



SAN FRANCISCO PLANNING DEPARTMENT

Executive Summary Conditional Use Authorization

HEARING DATE: JULY 10, 2014

1650 Mission St.
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San Francisco,
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Date: July 17, 2014
Case No.: **2011.1310C**
Project Address: **2350 Turk Boulevard**
Current Zoning: RH-2 (Residential, House, Two-Family)
40-X Height and Bulk District
Block/Lot: 1107/006
Project Sponsor: AT&T Mobility represented by
Talin Aghazarian, Ericsson, Inc.,
530 Bush Street, 5th Floor
San Francisco, CA
Staff Contact: Omar Masry – (415) 575-9116
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PROJECT DESCRIPTION

The proposal is to allow the development of an AT&T Mobility macro wireless telecommunication services (“WTS”) facility. The macro WTS facility would consist of nine (9) partially screened rooftop mounted panel antennas and electronic equipment necessary to run the facility on the roof and in the basement of an existing institutional building (University of San Francisco’s School of Education). Based on the land use, the WTS facility is proposed on a Location Preference 1 Site (Preferred Location, Publicly-Used Structure) according to the WTS Facilities Siting Guidelines.

The proposed antennas would measure approximately 50” high, by 23” wide, by 9” thick, and six (6) of the antennas (Sectors B and C) would be shrouded along the rear of each antenna in order to screen the mechanical equipment (pipe mount) used to mount the antenna. The nine (9) antennas would be placed in three (3) locations (sectors), with three (3) antennas per sector. The Sector “A” antennas would be mounted next to the proposed equipment area platform near a rear corner of the building. The Sector “B” antennas would be placed near the western edge of the roof toward the rear of the building and setback approximately eight (8) feet from the nearest roof edge. The Sector “C” antennas would be placed near the center of the building along the Turk Boulevard frontage and setback toward the rear of the main roof.

Electronic equipment necessary to run the facility would be located in three locations. A portion of the equipment would be located on the main roof, near a rear corner, and additional electronic equipment would be located within a basement room. The roof-mounted equipment would include battery back-up cabinets, to provide backup power in the event of a power outage or disaster.

Additional rooftop equipment would be located near each of the three (3) antenna sectors and consist of radio relay units (RRUs), and condenser units, which would be placed at the base of the antennas. These

elements would not be visible from adjacent public rights-of-way, such as Turk Boulevard, given their setback from roof edges, and the presence of an approximately three-foot tall parapet.

SITE DESCRIPTION AND PRESENT USE

The Project Site is located on Assessor's Block 1107, Lot 006 along the north side of Turk Boulevard, between Tamalpais Terrace and Annapolis Terrace. The Subject building is an approximately 51-foot tall, four-story building which serves as the University of San Francisco's (USF) School of Education.

The Subject Property also features an existing Sprint macro WTS facility (Case No. 2000.036C) composed two (2) panel antennas mounted on the west and east facades (1 antenna per facade) of the Subject Property. Electronic equipment supporting the Sprint macro WTS facility is located in an existing rooftop mechanical penthouse.

SURROUNDING PROPERTIES AND NEIGHBORHOOD

The Project Site lies within the Inner Richmond neighborhood and is surrounded by the University of San Francisco campus to the west (administration building) and east (parish buildings), and low-rise (two and three stories) residential neighborhoods to the north and to the south, across Turk Boulevard.

ENVIRONMENTAL REVIEW

The Project is exempt from the California Environmental Quality Act ("CEQA") as a Class 3 categorical exemption. The categorical exemption and all pertinent documents may be found in the files of the Planning Department, as the custodian of records, at 1650 Mission Street, San Francisco.

HEARING NOTIFICATION

TYPE	REQUIRED PERIOD	REQUIRED NOTICE DATE	ACTUAL NOTICE DATE	ACTUAL PERIOD
Classified News Ad	20 days	June 28, 2014	June 25, 2014	23 days
Posted Notice	20 days	June 28, 2014	June 27, 2014	21 days
Mailed Notice	10 days	July 4, 2014	June 27, 2014	21 days

PUBLIC COMMENT

As of July 10, 2014, the Department has received six calls or e-mails from residents in opposition to the Project based on health concerns related to radio-frequency (RF) emissions.

In addition, the Project Sponsor held a community meeting at the City College of San Francisco – John Adams Campus, at 1860 Hayes Street, to discuss the Project at 7:00 p.m. on April 11, 2012. Ten (10) community members attended the meeting. Additional community meetings were held, in 2012, with USF faculty and/or students on May 9th, May 15th, September 17th and November 14th. Concerns raised at those meetings primarily included health concerns related to radio-frequency (RF) emissions.

ISSUES AND OTHER CONSIDERATIONS

- Health and safety aspects of all wireless Projects are reviewed under the Department of Public Health and the Department of Building Inspection. The RF emissions associated with this Project have been determined to comply with limits established by the Federal Communications Commission (FCC).
- An updated Five Year Plan with approximate longitudinal and latitudinal coordinates of proposed locations, including the Project Site, is on file with the Planning Department.
- All required public notifications were conducted in compliance with the Planning Code and adopted WTS policies.

REQUIRED COMMISSION ACTION

Pursuant to Sections 209.6(b) and 303 of the Planning Code, Conditional Use Authorization is required for a WTS facility in an RH-2 (Residential, House, Two-Family) Zoning District.

BASIS FOR RECOMMENDATION

This Project is necessary and/or desirable under Section 303 of the Planning Code for the following reasons:

- The Project complies with the applicable requirements of the Planning Code.
- The Project is consistent with the Objectives and Policies of the General Plan.
- The Project is consistent with the 1996 WTS Facilities Siting Guidelines, Planning Commission Resolution No. 14182, 16539, and 18523 supplementing the 1996 WTS Guidelines.
- Health and safety aspects of all wireless projects are reviewed under the Department of Public Health and the Department of Building Inspections.
- The expected RF emissions fall well within the limits established by the Federal Communications Commission (FCC).
- The Project Site is considered a Preferred Location (Location Preference 1), according to the Wireless Telecommunications Services (WTS) Facilities Siting Guidelines, as the Project Site is a Publicly-Used Structure (University of San Francisco's School of Education)
- Based on propagation maps provided by AT&T Mobility, the Project would provide enhanced 700 - 2170 Megahertz 4G LTE (4th Generation, Long-Term-Evolution, voice and data) coverage in an area that currently experiences gaps in coverage and capacity.
- Based on the analysis provided by AT&T Mobility, the Project will provide additional capacity in an area that currently experiences insufficient service during periods of high data usage.
- Based on independent third-party evaluation, the maps, data, and conclusions about service coverage and capacity provided by AT&T Mobility are accurate.
- Those antennas visible from adjacent public rights-of-way would be partially screened from view by shrouds on the rear of the antennas. Related electronic equipment would setback from roof edges and minimally visible from off-site locations.
The facility would continue to avoid intrusion into public vistas, avoid disruption of the architectural integrity of building and insure harmony with neighborhood character.
- The Project has been reviewed by staff and found to be categorically exempt from further environmental review, as a Class 3 exemption of the California Environmental Quality Act.

RECOMMENDATION: Approval with Conditions

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

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



SAN FRANCISCO PLANNING DEPARTMENT

Planning Commission Motion No. XXXXX

HEARING DATE: JULY 17, 2014

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ADOPTING FINDINGS RELATING TO THE APPROVAL OF A CONDITIONAL USE AUTHORIZATION UNDER PLANNING CODE SECTIONS 303(c) AND 209.6(b) TO INSTALL A MACRO WIRELESS TELECOMMUNICATIONS SERVICES FACILITY CONSISTING OF NINE PARTIALLY SCREENED PANEL ANTENNAS AND ASSOCIATED EQUIPMENT LOCATED ON THE ROOFTOP AND BASEMENT OF AN EXISTING INSTITUTIONAL BUILDING AS PART OF AT&T MOBILITY'S WIRELESS TELECOMMUNICATIONS NETWORK WITHIN AN RH-2 (RESIDENTIAL-HOUSE, TWO FAMILY) ZONING DISTRICT, AND A 40-X HEIGHT AND BULK DISTRICT.

PREAMBLE

On November 18, 2011, AT&T Mobility (hereinafter "Project Sponsor"), submitted an application (hereinafter "Application"), for a Conditional Use Authorization on the property at 2350 Turk Boulevard, Lot 006, in Assessor's Block 1107, (hereinafter "Project Site") to install a wireless telecommunications service facility (hereinafter "WTS") consisting of nine partially screened panel antennas and equipment located on the roof and in the basement of the subject building, as part of AT&T Mobility's telecommunications network, within an RH-2 (Residential-House, Two Family) District, and a 40-X Height and Bulk District.

The Project is exempt from the California Environmental Quality Act ("CEQA") as a Class 3 Categorical Exemption (Section 15303 of the California Environmental Quality Act). The Planning Commission has reviewed and concurs with said determination. The categorical

exemption and all pertinent documents may be found in the files of the Planning Department (hereinafter "Department"), as the custodian of records, at 1650 Mission Street, San Francisco.

On July 17, 2014, the San Francisco Planning Commission (hereinafter "Commission") conducted a duly noticed public hearing at a regularly scheduled meeting on the Application for a Conditional Use Authorization.

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

MOVED, that the Commission hereby authorizes the Conditional Use in Application No. 2011.1310C, subject to the conditions contained in "EXHIBIT A" of this motion, based on the following findings:

FINDINGS

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

1. The above recitals are accurate and constitute findings of this Commission.
2. **Site Description and Present Use.** The Project Site is located on Assessor's Block 1107, Lot 006 along the north side of Turk Boulevard, between Tamalpais Terrace and Annapolis Terrace. The Subject building is an approximately 51-foot tall, four-story building which serves as the University of San Francisco's (USF) School of Education.

The Subject building also features an existing Sprint macro WTS facility (Case No. 2000.036C) composed two (2) panel antennas mounted on the west and east facades (1 antenna per facade) of the Project Site. Electronic equipment supporting the Sprint macro WTS facility is located in an existing rooftop mechanical penthouse.

3. **Surrounding Properties and Neighborhood.** The Project Site lies within the Inner Richmond neighborhood and is surrounded by the University of San Francisco campus to the west (administration building) and east (parish buildings), and low-rise (two and three stories) residential neighborhoods to the north and to the south, across Turk Boulevard.
4. **Project Description.** The proposal is to allow the development of an AT&T Mobility macro wireless telecommunication services ("WTS") facility. The macro WTS facility would consist of nine (9) partially screened rooftop mounted panel antennas and electronic equipment necessary to run the facility on the roof and in the basement of an existing institutional building (University of San Francisco's School of Education).

The proposed antennas would measure approximately 50" high, by 23" wide, by 9"

thick, and six (6) of the antennas (Sectors B and C) would be shrouded along the rear of each antenna in order to screen the mechanical equipment (pipe mount) used mount the antenna. The nine (9) antennas would be placed in three (3) locations (sectors), with three (3) antennas per sector. The Sector "A" antennas would be mounted next to the proposed equipment area platform near a rear corner of the building. The Sector "B" antennas would be placed near the western edge of the roof toward the rear of the building and setback approximately eight (8) feet from the nearest roof edge. The Sector "C" antennas would be placed near the center of the building along the Turk Boulevard frontage and setback toward the rear of the main roof.

Electronic equipment necessary to run the facility would be located in three locations. A portion of the equipment would be located on the main roof, near a rear corner, and additional electronic equipment would be located within a basement room. The roof-mounted equipment would include battery back-up cabinets, to provide backup power in the event of a power outage or disaster.

Additional rooftop equipment would be located near each of the three (3) antenna sectors and consist of radio relay units (RRUs), and condenser units, which would be placed at the base of the antennas. These elements would not be visible from adjacent public rights-of-way, such as Turk Boulevard, given their setback from roof edges, and the presence of an approximately three-foot tall parapet.

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

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

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

5. **Mixed-Use Buildings in High Density Districts:** buildings such as housing above commercial or other non-residential space.

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

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

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

6. **Location Preference.** The *WTS Facilities Siting Guidelines* identify different types of zoning districts and building uses for the siting of wireless telecommunications facilities. Under the *Guidelines*, and based on the land use, the WTS facility is proposed on a Location Preference 1 Site (Preferred Location, Publicly-Used Structure) according to the WTS Facilities Siting Guidelines.
7. **Radio Waves Range.** The Project Sponsor has stated that the proposed wireless network is designed to address coverage and capacity needs in the area. The network will operate in the 700 – 2,170 Megahertz (MHZ) bands, which are regulated by the Federal Communications Commission (FCC) and must comply with the FCC-adopted health and safety standards for electromagnetic radiation and radio frequency radiation.
8. **Radiofrequency (RF) Emissions:** The Project Sponsor retained Hammett & Edison, Inc., a radio engineering consulting firm, to prepare a report describing the expected RF emissions from the proposed facility. Pursuant to the *Guidelines*, the Department of Public Health reviewed the report and determined that the proposed facility complies with the standards set forth in the Guidelines.
9. **Department of Public Health Review and Approval.** The proposed Project was referred to the Department of Public Health (DPH) for emissions exposure analysis. Existing radio-frequency (RF) levels at ground level were around 2% of the FCC public exposure limit.

AT&T Mobility proposes to install nine (9) panel antennas. The antennas will be

mounted at a height of approximately 58 feet above the ground. The estimated ambient RF field from the proposed AT&T Mobility transmitters at ground level is calculated to be 0.018 mW/sq. cm., which is 3% of the FCC public exposure limit. The three dimensional perimeter of RF levels equal to the public exposure limit extends 79 feet and does not reach any publicly accessible areas, including the new roof deck. Warning signs must be posted at the antennas and roof access points in English, Spanish, and Chinese. Workers should not have access to the area (35 feet) directly in front of the antenna while it is in operation.

10. **Coverage and Capacity Verification.** The maps, data, and conclusion provided by AT&T Mobility to demonstrate need for outdoor and indoor coverage and capacity have been determined by Hammett & Edison, an engineering consultant and independent third party to accurately represent the carrier's present and post-installation conclusions.
11. **Maintenance Schedule.** The proposed facility would operate without on-site staff but with a two-person maintenance crew visiting the property approximately once a month and on an as-needed basis to service and monitor the facility.
12. **Community Outreach.** Per the *Guidelines*, the Project Sponsor held a community meeting at the City College of San Francisco – John Adams Campus, at 1860 Hayes Street, to discuss the Project at 7:00 p.m. on April 11, 2012. Ten (10) community members attended the meeting. Additional community meetings were held, in 2012, with USF faculty and/or students on May 9th, May 15th, September 17th and November 14th. Concerns raised at those meetings primarily included health concerns related to radio-frequency (RF) emissions.
13. **Five-year plan:** Per the *Guidelines*, the Project Sponsor submitted an updated five-year plan, as required, in April 2014.
14. **Public Comment.** As of July 10, 2014, the Department has received six calls from residents in opposition to the Project based on health concerns related to radio-frequency (RF) emissions.
15. **Planning Code Compliance.** The Commission finds that the Project is consistent with the relevant provisions of the Planning Code in the following manner:
 - A. **Use.** Per Planning Code Section 209.6(b), a Conditional Use Authorization is required for the installation of utility installation, including a wireless telecommunication services facility.
16. **Planning Code Section 303** establishes criteria for the Planning Commission to consider when reviewing applications for Conditional Use approval. On balance, the Project does comply with said criteria in that:

A. The proposed new uses and building, at the size and intensity contemplated and at the proposed location, will provide a development that is necessary or desirable, and compatible with, the neighborhood or the community.

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

The proposed project at 2350 Turk Boulevard 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 nature of the vicinity. The placement of antennas and related support and protection features are so located, designed, and treated architecturally to minimize their visibility from public places, to avoid intrusion into public vistas, to avoid disruption of the architectural design integrity of buildings, and insure harmony with the existing neighborhood character and promote public safety. The Project has been reviewed and determined to not cause the removal or alteration of any significant architectural features of the subject building.

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

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

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

The proposed Project at 2350 Turk Boulevard is necessary in order to achieve sufficient street and in-building mobile phone coverage and data capacity. Recent drive tests in the subject area conducted by the AT&T Mobility Radio Frequency Engineering Team provide that the Project Site is the most viable location, based on factors including quality of coverage and aesthetics.

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

of the project that could be detrimental to the health, safety or convenience of those residing or working the area, in that:

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

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

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

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

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

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

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

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

All of the antennas and roof-mounted equipment areas are partially screened, or so located so as to approximate mechanical appurtenances normally found on similar building rooftops. Related electronic equipment would be placed at a height and setback from roof edge so as to be minimally visible from adjacent public rights-of-way. The proposed antennas and equipment will not affect landscaping, open space, 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 Project site is not located in a Neighborhood Commercial District.

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

HOUSING ELEMENT
Objectives and Policies

BALANCE HOUSING CONSTRUCTION AND COMMUNITY INFRASTRUCTURE

OBJECTIVE 12:

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

Policy 12.3:

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

The Project will improve AT&T Mobility's coverage and capacity along Turk Boulevard, portions of the University of San Francisco Lone Mountain Campus, and surrounding neighborhoods within the Inner Richmond.

URBAN DESIGN ELEMENT
Objectives and Policies

HUMAN NEEDS

OBJECTIVE 4:

IMPROVEMENT OF THE NEIGHBORHOOD ENVIRONMENT TO INCREASE PERSONAL SAFETY, COMFORT, PRIDE AND OPPORTUNITY.

Policy 4.14:

Remove and obscure distracting and cluttering elements.

The proposed antennas and rooftop equipment, where visible from adjacent public rights-of-way, would be located in such a manner as to approximate mechanical appurtenances associated with a similar building rooftop. The height, setback from roof edge, and use of shrouding (for six [6] of the nine [9] proposed antennas), would ensure the facility does not appear cluttered or distracting.

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:

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

Policy 2:

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

The Project would 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 1:

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

Policy 3:

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

The Site is 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 1:

Maintain and enhance a favorable business climate in the City.

Policy 2:

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

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

VISITOR TRADE ELEMENT

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:

ENSURE THE PROTECTION OF LIFE AND PROPERTY FROM THE EFFECTS OF FIRE OR NATURAL DISASTER THROUGH ADEQUATE EMERGENCY OPERATIONS PREPARATION.

Policy 1:

Maintain a local agency for the provision of emergency services to meet the needs of San Francisco.

Policy 2:

Develop and maintain viable, up-to-date in-house emergency operations plans, with necessary equipment, for operational capability of all emergency service agencies and departments.

Policy 3:

Maintain and expand agreements for emergency assistance from other jurisdictions to ensure adequate aid in time of need.

Policy 4:

Establish and maintain an adequate Emergency Operations Center.

Policy 5:

Maintain and expand the city's fire prevention and fire-fighting capability.

Policy 6:

Establish a system of emergency access routes for both emergency operations and evacuation.

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

18. **Planning Code Section 101.1(b)** establishes eight priority-planning policies and requires review of permits for consistency with said policies. On balance, the project does comply 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.

No neighborhood-serving retail use would be displaced and the wireless communications network will enhance personal communication services.

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 would be displaced or altered in any way by the granting of this Authorization. The facility consists of roof-mounted equipment and an equipment area in the basement. The roof-mounted equipment would be partially screened and minimally visible, and would therefore not adversely affect the neighborhood character.

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

The Project would 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 would not be significantly impeded and neighborhood parking would 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 would cause no displacement of industrial and service sector activity.

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

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

- G. That landmarks and historic buildings be preserved.

The Project Site is considered a Known Historic Resource. Portions of the proposed WTS facility, including six (6) of the (9) panel antennas, would be visible from adjacent public rights of way, but would not obscure or detract from the subject building, or adjacent historic resources, such as the administration building at the USF Lone Mountain Campus. The antennas and roof mounted equipment are not attached to the primary façades, cornices, or any character defining elements exhibiting craftsmanship.

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

The Project will have no adverse effect on parks or open space, or their access to sunlight or public vistas.

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

DECISION

The Commission, after carefully balancing the competing public and private interests, and based upon the Recitals and Findings set forth above, in accordance with the standards specified in the Code, hereby approves the Conditional Use Authorization under Planning Code Sections 209.6(b) and 303 to install nine partially screened panel antennas and associated equipment cabinets on the roof and in the basement of the Project Site and as part of a wireless transmission network operated by AT&T Mobility on a Location Preference 1 (Preferred Location, Publicly-Used Structure, University of San Francisco's School of Education) according to the Wireless Telecommunications Services (WTS) Facilities Siting Guidelines, within an RH-2 (Residential, House, Two-Family) District, and a 40-X Height and Bulk District, and subject to the conditions of approval attached hereto as **Exhibit A**; in general conformance with the plans, dated January 13, 2014, and stamped "Exhibit B."

APPEAL AND EFFECTIVE DATE OF MOTION: Any aggrieved person may appeal this Conditional Use Authorization to the Board of Supervisors within thirty (30) days after the date of this Motion No. XXXXX. The effective date of this Motion shall be the date of this Motion if not appealed (after the 30-day period has expired) OR the date of the decision of the Board of Supervisors if appealed to the Board of Supervisors. For further information, please contact the Board of Supervisors at (415) 554-5184, City Hall, Room 244, 1 Dr. Carlton B. Goodlett Place, San Francisco, CA 94102.

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

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

Motion No. XXXXX
Hearing Date: July 17, 2014

CASE NO. 2011.1310C
2350 Turk Boulevard

I hereby certify that the foregoing Motion was adopted by the Planning Commission on **July 17, 2014**.

Jonas P. Ionin
Commission Secretary

AYES:

NAYS:

ABSENT:

ADOPTED: July 17, 2014

EXHIBIT A

AUTHORIZATION

This authorization is for a Conditional Use Authorization under Planning Code Sections 209.6(b) and 303 to install nine partially screened panel antennas and associated equipment cabinets on the roof and in the basement of the Project Site and as part of a wireless transmission network operated by AT&T Mobility on a Location Preference 1 (Preferred Location, Publicly-Used Structure, University of San Francisco's School of Education) according to the Wireless Telecommunications Services (WTS) Facilities Siting Guidelines, within an RH-2 (Residential, House, Two-Family) District, and a 40-X Height and Bulk District, and subject to the conditions of approval attached hereto as **Exhibit A**; in general conformance with the plans, dated January 13, 2014, and stamped "Exhibit B."

