SAN FRANCISCO
PLANNING DEPARTMENT

Executive Summary
Conditional Use Authorization
HEARING DATE: AUGUST 7, 2014

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

Reception:
415.558.6378

Fax:
415.558.6409

Planning
Information:
415.558.6377

Date:	July 31, 2014
Case No.:	**2013.1587C**
Project Address:	**1459 Hyde Street**
Current Zoning:	RM-3 (Residential, Mixed, Medium-Density) 40-X Height and Bulk District
Block/Lot:	0186/001
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 Omar.Masry@sfgov.org

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 eleven (11) screened rooftop mounted panel antennas, and electronic equipment necessary to run the facility on the roof and the first floor of an existing mixed-use building. Based on the zoning and land use, the WTS facility is proposed on a Location Preference 7 Site (Disfavored Location, Residential Zoned Site) according to the WTS Facilities Siting Guidelines.

The proposed antennas would measure approximately 57" high, by 16" wide, by 7" thick, and would be fully screened from view utilizing a combination of three (3) faux vent pipes and two (2) sets of chimney boxes. The most visible element would be composed of three (3) faux vent pipes near the southeast corner of the building, adjacent to the intersection of Hyde and Jackson Streets. The faux vent pipes would rise seven (7) feet above the roof and be setback approximately 6.75 feet from the nearest roof edge. A chimney box would be located near the roof midpoint along the Hyde Street frontage, and another chimney box would be located near the rear of the building along the Jackson Street frontage. Both chimney boxes would rise seven (7) feet above the roof and would be setback at least six (6) feet from the nearest roof edge. The visibility of the chimney boxes would be muted by the elevation change along Jackson Street, and the presence of mature street trees along Hyde Street.

The screening material used for the faux vent pipes and chimney boxes would be composed of a fiberglass like material known as fibre-reinforced plastic (FRP), which would be painted and textured to mimic mechanical elements. The FRP material allows for the screening of panel antennas, while still allowing radio waves to pass through.

Electronic equipment necessary to run the facility would be located in three areas. A portion of the equipment would be located at locations (height and setback from roof edges) that would not be visible from adjacent public rights-of-way, and condensers near an interior light well. The placement of antennas

and equipment would not appear (subject to meeting specific Radio-Frequency emission standards) to preclude future increases in usable open space through the placement of, for example, a modest roof deck to serve residents. The relatively larger, equipment cabinets would be placed within a first floor room, would include battery back-up cabinets, to provide backup power in the event of a power outage or disaster.

SITE DESCRIPTION AND PRESENT USE

The Project Site is located on Assessor's Block 0186, Lot 001 at the southwest corner of Hyde and Jackson Streets. The Subject building was developed in 1907, and is an approximately 35-foot tall, three-story mixed-use building, with a ground floor retail space (Jackson and Hyde Grocery) below two residential floors featuring ten (10) dwelling units

SURROUNDING PROPERTIES AND NEIGHBORHOOD

The Project Site lies within the Nob Hill neighborhood, along the Hyde Street cable car line, and is surrounded by low-rise, mixed-use (two residential floors over ground floor commercial) buildings to the north and east, and three-story residential buildings to the south and west.

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	July 18, 2014	July 17, 2014	21 days
Posted Notice	20 days	July 18, 2014	July 17, 2014	21 days
Mailed Notice	10 days	July 28, 2014	July 18, 2014	20 days

PUBLIC COMMENT

As of July 31, 2014, the Department has received one comment from a nearby resident opposed to the proposed Project, based on health concerns related to radio-frequency (RF) emissions. The resident also requested a Catonese language interpreter at the community meeting.

In addition, the Project Sponsor held a community meeting at the Old First Presbyterian Church, at 1751 Sacramento Street, to discuss the Project at 6:00 p.m. on June 25, 2014. Nine (9) community members attended the meeting and a Cantonese language interpreter was present. Inquires included the potential health effects of RF emissions, the potential for alternative sites, the need for the facility, and the scope of notification outreach.

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, a Conditional Use Authorization is required for a WTS facility in an RM-3 (Residential, Mixed Medium-Density) 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).
- Although the residentially zoned Project Site is considered a Disfavored Location (Location Preference 7), according to the Wireless Telecommunications Services (WTS) Facilities Siting Guidelines, the carrier, AT&T Mobility, submitted an Alternative Site Analysis, which demonstrated the lack of available Preference 1 through 6 locations.
- 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.
- The roof-mounted antennas will be screened from view by faux elements intended to resemble chimneys and vent pipes. Related electronic equipment would be located on the roof, and in a first floor room, but would not be visible from adjacent public rights-of-way.
- 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**

☒	Executive Summary	☒	Project sponsor submittal
☒	Draft Motion		Drawings: Proposed Project
☒	Zoning District Map	☒	Check for legibility
☐	Height & Bulk Map	☒	Photo Simulations
☒	Parcel Map	☒	Coverage Maps
☒	Sanborn Map	☒	RF Report
☒	Aerial Photo	☒	DPH Approval
☒	Context Photos	☒	Community Outreach Report
☒	Site Photos	☒	Independent Evaluation

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

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

Reception:
415.558.6378

Fax:
415.558.6409

Planning
Information:
415.558.6377

Planning Commission Motion No. XXXXX

HEARING DATE: AUGUST 7, 2014

Date:	July 31, 2014
Case No.:	**2013.1587C**
Project Address:	**1459 Hyde Street**
Current Zoning:	RM-3 (Residential, Mixed Medium-Density) 65-A Height and Bulk District
Blocks/Lots:	0186/001
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 Omar.Masry@sfgov.org

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 ELEVEN SCREENED PANEL ANTENNAS ON THE ROOF OF AN EXISTING MIXED-USE BUILDING AND ASSOCIATED EQUIPMENT LOCATED ON THE ROOF AND FIRST FLOOR AS PART OF AT&T MOBILITY'S WIRELESS TELECOMMUNICATIONS NETWORK WITHIN A RM-3 (RESIDENTIAL, MIXED MEDIUM-DENSITY) ZONING DISTRICT, AND A 65-A HEIGHT AND BULK DISTRICT.

PREAMBLE

On October 30, 2013, AT&T Mobility (hereinafter "Project Sponsor"), submitted an application (hereinafter "Application"), for a Conditional Use Authorization on the property at 1459 Hyde Street, Lot 001, in Assessor's Block 0186 (hereinafter "Project Site") to install a wireless telecommunications service facility (hereinafter "WTS") consisting of eleven (11) screened panel antennas on the roof, and equipment on the roof and in a first floor room , as part of AT&T Mobility's telecommunications network, within a RM-3 (Residential, Mixed Medium-Density) Zoning District, and a 65-A 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 August 7, 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. 2013.1587C, 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 0186, Lot 001 at the southwest corner of Hyde and Jackson Streets. The Subject building was developed in 1907, and is an approximately 35-foot tall, three-story mixed-use building, with a ground floor retail space (Jackson and Hyde Grocery), below two residential floors, featuring ten (10) dwelling units

3. **Surrounding Properties and Neighborhood**. The Project Site lies within the Nob Hill neighborhood, along the Hyde Street cable car line, and is surrounded by low-rise, mixed-use (two residential floors over ground floor commercial) buildings to the north and east, and three-story residential buildings to the south and west.

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 eleven (11) screened rooftop mounted panel antennas, and electronic equipment necessary to run the facility on the roof and the first floor of an existing mixed-use building.

   The proposed antennas would measure approximately 57" high, by 16" wide, by 7" thick, and would be fully screened from view utilizing a combination of three (3) faux vent pipes and two (2) sets of chimney boxes. The most visible element would be composed of three (3) faux vent pipes near the southeast corner of the building, adjacent to the intersection of Hyde and Jackson Streets. The faux vent pipes would rise seven (7)

feet above the roof and be setback approximately 6.75 feet from the nearest roof edge. A chimney box would be located near the roof midpoint along the Hyde Street frontage, and another chimney box would be located near the rear of the building along the Jackson Street frontage. Both chimney boxes would rise seven (7) feet above the roof and would be setback at least six (6) feet from the nearest roof edge. The visibility of the chimney boxes would be muted by the elevation change along Jackson Street, and the presence of mature street trees along Hyde Street.

The screening material used for the faux vent pipes and chimney boxes would be composed of a fiberglass like material known as fibre-reinforced plastic (FRP), which would be painted and textured to mimic mechanical elements. The FRP material allows for the screening of panel antennas, while still allowing radio waves to pass through.

Electronic equipment necessary to run the facility would be located in three areas. A portion of the equipment would be placed on the roof of the building, but would be at heights and setbacks from roof edges so at not be visible from adjacent public rights-of-way. The placement of antennas and equipment would not appear (subject to meeting specific Radio-Frequency emission standards) to preclude future increases in usable open space through the placement of, for example, a modest roof deck to serve residents. The relatively larger equipment cabinets that would be placed within a first floor room would include battery back-up cabinets to provide backup power in the event of a power outage or disaster.

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 were the installation of wireless facilities should be located:

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

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

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

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

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

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 zoning and land use, the WTS facility is proposed on a Location Preference 7 Site (Disfavored Location, Residential Zoned Site) according to the WTS Facilities Siting Guidelines.

   The carrier, AT&T Mobility, submitted an Alternative Site Analysis, which demonstrated the lack of available Preference 1 through 6 locations.

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. **Radio Frequency (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 RF

levels at ground level were around 1% of the FCC public exposure limit.

AT&T Mobility proposes to install eleven (11) panel antennas. The antennas would be mounted at a height of approximately 40-feet above the ground. The estimated ambient RF field from the proposed AT&T Mobility transmitters at ground level is calculated to be 0.053 mW/sq. cm., which is 8.7% of the FCC public exposure limit. The three dimensional perimeter of RF levels equal to the public exposure limit extends 69 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 (25 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, and 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 Old First Presbyterian Church, at 1751 Sacramento Street, to discuss the Project at 6:00 p.m. on June 25, 2014. Nine (9) community members attended the meeting and a Cantonese language interpreter was present. Inquires included the potential health effects of RF emissions, the potential for alternative sites, the need for the facility, and the scope of notification outreach.

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 31, 2014, the Department has received one comment from a resident opposed to the proposed Project, based on health concerns related to 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 utility installations, 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 Authorization. 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 1459 Hyde Street is generally desirable and compatible with the surrounding neighborhood because the Project will not conflict with the existing uses of the property and will be designed to be compatible with the surrounding 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 adjacent buildings, and insure harmony with the existing neighborhood character and promote public safety.

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

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

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

The proposed Project at 1459 Hyde Street is necessary in order to achieve sufficient street and in-building mobile phone coverage and data capacity. Recent drive tests in the subject area conducted by the AT&T Mobility Radio Frequency Engineering Team provide that the Project Site is 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;

The proposed facility would be screened from view by elements intended to mimic mechanical elements (vent pipes and chimney boxes) typically associated with the Subject Building. The proposed antennas, screening elements, and equipment will not adversely 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 Hyde Street, which features a cable car line, and serves as an important corridor within the Nob Hill neighborhood.

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 would be screened from view, by elements featuring a massing, setback from roof edge, and height to avoid appearing distracting or cluttered.

COMMERCE AND INDUSTRY ELEMENT
Objectives and Policies

OBJECTIVE 1:
MANAGE ECONOMIC GROWTH AND CHANGE TO ENSURE ENHANCEMENT OF THE TOTAL CITY LIVING AND WORKING ENVIRONMENT.

Policy 1.1:
Encourage development, which provides substantial net benefits and minimizes undesirable consequences. Discourage development, which has substantial undesirable consequences that cannot be mitigated.

Policy 1.2:
Assure that all commercial and industrial uses meet minimum, reasonable performance standards.

The Project 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 1.1:
Seek to retain existing commercial and industrial activity and to attract new such activity to the city.

Policy 1.3:
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 1.1:
Maintain and enhance a favorable business climate in the City.

Policy 4.2:
Promote and attract those economic activities with potential benefit to the City.

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

VISITOR TRADE
OBJECTIVE 8:
ENHANCE SAN FRANCISCO'S POSITION AS A NATIONAL CENTER FOR CONVENTIONS AND VISITOR TRADE.

Policy 8.3:
Assure that areas of particular visitor attraction are provided with adequate public services for both residents and visitors.

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

COMMUNITY SAFETY ELEMENT
Objectives and Policies

OBJECTIVE 3:
ESTABLISH STRATEGIES TO ADDRESS THE IMMEDIATE EFFECTS OF A DISASTER.

Policy 1.20
Increase communication capabilities in preparation for all phases of a disaster and ensure communication abilities extend to hard-to-reach areas and special populations.

Policy 2.4
Bolster the Department of Emergency Management's role as the City's provider of emergency planning and communication, and prioritize its actions to meet the needs of San Francisco.

Policy 2.15
Utilize advancing technology to enhance communication capabilities in preparation for all phases of a disaster, particularly in the high-contact period immediately following a disaster.

Policy 3.7:
Develop a system to convey personalized information during and immediately after a disaster.

The Project 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 would 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 or ground floor commercial uses would be displaced or altered in any way by the granting of this Authorization. The facility would not require the removal of dwelling units nor is expected to result in adverse effects to on-site and nearby residents.

