T Mobility WTS Facility New Site Build
Zoning:	CMUO (CENTRAL SOMA MIXED USE-OFFICE Zoning District)
	130-CS Height and Bulk District
	Central SoMa Special Use District
Block/Lot:	3763 / 116
Project Sponsor:	Misako Hill
	5001 Executive Parkway, 4W5501
	San Ramon, CA 94583
Property Owner:	YBC Development II LP
	88 Perry Street #500
	San Francisco, CA 94107
Staff Contact:	Ashley Lindsay – (415) 575-9178
	ashley.lindsay@sfgov.org
Recommendation:	Approval with Conditions

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

Reception: 415.558.6378

Fax: 415.558.6409

Planning Information: **415.558.6377**

PROJECT DESCRIPTION

The Project includes installation of a new AT&T Mobility macro wireless telecommunications facility consisting of sixteen (16) panel antennas screened behind FRP enclosures; installation of thirty-two (32) remote radio heads, one (1) GPS antenna; and ancillary equipment on the roof top of the existing subject building.

REQUIRED COMMISSION ACTION

In order for the Project to proceed, the Commission must grant a Conditional Use Authorization, pursuant to Planning Code Sections 848 and 303 to allow operation of a wireless telecommunication facility within the CMUO Zoning District.

ISSUES AND OTHER CONSIDERATIONS

• **Public Comment & Outreach.** The Project Sponsor held a Pre-Application Meeting at Bay Club SF Tennis – 645 5th Street on Monday, May 21, 2018 from 6:00PM – 7:30PM. Two community members attended. The topics of discussion included site selection, technology, and permitting requirements. The Department has not received correspondence from the public regarding the proposed project.

ENVIRONMENTAL REVIEW

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

BASIS FOR RECOMMENDATION

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

ATTACHMENTS:

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



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Planning Commission Draft Motion

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ADOPTING FINDINGS RELATING TO A CONDITIONAL USE AUTHORIZATION, PURSUANT TO PLANNING CODE SECTIONS 303 AND 848, TO INSTALL A NEW AT&T MOBILITY MACRO WIRELESS TELECOMMUNICATIONS FACILITY CONSISTING OF SIXTEEN (16) PANEL ANTENNAS SCREENED BEHIND FRP ENCLOSURES; INSTALLATION OF THIRTY-TWO (32) REMOTE RADIO HEADS, ONE (1) GPS ANTENNA; AND ANCILLARY EQUIPMENT. THE SUBJECT PROPERTY IS LOCATED AT 88 PERRY STREET, LOTS 116 IN ASSESSOR'S BLOCK 3763, WITHIN THE CMUO (CENTRAL SOMA-MIXED USE OFFICE), AND 130-CS HEIGHT AND BULK DISTRICT, AND ADOPTING FINDINGS UNDER THE CALIFORNIA ENVIRONMENTAL QUALITY ACT.

PREAMBLE

On October 10, 2018, Misako Hill of J5 Infrastructure Partners (hereinafter "Project Sponsor") filed Application No. 2018-013387CUA (hereinafter "Application") with the Planning Department (hereinafter "Department") for a Conditional Use Authorization to construct a new telecommunications facility (hereinafter "Project") at 88 PERRY ST - AT&T Mobility WTS Facility New Site Build, Block 3639 Lots 116 (hereinafter "Project Site").

On July 25, 2019, the San Francisco Planning Commission (hereinafter "Commission") conducted a duly noticed public hearing at a regularly scheduled meeting on Conditional Use Authorization Application No. 2018-013387CUA.

On July 1, 2019 the Project was determined to be exempt from the California Environmental Quality Act ("CEQA") as a Class 1 Categorical Exemption under CEQA as described in the determination contained in the Planning Department files for this Project.

The Planning Department Commission Secretary is the custodian of records; the File for Record No. 2018-013387CUA is located at 1650 Mission Street, Suite 400, San Francisco, California.

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

MOVED, that the Commission hereby authorizes the Conditional Use Authorization as requested in Application No. 2018-013387CUA, subject to the conditions contained in "EXHIBIT A" of this motion, based on the following findings:

FINDINGS

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

- 1. The above recitals are accurate and constitute findings of this Commission.
- 2. **Project Description.** The Project includes installation of a new AT&T Mobility macro wireless telecommunications facility consisting of sixteen (16) panel antennas screened behind FRP enclosures; installation of thirty-two (32) remote radio heads, one (1) GPS antenna; and ancillary equipment on the roof top of the existing subject building.
- 3. **Site Description and Present Use.** The Project is located on one lot which has approximately 160-ft of frontage along 3rd Street, 77 -ft of frontage along Harrison Street, and 4217-ft of frontage along Perry Street. The Project Site contains residential use.
- 4. **Surrounding Properties and Neighborhood.** The Project Site is located within the CMUO Zoning District in the East SoMa and Central SoMa Area Plans. The immediate context is mixed in character with residential, office, retail, light industrial, arts activities, nighttime entertainment, and tourist hotel uses. The immediate neighborhood includes the Interstate 80 to the southwest, one-to-two story light industrial development to the southeast, northeast, and northwest.
- 5. Public Outreach and Comments. The Project Sponsor held a Pre-Application Meeting at Bay Club SF Tennis 645 5th Street on Monday, May 21, 2018 from 6:00PM 7:30PM. Two community members attended. The topics of discussion included site selection, technology, and permitting requirements. The Department has not received correspondence from the public regarding the proposed project.

6. **Past History and Actions.** The Planning Commission adopted the *Wireless Telecommunications Services (WTS) Facilities Siting Guidelines (*"Guidelines") for the installation of wireless telecommunications facilities in 1996. These Guidelines set forth the land use policies and practices that guide the installation and approval of wireless facilities throughout San Francisco. A large portion of the Guidelines was dedicated to establishing location preferences for these installations. The Board of Supervisors, in Resolution No. 635-96, provided input as to where wireless facilities should be located within San Francisco. The Guidelines were updated by the Commission in 2003 and again in 2012, requiring community outreach, notification, and detailed information about the facilities to be installed.

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

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

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

Before the Planning Commission can review an application to install a wireless facility, the Project Sponsor must submit a five-year facilities plan, which must be updated biannually, an emissions report and approval by the Department of Public Health, Section 106 Declaration of Intent, an independent evaluation verifying coverage and capacity, a submittal checklist and details about the facilities to be installed.

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

- 7. Location Preference. The *WTS Facilities Siting Guidelines* identify different types of zoning districts and building uses for the siting of wireless telecommunications facilities. Based on the zoning and land use, the proposed WTS facility is at a Location Preference 2 Site (Co-Location Site) according to the WTS Facilities Siting Guidelines, making it a desired location.
- 8. **Radio Waves Range.** The Project Sponsor has stated that the proposed wireless network is designed to address coverage and capacity needs in the area. The network will operate in the AWS, PCS, and 700 (MHZ) bands, which are regulated by the Federal Communications Commission (FCC) and must comply with the FCC-adopted health and safety standards for electromagnetic radiation and radio frequency radiation.
- 9. **Radiofrequency (RF) Emissions:** The Project Sponsor retained Hammett and Edison, Inc, a radio engineering consulting firm, to prepare a report describing the expected RF emissions from the proposed facility. Pursuant to the Guidelines, the Department of Public Health reviewed the report and determined that the proposed facility complies with the standards set forth in the Guidelines.
- 10. **Department of Public Health Review and Approval.** The Project was referred to the Department of Public Health (DPH) for emissions exposure analysis. Radio-Frequency (RF) levels from the proposed AT&T Mobility transmitters at any nearby publicly accessible building or area would 31% of the FCC public exposure limit.

There are 9 antennas existing operated by Verizon Wireless installed on the roof top of the building at 401 3rd St. Existing RF levels at ground level were around 1% of the FCC public exposure limit. No other antennas were observed within 100 feet of this site. AT&T Wireless proposes to install 16 new antennas. The antennas are mounted at a height of 68.5 - 85 feet above the ground and 7.5 - 10 feet above the roof. The estimated ambient RF field from the proposed AT&T Wireless transmitters at ground level is calculated to be 0.099 mW/sq cm., which is 17% of the FCC public exposure limit. The three dimensional perimeter of RF levels equal to the public exposure limit extends 89 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 38 feet of the front of the antennas while they are in operation. Install physical barriers as shown in figure 1 of the RF report. "Worker Notification Area" shall be marked with yellow paint stripes and a "Prohibited Access Area" shall be marked with red paint stripes on the roof ledge, as shown in Figure 1 of the RF report, to identify areas within which exposure levels are calculated to exceed the FCC public and occupational limits.