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 17, 2014** under Motion No. XXXXX.

PRINTING OF CONDITIONS OF APPROVAL ON PLANS

The conditions of approval under the 'Exhibit A' of this Planning Commission Motion No. XXXXX 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 and Expiration.** The authorization and right vested by virtue of this action is valid for three (3) years from the effective date of the Motion. A building permit from the Department of Building Inspection to construct the project and/or commence the approved use must be issued as this Conditional Use Authorization is only an approval of the proposed project and conveys no independent right to construct the Project or to commence the approved use. The Planning Commission may, in a public hearing, consider the revocation of the approvals granted if a site or building permit has not been obtained within three (3) years of the date of the Motion approving the Project. 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. The Commission may also consider revoking the approvals if a permit for the Project has been issued but is allowed to expire and more than three (3) years have passed since the Motion was approved.

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

2. **Extension.** This authorization may be extended at the discretion of the Zoning Administrator only where failure to issue a permit by the Department of Building Inspection to perform said tenant improvements is caused by a delay by a local, State or Federal agency or by any appeal of the issuance of such permit(s).

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

DESIGN – COMPLIANCE AT PLAN STAGE

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

For information about compliance, contact the Case Planner, Planning Department at 415-575-9078, www.sf-planning.org.

4. **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. Antennas 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 415-575-9078, www.sf-planning.org.

MONITORING - AFTER ENTITLEMENT

5. **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

6. **Monitoring.** The Project requires monitoring of the conditions of approval in this Motion. The Project Sponsor or the subsequent responsible parties for the Project shall pay fees as established under Planning Code Section 351(e) (1) and work with the Planning Department for information about compliance.

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

7. **Revocation due to Violation of Conditions.** Should implementation of this Project result in complaints from interested property owners, residents, or commercial lessees which are not resolved by the Project Sponsor and found to be in violation of the Planning Code and/or the specific Conditions of Approval for the Project as set forth in Exhibit A of this Motion, the Zoning Administrator shall refer such complaints to the Commission, after which it may hold a public hearing on the matter to consider revocation of this authorization.

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

8. **Implementation Costs - WTS.**

- a. 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.
- b. 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.
- c. 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

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

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

10. **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.
 - i. **Notification and Testing.** The Project Implementation Report shall set forth the testing and measurements undertaken pursuant to Conditions 2 and 4.
 - ii. **Approval.** The Zoning Administrator shall request that the Certification of Final Completion for operation of the facility not be issued by the Department of Building Inspection until such time that the Project Implementation Report is approved by the Department for compliance with these conditions.

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

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

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

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

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

13. **Periodic Safety Monitoring - WTS.** The Project Sponsor shall submit to the Zoning Administrator 10 days after installation of the facilities, and every two years thereafter, a certification attested to by a licensed engineer expert in the field of EMR/RF emissions, that

the facilities are and have been operated within the then current applicable FCC standards for RF/EMF emissions.

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

OPERATION

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

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

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

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

16. **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.

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

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

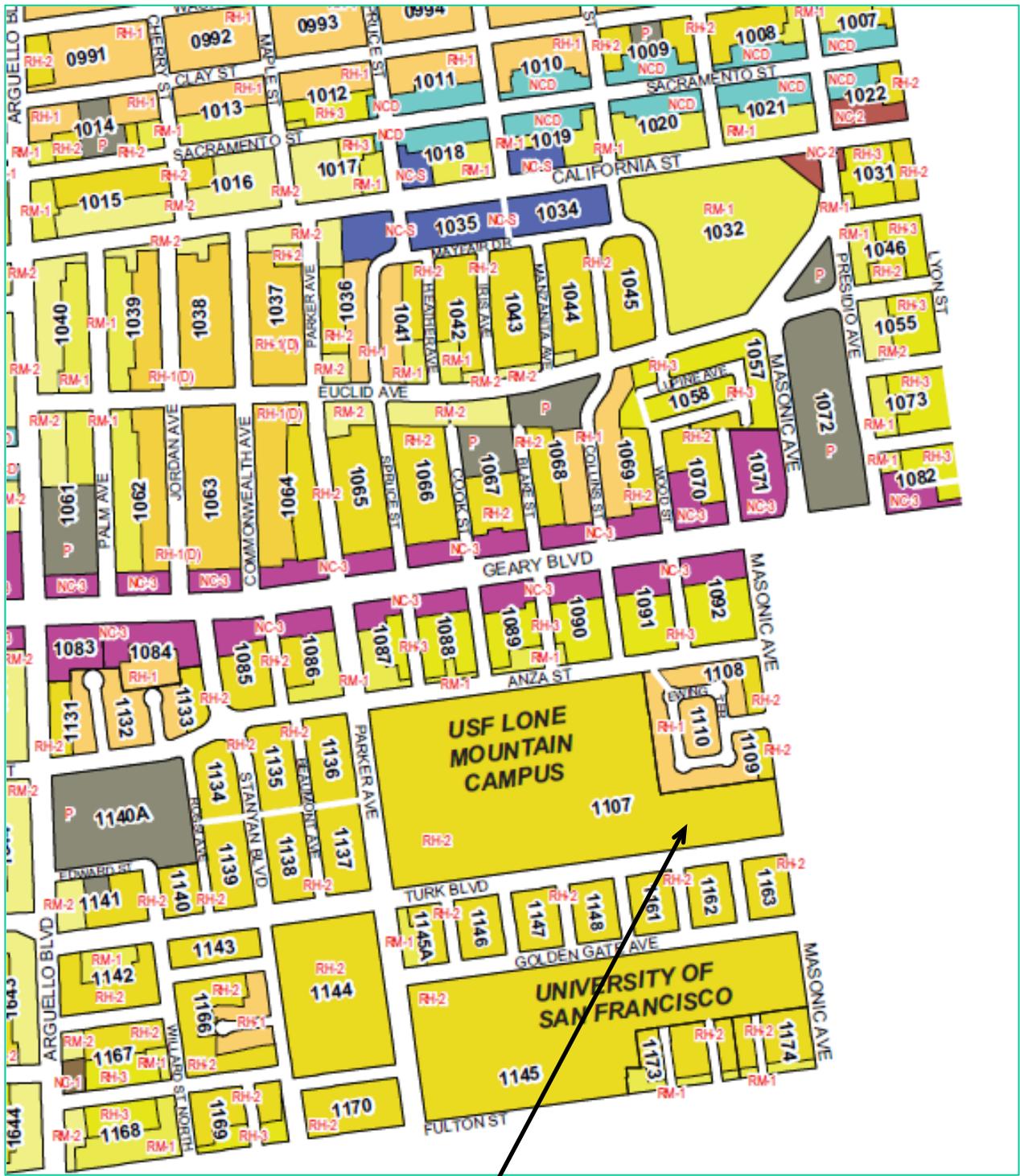
18. **Transfer of Operation – WTS.** Any carrier/provider authorized by the Zoning Administrator or by the Planning Commission to operate a specific WTS installation may assign the operation of the facility to another carrier licensed by the FCC for that radio frequency provided that such transfer is 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

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

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

Zoning Map

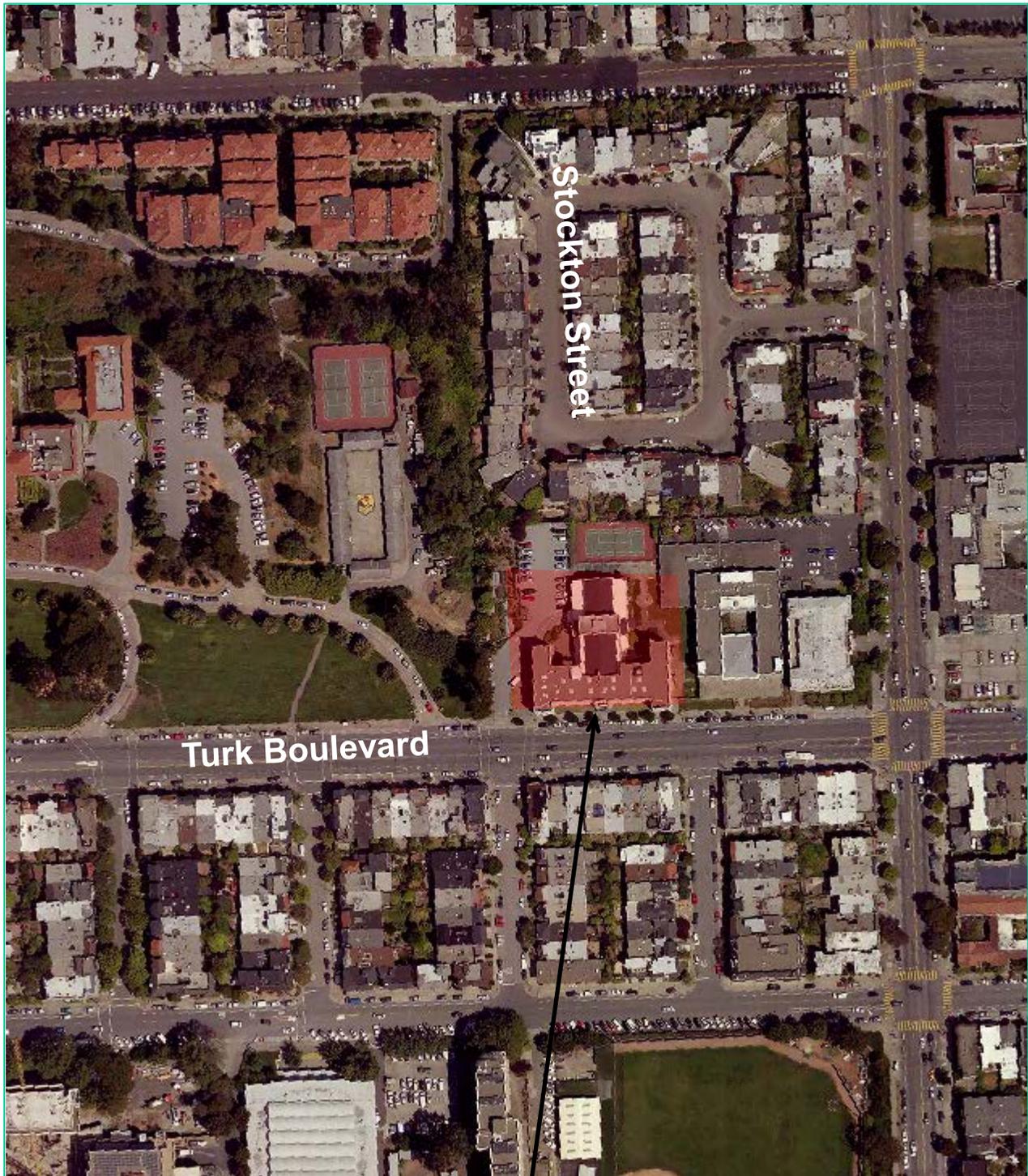


SUBJECT PROPERTY



Case Number 2011.1310C
AT&T Mobility Macro WTS Facility
2350 Turk Boulevard

Aerial Photo

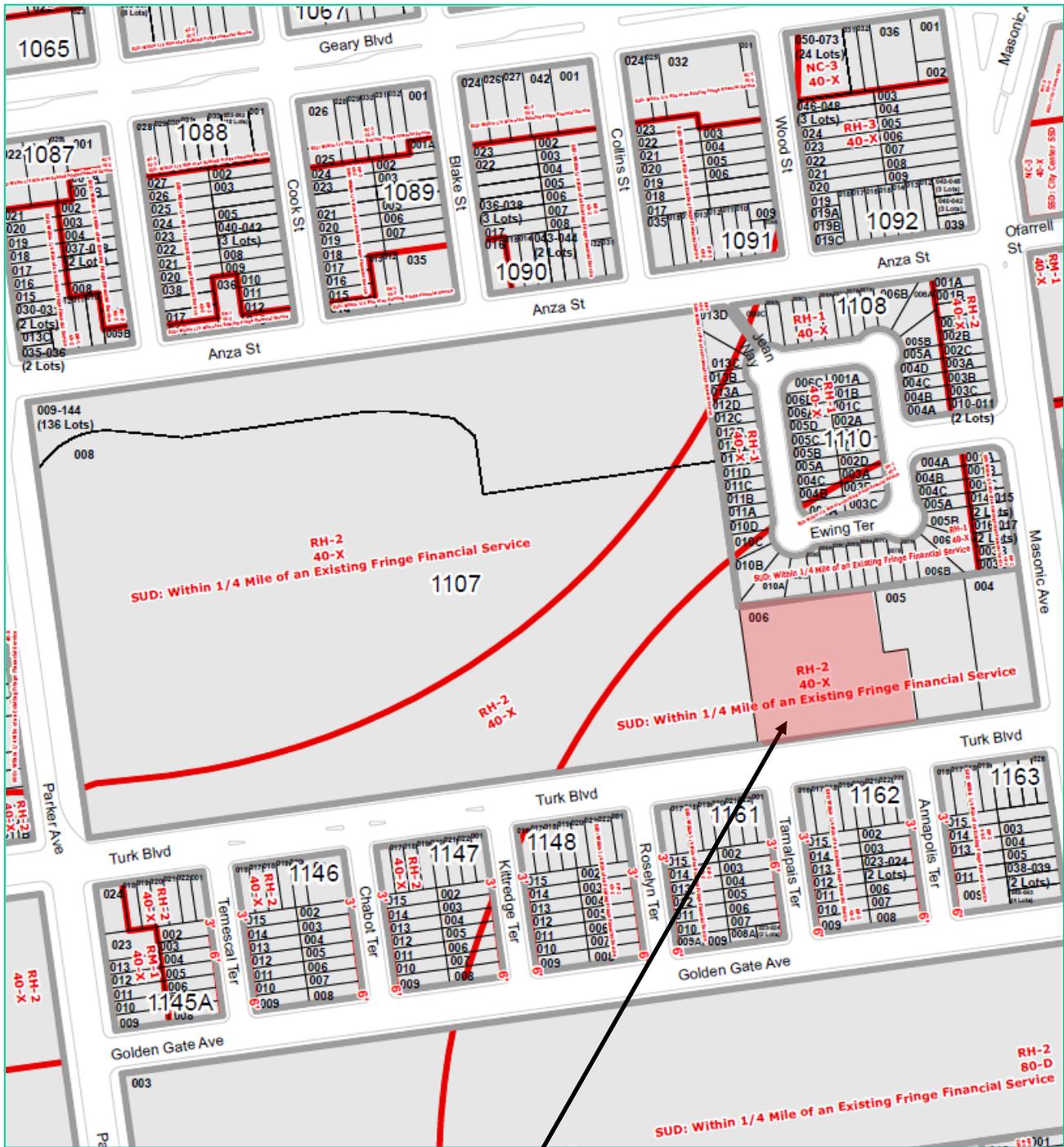


SUBJECT PROPERTY



Case Number 2011.1310C
AT&T Mobility Macro WTS Facility
2350 Turk Boulevard

Parcel Map

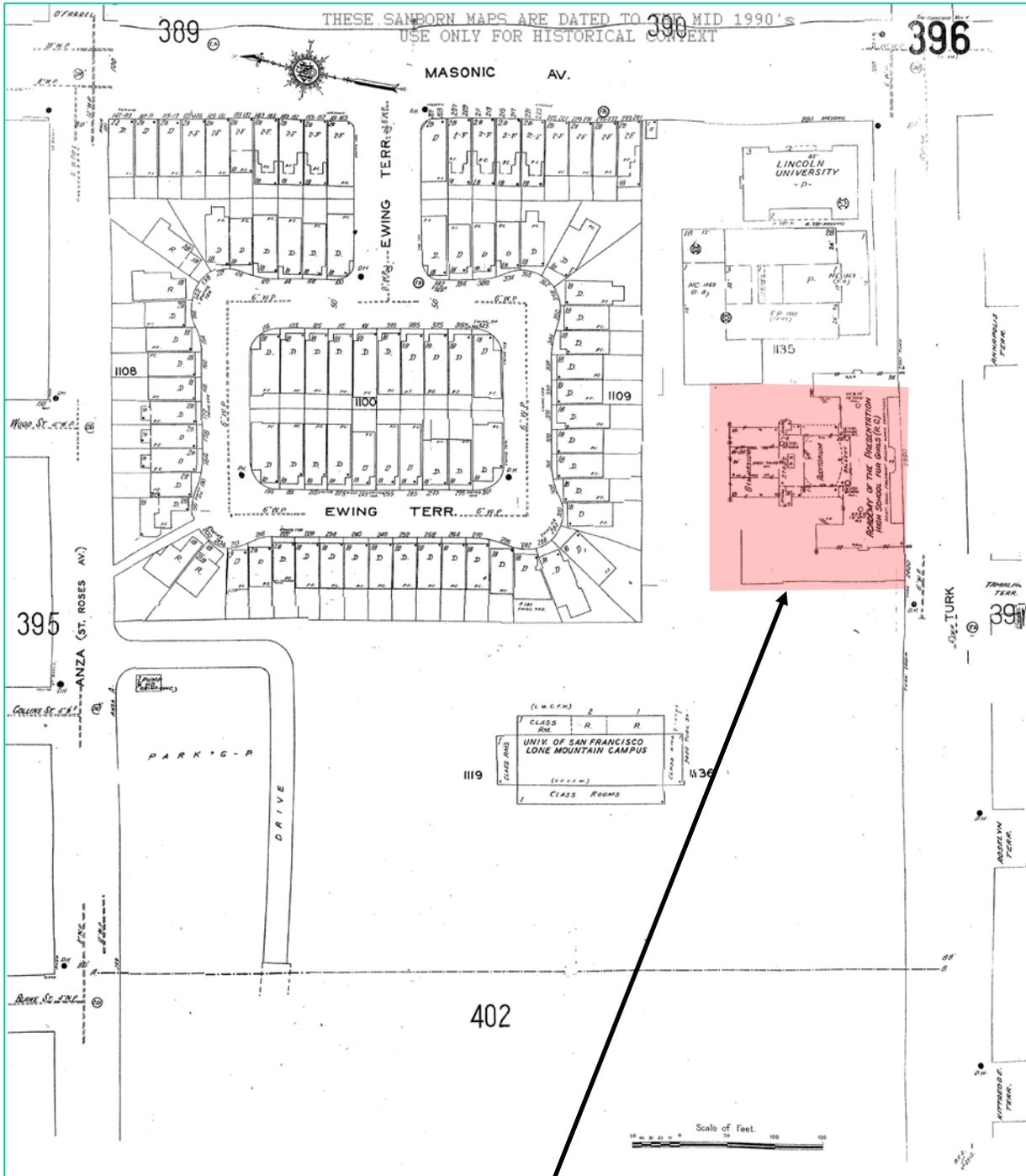


SUBJECT PROPERTY



Case Number 2011.1310C
AT&T Mobility Macro WTS Facility
2350 Turk Boulevard

Sanborn Map*



SUBJECT PROPERTY

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



G. Contextual Photographs

The following are photographs of the surrounding buildings within 100-feet of the subject property showing the facades and heights of nearby buildings:



Subject site, USF School of Education



Subject block looking west, north side of Turk Boulevard



Subject block looking east, north side of Turk Boulevard



Opposite block looking west, south side of Turk Boulevard



Opposite block looking east, south side of Turk Boulevard

Existing



Proposed



proposed AT&T equipment & antenna sector A

Photo simulation as seen looking southwest from Ewing Road

Existing



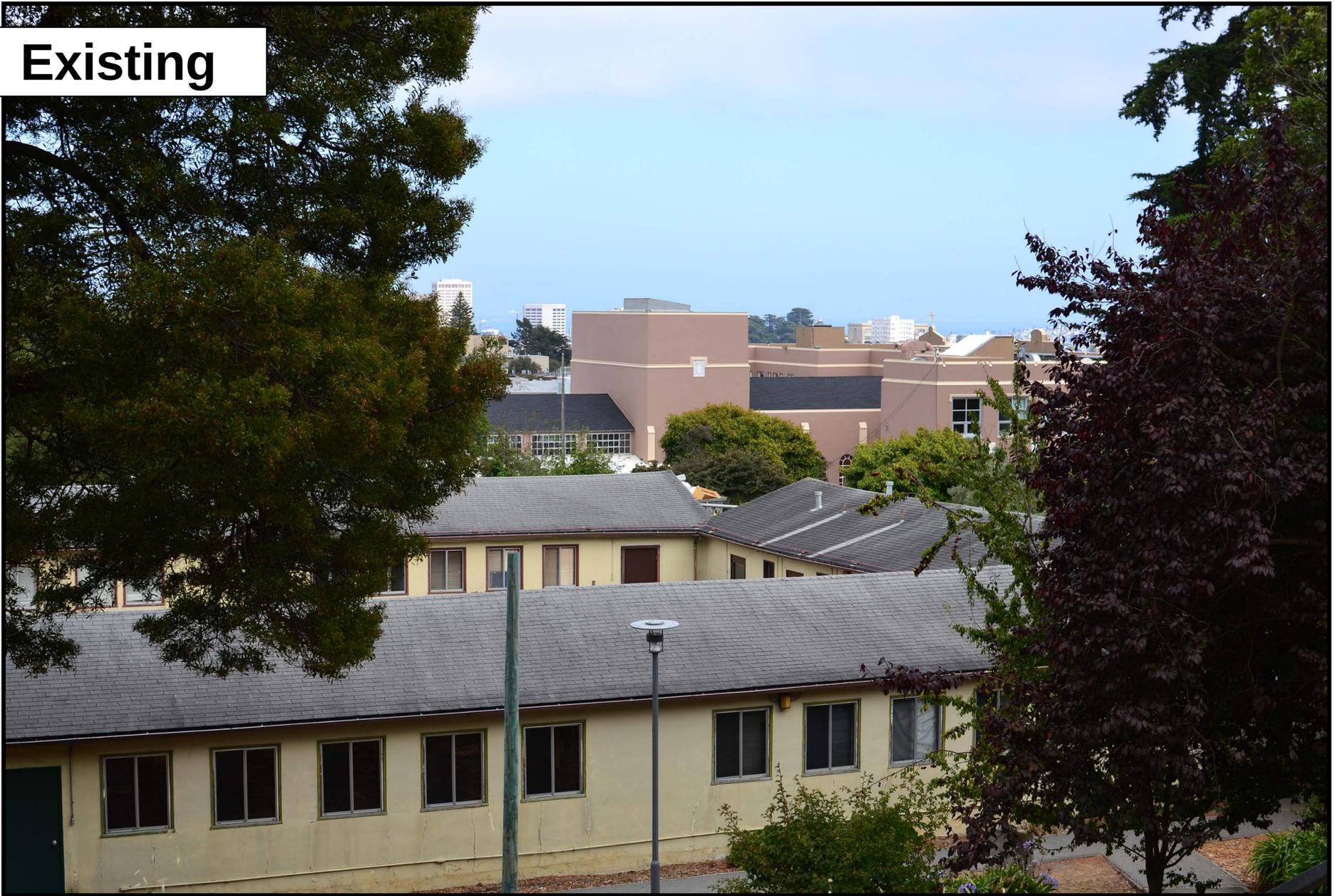
Proposed



proposed AT&T installation not visible beyond roof line

Photo simulation as seen looking west from Masonic Ave and Turk Blvd

Existing



Proposed

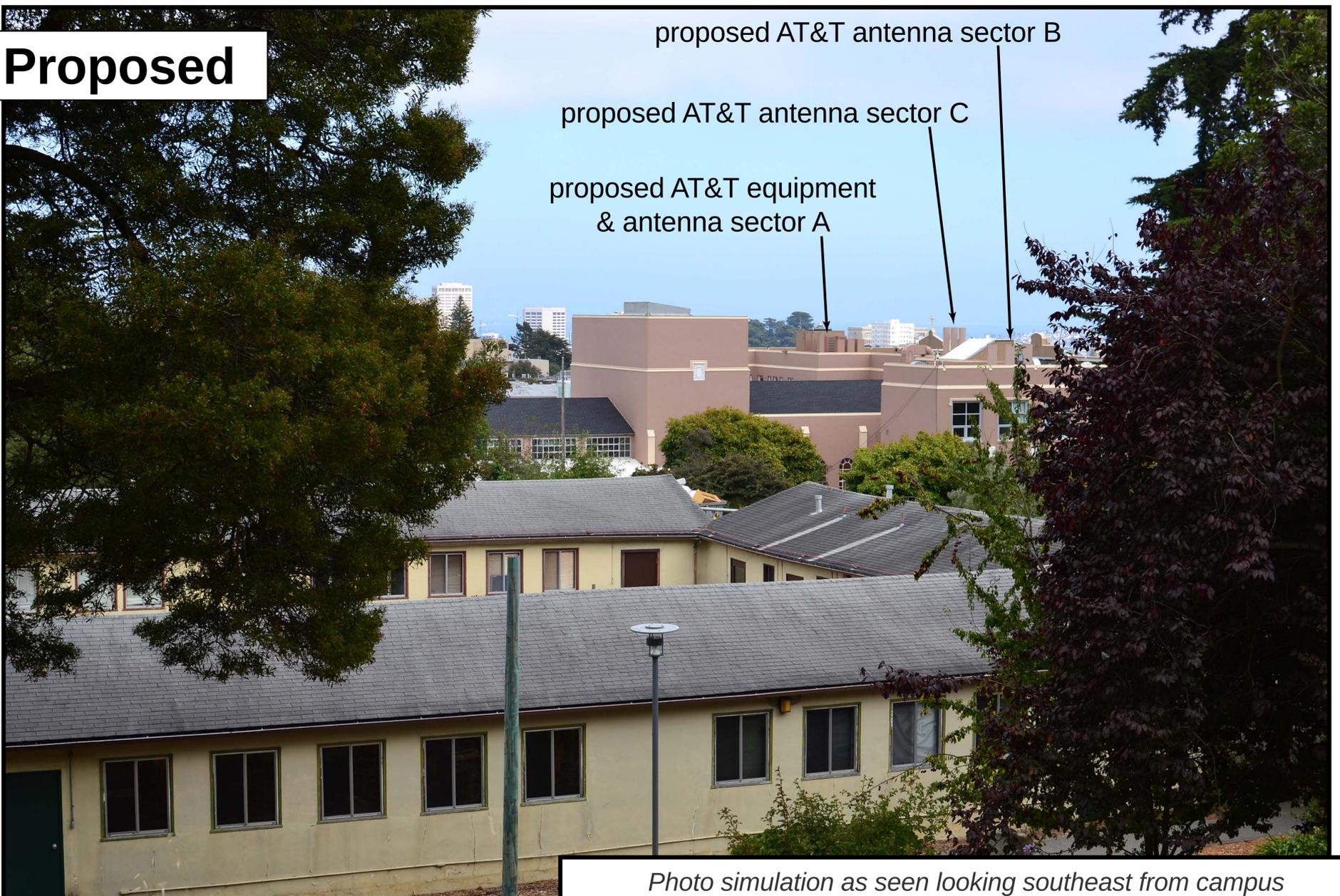


Photo simulation as seen looking southeast from campus

Existing



Proposed



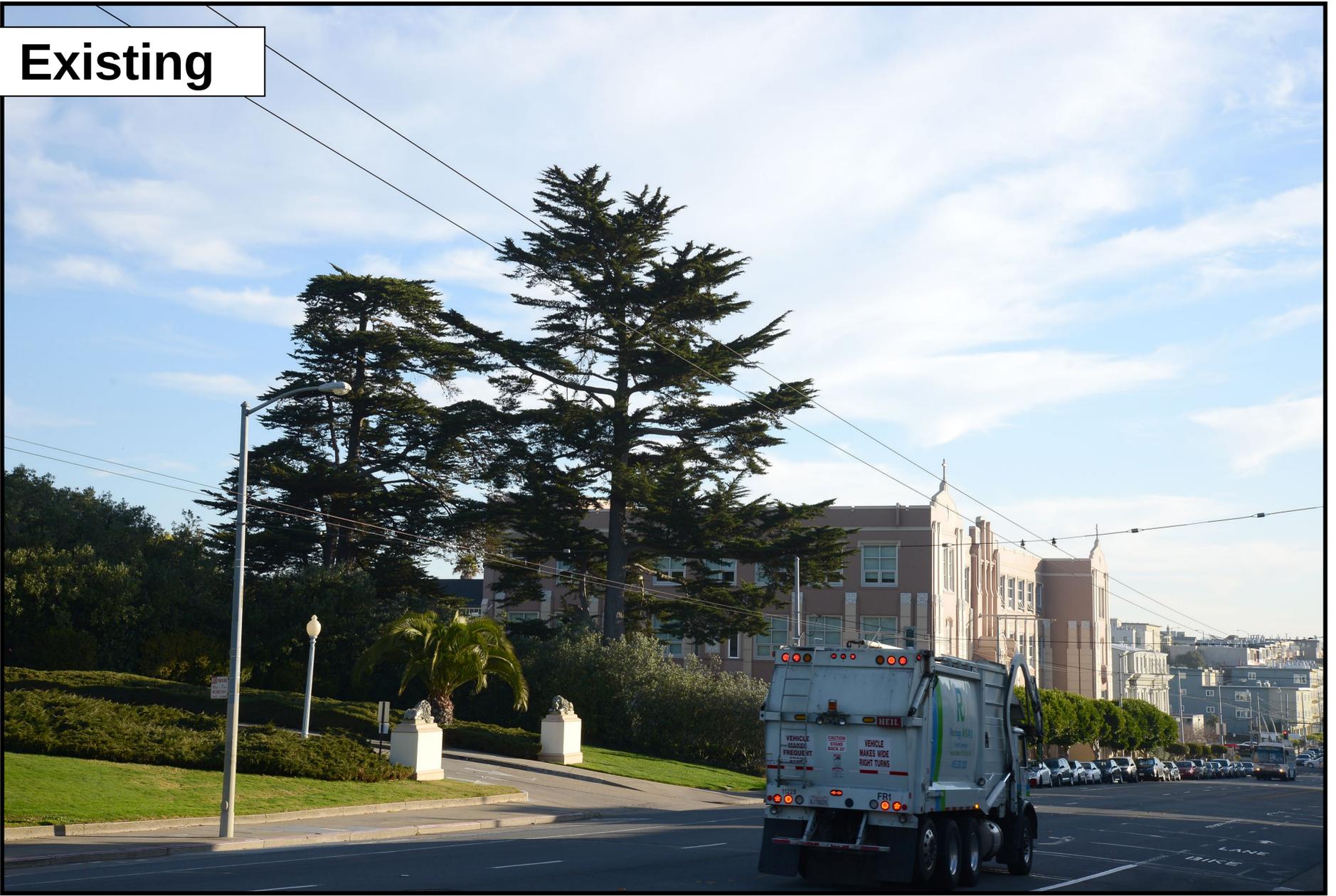
Photo simulation as seen looking northeast from Turk Street

Prepared by: **WW** 01.08.2014
WW Design & Consulting, Inc.
1654 Candellero Court
Walnut Creek, CA 94598
info@photosims.com



CC5229 USF School of Education
2350 Turk Boulevard, San Francisco, CA 94118

Existing



Proposed

proposed AT&T antenna sector B



Photo simulation as seen looking northeast from Turk St at Roselyn Terrace

Existing



Proposed

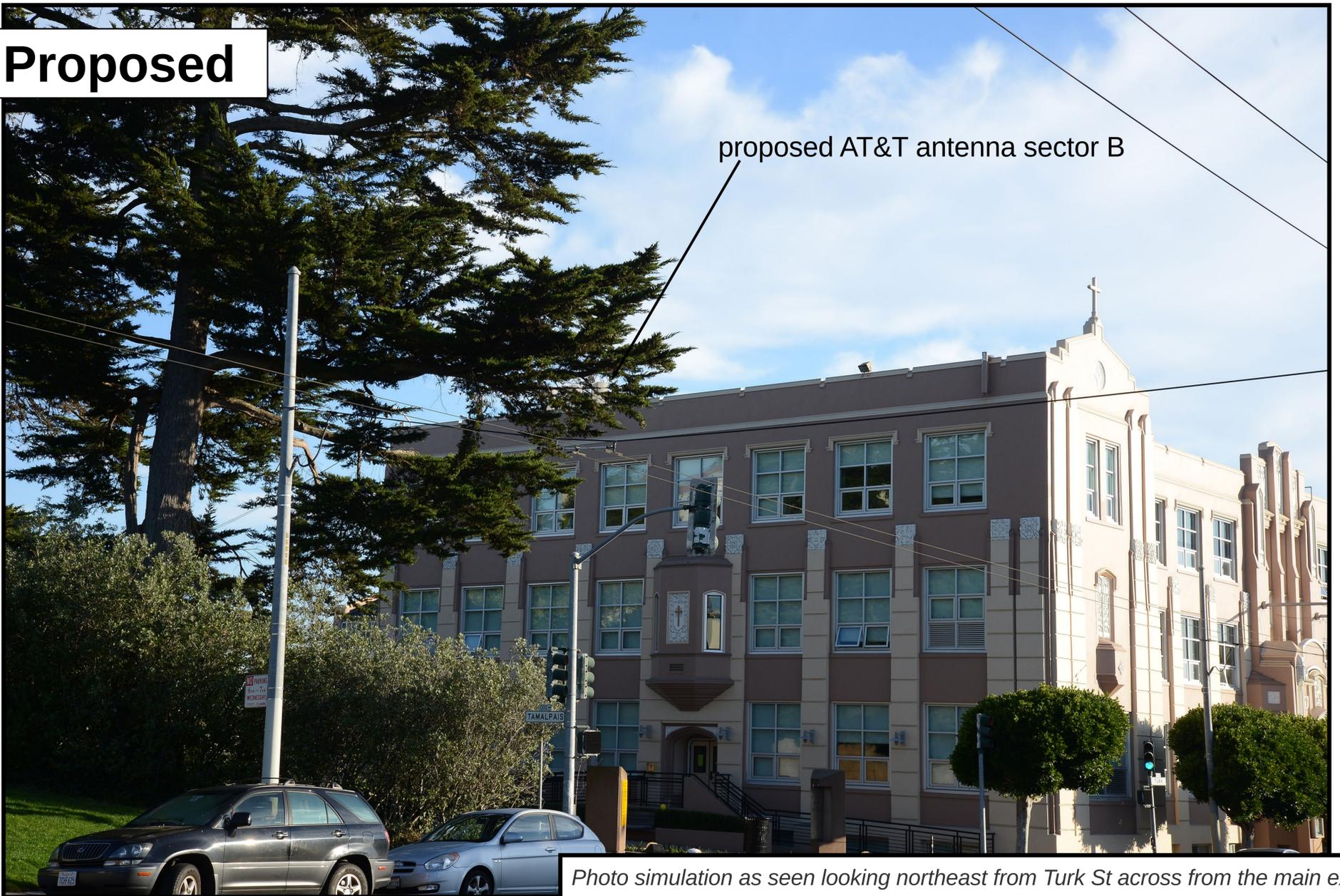


Photo simulation as seen looking northeast from Turk St across from the main exit

**AT&T Mobility • Proposed Base Station (Site No. CC5229B)
2350 Turk Boulevard • San Francisco, California**

Statement of Hammett & Edison, Inc., Consulting Engineers

The firm of Hammett & Edison, Inc., Consulting Engineers, has been retained on behalf of AT&T Mobility, a personal wireless telecommunications carrier, to evaluate the base station (Site No. CC5229B) proposed to be located at 2350 Turk Boulevard in San Francisco, California, for compliance with appropriate guidelines limiting human exposure to radio frequency (“RF”) electromagnetic fields.

Background

The San Francisco Department of Public Health has adopted a 10-point checklist for determining compliance of proposed WTS facilities or proposed modifications to such facilities with prevailing safety standards. The acceptable limits set by the FCC for exposures of unlimited duration are:

Wireless Service	Frequency Band	Occupational Limit	Public Limit
Microwave (Point-to-Point)	5,000–80,000 MHz	5.00 mW/cm ²	1.00 mW/cm ²
BRS (Broadband Radio)	2,600	5.00	1.00
WCS (Wireless Communication)	2,300	5.00	1.00
AWS (Advanced Wireless)	2,100	5.00	1.00
PCS (Personal Communication)	1,950	5.00	1.00
Cellular	870	2.90	0.58
SMR (Specialized Mobile Radio)	855	2.85	0.57
700 MHz	700	2.40	0.48
[most restrictive frequency range]	30–300	1.00	0.20

The site was visited by Mr. Sammit Nene, a qualified engineer employed by Hammett & Edison, Inc., during normal business hours on May 16, 2013, a non-holiday weekday, and reference has been made to information provided by AT&T, including zoning drawings by Streamline Engineering and Design, Inc., dated January 13, 2014.

Checklist

1. The location of all existing antennas and facilities at site. Existing RF levels.

Located on the building were directional panel antennas for use by Sprint Nextel. Existing RF levels for a person at ground near the site were less than 2% of the most restrictive public exposure limit. The measurement equipment used was a Wandel & Goltermann Type EMR-300 Radiation Meter with Type 18 Isotropic Electric Field Probe (Serial No. C-0010). The meter and probe were under current calibration by the manufacturer.

2. The location of all approved (but not installed) antennas and facilities. Expected RF levels from approved antennas.

No other WTS facilities are reported to be approved for this site but not installed.

AT&T Mobility • Proposed Base Station (Site No. CC5229B)
2350 Turk Boulevard • San Francisco, California

3. The number and types of WTS within 100 feet of proposed site and estimates of additive EMR emissions at proposed site.

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

4. Location (and number) of Applicant's antennas and back-up facilities per building and location (and number) of other WTS at site.

AT&T proposes to install nine CCI directional panel antennas – six Model HPA-33R-BUU-H4-K and three Model HPA-45R-BUU-H4-K – on short poles above the roof of the four-story University of San Francisco School of Education building located at 2350 Turk Boulevard. Two groups of three Model HPA-33R antennas each would be mounted with up to 6° downtilt at effective heights of about 57½ and 59 feet above ground, 6½ and 8 feet above the roof, and would be oriented toward 10°T and 200°T, respectively. The Model HPA-45R antennas would be mounted with up to 6° downtilt at an effective height of about 57 feet above ground, 6 feet above the roof, and would be oriented toward 290°T.

Sprint Nextel has mounted two directional panel antennas on the outside faces of the roof parapet, one at the southwest corner and the other at the southeast corner, oriented away from the building toward the west and east, respectively.

5. Power rating (maximum and expected operating power) for all existing and proposed backup equipment subject to application.

The expected operating power of the AT&T transmitters is reflected in the resulting effective radiated power given in Item 6 below; the transmitters may operate at a power below their maximum rating. The power rating for the Sprint Nextel transmitters is not known.

6. Total number of watts per installation and total number of watts for all installations at site.

The maximum effective radiated power proposed by AT&T in any direction is 13,800 watts, representing simultaneous operation at 3,600 watts for WCS, 7,000 watts for PCS, 1,000 watts for cellular, and 2,200 watts for 700 MHz service. The number of watts for the Sprint Nextel operation is not known, though its contribution to ambient RF levels at the site is reflected in the measurements reported in Item 1 above.

7. Plot or roof plan showing method of attachment of antennas, directionality of antennas, and height above roof level. Discuss nearby inhabited buildings.

The drawings show the antennas to be installed as described in Item 4 above. There were noted no buildings of similar height nearby.



AT&T Mobility • Proposed Base Station (Site No. CC5229B)
2350 Turk Boulevard • San Francisco, California

8. Estimated ambient RF levels for proposed site and identify three-dimensional perimeter where exposure standards are exceeded.

For a person anywhere at ground, the maximum RF exposure level due to the proposed AT&T operation by itself is calculated to be 0.018 mW/cm², which is 3.0% of the applicable public exposure limit. Ambient RF levels at ground level near the site are therefore estimated to be below 5% of the limit. The maximum calculated cumulative level at any nearby building* is 13% of the public limit. The three-dimensional perimeter of RF levels equal to the public exposure limit is calculated to extend up to 79 feet out from the AT&T antenna faces and to much lesser distances above, below, and to the sides; this includes areas of the roof of the building but does not reach any other publicly accessible areas.

9. Describe proposed signage at site.

It is recommended that barricades be erected, as shown in Figure 1, to preclude public access in front of the antennas. To prevent occupational exposures in excess of the FCC guidelines, it is recommended that appropriate RF safety training be provided to all authorized personnel who have access to the rooftop, including employees and contractors of the wireless carriers as well as roofers, HVAC workers, and building maintenance staff. No access within 35 feet directly in front of the antennas themselves, such as might occur during maintenance work on the roof, should be allowed while the base station is in operation, unless other measures can be demonstrated to ensure that occupational protection requirements are met. Marking a “Prohibited Access Area” with red paint stripes and “Worker Notification Areas” with yellow paint stripes on the roof of the building, as shown in Figure 1 attached, and posting explanatory signs† at the roof access door and on the antennas, such that the signs would be readily visible from any angle of approach to persons who might need to work within that distance, would be sufficient to meet FCC-adopted guidelines. Similar measures should already be in place for Sprint Nextel; the applicable keep-back distance for that carrier has not been determined as part of this study.

10. Statement of authorship.

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, 2015. 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.

* Located at least 90 feet away, based on photographs from Google Maps.

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



**AT&T Mobility • Proposed Base Station (Site No. CC5229B)
2350 Turk Boulevard • San Francisco, California**

Conclusion

Based on the information and analysis above, it is the undersigned's professional opinion that operation of the base station proposed by AT&T Mobility at 2350 Turk Boulevard 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 limitations; training of authorized personnel, marking roof areas, and posting explanatory signs are recommended to establish compliance with occupational exposure limitations.



William F. Hammett, P.E.

707/996-5200

February 26, 2014

AT&T Mobility • Proposed Base Station (Site No. CC5229B)
2350 Turk Boulevard • San Francisco, California

Suggested Minimum Locations for Barricades (green)
and for Striping to Identify “Prohibited Access Areas” (red)
and “Worker Notification Areas” (yellow)



Notes:

Base drawing from Streamline Engineering and Design, Inc., dated January 13, 2014.
Barricades should be erected as shown to preclude access by the public to indicated areas.
“Prohibited Access Areas” should be marked with red paint stripes, “Worker Notification Areas” should be marked with yellow paint stripes, and explanatory warning signs should be posted outside the areas, readily visible to authorized workers needing access. See text.

X 10. Statement on who produced this report and qualifications.

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 1986-NCRP **Approval of the subsequent Project Implementation Report is based on project sponsor completing recommendations by project consultant and DPH.**

Comments:

There are no antennas operated by AT&T Wireless installed on the roof top of the building at 2350 Turk Street. Existing RF levels at ground level were around 2% of the FCC public exposure limit. Sprint is also operating antennas at this location. AT&T Wireless proposes to install 9 new antennas. The antennas will be mounted at a height of 57 to 59 feet above the ground. The estimated ambient RF field from the proposed AT&T Wireless transmitters at ground level is calculated to be 0.018 mW/sq cm., which is 3% of the FCC public exposure limit. The three dimensional perimeter of RF levels equal to the public exposure limit extends 79 feet and includes portions of the rooftop. Barricades should be installed to prevent public access to these areas. Warning signs must be posted at the antennas, barricades and roof access points in English, Spanish and Chinese. Workers should not have access to within 35 feet of the front of the antennas while they are in operation. Prohibited access areas should be marked with red striping and worker notification zones with yellow striping on the rooftop.

 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: 3/6/2013

Patrick Fosdahl
Environmental Health Management Section
San Francisco Dept. of Public Health
1390 Market St., Suite 210,
San Francisco, CA. 94102
(415) 252-3904

AT&T MOBILITY CONDITIONAL USE PERMIT APPLICATION
2350 TURKBLVD.