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 Subject Building is considered a Potential Historic Resource, which was developed in 1907. The surrounding area features other similar buildings considered Potential Historic Resources, which were developed at near the same time as the Subject Building. The proposed facility would not result in the removal of any elements considered character defining (e.g. primary facades) or elements demonstrating craftsmanship. Where visible, the facility would be screened from view by elements intended to mimic mechanical elements (vent pipes and chimneys) typically found on buildings within the neighborhood. Lastly, the proposed facility would not detract from the view of surrounding buildings.

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

The Project would 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 eleven (11) screened panel antennas on the roof, and equipment on the roof and in a first floor room at the Project Site and as part of a wireless transmission network operated by AT&T Mobility on a Location Preference 7 (Disfavored Location) according to the Wireless Telecommunications Services (WTS) Facilities Siting Guidelines, within an RM-3 (Residential Mixed, Medium-Density) District, and a 65-A Height and Bulk District, and subject to the conditions of approval attached hereto as **Exhibit A;** in general conformance with the plans, dated June 30, 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 re-commence the 90-day approval period.

I hereby certify that the foregoing Motion was adopted by the Planning Commission on **August 7, 2014**.

Jonas P. Ionin
Commission Secretary

AYES:

NAYS:

ABSENT:

ADOPTED: August 7, 2014

EXHIBIT A

AUTHORIZATION

This authorization is for a Conditional Use Authorization under Planning Code Sections 209.6(b) and 303 to install eleven (11) screened panel antennas on the roof, and equipment on the roof and in a first floor room at the Project Site and as part of a wireless transmission network operated by AT&T Mobility on a Location Preference 7 (Disfavored Location) according to the Wireless Telecommunications Services (WTS) Facilities Siting Guidelines, within an RM-3 (Residential Mixed, Medium-Density) District, and a 65-A Height and Bulk District, and subject to the conditions of approval attached hereto as **Exhibit A;** in general conformance with the plans, dated June 30, 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 **August 7, 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.

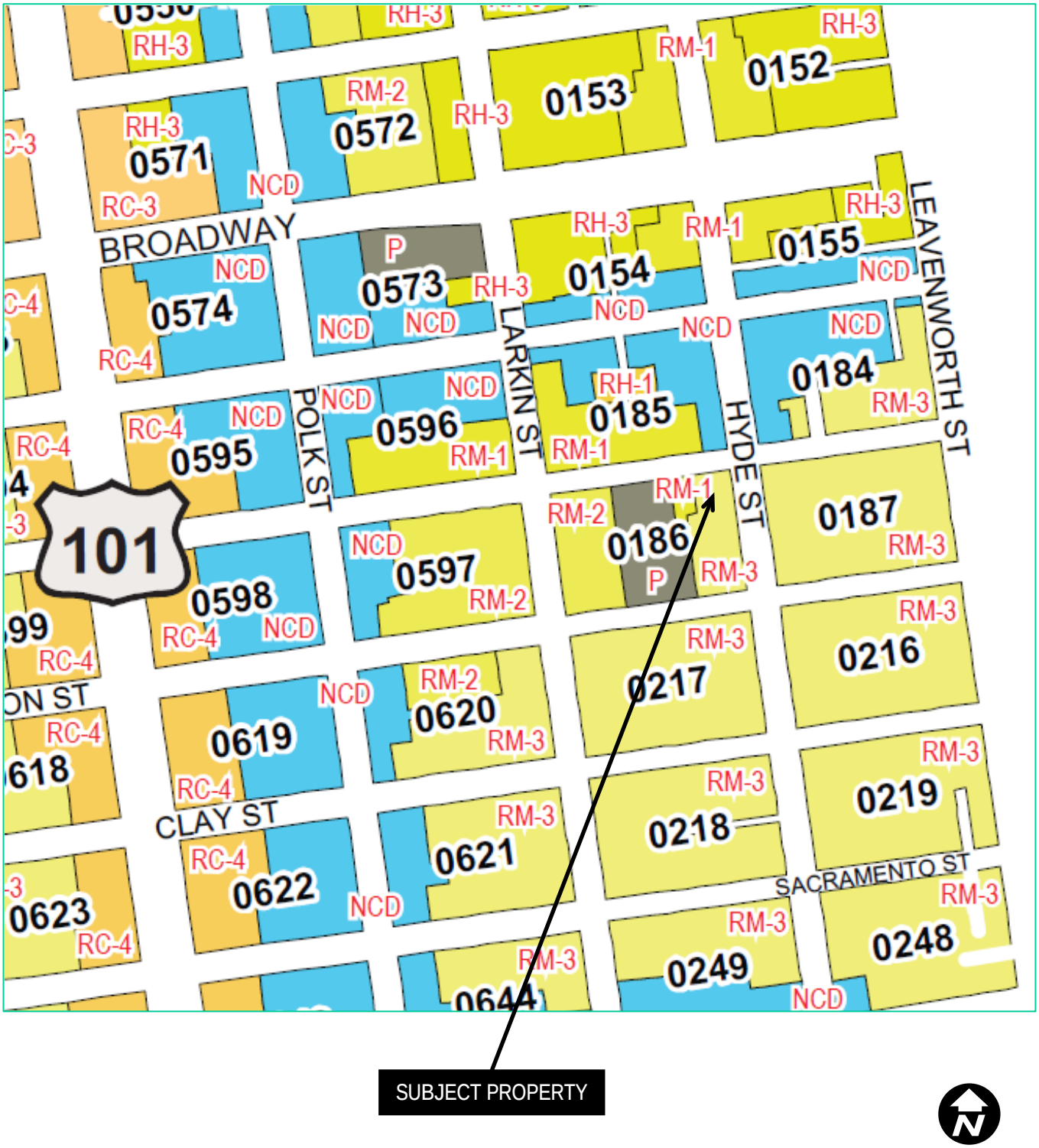
17. **Noise and Heat – WTS**. The WTS facility, including power source and cooling facility, shall be operated at all times within the limits of the San Francisco Noise Control Ordinance. The WTS facility, including power source and any heating/cooling facility, shall not be operated so as to cause the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

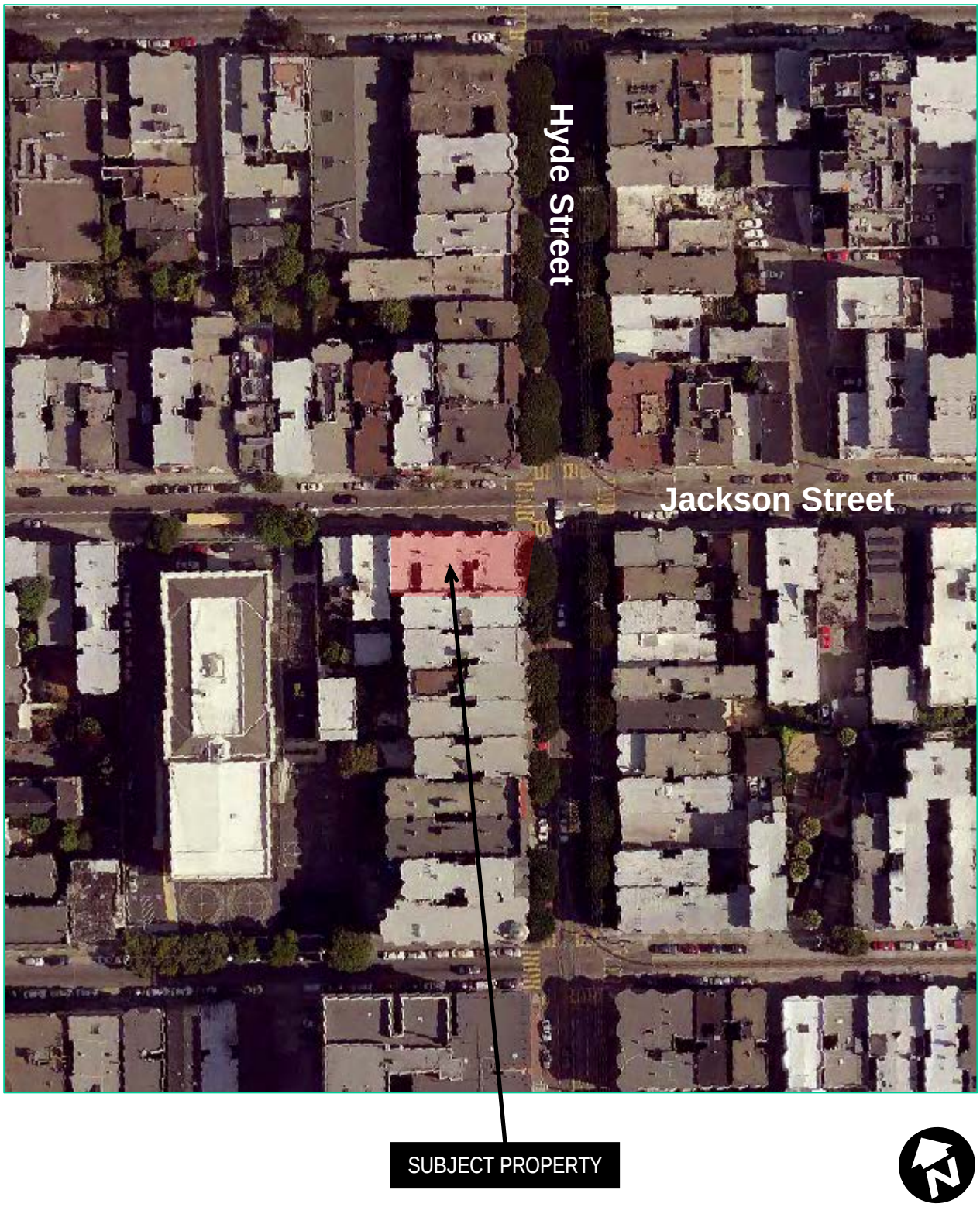
Zoning Map



Case Number 2013.1587C
AT&T Mobility Macro WTS Facility
1459 Hyde Street

SAN FRANCISCO
PLANNING DEPARTMENT

Aerial Photo



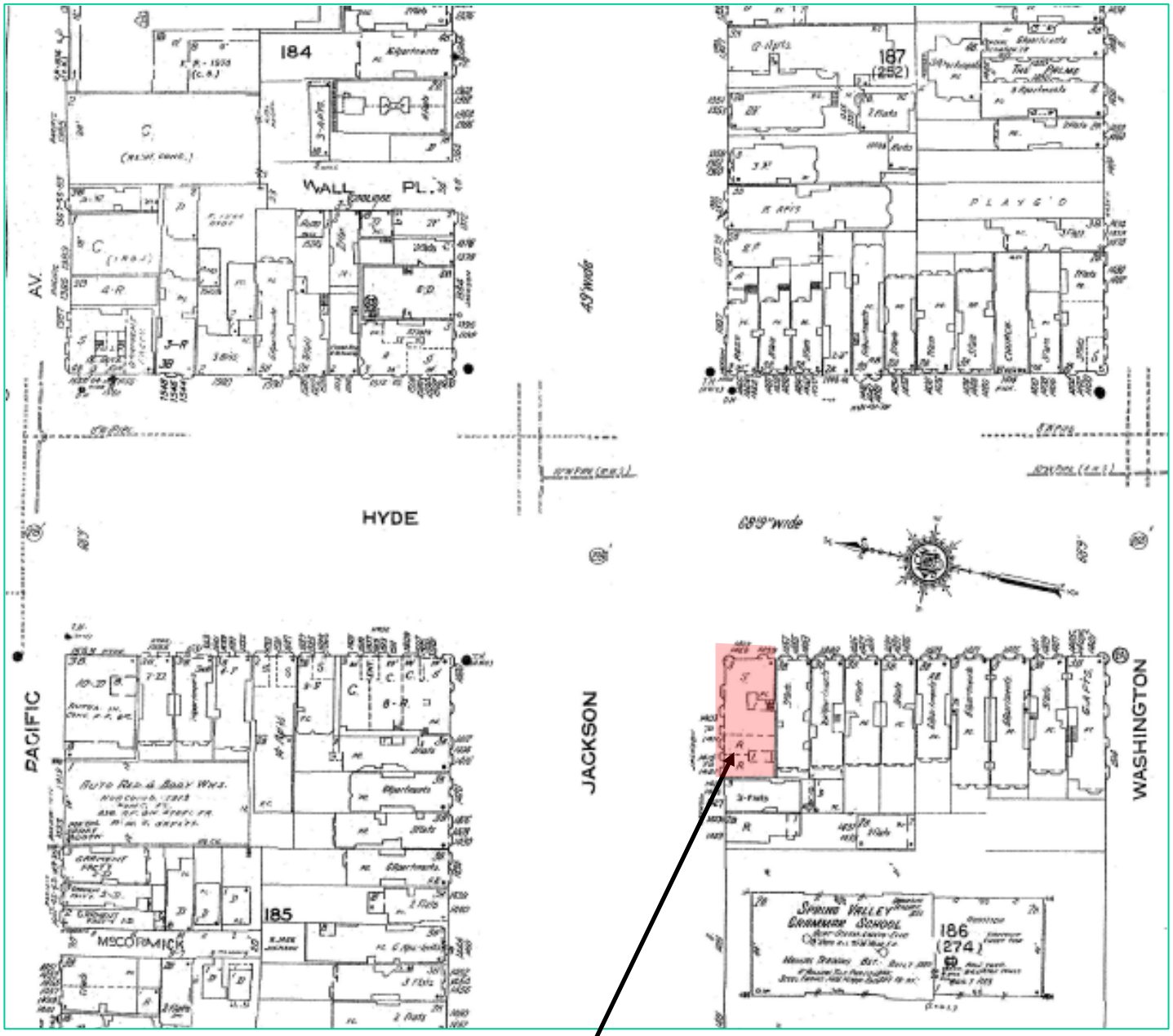
Case Number 2013.1587C
AT&T Mobility Macro WTS Facility
1459 Hyde Street

Parcel Map

Case Number 2013.1587C
AT&T Mobility Macro WTS Facility
1459 Hyde Street

SAN FRANCISCO
PLANNING DEPARTMENT

Sanborn Map*



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

Case Number 2013.1587C
AT&T Mobility Macro WTS Facility
1459 Hyde Street

G. Contextual Photographs

See attached photographs of the surrounding buildings within 100-feet of the subject property showing the facades and heights of nearby buildings.