11. **Coverage and Capacity Verification.** The maps, data, and conclusion provided by AT&T Mobility to demonstrate the need for outdoor and indoor coverage and capacity have been determined by Hammett and Edison, Inc, an engineering consultant and independent third party, to accurately represent the carrier's present and post-installation conclusions.

- 12. **Maintenance Schedule**. The facility would operate without on-site staff but with a maintenance crew visiting the property to service and monitor the facility.
- 13. **Planning Code Compliance.** The Commission finds that the Project is consistent with the relevant provisions of the Planning Code in the following manner:
 - A. **Use.** Per Planning Code Section 848, a Conditional Use Authorization is required for a macro WTS facility (Utility and Infrastructure Use).
- 14. **Conditional Use Findings.** Planning Code Section 303 establishes criteria for the Planning Commission to consider when reviewing applications for Conditional Use authorization. On balance, the project complies with said criteria in that:
 - A. The proposed new uses and building, at the size and intensity contemplated and at the proposed location, will provide a development that is necessary or desirable, and compatible with, the neighborhood or the community.

The Project at 88 Perry Street is generally desirable and compatible with the surrounding neighborhood because the Project will not conflict with the existing uses of the property and will be designed to be compatible with the surrounding neighborhood. The overall location, setback from public streets, height and design of the proposed facility, including visible screening elements is situated so as to avoid intrusion into public vistas, and to insure harmony with the existing neighborhood character and promote public safety.

The Project is necessary in order to achieve sufficient 4G LTE mobile phone coverage and data capacity. Recent drive tests in the subject area conducted by the AT&T Mobility Radio Frequency Engineering Team provide that the Project Site is a preferable location, based on factors including quality of coverage and aesthetics.

- B. The proposed project will not be detrimental to the health, safety, convenience or general welfare of persons residing or working in the vicinity. There are no features of the project that could be detrimental to the health, safety or convenience of those residing or working the area, in that:
 - (1) Nature of proposed site, including its size and shape, and the proposed size, shape and arrangement of structures;

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

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

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

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

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

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

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

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

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

D. That the use as proposed would provide development that is in conformity with the purpose of the applicable Neighborhood Commercial District.

The proposed project is consistent with the stated purposed of CMUO District in that the facility will be consistent with the existing scale and character of the area.

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

HOUSING ELEMENT

Objectives and Policies

OBJECTIVE 12:

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

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Policy 12.3:

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

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

COMMERCE AND INDUSTRY ELEMENT

Objectives and Policies

OBJECTIVE 1:

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

Policy 1.1:

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

Policy 1.2:

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

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

OBJECTIVE 2:

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

Policy 2.1:

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

Policy 2.3:

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

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

OBJECTIVE 4:

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

Policy 4.1:

Maintain and enhance a favorable business climate in the City.

Policy 4.2:

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

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

VISITOR TRADE

OBJECTIVE 8:

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

Policy 8.3:

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

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

COMMUNITY SAFETY ELEMENT

Objectives and Policies

OBJECTIVE 3:

ESTABLISH STRATEGIES TO ADDRESS THE IMMEDIATE EFFECTS OF A DISASTER.

Policy 1.20

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

Policy 2.4

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

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Policy 2.15

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

Policy 3.7:

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

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

- 16. **Planning Code Section 101.1(b)** establishes eight priority-planning policies and requires review of permits for consistency with said policies. On balance, the project complies with said policies in that:
 - A. That existing neighborhood-serving retail uses be preserved and enhanced and future opportunities for resident employment in and ownership of such businesses be enhanced.

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

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

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

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

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

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

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

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

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

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

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

G. That landmarks and historic buildings be preserved.

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

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

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

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

DECISION

That based upon the Record, the submissions by the Applicant, the staff of the Department and other interested parties, the oral testimony presented to this Commission at the public hearings, and all other written materials submitted by all parties, the Commission hereby **APPROVES Conditional Use Authorization Application No. 2018-013387CUA** subject to the following conditions attached hereto as "EXHIBIT A" in general conformance with plans on file, dated May 21, 2019, and stamped "EXHIBIT B", which is incorporated herein by reference as though fully set forth.

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

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

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

I hereby certify that the Planning Commission ADOPTED the foregoing Motion on July 25, 2019.

Jonas P. Ionin Commission Secretary

AYES:

NAYS:

ABSENT:

SAN FRANCISCO PLANNING DEPARTMENT

ADOPTED: July 25, 2019

EXHIBIT A

AUTHORIZATION

This authorization is for a conditional use to allow a wireless telecommunications facility(d.b.a. AT&T Mobility) located at 88 Perry Street, Block 3763, and Lot 116 pursuant to Planning Code Section(s) 848 and 303 within the CMUO District and a 130-CS Height and Bulk District; in general conformance with plans, dated May 21, 2019, and stamped "EXHIBIT B" included in the docket for Record No. 2018-013387CUA and subject to conditions of approval reviewed and approved by the Commission on July 25, 2019 under Motion No XXXXXX. This authorization and the conditions contained herein run with the property and not with a particular Project Sponsor, business, or operator.

RECORDATION OF CONDITIONS OF APPROVAL

Prior to the issuance of the building permit or commencement of use for the Project the Zoning Administrator shall approve and order the recordation of a Notice in the Official Records of the Recorder of the City and County of San Francisco for the subject property. This Notice shall state that the project is subject to the conditions of approval contained herein and reviewed and approved by the Planning Commission on **July 25, 2019** under Motion No **XXXXXX**.

PRINTING OF CONDITIONS OF APPROVAL ON PLANS

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

SEVERABILITY

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

CHANGES AND MODIFICATIONS

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

Conditions of Approval, Compliance, Monitoring, and Reporting PERFORMANCE

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

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

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, <u>www.sf-planning.org</u>

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

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

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

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

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

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

DESIGN – COMPLIANCE AT PLAN STAGE

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

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

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

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

- 8. **Plan Drawings WTS**. Prior to the issuance of any building or electrical permits for the installation of the facilities, the Project Sponsor shall submit final scaled drawings for review and approval by the Planning Department ("Plan Drawings"). The Plan Drawings shall describe:
 - A. Structure and Siting. Identify all facility related support and protection measures to be installed. This includes, but is not limited to, the location(s) and method(s) of placement, support, protection, screening, paint and/or other treatments of the antennas and other appurtenances to insure public safety, insure compatibility with urban design, architectural and historic preservation principles, and harmony with neighborhood character.
 - B. For the Project Site, regardless of the ownership of the existing facilities. Identify the location of all existing antennas and facilities; and identify the location of all approved (but not installed) antennas and facilities.
 - C. Emissions. Provide a report, subject to approval of the Zoning Administrator, that operation of the facilities in addition to ambient RF emission levels will not exceed adopted FCC standards with regard to human exposure in uncontrolled areas.

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

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

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

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

MONITORING - AFTER ENTITLEMENT

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

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

12. **Implementation Costs - WTS**. The Project Sponsor, on an equitable basis with other WTS providers, shall pay the cost of preparing and adopting appropriate General Plan policies related

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

OPERATION

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

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

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

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

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

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

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

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

- 23. **Transfer of Operation WTS**. Any carrier/provider authorized by the Zoning Administrator or by the Planning Commission to operate a specific WTS installation may assign the operation of the facility to another carrier licensed by the FCC for that radio frequency provided that such transfer is made known to the Zoning Administrator in advance of such operation, and all conditions of approval for the subject installation are carried out by the new carrier/provider. *For information about compliance, contact Code Enforcement, Planning Department at* 415-575-6863, *www.sf-planning.org*
- 24. Compatibility with City Emergency Services WTS. The facility shall not be operated or caused to transmit on or adjacent to any radio frequencies licensed to the City for emergency telecommunication services such that the City's emergency telecommunications system experiences interference, unless prior approval for such has been granted in writing by the City. *For information about compliance, contact the Department of Technology*, 415-581-4000, <u>http://sfgov3.org/index.aspx?page=1421</u>



SITE NUMBER: SITE NAME: SITE TYPE: ADDRESS:

DIGALERT

800-227-2600

CCL03235 RSFR NSB CCL03235 - 2ND AND HARRISON ROOFTOP / SHELTER 401 3RD ST. SAN FRANCISCO, CA 94107

PROJECT TEAM	VICINITY MAP	CODE COMPLIANCE	
APPLICANT / LESSEE: ALYSSA FERRIS. AT&T 5001 EXECUTIVE PARKWAY, 4W5501 SAN RAMON, CA 94583 PHONE: (530) 966-2612 EMAIL: alyssa.brandtman@att.com CONSTRUCTION MANAGER: STEVE KNAPPE NSB CONSTRUCTION MANAGER VINCULUMS SERVICES, LLC PHONE: (916) 502-5988 EMAIL: sknappe@vinculums.com PROJECT MANAGER: J5 INFRASTRUCTURE PARTNERS CONTACT: MISAKO HILL EMAIL: mhill@j5ip.com PHONE: (415) 533-2540 ARCHITECT / ENGINEERING & SURVEYING CONTACT: ROGER FLORES EMAIL: Toger@zolzali.com PHONE: (914) 257-0096x109 PHONE: (914) 257-005x109 EMAIL: clindstrand@j5ip.com	Blans s Bans voin	 ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES. 1) 2016 CALIFORNIA ADMINISTRATIVE CODE, CHAPTER 10, PART 1, TITLE 24 CODE OF REGULATIONS 2) 2016 CALIFORNIA BUILDING CODE (CBC) 3) 2016 CALIFORNIA RESIDENTIAL CODE (CRC) WITH APPENDIX H, PATIO COVERS, BASED ON THE 2012 IRC (PART 2.5) 4) 2016 CALIFORNIA GREEN BUILDINGS STANDARDS CODE (CALGREEN) (PART 11) (AFFECTED ENERGY PROVISIONS ONLY) 5) 2016 CALIFORNIA FIRE CODE (CFC), BASED ON THE 2012 IFC, WITH CALIFORNIA AMENDMENTS (PART 9) 6) 2016 CALIFORNIA MECHANICAL CODE (CMC), BASED ON THE 2012 UMC (PART 4) 7) 2016 CALIFORNIA PLUMBING CODE (CPC), BASED ON THE 2012 UMC (PART 4) 7) 2016 CALIFORNIA PLUMBING CODE (CPC), BASED ON THE 2012 UMC (PART 5) 8) 2016 CALIFORNIA ELECTRICAL CODE (CEC) WITH CALIFORNIA AMENDMENTS, BASED ON THE 2011 NEC (PART 3) 9) 2016 CALIFORNIA ENERGY CODE (CEC)- PART 6 10) ANSI / EIA-TIA-222-G 11) 2016 NFPA 10, LIFE SAFETY CODE 12) 2016 NFPA 13, FIRE SPRINKLER CODE 	T-1 TITLI T-2 PHC T-3 EME C-1 SUR C-2 SUR A-1 EXIS A-1.1 PRC A-2 ROC A-3 EQL A-4 ANI A-5 ELEV A-6 ELEV A-7 ELEV A-1 DET
SITE INFORMATION	GENERAL CONTRACTOR NOTES	DRIVING DIRECTIONS	F
PROPERTY OWNER: YBC DEVELOPMENT II LP 88 PERPY ST #500 SAN FRANCISCO, CA 94107 JURISDICTION: CITY OF SAN FRANCISCO A.P.N: 3763-116 CURRENT ZONING: MUO-MIXED USE OFFICE EXISTING USE: MULTIUSE PROPOSED USE: MULTIUSE, COMMUNICATIONS FACILITY?? LATITUDE (NAD 83): 37.7826890 37° 46' 57.6804" N LONGITUDE (NAD 83): -122.3970030 122° 23' 49.2108" W ACCESSIBILITY REQUIREMENTS: FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. ACCESSIBILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. ACCESSIBILITY IS NOT REQUIRED PER CBC2016, SECTION 11B-203.4 (LIMITED ACCESS SPACE) POWER AGENCY: PG&E TELEPHONE AGENCY: RFDS VERSION: 3.00 AT&T DATE UPDATED: 2/08/19	DO NOT SCALE DRAWINGS THESE PLANS ARE FORMATTED TO BE FULL SIZE AT 24" X 36". CONTRACTORS SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE ARCHITECT/ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR MATERIAL ORDERS OR BE RESPONSIBLE FOR THE SAME. THE FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. A TECHNICIAN WILL VISIT THE SITE AS REQUIRED FOR ROUTINE MAINTENANCE. THE PROJECT WILL NOT RESULT IN ANY SIGNIFICANT DISTURBANCE OR EFFECT ON DRAINAGE; NO SANITARY SEWER SERVICE, POTABLE WATER, OR TRASH DISPOSAL IS REQUIRED AND NO COMMERCIAL SIGNAGE IS PROPOSED. STRUCTURAL ANALYSIS IS NOT WITHIN THE SCOPE OF WORK CONTAINED IN THIS DRAWINGS SET. FOR ANALYSIS OF EXISTING AND/OR PROPOSED COMPONENTS, REFER TO STRUCTURAL ANALYSIS PROVIDED UNDER SEPARATE COVER. ANTENNA MOUNT ANALYSIS IS NOT WITHIN THE SCOPE OF WORK CONTAINED IN THIS DRAWING SET. FOR ANALYSIS OF MOUNT TO SUPPORT EXISTING AND/OR PROPOSED COMPONENTS, REFER TO STRUCTURAL ANALYSIS FOR VIDED UNDER SEPARATE COVER.	 5001 Executive Pkwy, San Ramon, CA 94583 Depart Executive Pkwy toward Camino Ramon Turn right onto Camino Ramon Turn right onto Bollinger Canyon Rd Take ramp right for L-680 North toward Sacramento Take ramp right for CA-24 toward Lafayette / Oakland Take ramp right for L-580 West toward Sacramento / San Francisco Take ramp left for L-80 West toward San Francisco Keep right onto L-80 W TAKE EXIT 28 TOWARD HARRISON ST/EMBARCADERO TURN LEFT ONTO HARRISON ST TURN LEFT ONTO STILL ST TURN RIGHT AT THE 1ST CROSS STREET ONTO 3RD ST 401 3RD ST, SAN FRANCISCO, CA 94107 	INSTALLATION FACILITY, CON ANTENNA SOV • INSTA • INSTA









Statement of Hammett & Edison, Inc., Consulting Engineers

The firm of Hammett & Edison, Inc., Consulting Engineers, has been retained on behalf of AT&T Mobility, a personal wireless telecommunications carrier, to evaluate the base station (Site No. CCL03235) proposed to be located at 401 Third Street in San Francisco, California, for compliance with appropriate guidelines limiting human exposure to radio frequency ("RF") electromagnetic fields.

Background

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

Transmit Frequency	"Uncontrolled" Public Limit	Occupational Limit (5 times Public)
1-80 GHz	1.0 mW/cm2	5.0 mW/cm2
24-47	1.0	5.0
2-6	1.0	5.0
2,490 MHz	1.0	5.0
2,305	1.0	5.0
2,110	1.0	5.0
1,930	1.0	5.0
869	0.58	2.9
854	0.57	2.85
716	0.48	2.4
30-300	0.20	1.0
	Transmit Frequency 1-80 GHz 24-47 2-6 2,490 MHz 2,305 2,110 1,930 869 854 716 30-300	Transmit "Uncontrolled" Frequency Public Limit 1-80 GHz 1.0 mW/cm ² 24-47 1.0 2-6 1.0 2,305 1.0 2,100 1.0 2,305 1.0 2,100 1.0 1,930 1.0 869 0.58 854 0.57 716 0.48 30–300 0.20

Checklist

Reference has been made to information provided by AT&T, including zoning drawings by All States Engineering & Surveying, dated May 8, 2019. It should be noted that the calculation results in this Statement include several "worst-case" assumptions and therefore are expected to overstate actual power density levels from the proposed operation

1. The location, identity, and total number of all operational radiating antennas installed at this site. There are reported no wireless base stations installed at the six-story mixed-use building located at 401 Third Street in San Francisco.

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

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

HAMMETT & EDISON, INC.

AT&T Mobility • Proposed Base Station (Site No. CCL03235) 401 Third Street • San Francisco, Californ FA No. 13205277, USID No. 203433, PA No. 3701A0DMAV

roof access door, at the barricades, at outer edges of the red striping, on the screens in front of the antennas, and at the back of the antennas, readily visible from any angle of approach to persons who might need to work within that distance. Similar measures have been recommended to Verizon.