STATEMENT OF GORDON SPENCER

I served as AT&T's radio frequency engineer with respect to the proposed wireless communications facility at 2350 Turk Blvd. (the "Property"). Based on my personal knowledge of the Property and with AT&T's wireless network, as well as my review of AT&T's records with respect to the Property and its wireless telecommunications facilities in the surrounding area, I have concluded that the work associated with this permit request is needed to close a significant service coverage gap in the area roughly bordered by Chabot Terrace, Anza, Fulton and Lyon Streets.

The service coverage gap is caused by obsolete and inadequate infrastructure along with increased use of wireless broadband services (3G Smartphone) in the area. As explained further in Exhibit 1, AT&T's existing facilities cannot adequately serve its customers in the desired area of coverage, let alone address rapidly increasing data usage. Although there is reasonable outdoor signal strength in the area, coverage indoors is weak and the quality of service overall is unacceptable.

AT&T uses Signal-to-Noise information to identify the areas in its network where capacity restraints limit service. This information is developed from many sources including terrain and clutter databases, which simulate the environment, and propagation models that simulate signal propagation in the presence of terrain and clutter variation. Signal-to-Noise information measures the difference between the signal strength and the noise floor within a radio frequency channel, which, in turn, provides a measurement of service quality in an area. Although the signal level may be adequate by itself, the noise level fluctuates with usage due to the nature of the 3G technology and at certain levels of usage the noise level rises to a point where the signal-to-noise ratio is not adequate to maintain a good level of service. In other words, while the signal itself fluctuates as a function of distance of the user from the base station, the noise level fluctuates with the level of usage on the network on all mobiles and base stations in the vicinity. Signal-to-Noise information identifies where the radio frequency channel is

usable; as noise increases during high usage periods, the range of the radio frequency channel declines such that the service coverage area for the cell restricts.

Exhibit 2 to this Statement is a map of existing service coverage (without the proposed installation at the Property) in the area at issue. It includes service coverage provided by existing AT&T sites. The green shaded areas depict areas within a Signal-to-Noise range that provide acceptable service coverage even during high demand periods. Thus, based upon current usage, customers are able to initiate and complete voice or data calls either outdoors or most indoor areas at any time of the day, independent of the number of users on the network. The yellow shaded cross-hatched areas depict areas within a Signal-to-Noise range that results in a service coverage gap during high demand periods. In this area, severe service interruptions occur during periods of high usage, but reliable and uninterrupted service may be available during low demand periods. The pink shaded areas depict areas within a Signal-to-Noise range where there is a service coverage gap at all times, especially indoors. The availability of reliable and uninterrupted voice and data service in all three of these areas can depend greatly upon whether a particular user is indoors, outdoors, stationary, or in transit. Under AT&T's wireless customer service standards, any area in the pink or yellow cross-hatched category is considered inadequate service coverage and constitutes a service coverage gap.

Exhibit 3 to this Statement depicts the current actual voice and data usage in the immediate area. In actuality, the service coverage footprint is constantly changing; wireless engineers call it "cell breathing" and during high usage periods, as depicted in the chart, the service coverage gap increases substantially. The time periods for which service is not available under highest usage conditions (as depicted in the yellow shaded cross-hatched area in Exhibit 2) is significant. Based upon my review of the maps, the usage data, and this additional data, it is my opinion that the service coverage gap is significant.

Exhibit 4 to this Statement is a map that predicts service coverage based on Signal-to-Noise information in the vicinity of the Property if antennas are placed as proposed in the application. As shown by this map, placement of the equipment at the Property closes the significant service coverage gap.

I have a Masters Degree in Electrical Engineering from the University of California (UCLA) and have worked as an engineering expert in the Wireless Communications Industry for over 25 years.

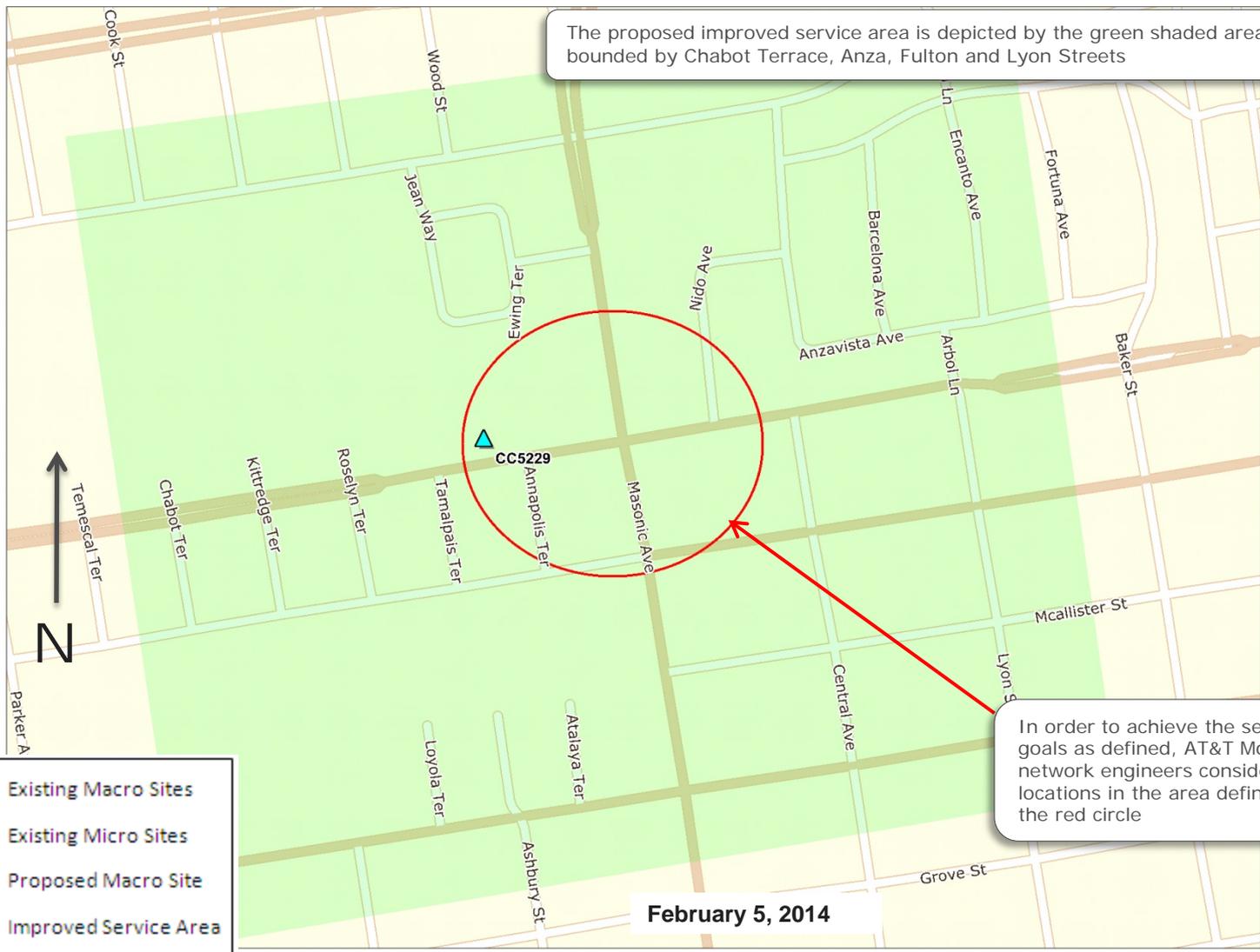
A handwritten signature in black ink that reads "Gordon Spencer". The signature is written in a cursive style and is positioned above a horizontal line.

Gordon Spencer

November 17, 2011

Service Enhancement Objective (CC5229)

2350 Turk Blvd



The proposed improved service area is depicted by the green shaded area roughly bounded by Chabot Terrace, Anza, Fulton and Lyon Streets

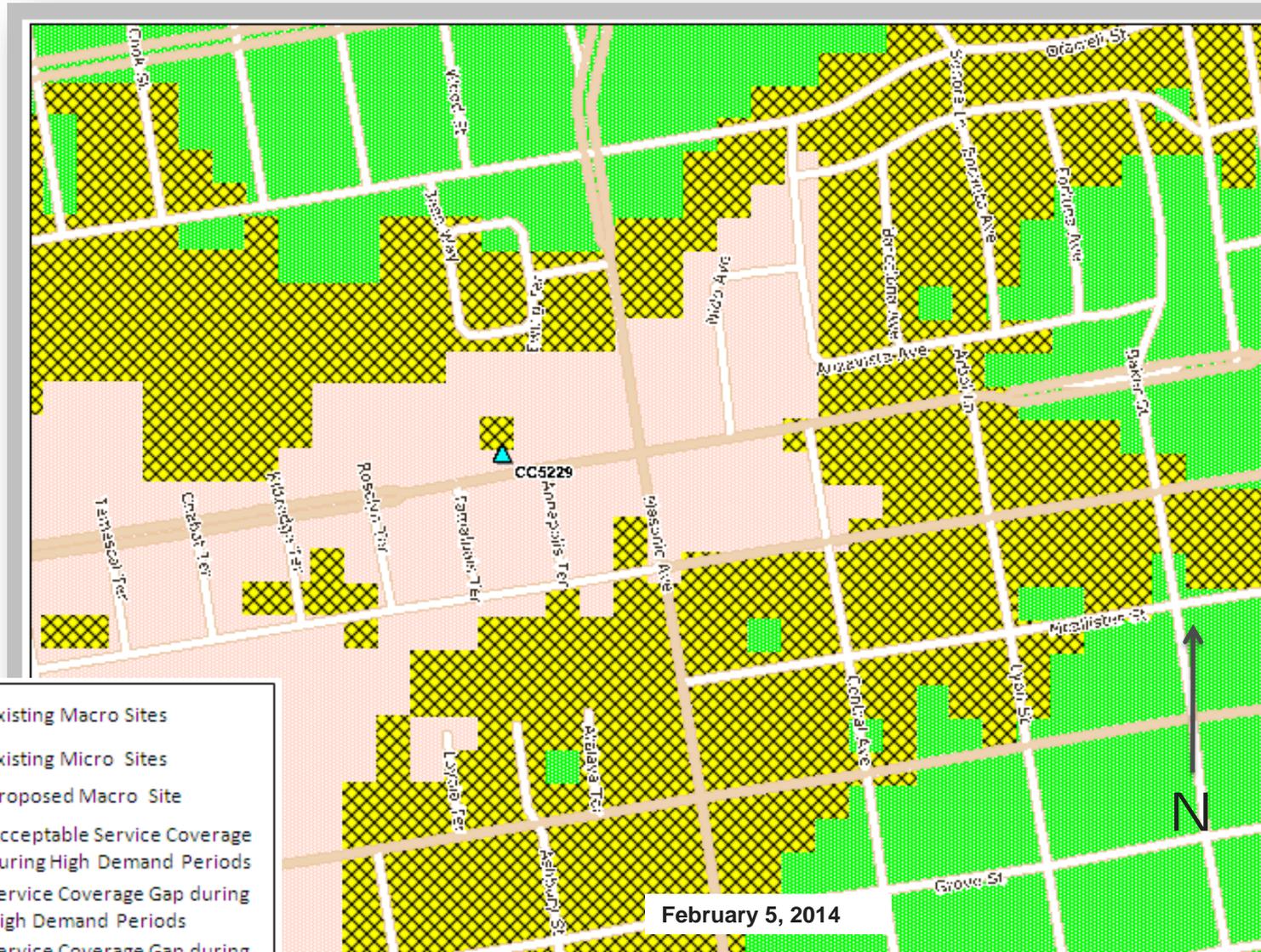
In order to achieve the service goals as defined, AT&T Mobility network engineers considered site locations in the area defined by the red circle

- ▲ Existing Macro Sites
- ⊕ Existing Micro Sites
- ▲ Proposed Macro Site
- Improved Service Area
- Site Search Area

February 5, 2014

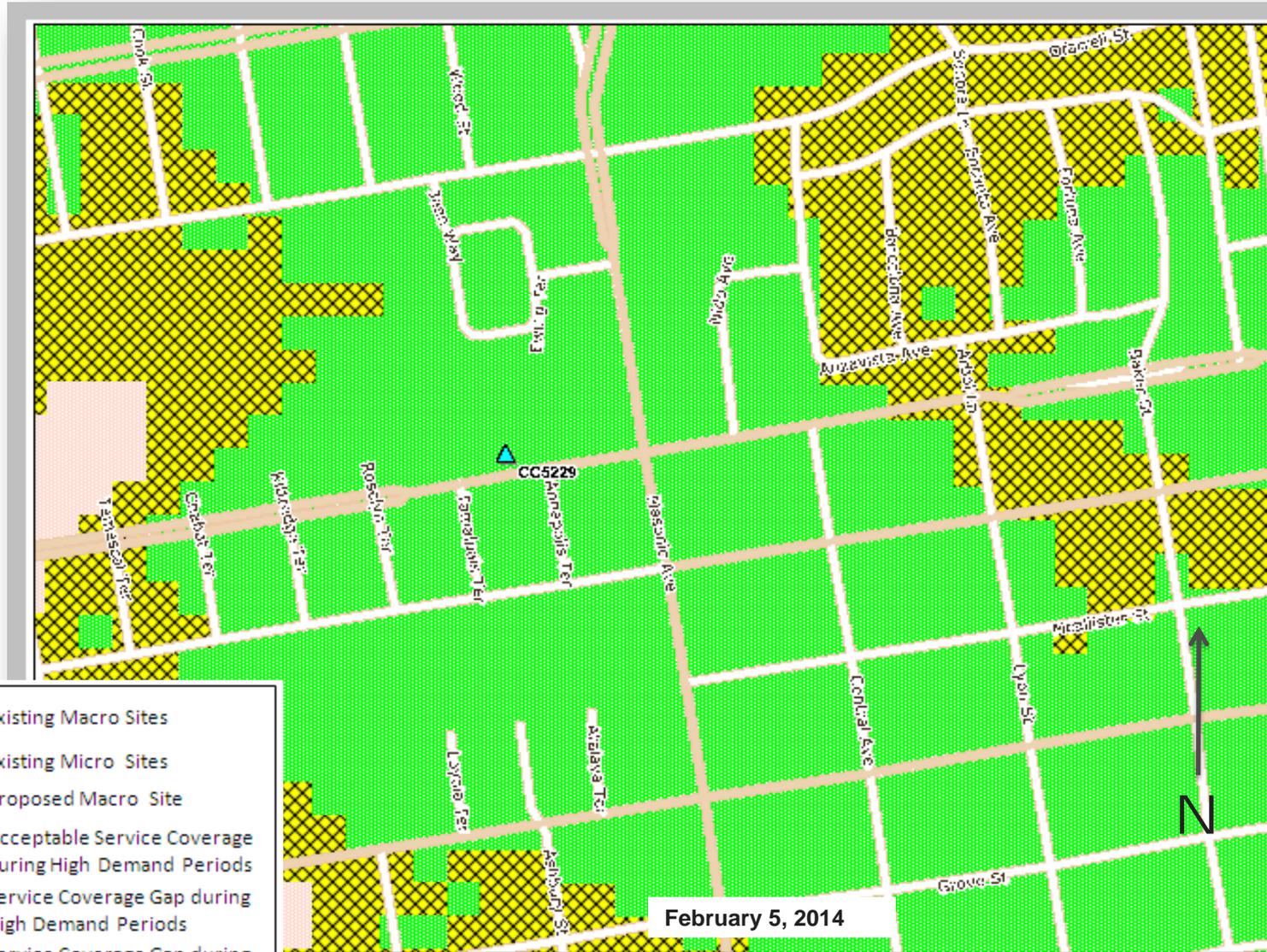
Proposed Site at 2350 Turk Blvd (CC5229)

Service Area BEFORE site is constructed



Proposed Site at 2350 Turk Blvd (CC5229)

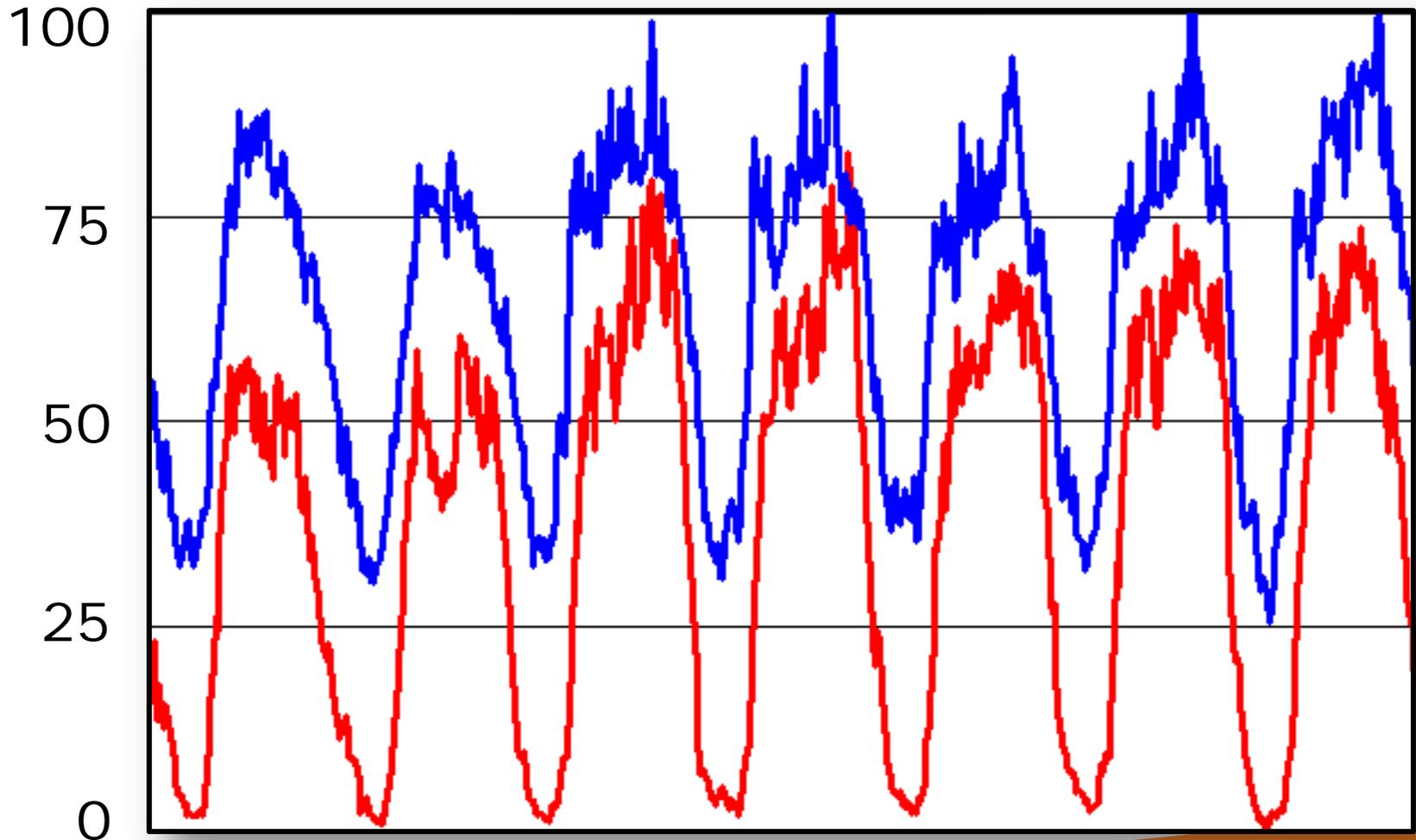
Service Area AFTER site is constructed



- ▲ Existing Macro Sites
- + Existing Micro Sites
- ▲ Proposed Macro Site
- Acceptable Service Coverage during High Demand Periods
- ▨ Service Coverage Gap during High Demand Periods
- Service Coverage Gap during All Demand Periods