Proposed Site at SW Corner of Hyde and Jackson and buildings SW Side of Hyde

Proposed Site at SW Corner of Hyde and Jackson and buildings SW Side of Jackson

Mixed Use Building NE Corner of Hyde and Jackson

Mixed Use Building NW Corner of Hyde and Jackson and NW side of Jackson

Mixed Use Building SE Corner of Hyde and Jackson and SE side of Hyde

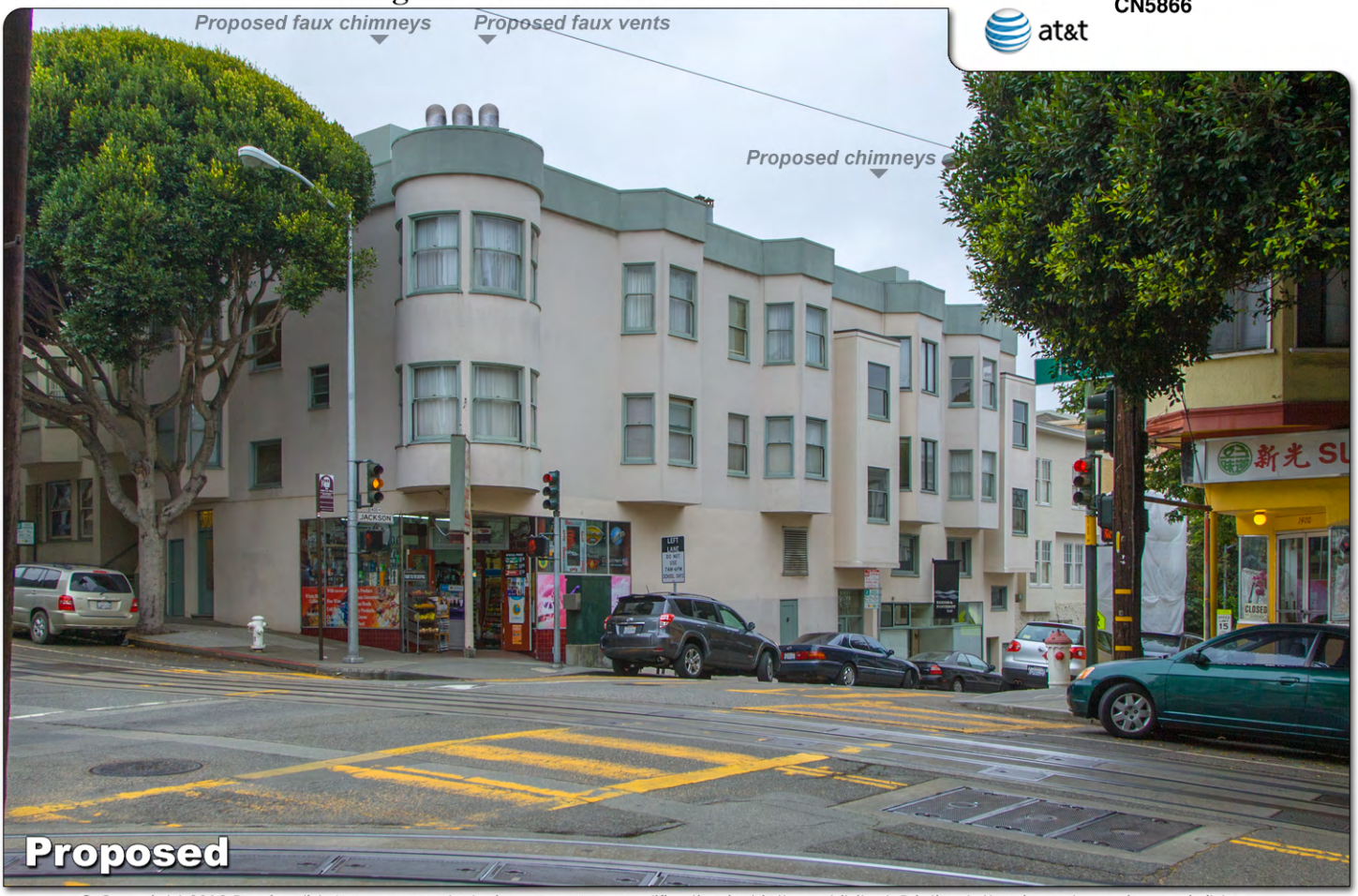
H. Photo Simulations

Please see attached photosimulations.

1459 Hyde St
1459 Hyde St
San Francisco, CA 94109
CN5866

at&t

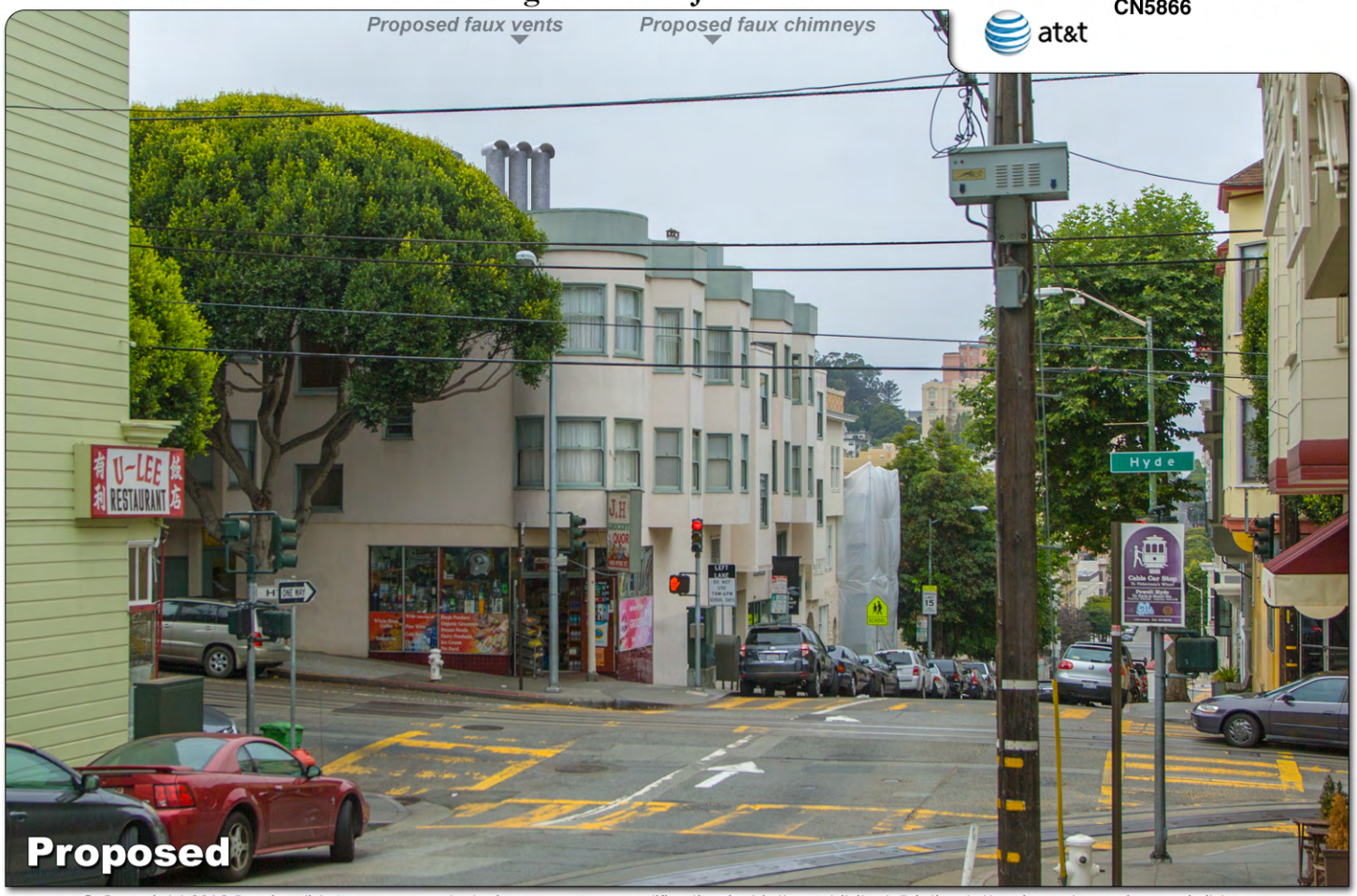
Photosim of the view looking southwest from across the intersection.



1459 Hyde St
1459 Hyde St
San Francisco, CA 94109
CN5866

at&t

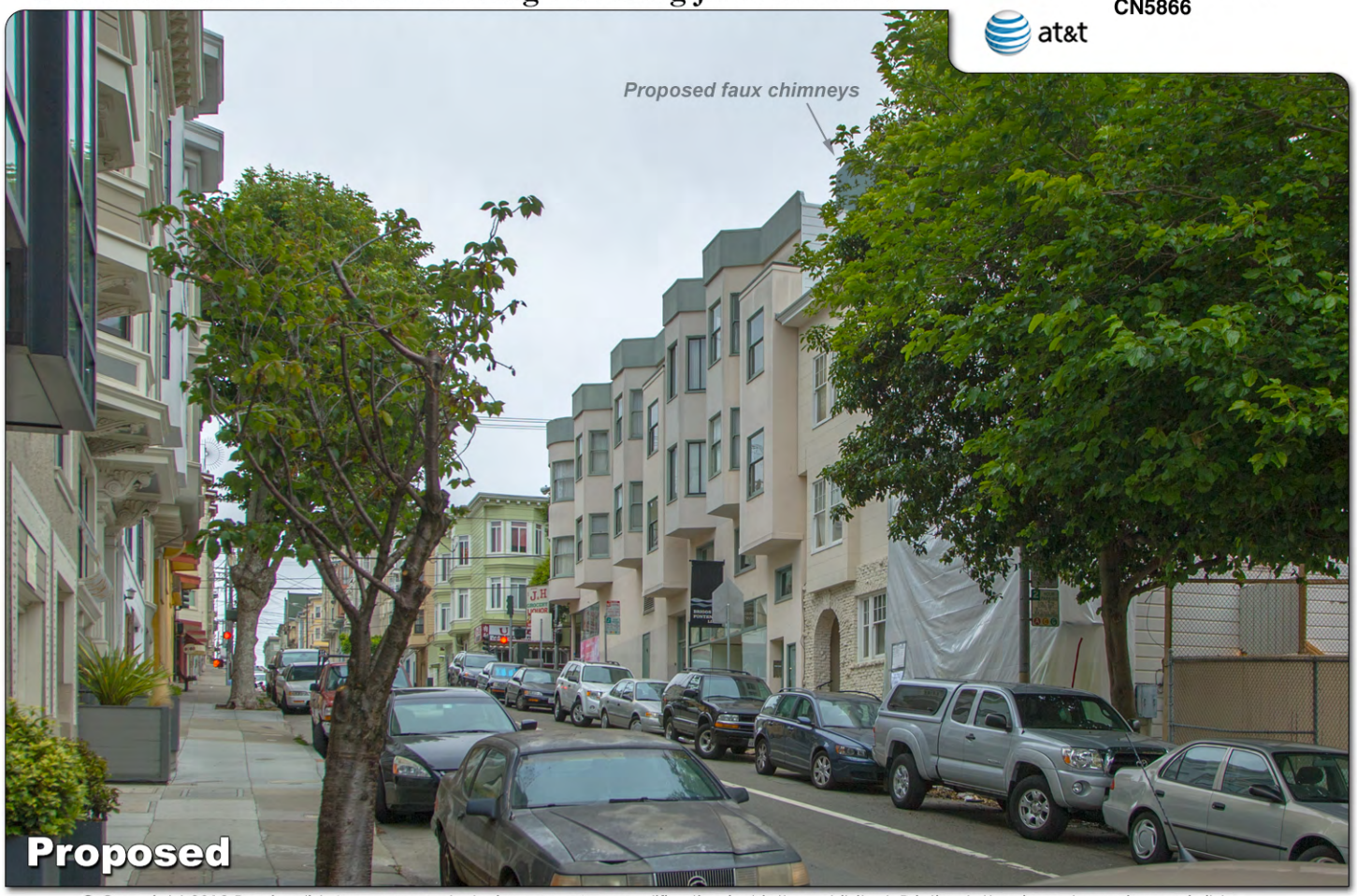
Photosimulation of the view looking west from Jackson Street.