11. Statement of authorship and qualification.

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

Conclusion

Based on the information and analysis above, it is the undersigned's professional opinion that operation of the base station proposed by AT&T Mobility at 401 Third Street in San Francisco, California, can comply with the prevailing standards for limiting human exposure to radio frequency energy and, therefore, need not for this reason cause a significant impact on the environment. The highest calculated level in publicly accessible areas is much less than the prevailing standards allow for exposures of unlimited duration. This finding is consistent with measurements of actual exposure conditions taken at other operating base stations. Erecting barricades is recommended to establish compliance with public exposure limits; training authorized personnel, marking roof areas, and posting explanatory signs are recommended to establish compliance with occupational exposure limits



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

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

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

AT&T proposes to install sixteen CCI Model OPA65R-BU4DA directional panel antennas in groups of four above the roof of the six-story mixed-use building. The first group would be mounted within a view screen enclosure to be constructed south of the penthouse on the north side of the building at an effective height of about 77 feet above ground, 101/2 feet above the lower roof, and would be oriented toward 15°T. Two groups would be mounted above the eastern side of the building within two view screen enclosures at an effective height of about 85 feet above ground, 71/2 feet above the upper roof. and would be oriented toward 65°T and 120°T, facing away from the building. The last group would be mounted at the northwest corner above the lower roof within a view screen enclosure at an effective height of about 681/2 feet above ground, 8 feet above the lower roof, and would be oriented toward 280°T. The antennas oriented toward the 120°T would employ up to 10° downtilt, the remaining antennas would employ up to 16° downtilt.

Presently located on the building are nine similar antennas for use by Verizon Wireless. For the limited purpose of this study, it is assumed that Verizon has installed Andrew Model SBNHH-1D65B antennas, employing up to 8° downtilt and mounted at effective heights of at least 77° feet above ground, 101/2 feet above the lower roof.

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

Existing RF levels for a person on the roof near the proposed antenna locations and at ground near the site are presumed to be well below the applicable public exposure limit.

 Provide the maximum effective radiated power per sector for the proposed installation. The power should be reported in watts and reported both as a total and broken down by frequency band. The maximum effective radiated power proposed by AT&T in any direction is 17,310 watts, representing simultaneous operation at 2.670 watts for WCS, 4.010 watts for AWS, 3.760 watts for PCS. 2,220 watts for cellular, and 4,650 watts for 700 MHz service. The maximum effective radiated power proposed by Verizon was 10.190 watts, representing simultaneous operation at 4.330 watts for AWS. 3,980 watts for PCS, and 1,880 watts for 700 MHz service.

Height for Verizon antennas is adjusted for consistency with AT&T building heights

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

at the four-story office building located 180 feet to the northeast

8. <u>Report the estimated cumulative radio frequency fields for the proposed site at ground level.</u> For a person anywhere at ground, the maximum RF exposure level due to the proposed AT&T operation by itself is calculated to be 0.099 mW/cm², which is 17% of the applicable public exposure limit. Cumulative RF levels at ground level near the site are therefore estimated to be well below the applicable public limit.

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

The three-dimensional perimeters of RF levels equal to the public and occupational exposure limits are calculated to extend up to 89 and 38 feet out from the antenna faces, respectively, and to much lesser distances above, below, and to the sides: this reaches the roof of the subject buildings but does not reach any other publicly accessible areas

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

It is recommended that barricades be erected, as shown in Figure 1, to preclude inadvertent access by unauthorized persons to areas in front of the antennas oriented toward 280°T. To prevent occupational exposures in excess of the FCC guidelines, it is recommended that appropriate RF safety training, to include review of personal monitor use and lockout/tagout procedures, be provided to all authorized personnel who have access to the structure, including employees and contractors of the wireless carriers and of the property owner. No access within 38 feet directly in front of the AT&T antennas themselves, such as might occur during certain maintenance activities, should be allowed while the pertinen antennas are in operation, unless other measures can be demonstrated to ensure that occupational protection requirements are met. It is recommended that a "Worker Notification Area" be marked with yellow paint stripes and a "Prohibited Access Area" be marked with red paint stripes on the roof ledge, as shown in Figure 1, to identify areas within which exposure levels are calculated to exceed the FCC public and occupational limits, respectively. It is recommended that explanatory signs[†] be posted at the

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 Chinsee.

HAMMETT & EDISON, INC. CONSULTING ENCIMIENTS









OF



















A1 4449 85/812 UP ±10 A1 8843 825/866 (SHARED) UP ±10 A2 - - - A2 8843 825/866 (SHARED) UP ±10 A3 4478 B14 UP ±10 A3 4478 B14 UP ±10 A4 RRU5-E2 B29 UP ±10 A4 4415 B30 UP ±10 A4 4415 B30 UP ±10 A4 4415 B30 UP ±10 A4 4449 B5/812 UP ±10 B1 4449 B5/812 UP ±10 B2 - - - - B2 - - - - - B2 - - - - - - - B2 - - - - - - - - - - - - - - - <	O' 16" 12" 8" -0' 16" 12" 8" -0' 16" 12" 8" -0' 16" 12" 8" -0' 16" 12" 8" -0' 16" 12" 8" -0' 16" 12" 8" -0' 16" 12" 8" -0' 16" 12" 8" -0' 16" 12" 8" -0' 16" 12" 8" -0' 16" 12" 8" -0' 16" 12" 8" -0' 16" 12" 8" -0' 16" 12" 8" -0' 16" 12" 8" -0' 16" 12" 8" -0' 16" 12" 8" -0' 16" 12" 8" -0' 16" 12" 8" <	16" 12" 8" 16" 12" 8" - - - 16" 12" 8" - - - 16" 12" 8" 16" 12" 8" 16" 12" 8" 16" 12" 8" 16" 12" 8" 16" 12" 8" 16" 12" 8" 16" 12" 8" 16" 12" 8" 16" 12" 8" 16" 12" 8" 16" 12" 8" 16" 12" 8" 16" 12" 8" 16" 12" 8" 16" 12" 8" 16" 12" 8" 16" 12" 8" 16" 12" 8" 16" 12" 1/2" 16"
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RRU TYPE

PROPOSED

SECTOR

RRU LOCATION

DISTANCE F

MINIMUM CLEARANCES

ABOVE BELOW SIDES

FINAL ANTENNA AND TRANSMISSION CABLE REQUIREMENTS

ANTENNA

RRU TYPE

PROPOSED

SECTO

RRU LOCATION

±10'-0" 16"

(DISTANCE

MINIMUM CLEARANCES

ABOVE BELOW SIDES







TOP OF EXISTING ELEV ELEV. 94'-11" TOP OF EXISTING MIDI ELEV. 84'-11"	ATOR PENTHOUSE		PROPOSED ACCESS DOOR TO BILLBOARDS ON FRP SCREEN PROPOSED AT&T 4' TALL PANEL ANTENNAS MOUNTED BEHIND 14' HIGH FRP SCREEN , TYP. PROPOSED AT&T RRHS MOUNTED BEHIND		
	PROPOSED AT&T 4' TALL PANEL ANTENNAS PROPOSED AT&T 4' TALL PANEL ANTENNA MOUNTED BEHIND 6' HIGH FRP SCREEN PROPOSED AT&T RRHs MOUNTED BEHINC ANTENNAS, TYP. 8 PER SECTOR - 32 TOTA CENTER	SECTOR 'A' BEYOND	ANTENNAS, TYP. 8 PER SECTOR - 32 TOTAL — PROPOSED AT&T 14' HIGH FRP SCREEN WALL RO MATCH THE BUILDING	EXISTING STAIRS	
	ER ROOF PARAPET				
GROUND LEVEL ELEV. 0'-0" REF 21.6' AMSL COPOSED SOUTHWEST ELEVATION 32" = 1'-0" TOP OF EXISTING ELEV ELEV. 94'-11"	I YATOR PENTHOUSE				
• TOP OF EXISTING MIDE ELEV. 86'-11"	<u>JLE PENTHOUSE</u>	RIZON FRP SCREEN & ANTENN	AS		
	/				Ň







- 1. ALL WORK TO CONFORM TO N.E.C. LATEST STATE ADOPTED EDITION.
- 2. LABEL SERVICE DISCONNECT WITH A RED TAG.
- 3. SWITCH LEG CONDUCTORS SHALL BE THE SAME COLOR AS CIRCUIT CONDUCTORS.
- 4. PULL ONE GROUND CONDUCTOR PER FLEXIBLE NONMETALLIC CONDUIT. FOR ALL OTHER CIRCUITS PULL A SEPARATE CONDUCTOR.
- 5. ALL GFCI RECEPTACLES TO HAVE A DEDICATED GROUND WIRE.
- 6. EQUIPMENT TERMINATION LUGS AND CONDUCTORS ARE RATED AT A MINIMUM OF 75°C.
- 7. CONDUIT REQUIREMENTS - UNDERGROUND PVC (SCH 40 OR 80) - INDOOR: EMT (RGS IN TRAFFIC AREAS) - Outdoor (ABOVE GRADE): RGS
- 8. LIGHTING IS DESIGNED AND INSTALLED BY SHELTER MANUFACTURER.