Current 7-Day Traffic Profile for the Location of CC5220

— Data Traffic
— Voice Traffic

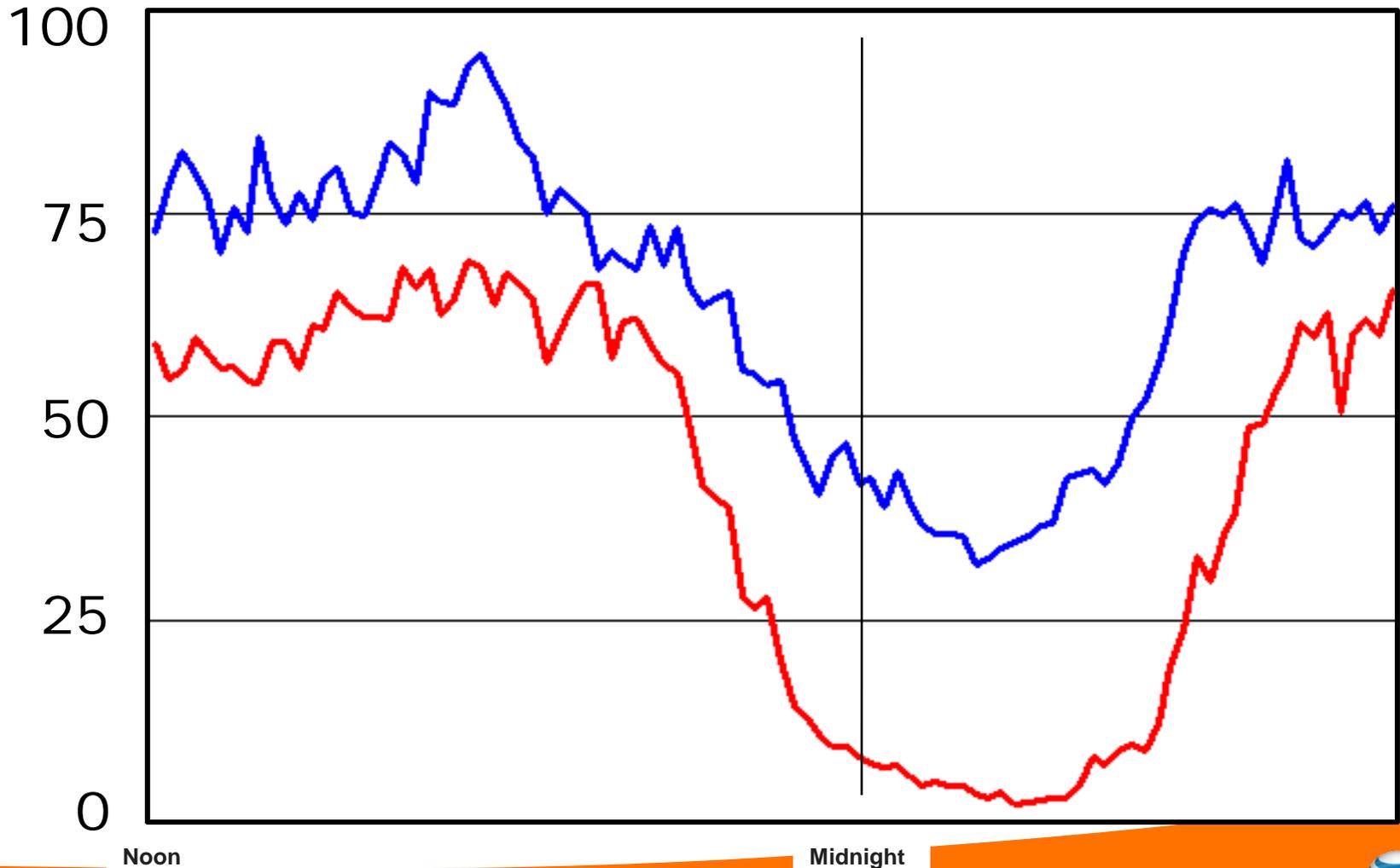


February 5, 2014



Current 24-Hour Traffic Profile for the Location of CC5229

— Data Traffic
— Voice Traffic

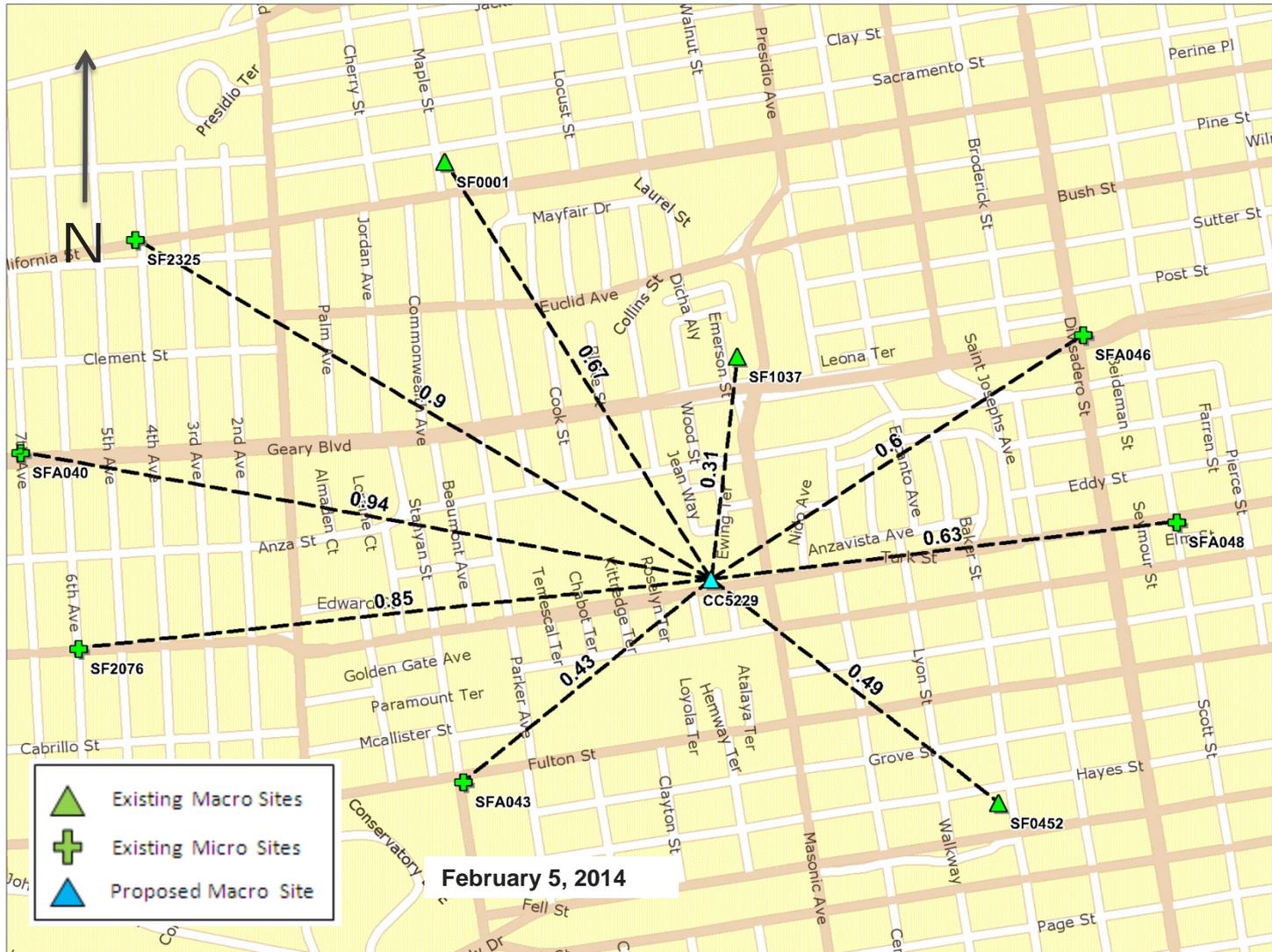


Noon

Midnight

Existing Surrounding Sites at 2350 Turk Blvd

CC5229



Alternative Locations Evaluated

In order to achieve the service goals as previously defined, AT&T network engineers considered site locations in the area defined by the search ring in the previously attached Service Improvement Objective map. Above is a list of alternative sites that were evaluated by the AT&T Mobility network engineers and site acquisition team.



- Service Area ▬
- Search Area ○
- Subject Site ○

Alternative Site Locations Summary

	Location	Block / Lot	Zoning District	Building Type	WTS Siting Preference
1	2340 Turk Boulevard	1107 / 005	RH-2	Church	1
2	281 Masonic Avenue	1107 / 004	RH-2	Institutional (school)	1
3	270 Masonic Avenue	1111 / 002 & 003	RM-1	Institutional (medical)	1
4	350 Masonic Avenue	1149 / 029	RH-3	Institutional (school)	1
5	2155 – 2163 Golden Gate Avenue	1160 / 029	RH-3	Church	1
6	2305 Golden Gate Avenue	1145 / 003	RH-2	Institutional (school)	1
7	2445 – 2449 Turk Boulevard	1162 / 016	RH-2	Residential	7
8	2439 Turk Boulevard	1162 / 017	RH-2	Residential	7
9	2433 – 2435 Turk Boulevard	1162 / 018	RH-2	Residential	7
10	2427 – 2429 Turk Boulevard	1162 / 019	RH-2	Residential	7
11	2421 – 2423 Turk Boulevard	1162 / 020	RH-2	Residential	7
12	2415 – 2417 Turk Boulevard	1162 / 021	RH-2	Residential	7
13	2407 – 2409 Turk Boulevard	1162 / 022	RH-2	Residential	7
14	2401 – 2403 Turk Boulevard	1162 / 001	RH-2	Residential	7
15	2345 Turk Boulevard	1163 / 016	RH-2	Residential	7
16	2339 – 2341 Turk Boulevard	1163 / 017	RH-2	Residential	7
17	2333 – 2335 Turk Boulevard	1163 / 018	RH-2	Residential	7
18	2327 – 2329 Turk Boulevard	1163 / 019	RH-2	Residential	7
19	2321 – 2323 Turk Boulevard	1163 / 028 & 029	RH-2	Residential	7
20	2315 – 2317 Turk Boulevard	1163 / 030 & 031	RH-2	Residential	7
21	2309 – 2311 Turk Boulevard	1163 / 032 & 033	RH-2	Residential	7

22	301 Masonic Avenue	1163 / 034 & 035	RH-2	Residential	7
23	59 – 61 Annapolis Terrace	1162 / 008	RH-2	Residential	7
24	53 Annapolis Terrace	1162 / 007	RH-2	Residential	7
25	47 Annapolis Terrace	1162 / 006	RH-2	Residential	7
26	41 Annapolis Terrace	1162 / 005	RH-2	Residential	7
27	35 – 37 Annapolis Terrace	1162 / 023 & 024	RH-2	Residential	7
28	29 Annapolis Terrace	1162 / 003	RH-2	Residential	7
29	23 Annapolis Terrace	1162 / 002	RH-2	Residential	7
30	22 – 24 Annapolis Terrace	1163 / 015	RH-2	Residential	7
31	28 – 30 Annapolis Terrace	1163 / 14	RH-2	Residential	7
32	34 – 36 Annapolis Terrace	1163 / 013	RH-2	Residential	7
33	40 – 42 Annapolis Terrace	1163 / 044 & 045	RH-2	Residential	7
34	46 – 48 Annapolis Terrace	1163 / 011	RH-2	Residential	7
35	2240 Golden Gate Avenue	1163 / 009	RH-2	Residential	7
36	2200 – 2212 Golden Gate Avenue	1163 / 040 & 043	RH-2	Residential	7
37	353 Masonic Avenue	1163 / 007	RH-2	Residential	7
38	347 Masonic Avenue	1163 038 & 039	RH-2	Residential	7
39	337 – 339 Masonic Avenue	1163 / 005	RH-2	Residential	7
40	333 – 335 Masonic Avenue	1163 / 004	RH-2	Residential	7
41	329 – 331 Masonic Avenue	1163 / 003	RH-2	Residential	7
42	323 – 325 Masonic Avenue	1163 / 002	RH-2	Residential	7
43	320 Masonic Avenue	1149 / 016	RH-3	Residential	7
44	2297 – 2299 Turk Boulevard	1149 / 016	RH-3	Residential	7
45	2293 Turk Boulevard	1149 / 017	RH-3	Residential	7
46	2283 Turk Boulevard	1149 / 032, 033 & 034	RH-3	Residential	7
47	2277 – 2279 Turk Boulevard	1149 / 019	RH-3	Residential	7

48	2271 – 2273 Turk Boulevard	1149 / 020	RH-3	Residential	7
49	2265 – 2269 Turk Boulevard	1149 / 021	RH-3	Residential	7
50	2261 Turk Boulevard	1149 / 022	RH-3	Residential	7
51	2247 – 2251 Turk Boulevard	1149 / 035, 036 & 037	RH-3	Residential	7
52	2230 Turk Boulevard	1112 / 033	RH-2	Residential	7
53	30- 32 Nido Avenue	1112 / 018	RH-2	Residential	7
54	40 – 42 Nido Avenue	1112 / 019	RH-2	Residential	7
55	50 – 52 Nido Avenue	1112 / 020	RH-2	Residential	7
56	60 – 62 Nido Avenue	1112 / 034 & 035	RH-2	Residential	7
57	70 – 72 Nido Avenue	1112 / 041 & 042	RH-2	Residential	7
58	80 – 82 Nido Avenue	1112 / 023	RH-2	Residential	7
59	90 Nido Avenue	1112 / 024	RH-2	Residential	7
60	2195 – 2195 Golden Gate Avenue	1160 / 023	RH-3	Residential	7
61	2187 Golden Gate Avenue	1160 / 024	RH-3	Residential	7
62	2185 Golden Gate Avenue	1160 / 025	RH-3	Residential	7
63	2175 Golden Gate Avenue	1160 / 026	RH-3	Residential	7
64	2169 – 2171 Golden Gate Avenue	1160 / 027	RH-3	Residential	7
65	2147 – 2149 Golden Gate Avenue	1160 / 031	RH-3	Residential	7
66	2139 – 2143 Golden Gate Avenue	1160 / 032	RH-3	Residential	7
67	2133 Golden Gate Avenue	1160 / 033	RH-3	Residential	7

A. Locating a site and evaluation of alternative sites

AT&T real estate and construction experts work through Section 8.1 of the WTS Facilities Siting Guidelines, which state the “Preferred Locations Within A Particular Service Area.” The team examines preferred locations (most desirable to least desirable under Section 8.1) until a location is found to close the significant service coverage gap.

Once a location is identified, the team confirms that the site is (1) serviceable (it has sufficient electrical power and telephone service as well as adequate space for equipment cabinets, antennas, construction, and maintenance) and (2) meets necessary structural and architectural requirements (the existing structure is not only sturdy enough to handle the equipment without excessive modification but also that the antennas may be mounted in such a way that they can meet the dual objective of not being obstructed while also being visually obscured or aesthetically unobtrusive).

The following represents the results of this investigation, and the team’s analysis of each alternative location:

1. Publicly-used structures:



Alternative 1
USF: Sisters of the Presentation
2340 Turk Boulevard

The Sisters of the Presentation building located at 2340 Turk Boulevard is located within the RH-2 (Residential, House, Two-Family) zoning district, and is a Preference 1, Preferred Location under the WTS Guidelines. A facility on this building would not work technologically as the building is surrounded by taller buildings and the signal would be blocked in all directions. Further, AT&T worked with USF to identify possible candidates and ultimately USF directed AT&T to the subject School of Education building as an ideal location for a facility.



Alternative 2
USF: School of Professional Studies
281 Masonic Avenue

The School of Professional Studies building is located on the University of San Francisco campus at 281 Masonic Avenue within the RH-2 (Residential, House, Two-Family) zoning district, and is a Preference 1 Preferred Location under the WTS Guidelines. AT&T worked with USF to identify possible candidates and ultimately USF directed AT&T to the subject School of Education building as an ideal location for a facility.



Alternative 3
Blood Centers of the Pacific
270 Masonic Avenue

The Blood Centers of the Pacific building located at 270 Masonic Avenue is within the RM-1 (Residential, Mixed, Low-Density) zoning district, and is a Preference 1 Preferred Location under the WTS Guidelines. Although this building is a Preference 1, AT&T prefers to locate on the USF campus as it seeks to improve coverage not only in the surrounding area, but on the campus itself and the subject site serves the objective area more efficiently.



Alternative 4
San Francisco Day School
350 Masonic Avenue

The San Francisco Day School at 350 Masonic Avenue located within the RH-3 (Residential, House, Three-Family) zoning district, and is a Preference 1 Preferred Location under the WTS Guidelines. Although this school is a Preference 1, it contains a rooftop playground over the entire upper roof and therefore does not have the necessary space available for AT&T's facility.



Alternative 5
First AME Zion Church
2163 Golden Gate Avenue

The First AME Zion Church is located at 2163 Golden Gate Avenue within the RH-3 (Residential, House, Three-Family) zoning district, and is a Preference 1 Preferred Location under the WTS Guidelines. This building is relatively short and a site here would have a blocked signal to the north. Given the architecture of the church and the existing roof form, it would be difficult to design a facility that is visually unobtrusive.

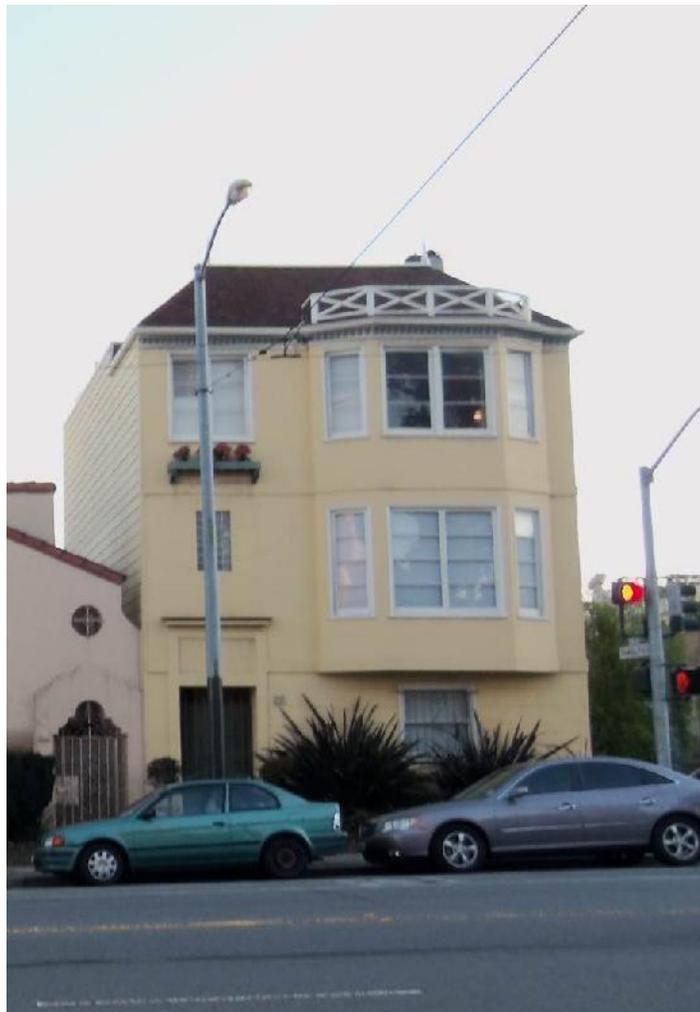


Alternative 6
USF: Baseball Field
2305 Golden Gate Avenue

The USF Baseball Field is located on the University of San Francisco campus at 2305 Golden Gate Avenue within the RH-2 (Residential, House, Two-Family) zoning district, and is a Preference 1 Preferred Location under the WTS Guidelines. This site does not contain a building on which to place the antennas and therefore designing a visually unobtrusive site was not possible. Further, AT&T worked with USF to identify possible candidates and ultimately USF directed AT&T to the subject School of Education building as an ideal location for a facility.

2. Co-Location Site: The only co-location site in the search area is the subject building, USF's School of Education.
3. Industrial or Commercial Structures: There are no industrial or commercial structures for this Preference level in the target area.
4. Industrial or Commercial Structures: There are no industrial or commercial structures for this Preference level in the target area.
5. Mixed Use Buildings in High Density Districts: There are no mixed use structures for this Preference level in the target area.

6. Limited Preference Sites: There are no buildings with this preference level in the target area.
7. Disfavored Sites: The following sites are wholly residential buildings located in the RH-2 (Residential, House, Two-Family) and RH-3 (Residential, House, Three-Family) zoning districts and are Preference 7 sites. They were not chosen as they are lower preference sites and AT&T pursued candidates in order of preference as directed by the WTS Guidelines. The subject location on USF's School of Education building at 2350 Turk Boulevard is Preference 1 Location, the most preferred under the WTS guidelines.



Alternative 7
2445 – 2449 Turk Boulevard



Alternative 8
2439 Turk Boulevard



Alternative 9
2433 – 2435 Turk Boulevard



Alternative 10
2427 – 2429 Turk Boulevard



Alternative 11
2421 – 2423 Turk Boulevard



Alternative 12
2415 – 2417 Turk Boulevard



Alternative 13
2407- 2409 Turk Boulevard



Alternative 14
2401 – 2403 Turk Boulevard



Alternative 15
2345 Turk Boulevard



Alternative 16
2339 – 2341 Turk Boulevard



Alternative 17
2333 – 2335 Turk Boulevard



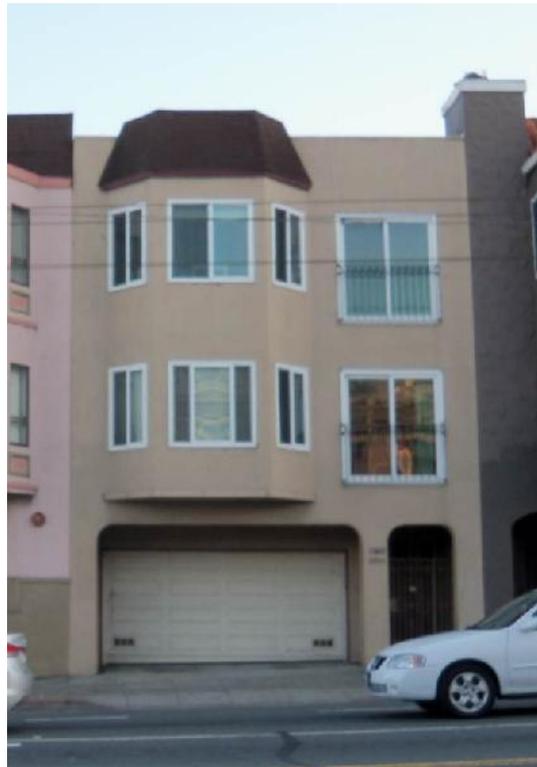
Alternative 18
2327 – 2329 Turk Boulevard