1459 Hyde St
1459 Hyde St
San Francisco, CA 94109
CN5866

at&t

Photosimulation of the view looking east along Jackson Street.

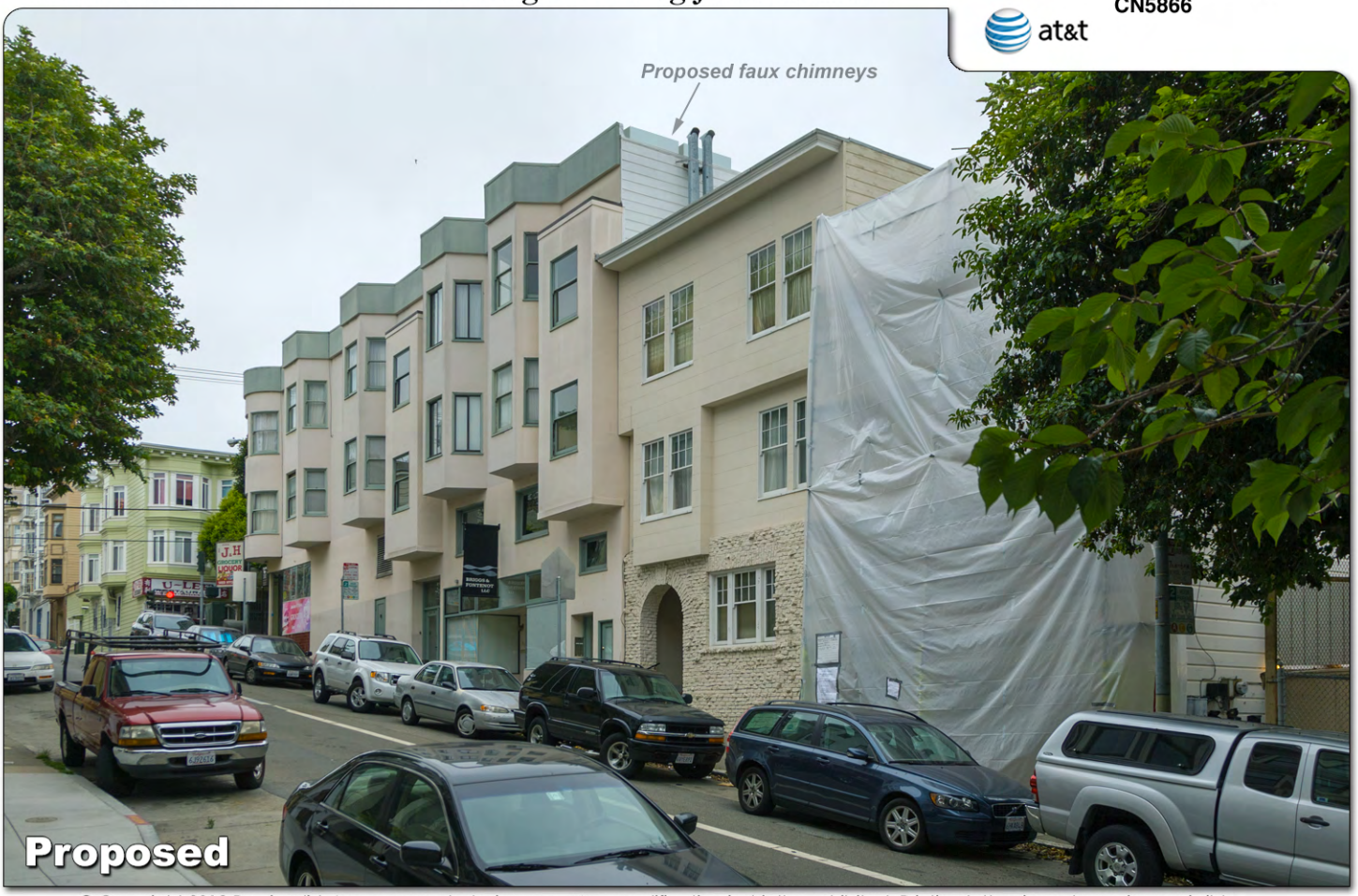


1459 Hyde St

1459 Hyde St
San Francisco, CA 94109
CN5866

at&t

Photosimulation of the view looking east along Jackson Street.



AT&T Mobility • Proposed Base Station (Site No. CN5866)
1459 Hyde Street • San Francisco, California

Statement of Hammett & Edison, Inc., Consulting Engineers

The firm of Hammett & Edison, Inc., Consulting Engineers, has been retained on behalf of AT&T Mobility, a personal wireless telecommunications carrier, to evaluate the base station (Site No. CN5866) proposed to be located at 1459 Hyde Street in San Francisco, California, for compliance with appropriate guidelines limiting human exposure to radio frequency ("RF") electromagnetic fields.

Background

The San Francisco Department of Public Health has adopted 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. Rajat Mathur, P.E., a qualified engineer employed by Hammett & Edison, Inc., during normal business hours on May 8, 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 October 8, 2013.

Checklist

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

There were observed no wireless base stations installed at the site. Existing RF levels for a person at ground near the site were less than 1% of the most restrictive public exposure limit. The measurement equipment used was a Wandel & Goltermann Type EMR-300 Radiation Meter with Type 8 Isotropic Electric Field Probe (Serial No. P-0036). 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.

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 eleven directional panel antennas – three Andrew Model SBNHH-1D65A antennas oriented toward 40°T and eight Andrew Model SBNH-1D4545A-VTM antennas oriented in groups of four toward 110°T and 270°T – within seven enclosures, configured to resemble vents and chimneys, above the roof of the three-story residential building located at 1459 Hyde Street. The antennas would be mounted with up to 10° downtilt at an effective height of about 39½ feet above ground, 4½ feet above the roof.

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.

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 10,630 watts, representing simultaneous operation at 2,890 watts for WCS,* 5,560 watts for PCS, 1,000 watts for cellular, and 1,180 watts for 700 MHz service.

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 buildings of similar height located nearby.

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 is calculated to be 0.053 mW/cm^2, which is 8.7% of the applicable public exposure limit. Ambient RF levels at ground level near the site are therefore estimated to be below 9.7% of the limit. The three-dimensional perimeter of RF levels equal to the public exposure limit is calculated to extend up to 69 feet out from the antenna faces and to much lesser distances above, below, and to the sides; this includes areas on the roof of the building but does not reach any publicly accessible areas.

* Effective radiated power for WCS, as well as power density levels, were calculated using equivalent AWS antenna.

9. Describe proposed signage at site.

Due to their mounting locations, the AT&T antennas would not be accessible to the general public, and so no mitigation measures are necessary to comply with the FCC public exposure guidelines. To prevent occupational exposures in excess of the FCC guidelines, it is recommended that appropriate RF safety training be provided to all authorized personnel who have access to the rooftop, including employees and contractors of AT&T as well as roofers, HVAC workers, and building maintenance staff. No access within 25 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 "Prohibited Access Areas" with red paint stripes and "Worker Notification Areas" with yellow paint stripes on the roof of the building in front of the antennas, as shown in Figure 1 attached, and posting explanatory warning signs† at the roof access ladder and on the antenna enclosures, 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.

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.

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

Conclusion

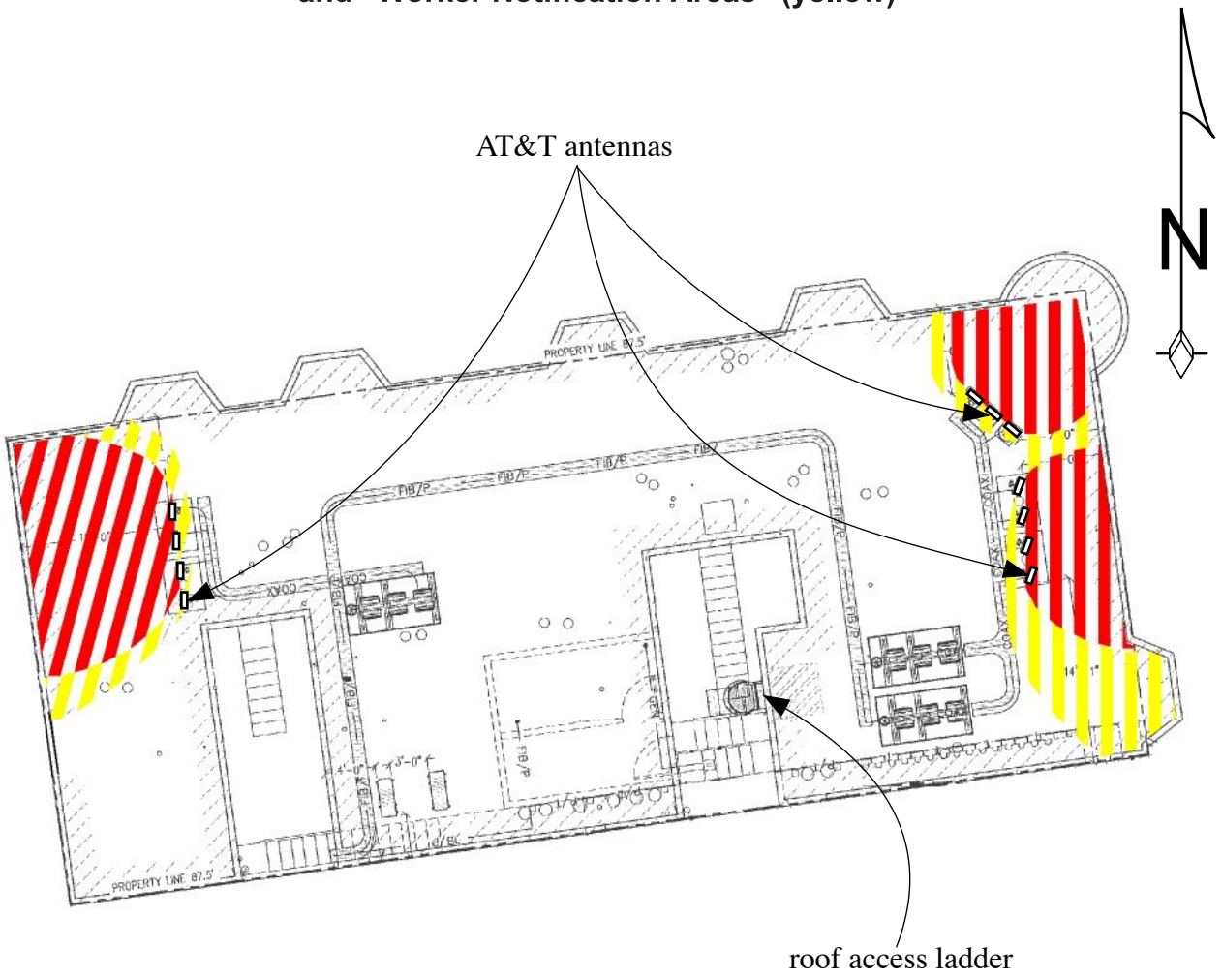
Based on the information and analysis above, it is the undersigned's professional opinion that operation of the base station proposed by AT&T Mobility at 1459 Hyde Street in San Francisco, California, will comply with the prevailing standards for limiting public exposure to radio frequency energy and, therefore, will not for this reason cause a significant impact on the environment. The highest calculated level in publicly accessible areas is much less than the prevailing standards allow for exposures of unlimited duration. This finding is consistent with measurements of actual exposure conditions taken at other operating base stations. Training of authorized personnel, marking roof areas and posting explanatory signs is recommended to establish compliance with occupational exposure limitations.

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

October 23, 2013

AT&T Mobility • Proposed Base Station (Site No. CN5866)
1459 Hyde Street • San Francisco, California

Suggested Minimum Locations for Striping to Identify
"Prohibited Access Areas" (red)
and "Worker Notification Areas" (yellow)



Notes:
Base drawing from Streamline Engineering and Design, Inc., dated October 8, 2013.
"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 at the roof access ladder and on the antenna enclosures, readily visible to authorized workers needing access. See text.

City and County of San Francisco
DEPARTMENT OF PUBLIC HEALTH
ENVIRONMENTAL HEALTH SECTION

Edwin M. Lee, Mayor
Barbara A. Garcia, MPA, Director of Health
Rajiv Bhatia, MD, MPH, Director of EH

Review of Cellular Antenna Site Proposals

Project Sponsor : *AT&T Wireless* **Planner:** *Omar Masry*

RF Engineer Consultant: *Hammett and Edison* **Phone Number:** *(707) 996-5200*

Project Address/Location: *1459 Hyde St*

Site ID: *1816* **SiteNo.:** *CN5866*

The following information is required to be provided before approval of this project can be made. These information requirements are established in the San Francisco Planning Department Wireless Telecommunications Services Facility Siting Guidelines dated August 1996.
In order to facilitate quicker approval of this project, it is recommended that the project sponsor review this document before submitting the proposal to ensure that all requirements are included.