C PANEL SCHEDULE

2

NOTE

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

SEE SPECIFICATION FOR CONDUIT TYPE.

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

ABBREVIATIONS:

- BCW BTS BARE COPPER WIRE BASE TRANSCEIVER STATION
- CONDUIT EXISTING
- (E) EG (F) FACP EQUIPMENT GROUND
- FUTURE FIRE ALARM CONTROL PANEL
- GENERATOR ISOLATED GROUND GEN
- IG IMC LFMC
- INTERMEDIATE METAL CONDUIT LIQUID TIGHT FLEXIBLE METAL CONDUIT MILLION CIRCULAR MILLS
- мсм
- MI MP&S MECHANICAL INTERLOCK SEE MECHANICAL PLANS &
- SPECIFICATIONS NFW
- (N) NEMA NATIONAL ELECTRICAL
- MANUFACTURER'S ASSOCIATION NIGHT LIGHT FIXTURE TO BE NL UNSWITCHED
- PFB PROVISION FOR FUTURE BREAKER
- PVC POLYVINYL CHLORIDE CONDUIT
- (R) RG RELOCATE
- RELAY TO MONITOR GENERATOR POWER
- RU TYP RELAY TO MONITOR UTILITY POWER TYPICAL
- UON UNLESS OTHERWISE NOTED
- WP WEATHERPROOF
- GFCI GROUND FAULT CIRCUIT INTERRUPTER
- NOTE: SYMBOLS INDICATED ABOVE MAY NOT NECESSARILY APPEAR AS PART OF THESE DRAWINGS IF NOT REQUIRED.

KVA LOAD CALC:

TOTAL DESIGN CURRENT: ±125A SERVICE VOLTAGE: 240V TOTAL CONNECTED LOAD: ±30KVA



SINGLE-LINE DIAGRAM (SLD)

								PAN	el 'A'								
	SITE NAME:																
	CCL03235						VOLTAGE:		120/240		v						
	2ND AND HARRISON						PHASE:		1								
		-					WIRE:		3								
	PANEL DESIGNATION:					MAIN	BREAKER:		200		AMP						
	PANEL 'A'					BUS	RATING:		225		AMP						
						L	OCATION:		SURI	ACE-EXTE	RIOR						
		BREAKER	BREAKER	BREAKER	SERVICE	USAGE	PHASE A	PHASE B	PHASE A	PHASE B	USAGE	SERVICE	BREAKER	BREAKER	BREAKER		
СКТ	LOAD DESCRIPTION	AMPS	POLES	STATUS	LOAD VA	FACTOR	VA	VA	VA	VA	FACTOR	LOAD VA	STATUS	POLES	AMPS	LOAD DESCRIPTION	СКТ
1	NETSURE 512	20	2		2112	1.25	2640		0					2	20		2
3	RECTIFIER #'S 1 & 2	50	2	UN	2112	1.25		2640		0			UN	2	50	SUNGE SUPPRESSUR	4
5	NETSURE 512	20	2		2112	1.25	2640		900		1.25	720	ON	1	20	RECEPTACLE	6
7	RECTIFIER #'S 3 & 4	50	2	UN	2112	1.25		2640		320	1.25	256	ON	1	20	LIGHTING	8
9	NETSURE 512	20	2		2112	1.25	2640		3375		1.25	2700		2	40		10
11	RECTIFIER #'S 5 & 6	50	2	UN	2112	1.25		2640		3375	1.25	2700	UN	2	40	AC UNIT	12
13	NETSURE 512	20	2		2112	1.25	2640		225		1.25	180	ON	1	20	GFI	14
15	RECTIFIER #'S 7 & 8	30	2	ON	2112	1.25		2640		0						SPACE	16
17	NETSURE GFI	15	1	ON	180	1.25	225		0							SPACE	18
19	NETSURE HEATER	15	1	ON	360	1.25		450		0						SPACE	20
21	SPACE						0		0							SPACE	22
23	SPACE							0		0						SPACE	24
25	SPACE						0		0							SPACE	26
27	SPACE							0		0						SPACE	28
29	SPACE						0		0							SPACE	30
							PHASE A 1	'OTAL VA	15285			NOTES:					
							PHASE B 1	'OTAL VA	14705			1. BREAK	ER POSITIO	NS 16, 18,	& 20-30 A	RE ALL 'SPACE'	
1							тс	TAL KVA	29.99	-		2. ALL LO	ADS ARE CO	OUNTED AS	S LCL/MCL (DESIGN TO 100% CAPACITY-O)К)
							TOT	AL AMPS	124.96			3. UNUSE	D BREAKER	RS SHALL B	E MARKED '	SPARE' & SWITCHED 'OFF'	
-																	









Install (16) panel antennas within proposed FRP enclosures



VIEW 1







Install (16) panel antennas within proposed FRP enclosures



VIEW 2

CCL03235





PHOTOSIMULATION Install (16) panel antennas within proposed FRP enclosures



VIEW 3

REV 4 - 4/2/19

CCL03235









SAN FRANCISCO PLANNING DEPARTMENT

CEQA Categorical Exemption Determination

PROPERTY INFORMATION/PROJECT DESCRIPTION

Project Address		Block/Lot(s)
88 PERRY ST - AT&T M	lobility WTS Facility New Site Build	3763116
Case No.		Permit No.
2018-013387PRJ		
Addition/ Alteration	Demolition (requires HRE for Category B Building)	New Construction
Project description for	Planning Department approval.	
New AT&T rooftop cell s remote radio heads (RR	ite request to install (4) antenna sectors on buildir Hs), (8) DC-6 surge suppressors, (1) GPS antenn	ng roof, (16) panel antennas, (32) a, and Coax cable trays.

STEP 1: EXEMPTION CLASS

The p Act (project has been determined to be categorically exempt under the California Environmental Quality CEQA).
	Class 1 - Existing Facilities. Interior and exterior alterations; additions under 10,000 sq. ft.
	Class 3 - New Construction. Up to three new single-family residences or six dwelling units in one building; commercial/office structures; utility extensions; change of use under 10,000 sq. ft. if principally permitted or with a CU.
	 Class 32 - In-Fill Development. New Construction of seven or more units or additions greater than 10,000 sq. ft. and meets the conditions described below: (a) The project is consistent with the applicable general plan designation and all applicable general plan policies as well as with applicable zoning designation and regulations. (b) The proposed development occurs within city limits on a project site of no more than 5 acres substantially surrounded by urban uses. (c) The project site has no value as habitat for endangered rare or threatened species. (d) Approval of the project would not result in any significant effects relating to traffic, noise, air quality, or water quality. (e) The site can be adequately served by all required utilities and public services. FOR ENVIRONMENTAL PLANNING USE ONLY
	Class