Alternative 19
2321 – 2323 Turk Boulevard



Alternative 20
2315 – 2317 Turk Boulevard



Alternative 21
2309 – 2311 Turk Boulevard



Alternative 22
301 Masonic Avenue



Alternative 23
59 – 61 Annapolis Terrace



Alternative 24
53 Annapolis Terrace



Alternative 25
47 Annapolis Terrace



Alternative 26
41 Annapolis Terrace



Alternative 27
35 – 37 Annapolis Terrace



Alternative 28
29 Annapolis Terrace



Alternative 29
23 Annapolis Terrace



Alternative 30
22 – 24 Annapolis Terrace



Alternative 31
28 – 30 Annapolis Terrace



Alternative 32
34 – 36 Annapolis Terrace



Alternative 33
40 – 42 Annapolis Terrace



Alternative 34
46 – 48 Annapolis Terrace



Alternative 35
2240 Golden Gate Avenue



Alternative 36
2200 – 2212 Masonic Avenue



Alternative 37
353 Masonic Avenue



Alternative 38
347 Masonic Avenue



Alternative 39
337 – 339 Masonic Avenue



Alternative 40
333 – 335 Masonic Avenue



Alternative 41
329 – 331 Masonic Avenue



Alternative 42
323 – 325 Masonic Avenue



Alternative 43
320 Masonic Avenue



Alternative 44
2297 – 2299 Turk Boulevard



Alternative 45
2293 Turk Boulevard



Alternative 46
2283 Turk Boulevard



Alternative 47
2277 – 2279 Turk Boulevard



Alternative 48
2271 – 2273 Turk Boulevard



Alternative 49
2265 – 2269 Turk Boulevard



Alternative 50
2261 Turk Boulevard



Alternative 51
2247 – 2251 Turk Boulevard



Alternative 52
2230 Turk Boulevard



Alternative 53
30 – 32 Nido Avenue



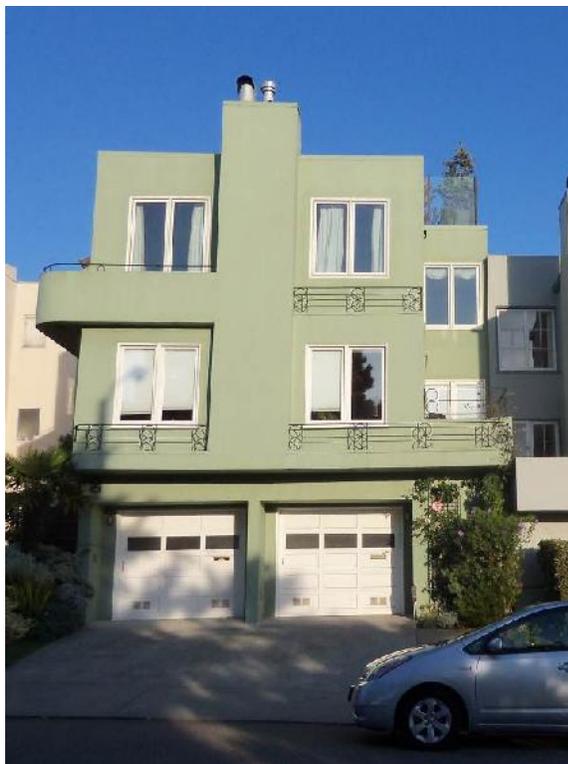
Alternative 54
40 – 42 Nido Avenue



Alternative 55
50 – 52 Nido Avenue



Alternative 56
60 – 62 Nido Avenue



Alternative 57
70 – 72 Nido Avenue



Alternative 58
80 – 82 Nido Avenue



Alternative 59
90 Nido Avenue



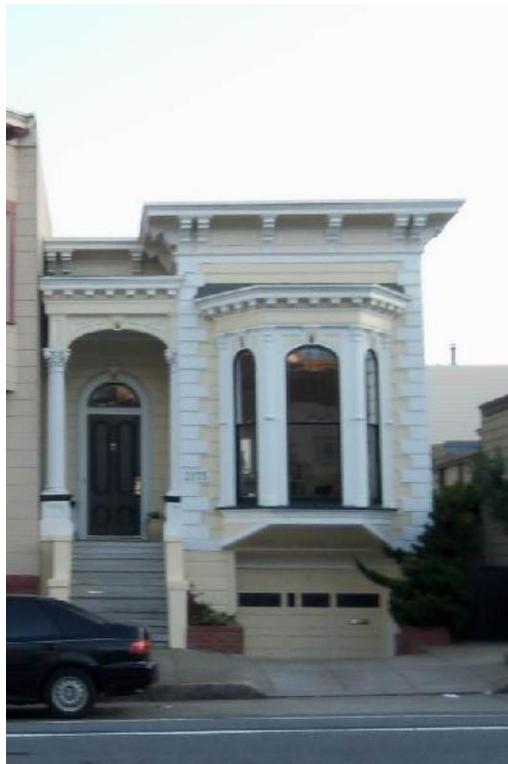
Alternative 60
2195 – 2197 Golden Gate Avenue



Alternative 61
2187 Golden Gate Avenue



Alternative 62
2185 Golden Gate Avenue



Alternative 63
2175 Golden Gate Avenue



Alternative 64
2169 – 2171 Golden Gate Avenue



Alternative 65
2147 – 2149 Golden Gate Avenue



Alternative 66
2139 – 2143 Golden Gate Avenue



Alternative 67
2133 Golden Gate Avenue

Please see Attachment G, which is a map that identifies each of the alternative sites discussed above. The map contains the appropriate zoning for each location.



March 27, 2013

Omar Masry
San Francisco Department of Planning
1650 Mission Street 4th Floor
San Francisco, CA 94103

Re: Case Number 2011.1310C and 2011.1311C-Community Meeting for
Proposed AT&T Mobility Facility at 2495
Golden Gate Avenue and 2350 Turk Boulevard

Dear Mr. Masry:

On April 11, 2012, AT&T Mobility held a community meeting regarding the proposed wireless facility at 2495 Golden Gate Avenue and 2350 Turk Boulevard. The attached notification announce the community presentation was to be held at the CCSF John Adams Campus. Notice of the meeting was mailed out on March 26, 2012 to a total of 2,441 owners and tenants within 500 feet of the proposed installation.

Tony Kim, Town Consulting, Tedi Vriheas, AT&T Public External Affairs as well as Bill Hammett, a professional licensed engineer with Hammett & Edison was there to answer any questions regarding the EMF emissions from the proposed wireless facility. There were ten members of the community who attended the meeting and all questions and concerns were EMF related. All questions were satisfactorily answered. Below are the additional meetings that AT&T held with USF:

- Faculty Meeting was held on May 9, 2012. These meetings are regularly held by USF and AT&T was invited to discuss the project. The only issues that were brought up were EMF related. There were approximately forty faculty members at this meeting.
- Student Meeting #1 was held on May 15, 2012. Four students attended and the only issues that were brought up were health related.
- Student Meeting #2 was held on May 22, 2012. One student attended this meeting.
- Faculty Meeting #2 was held on September 17, 2012. These meetings are regularly held by USF and AT&T was invited to discuss the project. One staff member stayed and was just inquiring about the project but had no objections.
- Meeting with USF (students, faculty, etc) was held on November 14, 2012. The only issues that were brought up were EMF related.

Please contact me if you have any questions,



Talin Aghazarian

Ericsson

Attachments :Community Meeting Notice

NOTICE OF COMMUNITY OUTREACH MEETING ON TWO WIRELESS COMMUNICATION FACILITIES PROPOSED IN YOUR NEIGHBORHOOD

**To: Neighborhood Groups and Neighbors & Owners within 500' radius of
2495 Golden Gate Avenue and 2350 Turk Boulevard**

Meeting Information

Date: Wednesday, April 11, 2012
Time: 7:00 p.m.
Where: CCSF—John Adams Campus
1860 Hayes Street, Room 139
San Francisco, CA 94117

Site Information

Address: Site #1: USF Gleeson Library
2495 Golden Gate Avenue
and
Site #2: USF School of Education
2350 Turk Boulevard
San Francisco, CA 94118

Zoning District: RH-2

Applicant: AT&T Mobility

Contact Information

AT&T Mobility Hotline, (415) 646-0972

AT&T Mobility is proposing to install two wireless communication facilities on the USF campus: Site #1: Gleeson Library at 2495 Golden Gate Avenue and Site #2: the School of Education building at 2350 Turk Boulevard. These sites are needed by AT&T Mobility as part of its San Francisco wireless network. The proposed sites are unmanned facilities consisting of the installation of nine (9) panel antennas on each building. The antennas will be mounted and screened on the rooftops. The associated equipment would also be located on the roof of the existing buildings. Plans and photo simulations will be available for your review at the meeting. You are invited to attend an informational community meeting located at CCSF's John Adams Campus at 1860 Hayes Street in Room 139 on Wednesday, April 11, 2012 at 7:00 p.m. to learn more about the projects.

If you have any questions regarding these proposals and are unable to attend the meeting, please contact the AT&T Mobility Hotline at (415) 646-0972 and an AT&T Mobility specialist will return your call. Please contact Sara Vellve, staff planner with the San Francisco Planning Department at (415) 558-6263 if you have any questions regarding the planning process.

NOTE: If you require an interpreter to be present at the meeting, please contact our office at (415) 646-0972 no later than 5:00 pm on Monday, April 9, 2012 and we will make every effort to provide you with an interpreter.

NOTIFICACIÓN DE REUNIÓN DE ALCANCE COMUNITARIO SOBRE DOS INSTALACIONES DE COMUNICACIÓN INALÁMBRICA PROPUESTAS PARA SU VECINDARIO

**Para: Grupos del vecindario, vecinos y propietarios dentro de un radio de 500' de
2495 Golden Gate Avenue y 2350 Turk Boulevard**

Información de la reunión

Fecha: Miércoles, 11 de abril de 2012
Hora: 7:00 p.m.
Dónde: CCSF—John Adams Campus
1860 Hayes Street, Room 139
San Francisco, CA 94117

Información del lugar

Dirección: Lugar #1: Biblioteca USF Gleeson
2495 Golden Gate Avenue
y
Lugar #2: USF School of Education
2350 Turk Boulevard
San Francisco, CA 94118

Distrito de zonificación: RH-2

Solicitante: AT&T Mobility

Información de contacto

Línea directa de AT&T Mobility
(415) 646-0972

AT&T Mobility propone instalar dos instalaciones de comunicación inalámbrica en el campus de USF: Lugar #1: Biblioteca Gleeson en 2495 Golden Gate Avenue y Lugar #2: el edificio de School of Education en 2350 Turk Boulevard. AT&T Mobility necesita estas instalaciones como parte de su red inalámbrica de San Francisco. Las instalaciones propuestas son sin personal y consisten en la instalación de nueve (9) antenas panel en cada edificio. Las antenas estarán montadas y ocultas en los techos. El equipamiento asociado se encontrará ubicado en el techo del edificio. Habrá planos y fotos disponibles para que usted los revise en la reunión. Se lo invita a asistir a una reunión informativa de la comunidad que se realizará en el John Adams Campus de CCSF en 1860 Hayes Street, sala 139 el miércoles 11 de abril de 2012 a las 7:00 p.m. para tener más información sobre el proyecto.

Si tiene preguntas relacionadas con estas propuestas y no puede asistir a la reunión, por favor, llame a la Línea Directa de AT&T Mobility, (415) 646-0972, y un especialista de AT&T Mobility le devolverá el llamado. Por favor, contacte a Sara Vellve del Departamento de Planificación de la Ciudad de San Francisco al (415) 558-6263 si tiene alguna pregunta relacionada con el proceso de planificación.

NOTA: Si necesita que un intérprete esté presente en la reunión, por favor, contacte a nuestra oficina al (415) 646-0972 antes del lunes 9 de abril de 2012 antes de las 5:00 p.m., y haremos todos lo posible para proporcionarle un intérprete.

關於計畫在您所在街區安裝一座無線通信設施的社區資訊通報會通知

致：Golden Gate Avenue 2495 號及 Turk Boulevard 2350 號周圍五百英尺內的居民組織、居民和業主

會議資訊

日期：2012 年 4 月 11 日（星期三）
時間：下午 7:00
地點：三藩市大學約翰亞當斯校區
1860 Hayes Street 139 號房間
加利福尼亞州三藩市
（郵遞區號 94117）

設施地點資訊

地址：場址 1：三藩市大學 Gleeson 圖書館
Golden Gate Avenue 2495 號
場址 2：三藩市大學教育學院
Turk Boulevard 2350 號
加利福尼亞州三藩市
（郵遞區號 94118）

分區：RH-2

申請公司：AT&T Mobility

聯繫資訊

AT&T Mobility 公司熱線電話
(415) 646-0972

AT&T Mobility 公司計畫在三藩市大學校園內安裝兩座無線通訊設施，分別位於 Golden Gate Avenue 2495 號的 Gleeson 圖書館以及 Turk Boulevard 2350 號的教育學院樓，作為 AT&T Mobility 公司在三藩市無線網路的一部分。計畫中的站點為無人操作設施，需要在每幢大樓上各安裝九(9) 根平板天線。這些天線將被安裝在屋頂，並被遮罩起來。相關設備同樣將被放置在現有建築的屋頂。我們在會上將提供計畫書和類比圖片供您參考。我們誠邀您參加定於 2012 年 4 月 11 日（星期三）下午 7:00 在位於 1860 Hayes Street 139 號房間的三藩市大學約翰亞當斯校區召開的社區資訊通報會，以便您瞭解有關本專案的更多資訊。

如果您對該計畫有任何疑問，但是無法出席這次會議，請撥打 AT&T Mobility 公司熱線電話(415) 646-0972，AT&T Mobility 公司的一位專業人員將會回復您的電話。如果您對本規程式有任何疑問，請致電 (415) 558-6263 與三藩市城市規劃局的規劃員 Sara Vellve 聯繫。

注意：如果您需要一名翻譯陪同您出席會議，請在不晚於 2012 年 4 月 9 日（星期一）下午 5 點前致電 (415) 646-0972 與本辦公室聯繫，我們將盡力為您配備一名翻譯。



HAMMETT & EDISON, INC.
 CONSULTING ENGINEERS
 BROADCAST & WIRELESS

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

DANE E. ERICKSEN, P.E.
 CONSULTANT

BY E-MAIL TV8342@ATT.COM

February 28, 2014

Theadora K. Vriheas, Esq.
 AT&T Mobility
 430 Bush Street
 San Francisco, California 94108-3735

Dear Tedi:

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 2350 Turk Boulevard (Site No. CC5229B). This is to fulfill the submittal requirements for Planning Department review.

Executive Summary

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

AT&T proposes to install nine CCI directional panel antennas – six Model HPA-33R-BUU-H4-K and three Model HPA-45R-BUU-H4-K – on short poles above the roof of the four-story University of San Francisco School of Education building located at 2350 Turk Boulevard. Two groups of three Model HPA-33R antennas each would be mounted with up to 6° downtilt at effective heights of about 57½ and 59 feet above ground, 6½ and 8 feet above the roof, and would be oriented toward 10°T and 200°T, respectively. The Model HPA-45R antennas would be mounted with up to 6° downtilt at an effective height of about 57 feet above ground, 6 feet above the roof, and would be oriented toward 290°T. The maximum effective radiated power proposed by AT&T in any direction is 13,800 watts, representing simultaneous operation at 3,600 watts for WCS, 7,000 watts for PCS, 1,000 watts for cellular, and 2,200 watts for 700 MHz service.

AT&T provided for review two coverage maps, dated February 5, 2014, attached for reference. The maps show AT&T's cellular UMTS (850 MHz) indoor coverage in the area before and after the site is operational. Both the before and after UMTS maps show three levels of coverage, which AT&T colors and defines as follows:

- Green Acceptable service coverage during high demand periods
- Hashed Yellow Service coverage gap during high demand periods
- Pink Service coverage gap during all demand periods

Theadora K. Vriheas, Esq., page 2
February 28, 2014

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 develop its coverage maps. The thresholds that AT&T uses to determine acceptable coverage 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 to measure the actual AT&T UMTS signal strength in the vicinity of the proposed site. Our fieldwork was conducted on February 12, 2014, between 2:00 PM and 4:30 PM.

The field measurements were conducted using an Ascom TEMS Pocket network diagnostic tool with built-in GPS 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 UMTS coverage map showing the service area without the proposed installation represents areas of deficiency in the carrier's present indoor coverage. The map submitted to show the after coverage with the proposed new base station in operation was 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,



William F. Hammett, P.E.

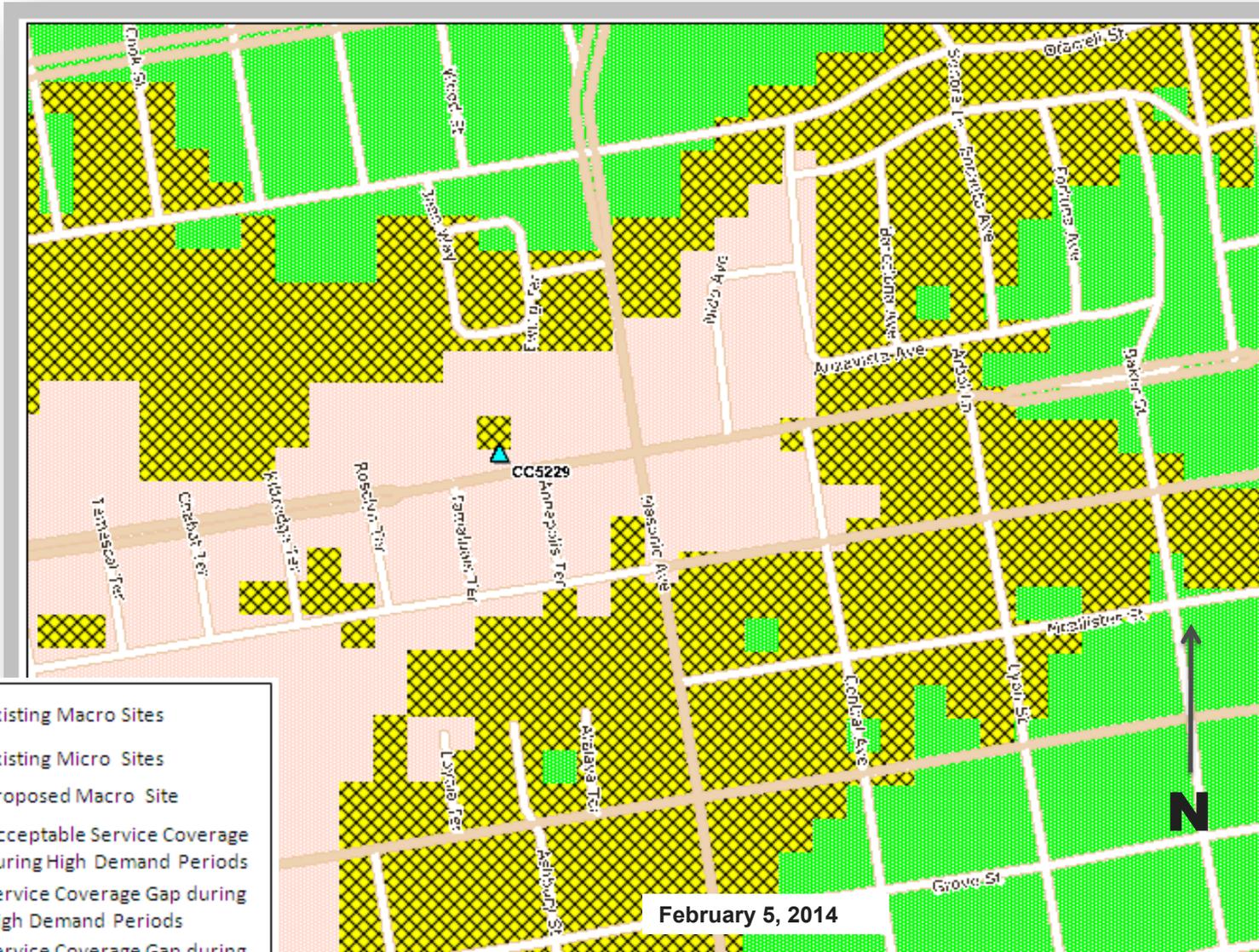
tm

Enclosures

cc: Mr. Michael J. Caniglia (w/encls) - BY E-MAIL MC0763@ATT.COM
Ms. Talin Aghazarian (w/encls) - BY E-MAIL TALIN.AGHAZARIAN@ERICSSON.COM
Mr. Dumindu Herath (w/encls) - BY E-MAIL DH9460@ATT.COM

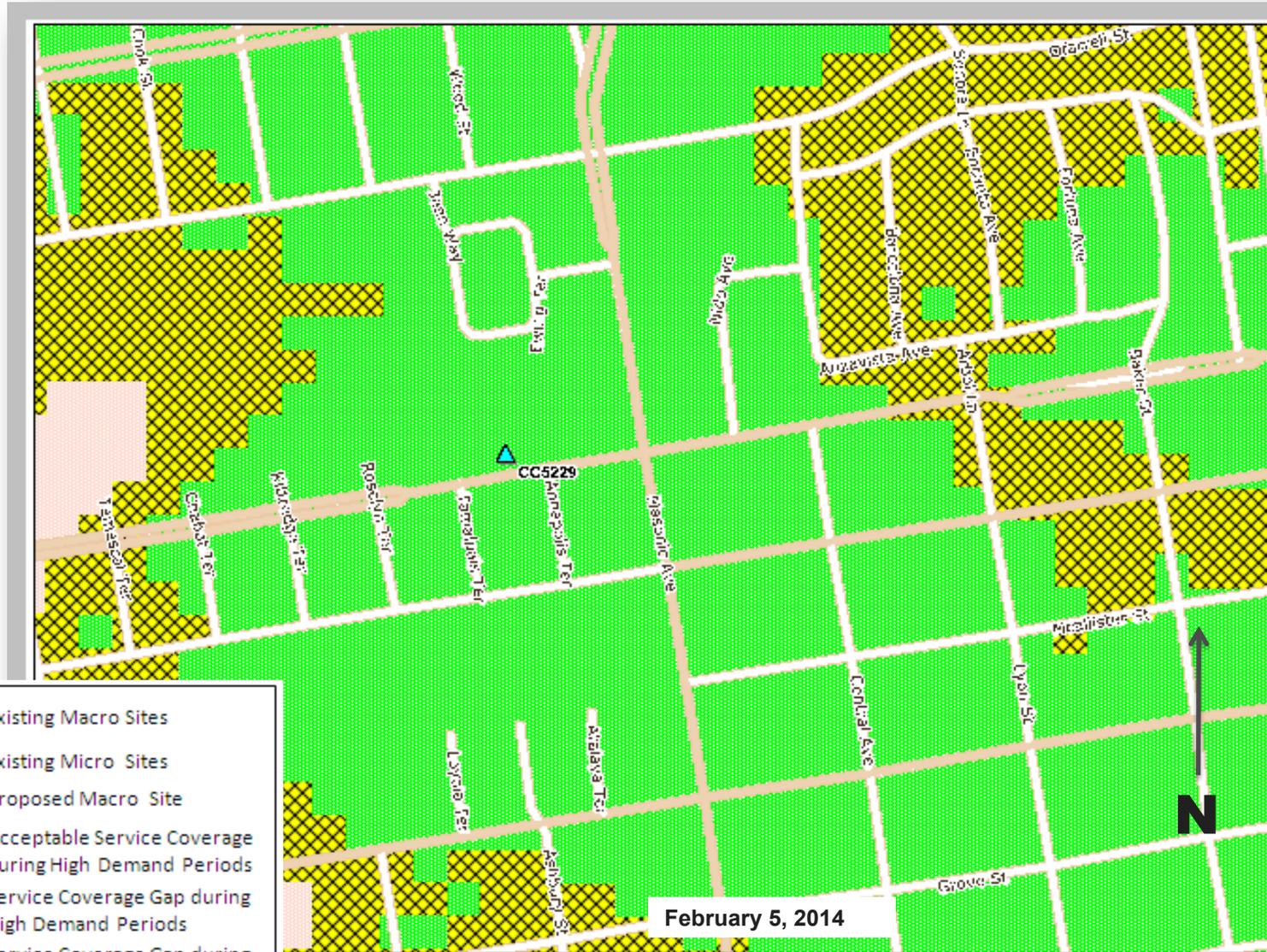
Proposed Site at 2350 Turk Blvd (CC5229)

Service Area BEFORE site is constructed



Proposed Site at 2350 Turk Blvd (CC5229)

Service Area AFTER site is constructed



February 5, 2014

- ▲ Existing Macro Sites
- + Existing Micro Sites
- ▲ Proposed Macro Site
- Acceptable Service Coverage during High Demand Periods
- ▨ Service Coverage Gap during High Demand Periods
- Service Coverage Gap during All Demand Periods



at&t

USF SCHOOL OF EDUCATION CC5229

**USF
SCHOOL OF
EDUCATION**

CC5229
2350 TURK BLVD
SAN FRANCISCO, CA 94118

ISSUE STATUS

Δ	DATE	DESCRIPTION	BY
	10/02/12	ZD 90%	K.P.
	10/17/12	ZD 100%	K.P.
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	12/19/13	CLIENT REV	C.C.
	01/13/14	CLIENT REV	J.S.
	-	-	-

DRAWN BY: C. CODY
CHECKED BY: J. GRAY
APPROVED BY: -
DATE: 01/13/14

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

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PROJECT DESCRIPTION

A (P) UNMANNED TELECOMMUNICATION FACILITY CONSISTING OF A (P) 10'-8"x17'-0" (181 SQFT) EQUIPMENT LEASE AREA & (P) 80 SQFT ANTENNA LEASE AREA W/ (2) (P) RBA72 CABINETS, (P) CIENA, (P) 24"x24" BOX, (P) FTP BOX, (P) GUTTER BOX, & (6) (P) PURCELL CABINETS W/ (P) DUW & DUL UNITS. ALSO INSTALLING (9) (P) AT&T ANTENNAS, (18) (P) & (3) (F) RRUS-11 UNITS, (6) A2 UNITS, & (6) (P) SURGE SUPPRESSORS.