X 1. The location of all existing antennas and facilities. Existing RF levels. (WTS-FSG, Section 11, 2b)

☐ Existing Antennas No Existing Antennas: **0**

X 2. The location of all approved (but not installed) antennas and facilities. Expected RF levels from the approved antennas. (WTS-FSG Section 11, 2b)

◉ **Yes** ○ **No**

X 3. The number and types of WTS within 100 feet of the proposed site and provide estimates of cumulative EMR emissions at the proposed site. (WTS-FSG, Section 10.5.2)

○ **Yes** ○ **No**

X 4. Location (and number) of the Applicant's antennas and back-up facilities per building and number and location of other telecommunication facilities on the property (WTS-FSG, Section 10.4.1a)

X 5. Power rating (maximum and expected operating power) for all existing and proposed backup equipment subject to the application (WTS-FSG, Section 10.4.1c)

Maximum Power Rating: **10630** watts.

X 6. The total number of watts per installation and the total number of watts for all installations on the building (roof or side) (WTS-FSG, Section 10.5.1).

Maximum Effective Radiant: **10630** watts.

X 7. Preferred method of attachment of proposed antenna (roof, wall mounted, monopole) with plot or roof plan. Show directionality of antennas. Indicate height above roof level. Discuss nearby inhabited buildings (particularly in direction of antennas) (WTS-FSG, Section 10.41d)

X 8. Report estimated ambient radio frequency fields for the proposed site (identify the three-dimensional perimeter where the FCC standards are exceeded.) (WTS-FSG, Section 10.5) State FCC standard utilized and power density exposure level (i.e. 1986 NCRP, 200 $\mu w/cm^2$)

Maximum RF Exposure: **0.053** mW/cm^2 Maximum RF Exposure Percent: **8.7**

X 9. Signage at the facility identifying all WTS equipment and safety precautions for people nearing the equipment as may be required by any applicable FCC-adopted standards. (WTS-FSG, Section 10.9.2). Discuss signage for those who speak languages other than English.

☑ Public_Exclusion_Area Public Exclusion In Feet: **69**

☑ Occupational_Exclusion_Area Occupational Exclusion In Feet: **25**

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 currently no antennas operated by AT&T Wireless installed on the roof top of the building at 1459 Hyde Street. Existing RF levels at ground level were around 1% of the FCC public exposure limit. There were observed no other antennas within 100 feet of this site. AT&T Wireless proposes to install 11 new antennas. The antennas will be mounted at a height of about 40 feet above the ground. The estimated ambient RF field from the proposed AT&T Wireless transmitters at ground level is calculated to be 0.053 mW/sq cm., which is 8.7 % of the FCC public exposure limit. The three dimensional perimeter of RF levels equal to the public exposure limit extends 69 feet and includes portions of the rooftop areas. If the public has access to the rooftop then barricades should be installed to prevent access to these areas. Warning signs must be posted at the antennas and roof access points in English, Spanish and Chinese. Workers should not have access to within 25 feet of the front of the antennas while they are in operation. Worker prohibited access areas should be marked with red striping on the rooftop 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 S

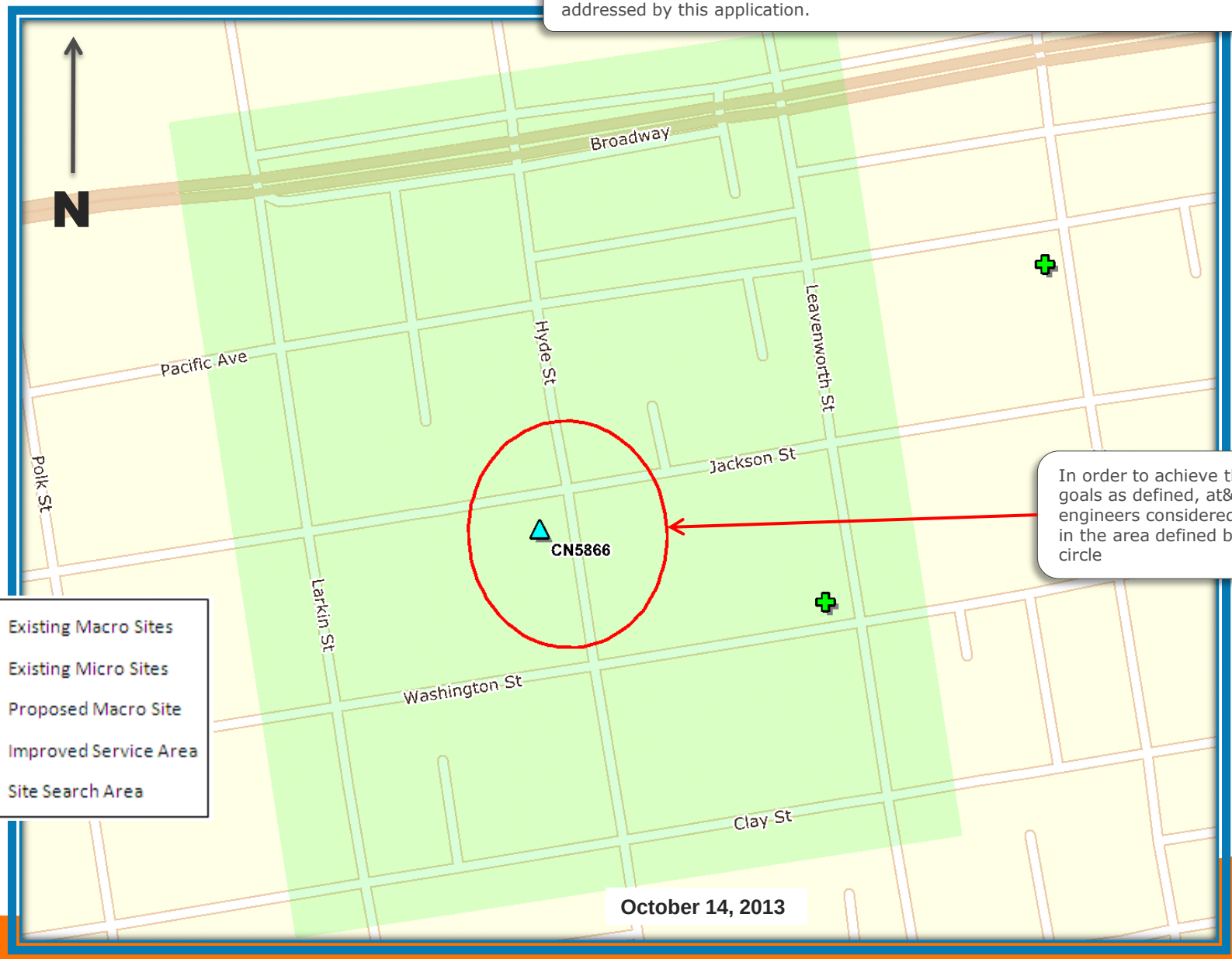
Signed:  Dated: 10/28/2013

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

Service Improvement Objective (CN5866)

1459 Hyde Street

The green shaded area shows the general area for wireless service improvements addressed by this application.



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

October 14, 2013

at&t

Exhibit 2 - Proposed Site at 1459 Hyde (CN5866)

Service Area BEFORE site is constructed

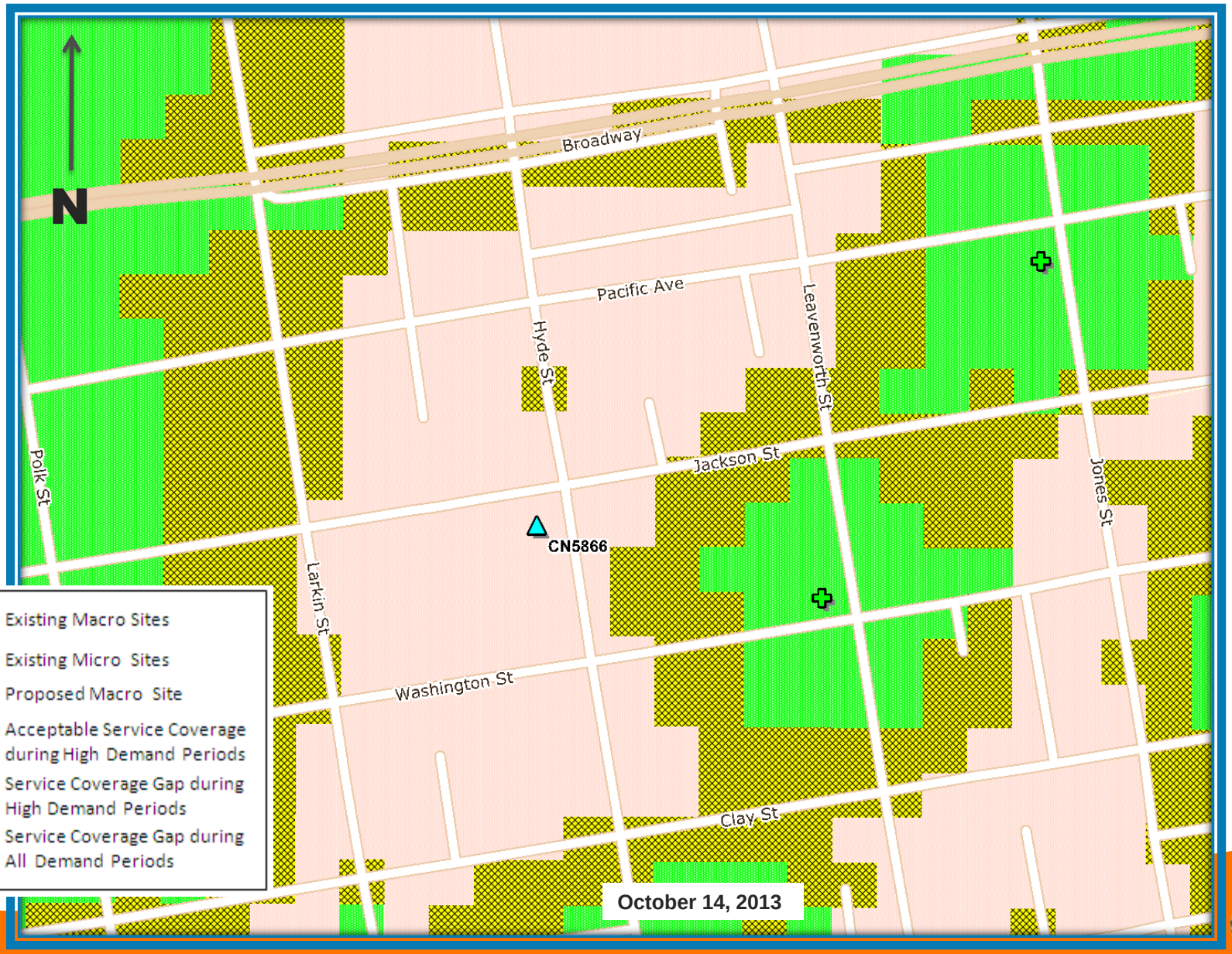
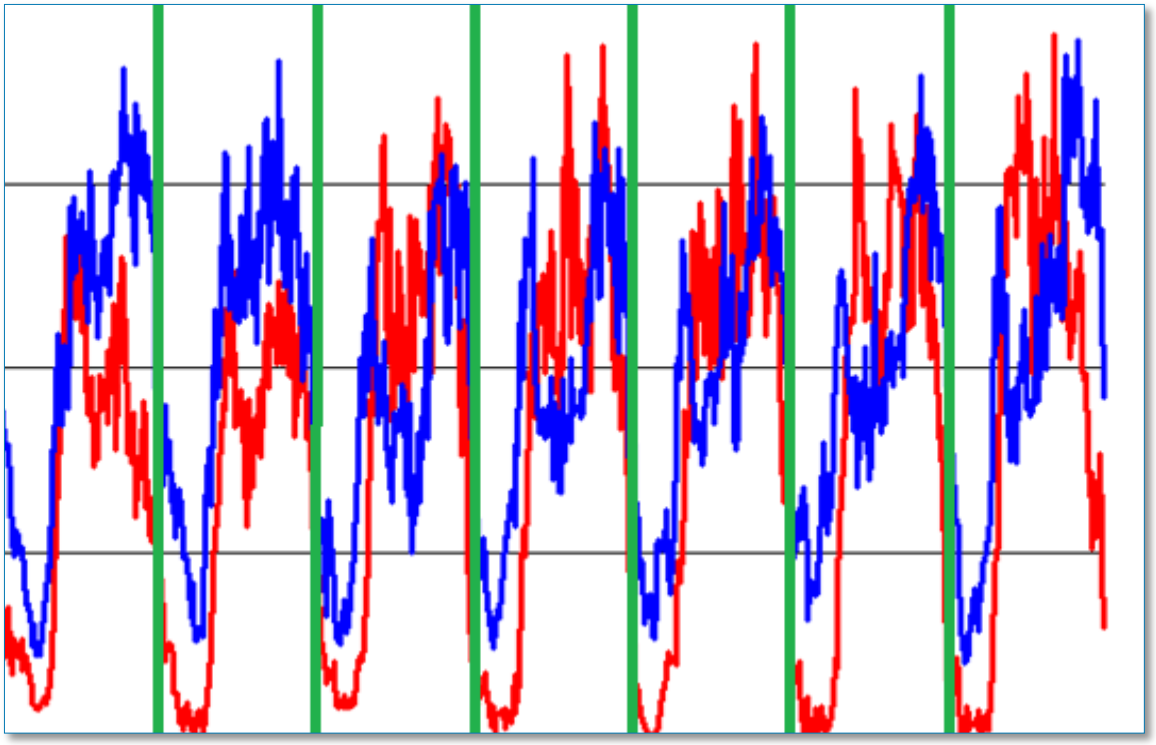