STEP 2: CEQA IMPACTS TO BE COMPLETED BY PROJECT PLANNER

	Air Quality: Would the project add new sensitive receptors (specifically, schools, day care facilities, hospitals, residential dwellings, and senior-care facilities within an Air Pollution Exposure Zone? Does the project have the potential to emit substantial pollutant concentrations (e.g., backup diesel generators, heavy industry, diesel trucks, etc.)? (<i>refer to EP_ArcMap > CEQA Catex Determination Layers > Air Pollution Exposure Zone</i>)
	Hazardous Materials: If the project site is located on the Maher map or is suspected of containing hazardous materials (based on a previous use such as gas station, auto repair, dry cleaners, or heavy manufacturing, or a site with underground storage tanks): Would the project involve 50 cubic yards or more of soil disturbance - or a change of use from industrial to residential?
	if the applicant presents documentation of enrollment in the San Francisco Department of Public Health (DPH) Maher program, a DPH waiver from the Maher program, or other documentation from Environmental Planning staff that hazardous material effects would be less than significant (refer to EP_ArcMap > Maher layer).
	Transportation: Does the project involve a child care facility or school with 30 or more students, or a location 1,500 sq. ft. or greater? Does the project have the potential to adversely affect transit, pedestrian and/or bicycle safety (hazards) or the adequacy of nearby transit, pedestrian and/or bicycle facilities?
	Archeological Resources: Would the project result in soil disturbance/modification greater than two (2) feet below grade in an archeological sensitive area or eight (8) feet in a non-archeological sensitive area? If yes, archeo review is requried (<i>refer to EP_ArcMap > CEQA Catex Determination Layers > Archeological Sensitive Area</i>)
	Subdivision/Lot Line Adjustment: Does the project site involve a subdivision or lot line adjustment on a lot with a slope average of 20% or more? (<i>refer to EP_ArcMap > CEQA Catex Determination Layers > Topography</i>). If yes, Environmental Planning must issue the exemption.
	Slope = or > 25%: Does the project involve any of the following: (1) square footage expansion greater than 500 sq. ft. outside of the existing building footprint, (2) excavation of 50 cubic yards or more of soil, (3) new construction? (<i>refer to EP_ArcMap > CEQA Catex Determination Layers > Topography</i>) If box is checked, a geotechnical report is required and Environmental Planning must issue the exemption.
	Seismic: Landslide Zone: Does the project involve any of the following: (1) square footage expansion greater than 500 sq. ft. outside of the existing building footprint, (2) excavation of 50 cubic yards or more of soil, (3) new construction? (refer to EP_ArcMap > CEQA Catex Determination Layers > Seismic Hazard Zones) If box is checked, a geotechnical report is required and Environmental Planning must issue the exemption.
	Seismic: Liquefaction Zone: Does the project involve any of the following: (1) square footage expansion greater than 500 sq. ft. outside of the existing building footprint, (2) excavation of 50 cubic yards or more of soil, (3) new construction? (refer to EP_ArcMap > CEQA Catex Determination Layers > Seismic Hazard Zones) If box is checked, a geotechnical report will likely be required and Environmental Planning must issue the exemption.
Com	ments and Planner Signature (optional): Ashley Lindsay

STEP 3: PROPERTY STATUS - HISTORIC RESOURCE

TO BE COMPLETED BY	PROJECT PLANNER	

PROP	ROPERTY IS ONE OF THE FOLLOWING: (refer to Property Information Map)				
	Category A: Known Historical Resource. GO TO STEP 5.				
	Category B: Potential Historical Resource (over 45 years of age). GO TO STEP 4.				
	Category C: Not a Historical Resource or Not Age Eligible (under 45 years of age). GO TO STEP 6.				

STEP 4: PROPOSED WORK CHECKLIST

TO BE COMPLETED BY PROJECT PLANNER

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

STEP 5: CEQA IMPACTS - ADVANCED HISTORICAL REVIEW

TO BE COMPLETED BY PROJECT PLANNER

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

	7. Addition(s), including mechanical equipment that a and meet the Secretary of the Interior's Standards for	are minimally visible from a public right-of-way Rehabilitation.	
	8. Other work consistent with the Secretary of the In	terior Standards for the Treatment of Historic	
	Properties (specify or add comments):		
	9. Other work that would not materially impair a histo	ric district (specify or add comments):	
	(Requires approval by Senior Preservation Planner/P	reservation Coordinator)	
	10 Reclassification of property status (Requires a	pproval by Senior Preservation	
	Planner/Preservation		
	Reclassify to Category A	Reclassify to Category C	
	a. Per HRER or PTR dated	(attach HRER or PTR)	
	b. Other <i>(specify)</i> :		
	Note: If ANY box in STEP 5 above is check	ed, a Preservation Planner MUST sign below.	
	Project can proceed with categorical exemption re-	view. The project has been reviewed by the	
	Preservation Planner and can proceed with categoric	al exemption review. GO TO STEP 6.	
Comm	Comments (optional):		
Preservation Planner Signature:			
STE	EP 6: CATEGORICAL EXEMPTION DETERMI	NATION	
	BE COMPLETED BY PROJECT PLANNER		

	No further environmental review is required. The project is categorically exempt under CEQA. There are no unusual circumstances that would result in a reasonable possibility of a significant effect.		
	Project Approval Action:	Signature:	
	Planning Commission Hearing Ashley Lindsay If Discretionary Review before the Planning Commission is requested, the Discretionary Review hearing is the Approval Action for the project. 07/01/2019		
Once signed or stamped and dated, this document constitutes a categorical exemption pursuant to CEQA Guidelines and Cha 31of the Administrative Code. In accordance with Chapter 31 of the San Francisco Administrative Code, an appeal of an exemption determination can only to filed within 30 days of the project receiving the approval action. Please note that other approval actions may be required for the project. Please contact the assigned planner for these approv		nption pursuant to CEQA Guidelines and Chapter beal of an exemption determination can only be ontact the assigned planner for these approvals.	

STEP 7: MODIFICATION OF A CEQA EXEMPT PROJECT

TO BE COMPLETED BY PROJECT PLANNER

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

PROPERTY INFORMATION/PROJECT DESCRIPTION

Project Address (If different than fror	Block/Lot(s) (If different than front page)		
88 PERRY ST - AT&T Mobility WTS Fac	3763/116		
Case No. Previous Building Permit No.		New Building Permit No.	
2018-013387PRJ			
Plans Dated	Previous Approval Action	New Approval Action	
Modified Project Description:			

DETERMINATION IF PROJECT CONSTITUTES SUBSTANTIAL MODIFICATION

Deput in expension of the building equations as defined i	
	n the Planning Code;
Result in the change of use that would require public noti Sections 311 or 312;	ce under Planning Code
Result in demolition as defined under Planning Code Sec	tion 317 or 19005(f)?
Is any information being presented that was not known and at the time of the original determination, that shows the original longer qualify for the exemption?	nd could not have been known riginally approved project may

If at least one of the above boxes is checked, further environmental review is required.

DETERMINATION OF NO SUBSTANTIAL MODIFICATION

	The proposed modification wo	uld not result in any of the above changes.	
If this b approve website with Ch days of	If this box is checked, the proposed modifications are categorically exempt under CEQA, in accordance with prior project approval and no additional environmental review is required. This determination shall be posted on the Planning Department website and office and mailed to the applicant, City approving entities, and anyone requesting written notice. In accordance with Chapter 31, Sec 31.08j of the San Francisco Administrative Code, an appeal of this determination can be filed within 10 days of posting of this determination.		
Planner Name:		Date:	



Block Book Map

SAN FRANCISCO PLANNING DEPARTMENT

AT&T Mobility Macro WTS Facility 88 Perry Street

Sanborn Map*



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

Case Number 2018-013387CUA AT&T Mobility Macro WTS Facility 88 Perry Street

SAN FRANCISCO PLANNING DEPARTMENT

Zoning Map

Case Number 2018-013387CUA AT&T Mobility Macro WTS Facility 88 Perry Street

Aerial Photo

Case Number 2018-013387CUA AT&T Mobility Macro WTS Facility 88 Perry Street

SAN FRANCISCO PLANNING DEPARTMENT

Statement of Hammett & Edison, Inc., Consulting Engineers

The firm of Hammett & Edison, Inc., Consulting Engineers, has been retained on behalf of AT&T Mobility, a personal wireless telecommunications carrier, to evaluate the base station (Site No. CCL03235) proposed to be located at 401 Third Street in San Francisco, California, for compliance with appropriate guidelines limiting human exposure to radio frequency ("RF") electromagnetic fields.

Background

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

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

Checklist

Reference has been made to information provided by AT&T, including zoning drawings by All States Engineering & Surveying, dated May 8, 2019. It should be noted that the calculation results in this Statement include several "worst-case" assumptions and therefore are expected to overstate actual power density levels from the proposed operations.

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

There are reported no wireless base stations installed at the six-story mixed-use building located at 401 Third Street in San Francisco.

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

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

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

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

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

AT&T proposes to install sixteen CCI Model OPA65R-BU4DA directional panel antennas in groups of four above the roof of the six-story mixed-use building. The first group would be mounted within a view screen enclosure to be constructed south of the penthouse on the north side of the building at an effective height of about 77 feet above ground, $10\frac{1}{2}$ feet above the lower roof, and would be oriented toward 15°T. Two groups would be mounted above the eastern side of the building within two view screen enclosures at an effective height of about 85 feet above ground, $7\frac{1}{2}$ feet above the upper roof, and would be oriented toward 65°T and 120°T, facing away from the building. The last group would be mounted at the northwest corner above the lower roof within a view screen enclosure at an effective height of about 68¹/₂ feet above ground, 8 feet above the lower roof, and would be oriented toward 280°T. The antennas oriented toward the 120°T would employ up to 10° downtilt, the remaining antennas would employ up to 16° downtilt.