VICINITY MAP



CODE COMPLIANCE

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

- 2013 CALIFORNIA ADMINISTRATIVE CODE (INCL. TITLES 24 & 25)
- 2013 CALIFORNIA BUILDING CODE
- 2013 CALIFORNIA ELECTRICAL CODE
- 2013 CALIFORNIA MECHANICAL CODE
- 2013 CALIFORNIA PLUMBING CODE
- 2013 CITY OF SAN FRANCISCO FIRE CODE
- LOCAL BUILDING CODES
- CITY/COUNTY ORDINANCES
- ANSI/EIA-TIA-222-G

ALONG WITH ANY OTHER APPLICABLE LOCAL & STATE LAWS AND REGULATIONS

DISABLED ACCESS REQUIREMENTS

THIS FACILITY IS UNMANNED & NOT FOR HUMAN HABITATION. DISABLED ACCESS & REQUIREMENTS ARE NOT REQUIRED IN ACCORDANCE WITH CALIFORNIA STATE BUILDING CODE, TITLE 24 PART 2, SECTION 1134B.2.1, EXCEPTION 4

PROJECT INFORMATION

SITE NAME: USF SCHOOL OF EDUCATION SITE #: CC5229
 COUNTY: SAN FRANCISCO JURISDICTION: SAN FRANCISCO
 BLOCK/LOT: 1107-006 POWER: PG&E
 SITE ADDRESS: 2350 TURK BLVD TELEPHONE: AT&T
 SAN FRANCISCO, CA 94118
 CURRENT ZONING: RH-2
 CONSTRUCTION TYPE: V-B
 OCCUPANCY TYPE: U, (UNMANNED COMMUNICATIONS FACILITY)
 HEIGHT/BULK: 40-X
 PROPERTY OWNER: UNIVERSITY OF SAN FRANCISCO
 2130 FULTON STREET
 SAN FRANCISCO, CA 94117
 PHONE: (415) 422-2091
 APPLICANT: AT&T
 430 BUSH STREET, 5TH FLOOR
 SAN FRANCISCO, CA 94108
 LEASING CONTACT: ATTN: MARK JONES
 (330) 391-0360
 ZONING CONTACT: ATTN: TALIN AGHAZARIAN
 (510) 206-1674
 CONSTRUCTION CONTACT: ATTN: AARON MCCLAIN
 (805) 471-2605
 LATITUDE: N 37° 46' 43.56" NAD 83
 LONGITUDE: W 122° 26' 53.48" NAD 83
 APN: ±300.51'

DRIVING DIRECTIONS

FROM: 430 BUSH STREET, 5TH FLOOR, SAN FRANCISCO, CA 94108
 TO: 2350 TURK BLVD, SAN FRANCISCO, CA 94118

HEAD EAST ON BUSH ST TOWARD CLAUDE LN 210 FT
 TURN LEFT ONTO KEARNY ST 344 FT
 TAKE THE 1ST LEFT ONTO PINE ST 1.5 MI
 TURN LEFT ONTO WEBSTER ST 0.5 MI
 TURN RIGHT ONTO TURK ST 0.0 MI

END AT: 2350 TURK BOULEVARD, SAN FRANCISCO, CA 94118

ESTIMATED TIME: 12 MINUTES ESTIMATED DISTANCE: 3.2 MILES

SHEET INDEX

SHEET	DESCRIPTION	REV
T-1	TITLE	-
A-1	OVERALL SITE PLAN	-
A-2	ENLARGED SITE PLAN	-
A-3	EQUIPMENT PLAN & DETAILS	-
A-4	ANTENNA PLAN & DETAILS	-
A-5	ELEVATIONS	-
A-6	ELEVATIONS	-

APPROVAL

RF
LEASING
ZONING
CONSTRUCTION
AT&T

at&t



430 BUSH STREET, 5TH FLOOR
SAN FRANCISCO, CA 94108

SHEET TITLE:

TITLE

SHEET NUMBER:

T-1

ISSUE STATUS

Δ	DATE	DESCRIPTION	BY
	10/02/12	ZD 90%	K.P.
	10/17/12	ZD 100%	K.P.
	03/22/13	CLIENT REV	C.C.
	12/19/13	CLIENT REV	C.C.
	01/13/14	CLIENT REV	J.S.
	-	-	-

DRAWN BY: C. CODY
CHECKED BY: J. GRAY
APPROVED BY: -
DATE: 01/13/14

Streamline Engineering
and Design, Inc.

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

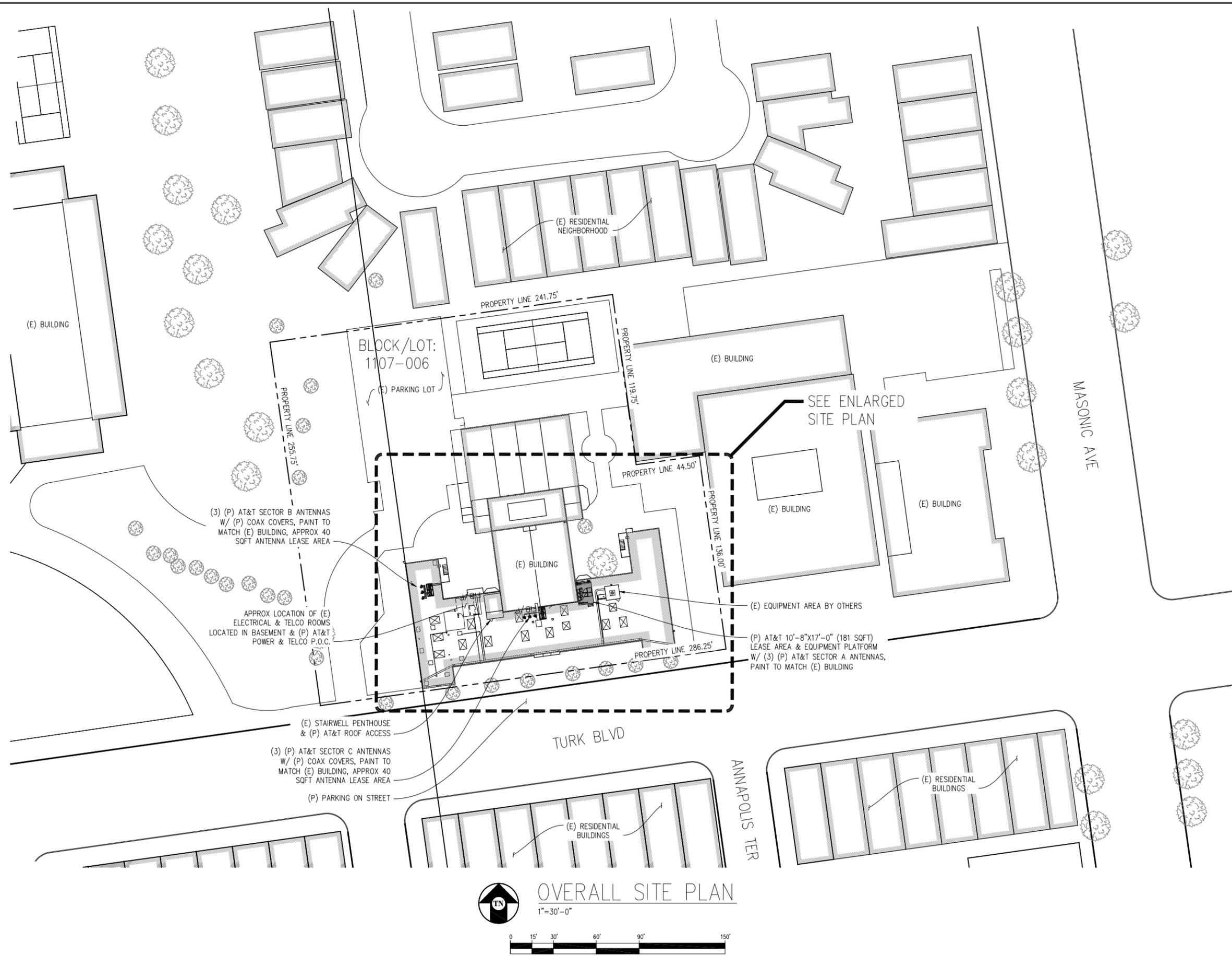
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430 BUSH STREET, 5TH FLOOR
SAN FRANCISCO, CA 94108

SHEET TITLE:
OVERALL SITE PLAN

SHEET NUMBER:
A-1



OVERALL SITE PLAN
1" = 30'-0"

USF SCHOOL OF EDUCATION

CC5229
2350 TURK BLVD
SAN FRANCISCO, CA 94118

ISSUE STATUS

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	12/19/13	CLIENT REV	C.C.
	01/13/14	CLIENT REV	J.S.
	-	-	-

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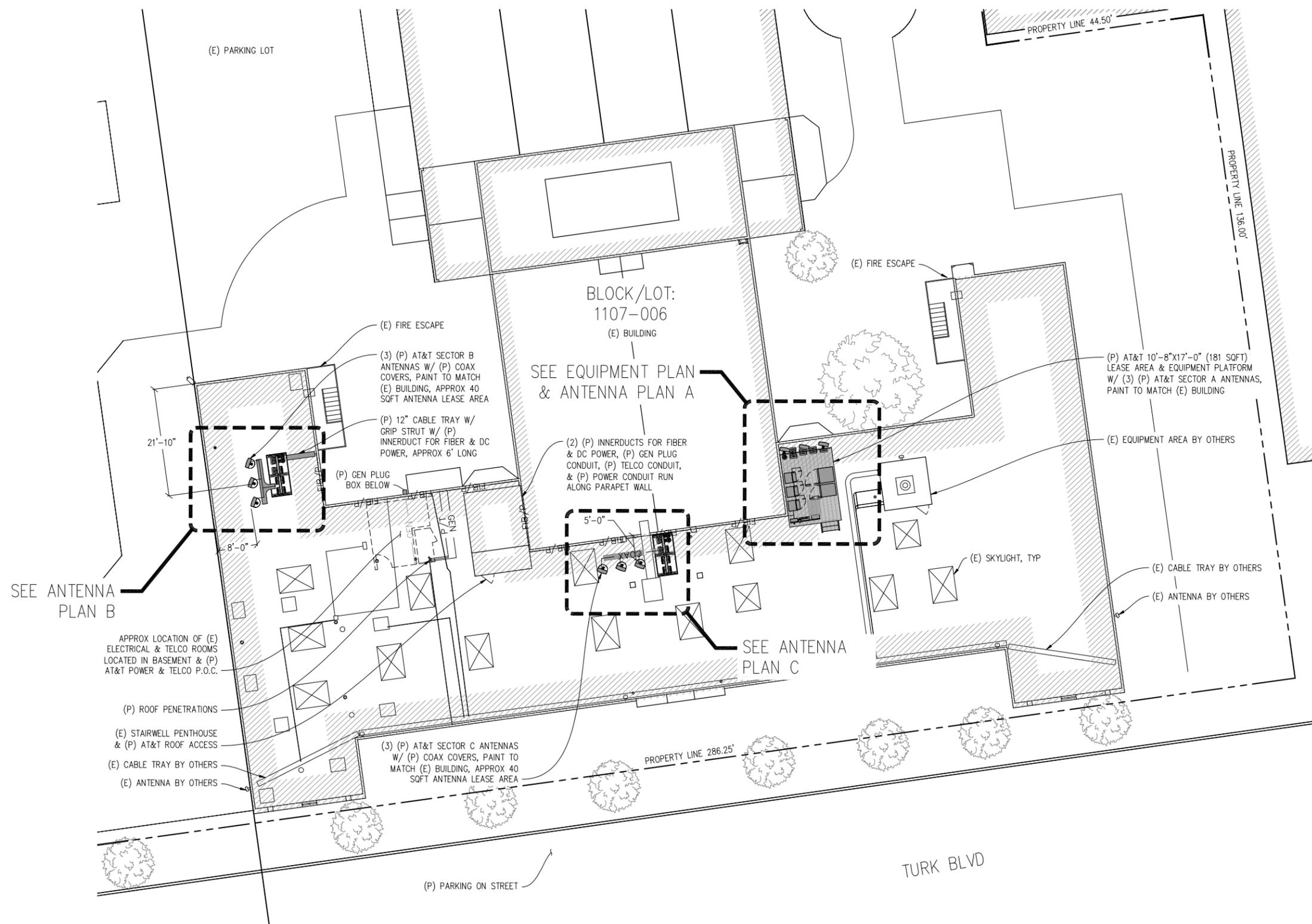


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430 BUSH STREET, 5TH FLOOR
SAN FRANCISCO, CA 94108

SHEET TITLE:
ENLARGED SITE PLAN

SHEET NUMBER:
A-2



ENLARGED SITE PLAN
1"=10'-0"

ISSUE STATUS

Δ	DATE	DESCRIPTION	BY
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	10/17/12	ZD 100%	K.P.
	03/22/13	CLIENT REV	C.C.
	12/19/13	CLIENT REV	C.C.
	01/13/14	CLIENT REV	J.S.
	-	-	-

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CHECKED BY: J. GRAY

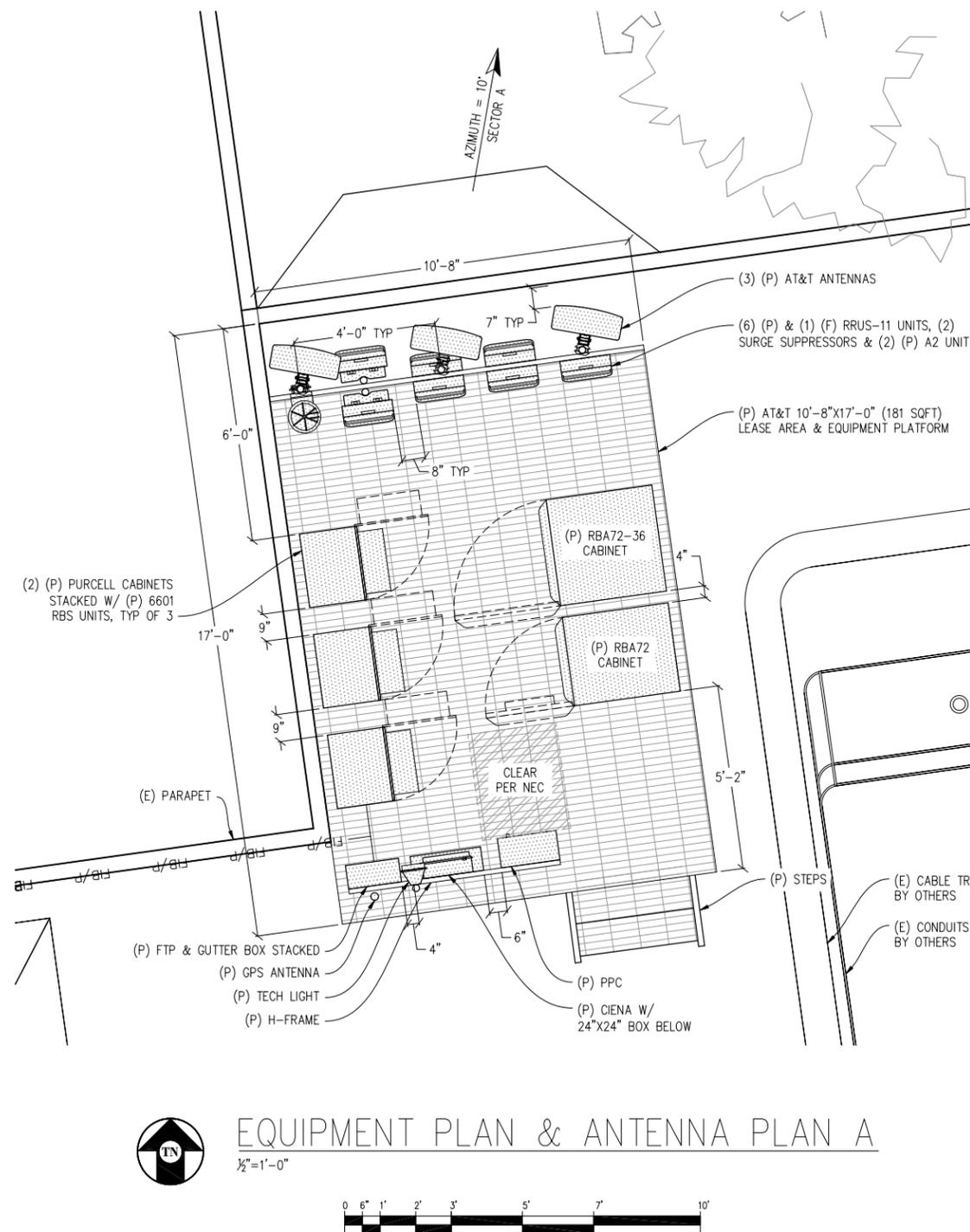
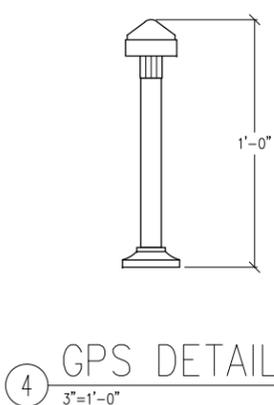
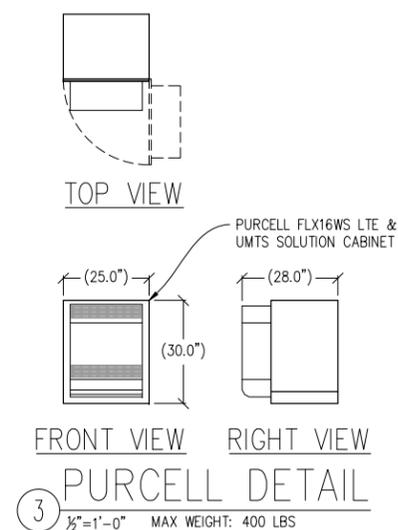
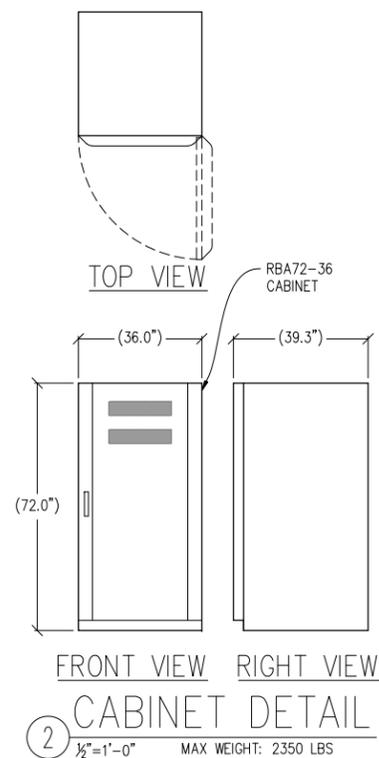
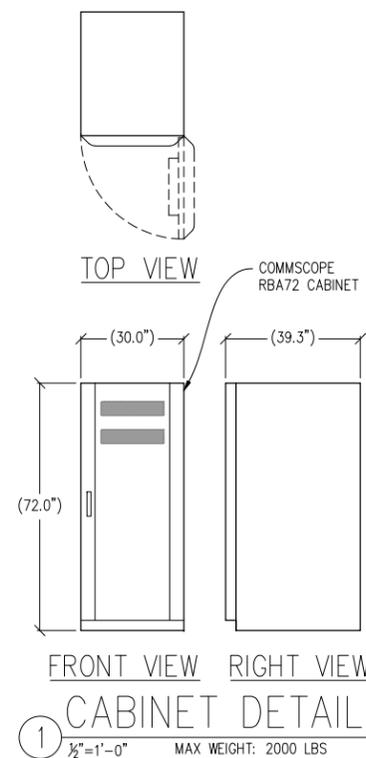
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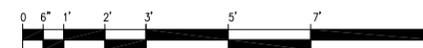
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EQUIPMENT PLAN & ANTENNA PLAN A