Exhibit 3 - Current 7-Day Traffic Profile for the Location of CN5866

Data Traffic

Voice Traffic



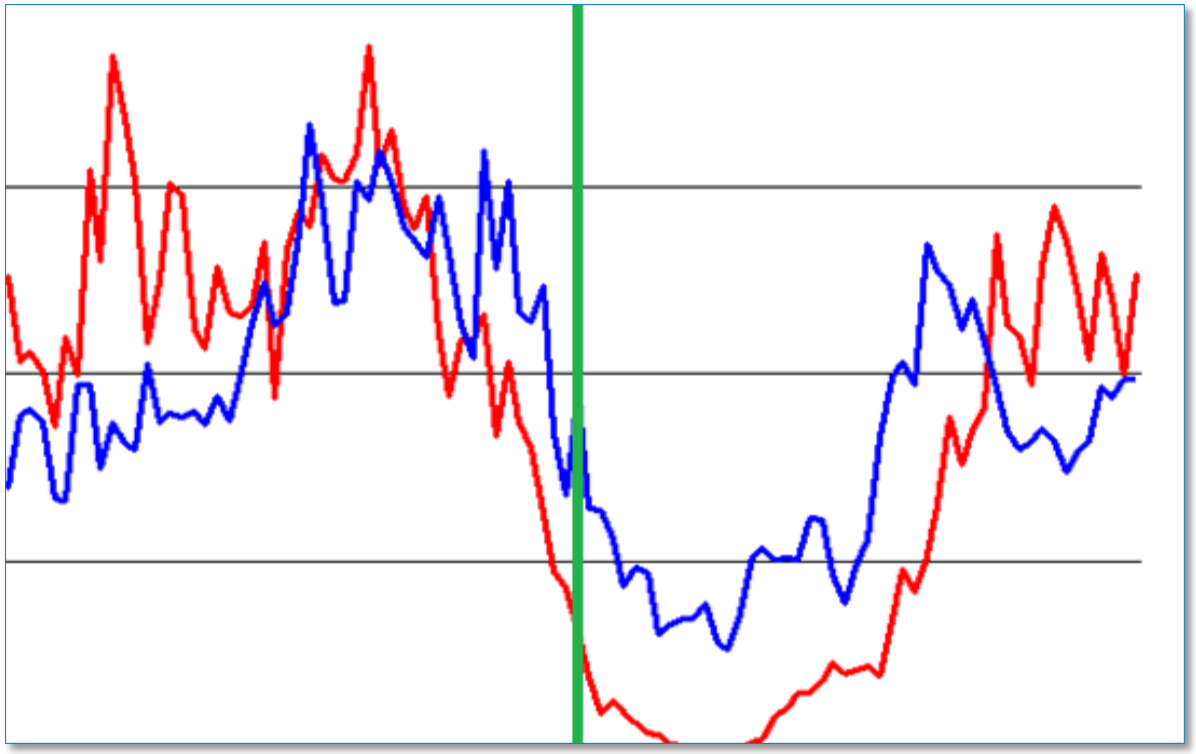
Saturday

Friday

Exhibit 3 – Current 24-Hour Traffic Profile for the Location of CN5866

Data Traffic

Voice Traffic



Noon

Midnight

Noon

Exhibit 4 - Proposed Site at 1459 Hyde (CN5866)

Service Area AFTER site is constructed

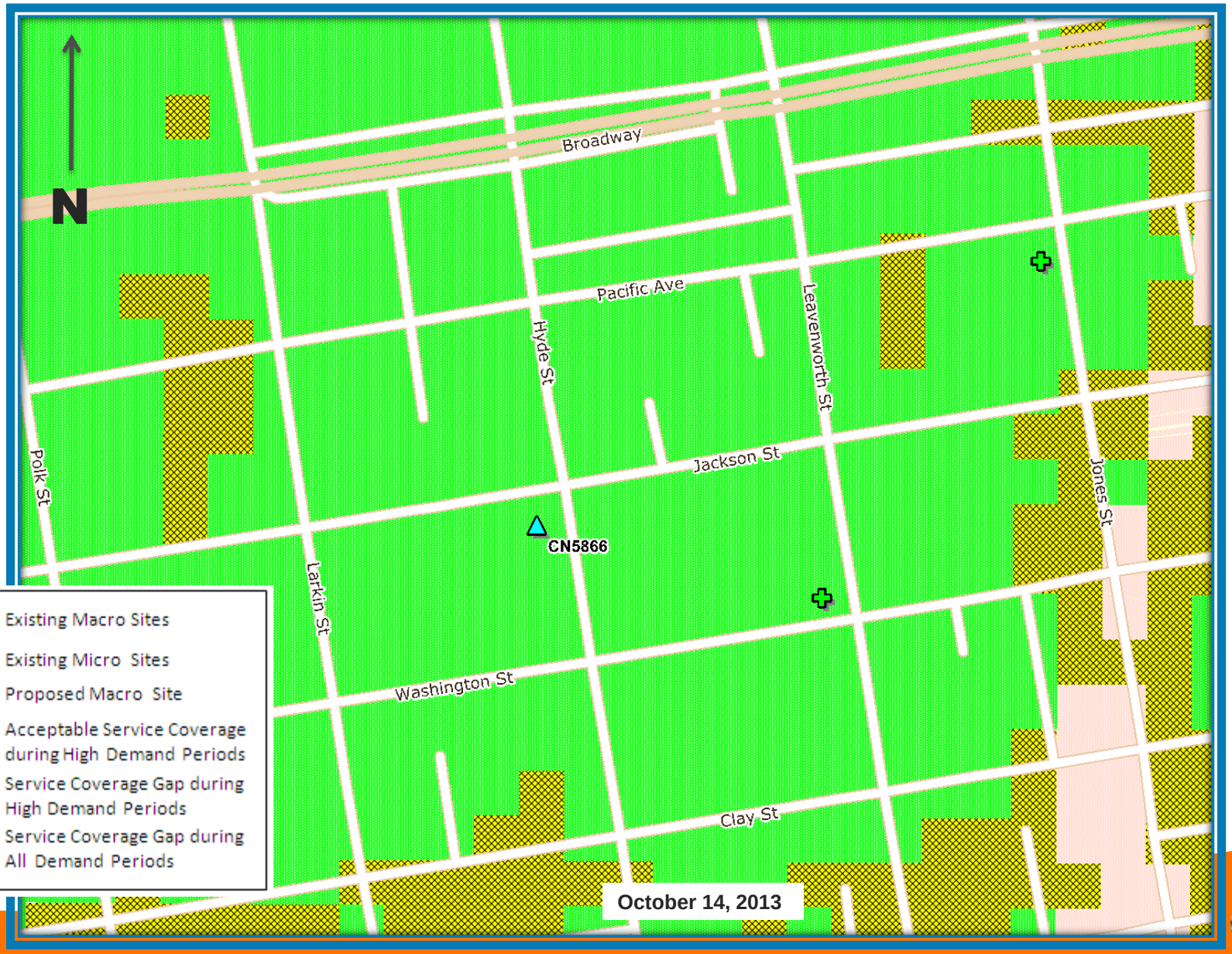


Exhibit 5 - Proposed Site at 1459 Hyde (CN5866)

4G LTE Service Area BEFORE site is constructed

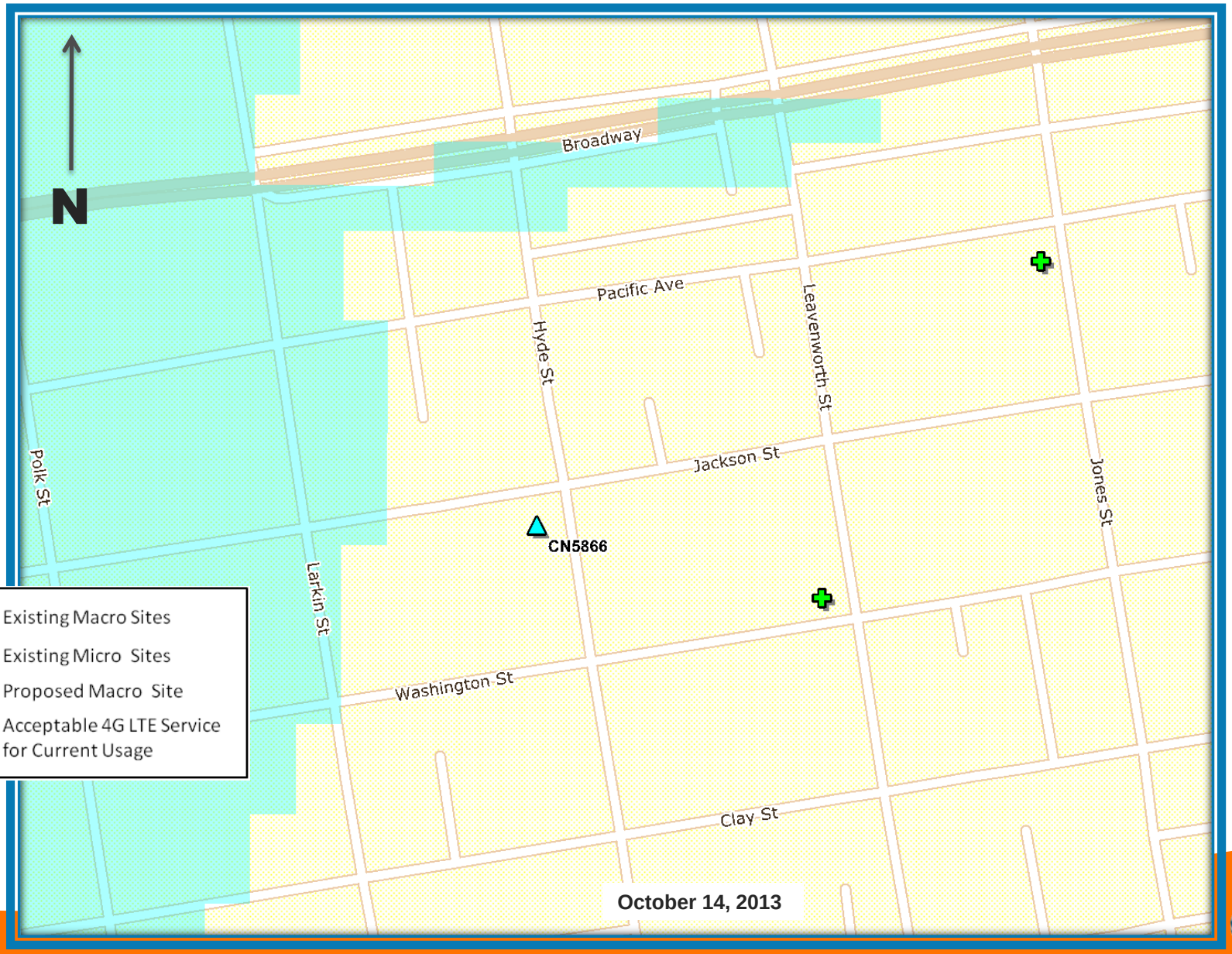
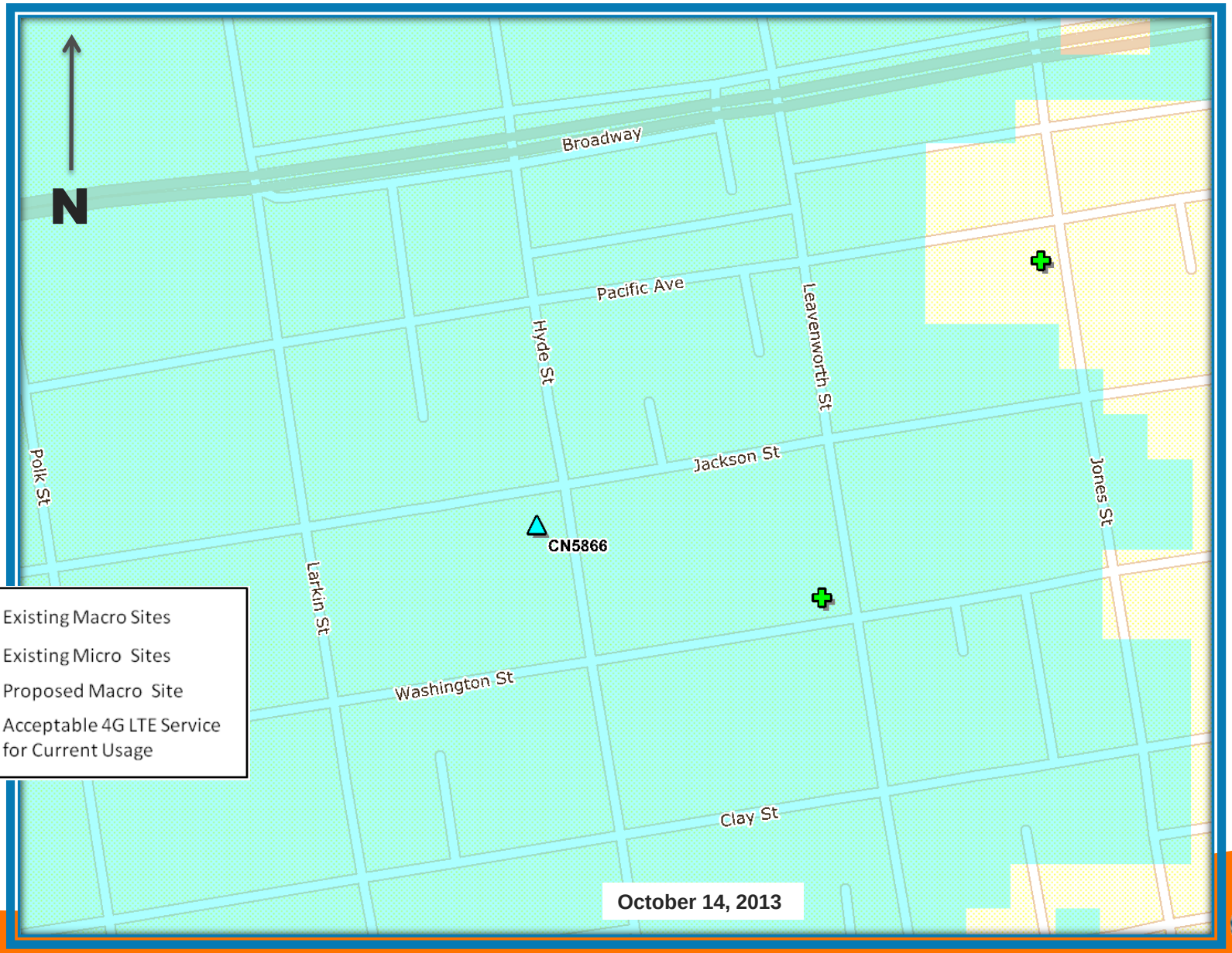