Presently located on the building are nine similar antennas for use by Verizon Wireless. For the limited purpose of this study, it is assumed that Verizon has installed Andrew Model SBNHH-1D65B antennas, employing up to 8° downtilt and mounted at effective heights of at least 77^* feet above ground, $10\frac{1}{2}$ feet above the lower roof.

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

Existing RF levels for a person on the roof near the proposed antenna locations and at ground near the site are presumed to be well below the applicable public exposure limit.

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

The maximum effective radiated power proposed by AT&T in any direction is 17,310 watts, representing simultaneous operation at 2,670 watts for WCS, 4,010 watts for AWS, 3,760 watts for PCS, 2,220 watts for cellular, and 4,650 watts for 700 MHz service. The maximum effective radiated power proposed by Verizon was 10,190 watts, representing simultaneous operation at 4,330 watts for AWS, 3,980 watts for PCS, and 1,880 watts for 700 MHz service.

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Height for Verizon antennas is adjusted for consistency with AT&T building heights.

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

The maximum calculated cumulative level at any nearby building is 31% of the public limit; this occurs at the four-story office building located 180 feet to the northeast.

8. <u>Report the estimated cumulative radio frequency fields for the proposed site at ground level.</u>

For a person anywhere at ground, the maximum RF exposure level due to the proposed AT&T operation by itself is calculated to be 0.099 mW/cm^2 , which is 17% of the applicable public exposure limit. Cumulative RF levels at ground level near the site are therefore estimated to be well below the applicable public limit.

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

The three-dimensional perimeters of RF levels equal to the public and occupational exposure limits are calculated to extend up to 89 and 38 feet out from the antenna faces, respectively, and to much lesser distances above, below, and to the sides; this reaches the roof of the subject buildings but does not reach any other publicly accessible areas.

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

It is recommended that barricades be erected, as shown in Figure 1, to preclude inadvertent access by unauthorized persons to areas in front of the antennas oriented toward 280°T. To prevent occupational exposures in excess of the FCC guidelines, it is recommended that appropriate RF safety training, to include review of personal monitor use and lockout/tagout procedures, be provided to all authorized personnel who have access to the structure, including employees and contractors of the wireless carriers and of the property owner. No access within 38 feet directly in front of the AT&T antennas themselves, such as might occur during certain maintenance activities, should be allowed while the pertinent antennas are in operation, unless other measures can be demonstrated to ensure that occupational protection requirements are met. It is recommended that a "Worker Notification Area" be marked with yellow paint stripes and a "Prohibited Access Area" be marked with red paint stripes on the roof ledge, as shown in Figure 1, to identify areas within which exposure levels are calculated to exceed the FCC public and occupational limits, respectively. It is recommended that explanatory signs[†] be posted at the

[†] 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.

roof access door, at the barricades, at outer edges of the red striping, on the screens in front of the antennas, and at the back of the antennas, readily visible from any angle of approach to persons who might need to work within that distance. Similar measures have been recommended to Verizon.

11. Statement of authorship and qualification.

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

Conclusion

Based on the information and analysis above, it is the undersigned's professional opinion that operation of the base station proposed by AT&T Mobility at 401 Third Street in San Francisco, California, can comply with the prevailing standards for limiting human exposure to radio frequency energy and, therefore, need not for this reason cause a significant impact on the environment. The highest calculated level in publicly accessible areas is much less than the prevailing standards allow for exposures of unlimited duration. This finding is consistent with measurements of actual exposure conditions taken at other operating base stations. Erecting barricades is recommended to establish compliance with public exposure limits; training authorized personnel, marking roof areas, and posting explanatory signs are recommended to establish compliance with occupational exposure limits.

E-13026 William F. Hammett, P.E 20676 707/996-5200 6-30-2019

May 17, 2019

Calculated RF Exposure Levels on Roof for AT&T Only

Recommended Compliance Measures for AT&T

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

Notes: See text. Base drawing by All States Engineering & Surveying, dated March 27, 2019. Calculations performed according to OET Bulletin 65, August 1997.

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

North

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San Francisco City and County Department of Public Health

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

Environmental Health Branch

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

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Review of Cellular Antenna Site Proposals

Project Sponsor : AT&T Wireless		Planner:	Ashley Lindsay	
RF Engineer Consultant:	Hammett & Edison		Phone Number:	(707) 996-5200
Project Address/Location	401 3rd St			
Site ID: <u>1863</u>	SiteNo.: CCL03235		Report Dated:	5/17/2019

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

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

X 1. The location, identity and total number of all operational radiating antennas installed at this site was provided. (WTS-FSG, Section 10.4.1, Section 11, 2b)

Number of Existing Antennas: 9

- X 2. A list of all radiating antennas located within 100 feet of the site which could contribute to the cumulative radio frequency energy at this location was provided. (WTS-FSG, Section 10.5.2)
 Yes
- X 3. A narrative description of the proposed work for this project was provided. The description should be consistent with scope of work for the final installation drawings. (WTS-FSG, Section 10)

● Yes ○ No

- **X** 4. An inventory of the make and model of antennas or transmitting equipment being installed or removed was provided. The antenna inventory included the proposed installation height above the nearest walking/working surface, the height above ground level and the orientations of the antennas. (WTS-FSG, Section 10.5.2)
 - Yes No
- **X** 5. A description of the existing radio frequency energy environment at the nearest walking/working surface to the antennas and at ground level was provided. A description of any assumptions made when doing the calculations was also provided. (WTS-FSG, Section 10.4.1a, Section 10.4.1c, Section 10.5)

● Yes ○ No

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

Maximum Effective Radiated Power: 17310 Watts

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

Maximum percent of applicable FCC public standard at the nearest building or structure: <u>31</u>% Distance to this nearby building or structure: <u>180</u> feet

X8. The estimated maximum cumulative radio frequency fields for the proposed site at ground level.
(WTS-FSG, Section 10.5)
Maximum RF Exposure: 0.099 mW/cm²Maximum RF Exposure Percent: 17

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:	89
Occupational Exclusion Area	Occupational Exclusion In Feet:	38

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

Comments:

There are 9 antennas existing operated by Verizon Wireless installed on the roof top of the building at 401 3rd St. Existing RF levels at ground level were around 1% of the FCC public exposure limit. No other antennas were observed within 100 feet of this site. AT&T Wireless proposes to install 16 new antennas. The antennas are mounted at a height of 68.5 - 85 feet above the ground and 7.5 - 10 feet above the roof. The estimated ambient RF field from the proposed AT&T Wireless transmitters at ground level is calculated to be 0.099 mW/sq cm., which is 17% of the FCC public exposure limit. The three dimensional perimeter of RF levels equal to the public exposure limit extends 89 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 38 feet of the front of the antennas while they are in operation. Install physical barriers as shown in figure 1 of the RF report. "Worker Notification Area" shall be marked with yellow paint stripes and a "Prohibited Access Area" shall be marked with red paint stripes on the roof ledge, as shown in Figure 1 of the RF report, to identify areas within which exposure levels are calculated to exceed the FCC public and occupational limits.

Not Approved, additional information required.

Not Approved, does not comply with Federal 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)

Signed:

Dated: 6/4/2019

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

Exhibit 2 - CCL03235 Service Area <u>BEFORE</u> site is constructed

Exhibit 3 - CCL03235 Service Area AFTER site is constructed

WILLIAM F. HAMMETT, P.E. Rajat Mathur, P.E. Robert P. Smith, Jr. Andrea L. Bright, P.E. Neil J. Olij, P.E. Brian F. Palmer Amelia Ngai Manas Reddy M. Daniel Ro

Robert L. Hammett, P.E. 1920-2002 Edward Edison, P.E. 1920-2009

DANE E. ERICKSEN, P.E. Consultant

BY E-MAIL MHILL@J5IP.COM

September 18, 2018

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

Dear Misako:

As requested, we have conducted the review required by the City of San Francisco of the coverage maps that AT&T Mobility will submit as part of its application package for its base station proposed to be located at 401 Third Street in San Francisco (Site No. CCL03235). 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 represent the carrier's present and post-installation coverage.