1/2"=1'-0"



430 BUSH STREET, 5TH FLOOR
SAN FRANCISCO, CA 94108

SHEET TITLE:

EQUIPMENT PLAN
& DETAILS

SHEET NUMBER:

A-3

ISSUE STATUS

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	10/17/12	ZD 100%	K.P.
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	12/19/13	CLIENT REV	C.C.
	01/13/14	CLIENT REV	J.S.
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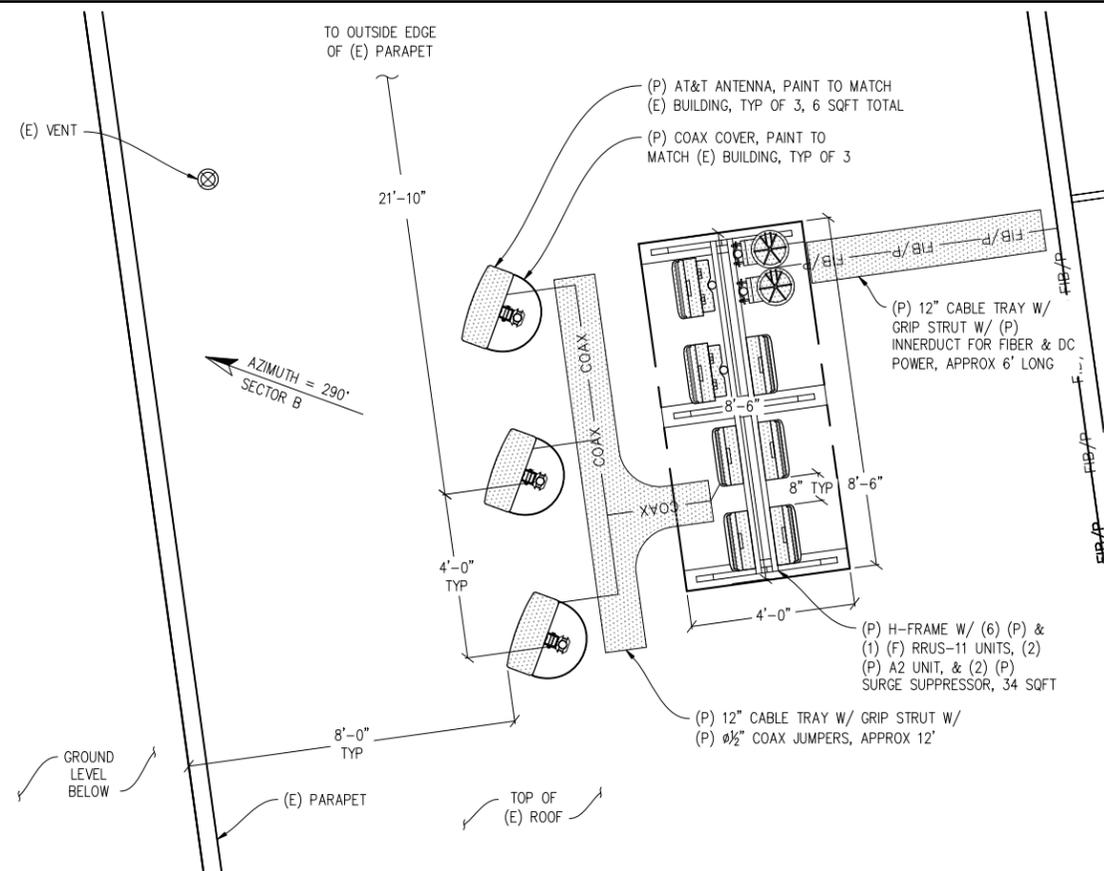
CHECKED BY: J. GRAY

APPROVED BY: -

DATE: 01/13/14

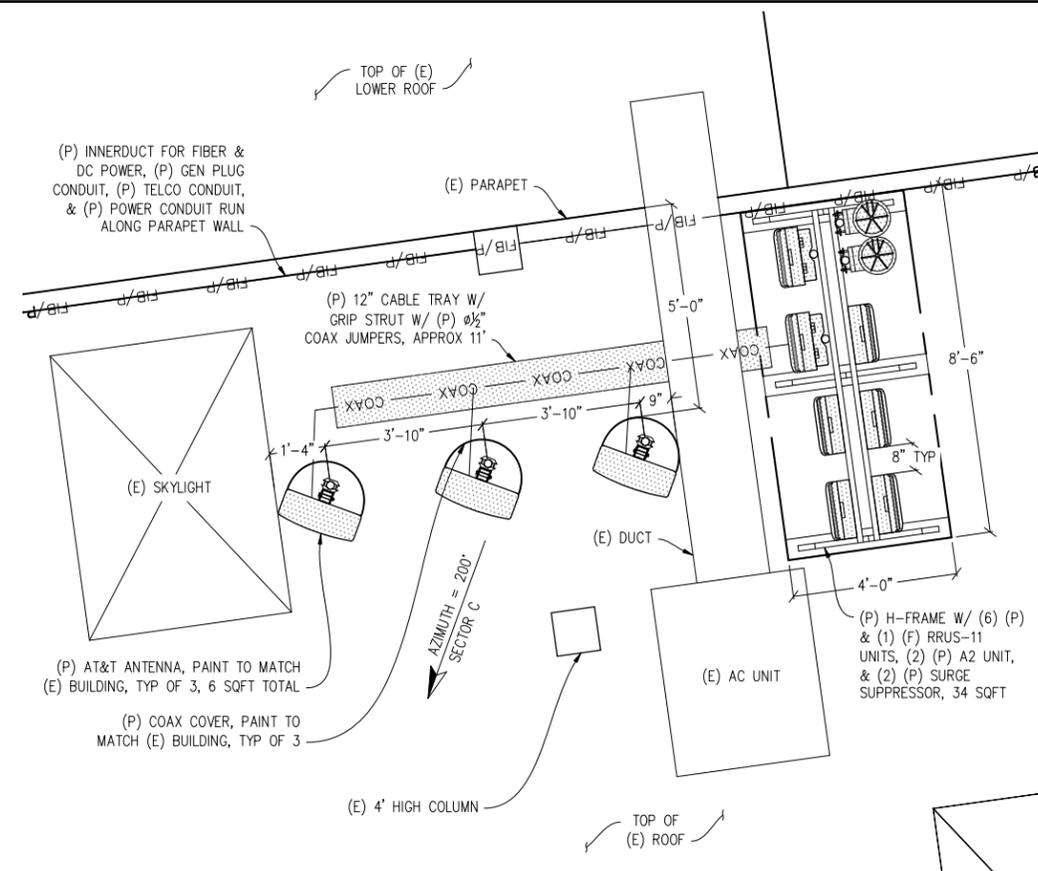
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Contact: Larry Houghby Phone: 916-275-4180
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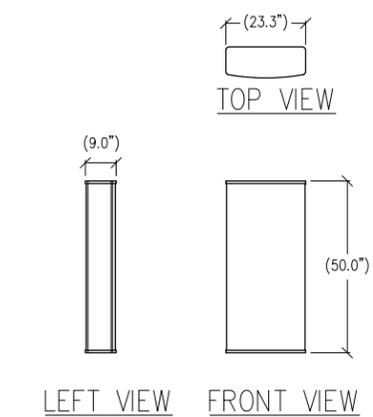
ANTENNA PLAN B

1/2"=1'-0"

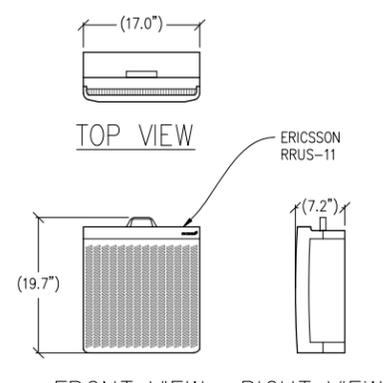


ANTENNA PLAN C

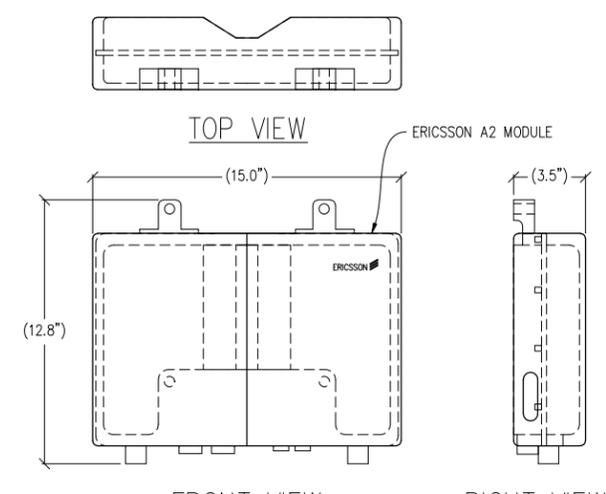
1/2"=1'-0"



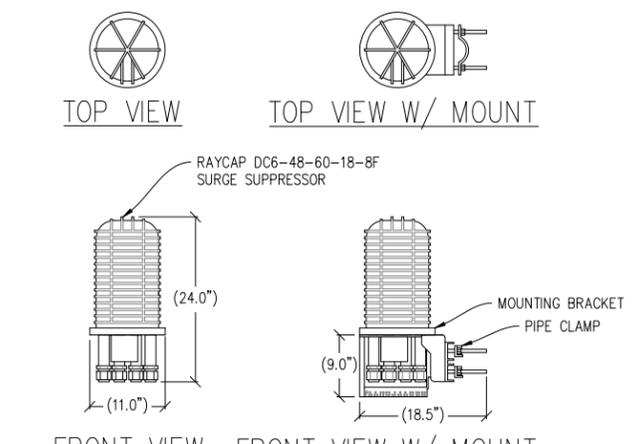
1 ANTENNA DETAIL
1/2"=1'-0" MAX WEIGHT: 45 LBS



2 RRUS-11 DETAIL
1"=1'-0" MAX WEIGHT: 50 LBS



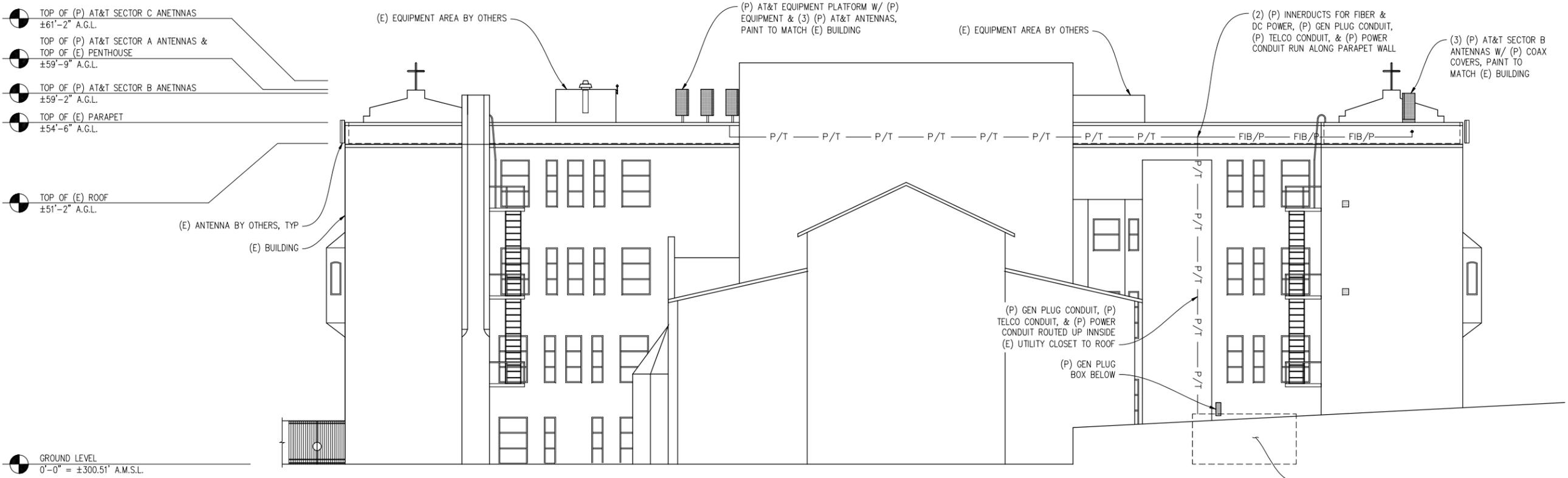
3 A2 MODULE DETAIL
3"=1'-0" MAX WEIGHT: 15 LBS



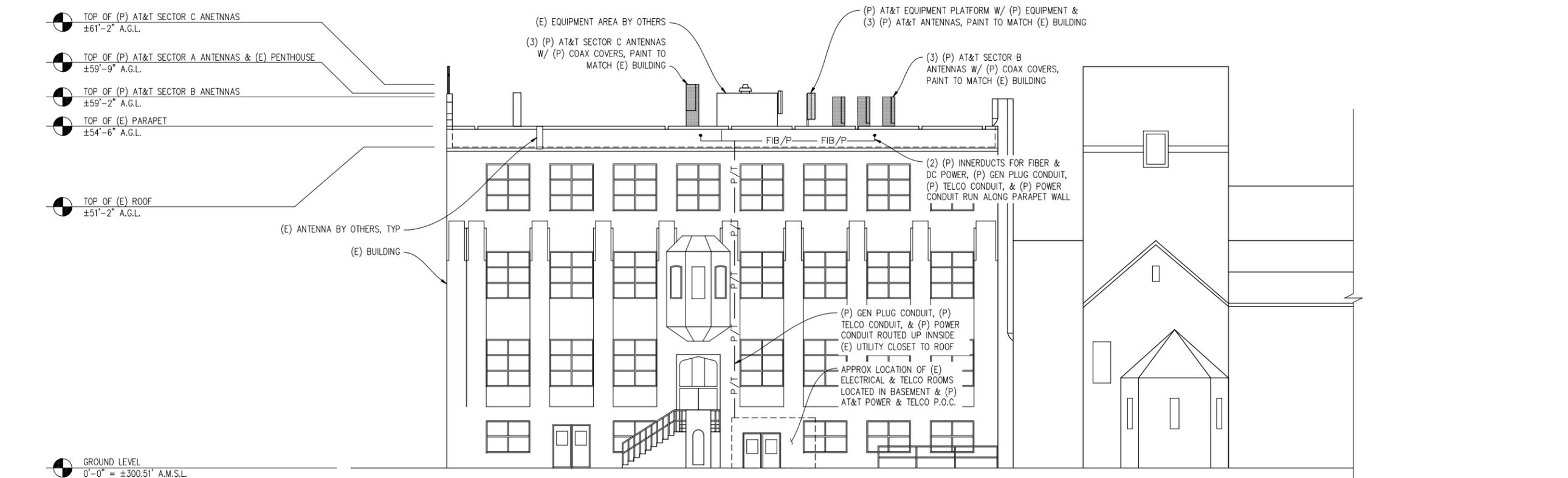
4 SURGE SUPPRESSOR DETAIL
1"=1'-0"

at&t

430 BUSH STREET, 5TH FLOOR
SAN FRANCISCO, CA 94108



NORTH ELEVATION
 1/8"=1'-0"
 VIEW FROM ANZA ST



EAST ELEVATION
 1/8"=1'-0"
 VIEW FROM MASONIC AVE

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 CC5229
 2350 TURK BLVD
 SAN FRANCISCO, CA 94118

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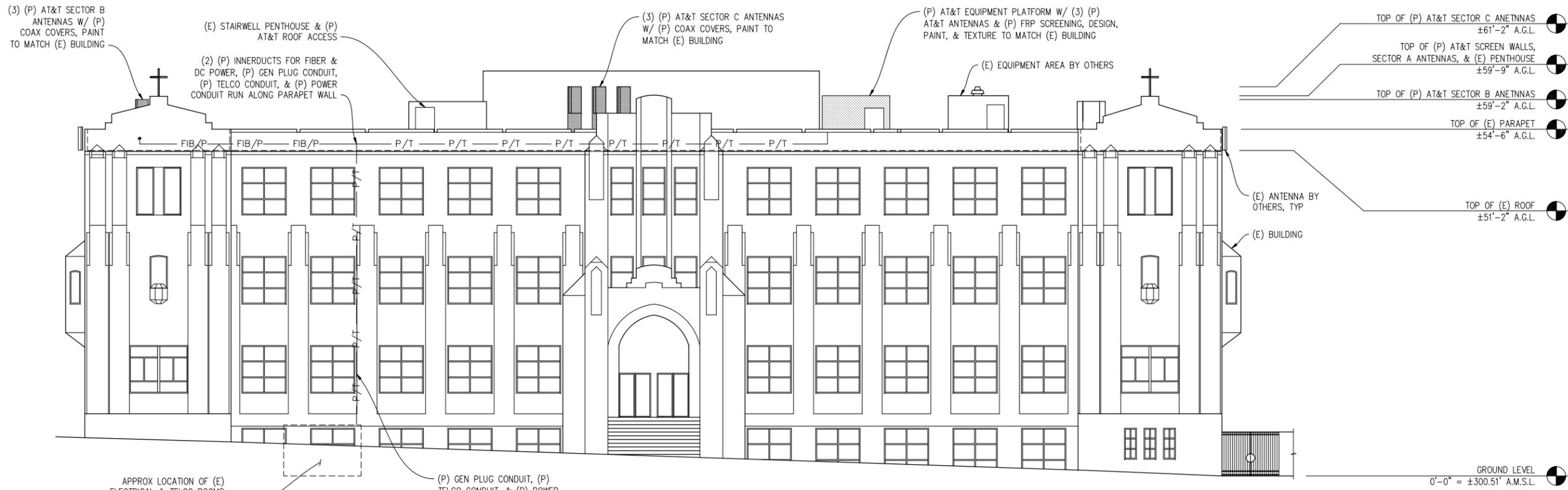
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DRAWN BY: C. CODY
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 SAN FRANCISCO, CA 94108

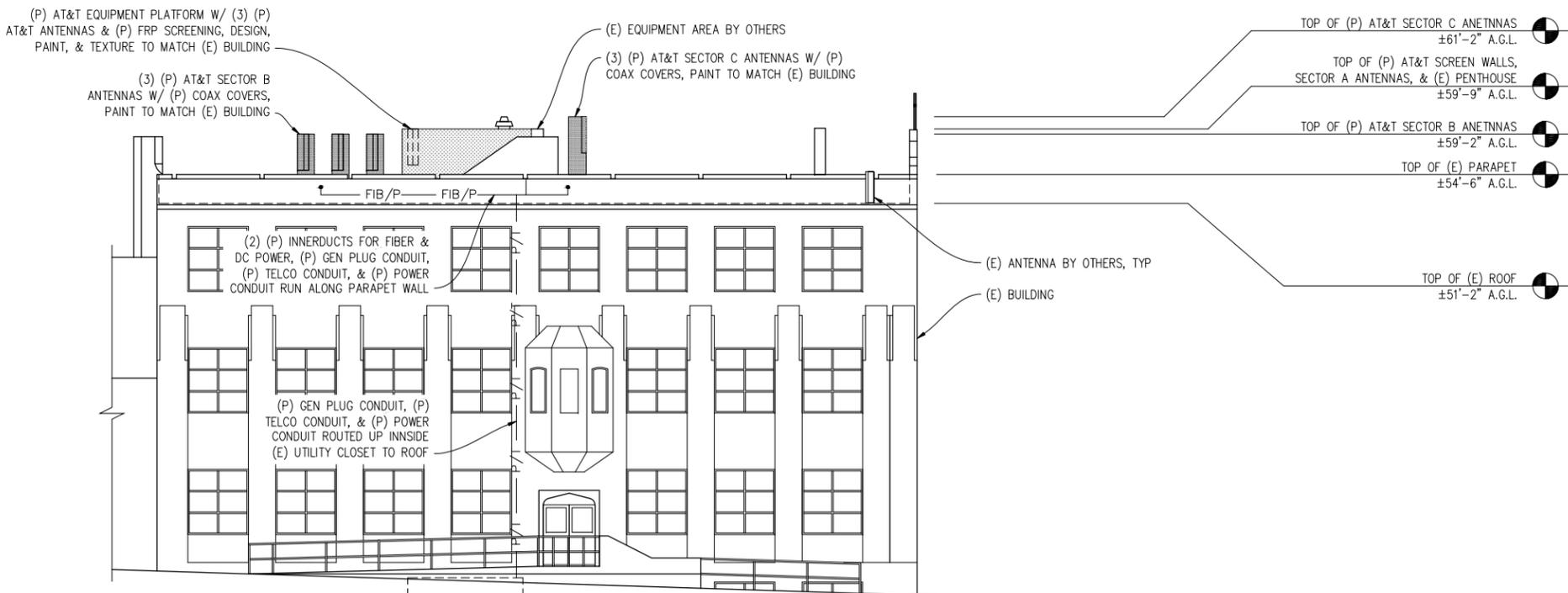
SHEET TITLE:
 ELEVATIONS
 SHEET NUMBER:
A-5



SOUTH ELEVATION

1/8" = 1'-0"
VIEW FROM TURK BLVD

APPROX LOCATION OF (E) ELECTRICAL & TELCO ROOMS LOCATED IN BASEMENT & (P) AT&T POWER & TELCO P.O.C.



WEST ELEVATION

1/8" = 1'-0"
VIEW FROM PARKER AVE

APPROX LOCATION OF (E) ELECTRICAL & TELCO ROOMS LOCATED IN BASEMENT & (P) AT&T POWER & TELCO P.O.C.

USF SCHOOL OF EDUCATION

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	01/13/14	CLIENT REV	J.S.
	-	-	-

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APPROVED BY: -
DATE: 01/13/14

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