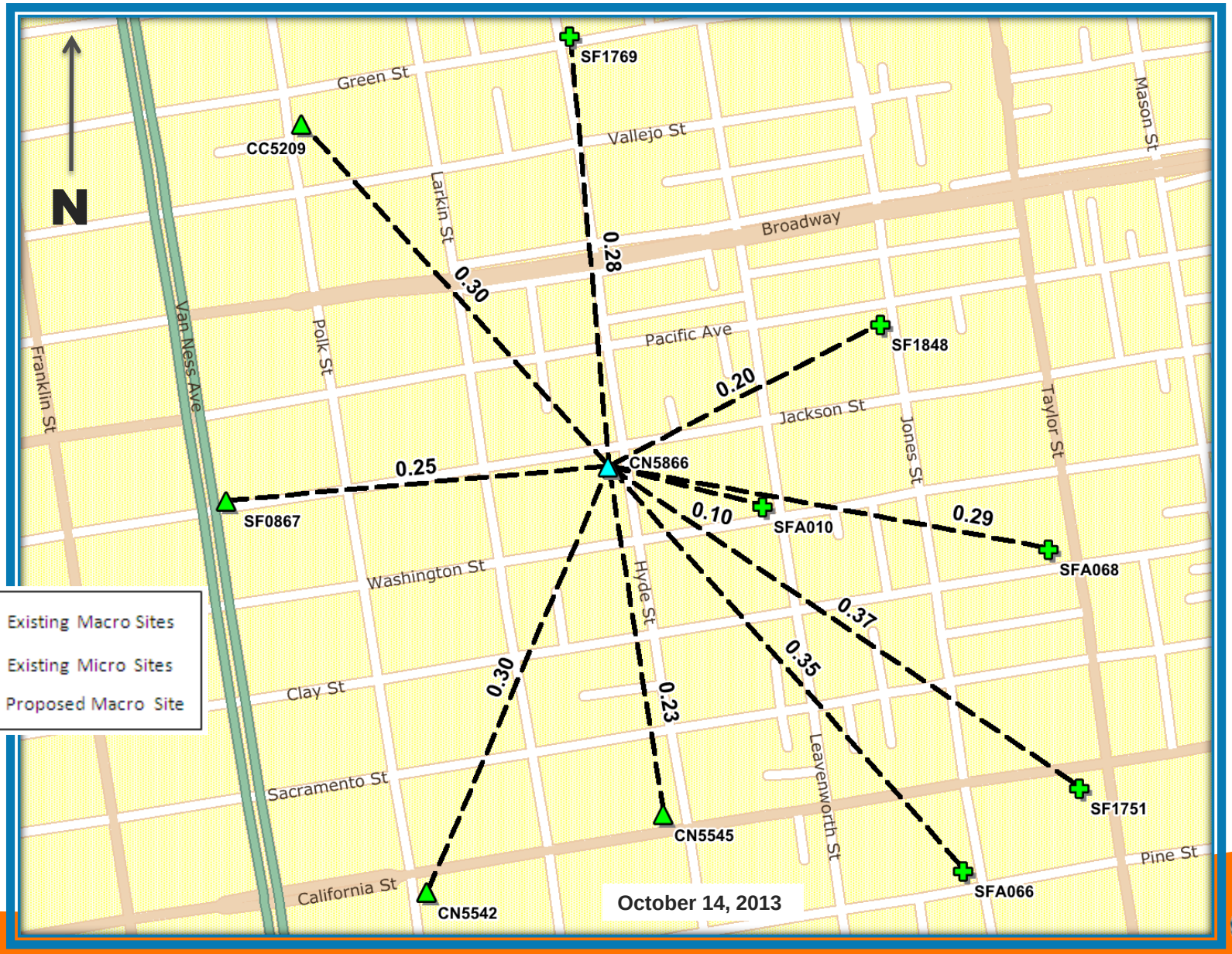
Exhibit 6 - Proposed Site at 1459 Hyde (CN5866)

4G LTE Service Area AFTER site is constructed



Existing Surrounding Sites at 1459 Hyde

CN5866



AT&T Mobility Conditional Use Permit Application
1459 Hyde Street, San Francisco

STATEMENT OF MICHAEL CANIGLIA

I manage AT&T's design with respect to the proposed wireless communications facility at 1459 Hyde Street, San Francisco (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 Broadway, Leavenworth, Clay and Larkin Streets.

The service coverage gap is caused by obsolete or inadequate (or, in the case of 4G LTE, non-existent) infrastructure along with increased use of wireless broadband services 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 3G outdoor signal strength in the area, 3G coverage indoors may be weak and the quality of 3G service overall is unacceptable, particularly during high usage periods of the day. Moreover, 4G LTE service coverage has not yet been deployed in this area.

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 satisfactory 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 causing the service coverage area for the cell to contract.

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 shading depicts areas within a Signal-to-Noise range in which a customer might have difficulty receiving a consistently acceptable level of service at any time, day or night, not just during high demand periods. The quality of service experienced by any individual customer can differ greatly depending on whether that customer is indoors, outdoors, stationary, or in transit. 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 traffic in the immediate area. As you can see from the exhibit, the traffic fluctuates at different times of the day. 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 in which the existing surrounding cell sites experience highest usage conditions (as depicted in the yellow shaded cross-hatched area in Exhibit 2) are significant. Based upon my review of the maps, the Signal-to-Noise information, and the actual voice and data traffic in this area, it is my opinion that the service coverage gap shown in Exhibit 2 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 3G service coverage gap.

In addition to these 3G wireless service gap issues, AT&T is in the process of deploying its 4G LTE service in San Francisco with the goal of providing the most advanced personal wireless experience available to residents of the City. 4G LTE is capable of delivering speeds up to 10 times faster than industry-average 3G speeds. LTE technology also offers lower latency, or the processing time it takes to move data through a network, such as how long it takes to start downloading a webpage or file once

you've sent the request. Lower latency helps to improve the quality of personal wireless services. What's more, LTE uses spectrum more efficiently than other technologies, creating more space to carry data traffic and services and to deliver a better overall network experience. This is particularly important in San Francisco because of the likely high penetration of the new 4G LTE iPad and other LTE devices.

Exhibit 5 is a map that depicts 4G LTE service in the area surrounding the Property, and it shows a significant 4G LTE service gap in the area. After the upgrades, Exhibit 6 shows that 4G LTE service is available both indoors and outdoors in the targeted service area. This is important in part because as existing customers migrate to 4G LTE, the LTE technology will provide the added benefit of reducing 3G data traffic, which currently contributes to the significant service coverage gap on the UMTS (3G) network during peak usage periods as shown in Exhibit 2.

In order to close the 4G LTE service coverage gap shown in Exhibit 5 and provide the benefits associated with 4G LTE personal wireless service, it is necessary to include 4G LTE-specific antennas to the proposed site. Exhibit 6 shows that the work subject to this application closes the gap.

I have a Master's degree in Business Administration, a Bachelor's degree in Electrical Engineering and an Associate's degree in Electronic Communication Technology. I have worked as an engineering expert in the Wireless Communications Industry for over 20 years.

Michael Caniglia

15 October 2013

EXHIBIT 1

Prepared by AT&T Mobility

AT&T's digital wireless technology converts voice or data signals into a stream of digits to allow a single radio channel to carry multiple simultaneous signal transmissions. This technology allows AT&T to offer services such as secured transmissions and enhanced voice, high-speed data, texting, video conferencing, paging and imaging capabilities, as well as voicemail, visual voicemail, call forwarding and call waiting that are unavailable in analog-based systems. With consumers' strong adoption of smartphones, customers now have access thousands of wireless broadband applications, which consumers utilize at a growing number.

AT&T customers are using these applications in a manner that has caused a ***30,000% increase in mobile data usage on AT&T's network since 2007.*** AT&T expects total mobile data volume to ***grow 8x-10x over the next five years***. To put this estimate in perspective, all of AT&T Mobility's mobile traffic during 2010 would be equal to only six or seven weeks of mobile traffic volume in 2015. The FCC stated that U.S. mobile data traffic grew almost 300% in 2011, and driven by 4G LTE smartphones and tablets, traffic is projected to grow an additional 16-fold by 2016.

Mobile devices using AT&T's technology transmit a radio signal to antennas mounted on a tower, pole, building, or other structure. The antenna feeds the signal to electronic devices housed in a small equipment cabinet, or base station. The base station is connected by microwave, fiber optic cable, or ordinary copper telephone wire to the Radio Network Controller, subsequently routing the calls and data throughout the world.

The operation of AT&T's wireless network depends upon a network of wireless communications facilities. The range between wireless facilities varies based on a number of factors including topographical challenges, blockage from buildings, trees, and other obstructions as well as the limited capacity of existing facilities.

To provide effective, reliable, and uninterrupted service to AT&T customers in their cars, public transportation, home, and office, without interruption or lack of access, coverage must overlap in a grid pattern resembling a honeycomb.

In the event that AT&T is unable to construct or upgrade a wireless communications facility within a specific geographic area, so that each site's coverage reliably overlaps with at least one adjacent facility, AT&T will not be able to provide consistent service quality to its customers within that area. Some consumers will experience an abrupt loss of service. Others will be unable to obtain reliable service, particularly during periods of high usage.

Consumers may also experience service coverage gaps in situations where coverage overlaps and AT&T's outdoor signal strength is strong. Even in these areas AT&T can experience significant service coverage gaps, especially in its 3G network due to high "noise" level and for vehicular traffic or indoors where more and more users are finding cellular service a necessity. The following paragraphs provide a simplified explanation of why these service coverage gaps exist even though signal strength may appear strong.

AT&T operates a 3G network within San Francisco. 3G means that the mobile telecommunications network can achieve specific benchmark data rates. In AT&T's 3G network, every mobile transmitter shares the same frequency with other mobile transmitters; likewise, every base transmitter shares the same frequency with other base transmitters. Under

normal circumstances, this means mobile transmitters would interfere with each other and base transmitters would interfere with other base transmitters. CDMA (code division multiple access) technology used in AT&T's 3G network, however, gives individual receivers the ability to distinguish each transmitter from every other transmitter. Put differently, CDMA is analogous to people speaking the same language being able to communicate and understand each other, but other languages are perceived as noise and rejected. This ability to discriminate based upon different "codes" breaks down, and where it breaks down it create gaps in service coverage, even when the network has been perfectly optimized and signal strength may otherwise appear strong. This problem generally occurs in the following three general scenarios:

Scenario 1: There is a gap in coverage when several transmitters can be received at roughly equal signal levels. This might occur when the receiver is equidistant from multiple transmitters and no one transmitter predominates; this is much more likely to occur, based upon geometry, when the receiver is relatively far from all of the transmitters.

Scenario 2: There is a gap in coverage when many users are utilizing the same cell site transmitter. In this scenario each user generates interference to every other user on the shared channel. In order to minimize this self-generated interference, the users that are furthest from the site are prevented from using the channel. In essence, the coverage from this particular cell shrinks as usage increases.