AT&T proposes to install sixteen Quintel Model QS4658-3 directional panel antennas in groups of four above the roof of the six-story mixed-use building. The sixteen antennas would employ up to 10° downtilt. The first group would be mounted within a view screen enclosure to be constructed south of the penthouse on the north side of the building at an effective height of about 77 feet above ground, 10¹/₂ feet above the lower roof, and would be oriented toward 15°T. Two groups would be mounted above the eastern side of the building within two view screen enclosures at an effective height of about 85 feet above ground, 7¹/₂ feet above the upper roof, and would be oriented toward 65°T and 120°T, facing away from the building. The last group would be mounted at the northwest corner above the lower roof within a view screen enclosure at an effective height of about 69 feet above ground, 8¹/₂ feet above the lower roof, and would be oriented toward 280°T. The maximum effective radiated power proposed by AT&T in any direction is 13,990 watts, representing simultaneous operation at 2,120 watts for WCS, 5,120 watts for AWS, 2,540 watts for PCS, 1,580 watts for cellular, and 2,630 watts for 700 MHz service.

AT&T provided for review two coverage maps, dated May 14, 2018, attached for reference. The maps show AT&T's LTE 4G coverage in the area <u>before</u> and <u>after</u> the site is operational.

Ms. Misako Hill, page 2 September 18, 2018

Both the before and after maps show three levels of coverage, which AT&T colors and defines as follows:

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

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

As a second step, we conducted our own drive test, using an Ascom TEMS Pocket network diagnostic tool with built-in GPS, to measure the actual AT&T LTE signal strength in the vicinity of the proposed site. Our fieldwork was conducted on June 21, 2018, between 11:40 AM and 1:20 PM, along a measurement route selected to cover all the streets within the map area that AT&T had indicated would receive improved service.

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

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

Sincerely yours, F-13026 William F. Hammett, P.E. M-20676 6-30-2019 lw Enclosures

AT&T MOBILITY ALTERNATIVE SITE ANALYSIS CCL03235

Proposed Site Address: 88 Perry Street San Francisco, CA 94107 AKA 401 3rd Street Block / Lot: 6596-022

The Location Preference of the proposed facility in Section 8.1 of the WTS facilities Siting Guidelines is Preference 2, Co-Location Site

> September 28, 2018 REVISED March 2, 2019

PROJECT SITE	88 Perry Street AKA 401 3rd Street, San Francisco, CA 94107 The Location P	reference of the proposed facility in Section 8.1 of the WTS Guidelines is Preference 2, Co-Location Site.
Existing AT&T Site	795 Folsom St, San Francisco, CA 9410	
Existing AT&T Site	539 Bryant St, San Francisco, CA 94107	
Existing AT&T Site	274 Brannan, San Francisco, CA 94107	
Existing AT&T Site	611 Folsom Street, San Francisco, CA	

CANDIDATE	SITE ADDRESS	ZONING DISTRICT		REASON FOR REJECTION
Alternate Site 1	360 3rd Street	MUO-Mixed Use-Office	5	AT&T mailed a Letter of Interest to the property owner regarding installation of a rooftop cell site. AT&T also called the property owner and
			_	has not received communication expressing interest in a lease agreement.
Alternate Site 2	730 Harrison Street	MUO-Mixed Use-Office	5	AT&T mailed a Letter of Interest to the property owner regarding installation of a rooftop cell site. AT&T also called the property owner and has not received communication expressing interest in a lease agreement.
Alternate Site 3	744 Harrison Street	MUO-Mixed Use-Office	5	Building is too low and does not meet AT&T RF engineers height requirements for network coverage.
Alternate Site 4	750 Harrison Street	MUO-Mixed Use Office	5	AT&T mailed a Letter of Interest to the property owner regarding installation of a rooftop cell site. AT&T also called the property owner and has not received communication expressing interest in a lease agreement
Alternate Site 5	760 Harrison Street	MUO-Mixed Use-Office	5	Building is too low and does not meet AT&T RF engineers height requirements for network coverage.
Alternate Site 6	766 Harrison Street	MUO-Mixed Use-Office	5	AT&T mailed a Letter of Interest to the property owner regarding installation of a rooftop cell site. AT&T also called the property owner and has not received communication expressing interest in a lease agreement
Alternate Site 7	768 Harrison Street	MUO-Mixed Use-Office	5	Building is too low and does not meet AT&T RF engineers height requirements for network coverage.
Alternate Site 8	772 Harrison Street	MUO-Mixed Use-Office	5	Building is too low and does not meet AT&T RF engineers height requirements for network coverage.
Alternate Site 9	788 Harrison Street	MUO-Mixed Use-Office	5	Building is too close to existing AT&T site at 795 Folsom Street.
Alternate Site 10	777 Harrison Street	SLI-SOMA Service-Light Industrial	5	Building is too low and does not meet AT&T RF engineers height requirements for network coverage.
Alternate Site 11	759 Harrison Street	SLI-SOMA Service-Light Industrial	5	There is no space on the roof for AT&T's antennas due to an existing advertisement billboard structure.
Alternate Site 12	735 Harrison Street	SLI-SOMA Service-Light industrial	5	Building is too low and does not meet AT&T RF engineers height requirements for network coverage.
Alternate Site 13	725 Harrison Street	SLI-SOMA Service-Light Industrial	5	Parking lot. New Pole structure required to obtain AT&T RF engineers height requirements for network coverage.
Alternate Site 14	715 Harrison Street	SLI-SOMA Service-Light Industrial	5	Building is too low and does not meet AT&T RF engineers height requirements for network coverage.
Alternate Site 15	400 3rd Street	SLI-SOMA Service-Light Industrial	5	Parking lot. New Pole structure required to obtain AT&T RF engineers height requirements for network coverage.
Alternate Site 16	428 3rd Street	SLI-SOMA Service-Light Industrial	5	Building is too low and does not meet AT&T RF engineers height requirements for network coverage.
Alternate Site 17	689 Harrison Street	MUO-Mixed Use-Office	5	Building is too low and does not meet AT&T RF engineers height requirements for network coverage.
Alternate Site 18	685 Harrison Street	MUO-Mixed Use-Office	5	Building is too low and does not meet AT&T RF engineers height requirements for network coverage.

Alternate Site 19	679 Harrison Street	MUO-Mixed Use-Office	5	Building is too low and does not meet AT&T RF engineers height requirements for network coverage.
Alternate Site 20	677 Harrison Street	MUO-Mixed Use-Office	5	Building is too low and does not meet AT&T RF engineers height requirements for network coverage.
Alternate Site 21	665 Harrison Street	M-1-Light Industrial	4	Building is too low and does not meet AT&T RF engineers height requirements for network coverage.
Alternate Site 22	657 Harrison Street	M-1-Light Industrial	4	Building is too low and does not meet AT&T RF engineers height requirements for network coverage.
Alternate Site 23	653 Harrison Street	M-1-Light Industrial	4	Building is too low and does not meet AT&T RF engineers height requirements for network coverage.
Alternate Site 24	645 Harrison Street	SSO-SOMA Service/Secondary/Office	5	Building is too close to existing AT&T site at 611 Folsom Street.
Alternate Site 25	400 2nd Street	SSO-SOMA Service/Secondary/Office	5	Building is too close to existing AT&T site at 611 Folsom Street.
Alternate Site 26	600 Harrison Street	MUO-Mixed Use-Office	5	Building is too close to existing AT&T site at 611 Folsom Street.
Alternate Site 27	642 Harrison Street	MUO-Mixed Use-Office	5	Building is too close to existing AT&T site at 611 Folsom Street.
Alternate Site 28	650 Harrison Street	MUR-Mixed Use-residential	5	Building is too low and does not meet AT&T RF engineers height requirements for network coverage.
Alternate Site 29	666 Harrison Street AKA 633 Folsom Street	C-3-O - downtown- office (building is wholly residential)	5	AT&T mailed a Letter of Interest to the property owner regarding installation of a rooftop cell site. AT&T also called the property owner and has not received communication expressing interest in a lease agreement
Alternate Site 30	674 Harrison Street	MUR-Mixed Use Residential	5	Building is too low and does not meet AT&T RF engineers height requirements for network coverage.
Alternate Site 31	395 3rd Street	MUR-Mixed Use-Residential	5	Parking lot. New Pole structure required to obtain AT&T RF engineers height requirements for network coverage.