Scenario 3: No signals can reach the receiver at sufficient strength to be decoded. This is the classical signal coverage scenario that plagues all forms of communication and is generally what is indicated when your phone shows zero bars.

Service problems caused by any of the scenarios above can and do occur for customers even in locations where the coverage maps on AT&T's "Coverage Viewer" website appear to indicate that coverage is available. As the legend to the Coverage Viewer maps indicates, these maps depict an *approximation* of coverage; *actual* coverage in an area may differ substantially from map graphics, and may be affected by such things as terrain, foliage, buildings and other construction, motion, customer equipment, and network traffic.

It is also important to note that the signal losses and service problems described above can and do occur for customers even at times when certain other customers in the same vicinity may be able to initiate and complete calls on AT&T's network (or other networks) on their wireless phones. These problems also can and do occur even when certain customers' wireless phones indicate "all bars" of signal strength on the handset.

The bars of signal strength that individual customers can see on their wireless phones are an imprecise and slow-to-update estimate of service quality. In other words, a customer's wireless phone can show "four bars" of signal strength, but that customer can still, at times, be unable to initiate voice calls, complete calls, or download data reliably and without service interruptions. Scenarios 1 and 2 above cause this result.

The reason that raw outdoor signal strength numbers can be an inadequate measurement of wireless service quality (and thus not be reflective of actual "gaps" in wireless service quality) is that these measurements do not reflect the degradation in the quality of the signal as determined by the Signal-to-Noise ratio in the area at various times of day (during periods of greater usage, like in scenario 2 above). While signal strength is an important factor, so is noise, and the more noise that is present in a given vicinity at a particular time of day, the more likely

the connections will be unreliable. Signal-to-Noise is a key quality parameter used to determine where service gaps are likely to appear.

To determine where new or upgraded telecommunications facilities need to be located for the provision of reliable service in any area, AT&T's radio frequency engineers rely on far more complete tools and data sources than just signal strength from individual phones. AT&T creates maps incorporating signal and noise information that, in turn, depict existing service coverage and service coverage gaps in a given area.

The service coverage gap is caused in part by a high demand for voice and data service being requested in the coverage area, similar to scenario 2 above, and the insufficient resources to handle the requests; this may be defined as a capacity constraint. The high demand for services causes increased "noise" on each frequency, much like having more individuals all talking at the same time in a room causes more "noise" that makes it harder to hear. In the case of the room full of people analogy, picture a void being created as people crowd closer and closer to each other in order to be able to hear. This natural contraction of crowds of people results in open spaces in the room; if these spaces are partitioned off, then people will have new defined spaces within which they can hold conversations.

During peak usage times, this capacity constraint can degrade the quality of both voice and data services provided to customers in this area, and can reduce services in the pink and yellow shaded cross-hatched areas as shown on the attached map in Exhibit 2.

The restriction of the site's service coverage area occurs during high usage periods because, during those times, many users are utilizing the same existing cell site transmitter. In this scenario each user generates interference to every other user on the shared channel. In order

to minimize this self-generated interference, the users that are furthest from the existing site are prevented from using the channel. In essence, the coverage from this particular site shrinks as usage increases. As set forth in Exhibit 2, this has caused a significant service coverage gap in AT&T's network.

To rectify this significant gap in its service coverage, AT&T needs to locate a wireless facility in the immediate vicinity of the Property. To continue the analogy above, AT&T must utilize the voids or “gaps” that occur in the crowded room to create new spaces and redistribute the people in the room so that more people can carry on intelligible conversations.

A T & T M O B I L I T Y

ALTERNATIVE SITE ANALYSIS
CN5866

Site Address:

1459 Hyde Street
San Francisco, CA 94109

October 21, 2013

Target Area and Service Improvement Objective

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**: We investigated the target area and there were two (2) Preference 1 locations identified within the search area or nearby.

A. 1451 Jackson Street-Spring Valley Elementary School-APN 0186/007

This site is W of the primary candidate. Although a zoning designation of P, and as a School this site is a WTS Preference 1. It was ruled out as the 4 story building is down-slope from the target area of Hyde Street and rooftop signal from this location would be blocked by 3 story buildings along Hyde Street.

B. 1414 Hyde Street- Jehovah's Witness-APN 0187/016

This building is located SE of the preferred candidate on the E side of Hyde Street near the intersection of Hyde and Washington. It is zoned RM-3. It was ruled out as it is a two story building surrounded by 3 story buildings that would block signal from its rooftop.

2. **Co-Location Sites**: We investigated the target area and there are no co-location sites existing within the search area nor nearby.

3. Industrial or Commercial Structures: We investigated the target area and there were no Preference 3 locations identified within the search area nor nearby.

4. <u>Industrial or Commercial Structures</u>: We investigated the target area and there were no (4) Preference 4 locations identified within the search area nor nearby.

5. **<u>Mixed Use Buildings in High Density Districts</u>**: We investigated the area and there were no Preference 5 locations identified within the search area nor nearby.

6. **<u>Limited Preference Sites</u>**: We investigated the area and there were eleven (11) Preference 6 locations identified within the target area or nearby. Section 790.80 of the SF Zoning code relates to the Public Uses within the NCD district, including Wireless Transmission Facilities. Subsection 732.83 relates to the guidelines within the Pacific Ave. NCD whereby Wireless Telecommunications are relegated to the first stories of buildings within the district. As the district is comprised of 2-4 story buildings, any signal at the first story would be blocked by the surrounding taller buildings. As such, all Pacific Ave. NCD properties were ruled out as viable candidates.

C. 1501-1521 Hyde Street APN 0185/007

D. 1523-1527 Hyde Street APN 185/006

E. 1529-1533 Hyde Street APN 185/005

F. 1535-1551 Hyde Street APN 0185/004-003

G. 1540 Hyde Street APN 0184/025

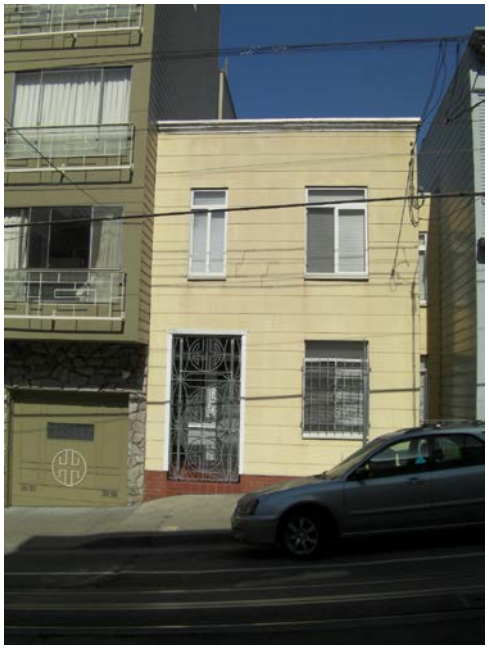
H. 1530 Hyde Street APN 0184/024

I. 1520-1524 Hyde Street APN 0184/023

J. 1516-1518 Hyde Street APN 0184/022

K. 1500-1508 Hyde Street+1398 Jackson Street APN 0184/021

L. 1390 Jackson Street APN 0184/035



M. 1376-1378 Jackson Street APN 0184/018

7. <u>Disfavored Sites:</u> We investigated the search area and there were twenty-two (22) Preference 7 locations identified within or near the search area.

N. 1375-1377 Jackson Street APN 0187/026

This 3 story all residential building is surrounded by 3-4 story buildings. In a Preference 7 area, AT&T seeks commercial or mixed use buildings over all residential buildings as preferred by the Planning Department. With taller buildings adjacent to this candidate to block signal and an all residential building, this candidate was not selected.

O. 1462-1466 Jackson Street APN 0187/025

This 3 story mixed use building is surrounded by 3-4 story building although its corner location allows signal propagation. In a Preference 7 area, AT&T seeks commercial or mixed use buildings over all residential buildings as preferred by the Planning Department. As such, this building is a potentially viable alternative candidate to the preferred candidate at 1459 Hyde Street.

P. 1456-1460 Hyde Street APN 0187/024

This 2 1/2 story all residential building is surrounded by 3 story buildings and full trees. In a Preference 7 area, AT&T seeks commercial or mixed use buildings over all residential buildings as preferred by the Planning Department. With same height or taller buildings near this candidate to block signal and an all residential building, this candidate was not selected.

Q. 1450-1454 Hyde Street APN 0187/023

This 2 1/2 story all residential building is surrounded by 3 story buildings and full trees. In a Preference 7 area, AT&T seeks commercial or mixed use buildings over all residential buildings as preferred by the Planning Department. With same height or taller buildings near this candidate to block signal and an all residential building, this candidate was not selected.

R. 1446-1448 Hyde Street APN 0187/022

This 2 1/2 story all residential building is surrounded by 3 story buildings and full trees. In a Preference 7 area, AT&T seeks commercial or mixed use buildings over all residential buildings as preferred by the Planning Department. With same height or taller

buildings near this candidate to block signal and an all residential building, this candidate was not selected.

S. 1438-1442 Hyde Street APN 0187/021

This 4 story all residential building is surrounded by 3 story buildings and full trees. In a Preference 7 area, AT&T seeks commercial or mixed use buildings over all residential buildings as preferred by the Planning Department. Although taller than surrounding residential buildings, as an all residential building, this candidate was not selected.

T. 1432-1434 Hyde Street APN 0187/020

This 3 1/2 story all residential building is surrounded by 3-4 story buildings and full trees. In a Preference 7 area, AT&T seeks commercial or mixed use buildings over all residential buildings as preferred by the Planning Department. With same height or taller buildings near this candidate to block signal and an all residential building, this candidate was not selected.

U. 1428-1430 Hyde Street APN 0187/019

This 2 1/2 story all residential building is surrounded by 3-4 story buildings and full trees. In a Preference 7 area, AT&T seeks commercial or mixed use buildings over all residential buildings as preferred by the Planning Department. With same height or taller buildings near this candidate to block signal and an all residential building, this candidate was not selected.

V. 1420-1422 Hyde Street APN 0187/018

This 3 1/2 story all residential building is surrounded by 2-3 story buildings and full trees. In a Preference 7 area, AT&T seeks commercial or mixed use buildings over all residential buildings as preferred by the Planning Department. Although taller than adjacent buildings to allow signal propagation, as an all residential building, this candidate was not selected.

W. 1421 Hyde Street APN 0186/006

This 3 story all residential building is surrounded by 3-4 story buildings and full trees. In a Preference 7 area, AT&T seeks commercial or mixed use buildings over all residential buildings as preferred by the Planning Department. With same height or taller buildings near this candidate to block signal and an all residential building, this candidate was not selected.

X. 1429 Hyde Street APN 0186/006B

This 4 story all residential building is surrounded by 3-4 story buildings and full trees. In a Preference 7 area, AT&T seeks commercial or mixed use buildings over all residential buildings as preferred by the Planning Department. Although taller than adjacent

buildings to allow signal propagation, as an all residential building, this candidate was not selected.

Y. 1435-1439 Hyde Street APN 0186/004A

This 3 story all residential building is surrounded by 3-4 story buildings and full trees. In a Preference 7 area, AT&T seeks commercial or mixed use buildings over all residential buildings as preferred by the Planning Department. With same height or taller buildings near this candidate to block signal and an all residential building, this candidate was not selected.

Z. 1441-1445 Hyde Street APN 0186/004

This 3 1/2 story all residential building is surrounded by 2-3 story buildings and full trees. In a Preference 7 area, AT&T seeks commercial or mixed use buildings over all residential buildings as preferred by the Planning Department. Although slightly taller than adjacent buildings to allow signal propagation, as an all residential building, this candidate was not selected.

AA. 1449 Hyde Street APN 0186/003

This 3 1/2 story all residential building is surrounded by 2-3 story buildings and full trees. In a Preference 7 area, AT&T seeks commercial or mixed use buildings over all residential buildings as preferred by the Planning Department. Although slightly taller than adjacent buildings to allow signal propagation, as an all residential building, this candidate was not selected.

BB. 1453-1457 Hyde Street APN 0186/002

This 3 story all residential building is surrounded by 3-4 story buildings and full trees. In a Preference 7 area, AT&T seeks commercial or mixed use buildings over all residential buildings as preferred by the Planning Department. With same height or taller buildings near this candidate to block signal and an all residential building, this candidate was not selected.

CC. 1459-1469 Hyde Street + 1403-1419 Jackson Street APN 0186/001

Primary Candidate. This 3 1/2 story mixed use building is surrounded by 3-4 story building although its corner location allows signal propagation. In a Preference 7 area, AT&T seeks commercial or mixed use buildings over all residential buildings as preferred by the Planning Department. As such, and with adequate basement space for equipment and a willing landlord, this was chosen as the primary candidate.

DD. 1425-1427 Jackson Street APN 0186/024

This 3 story all residential building is surrounded by 3-4 story buildings. It is also downslope of Hyde Street, a critical coverage area for this proposed site, where signal propagation will be further limited by terrain. In a Preference 7 area, AT&T seeks commercial or mixed use buildings over all residential buildings as preferred by the Planning Department. With same height or taller buildings near this candidate to block signal, low terrain, and an all residential building, this candidate was not selected.

EE. 1423-1431 Jackson Street APN 0186/023

This 2 story all residential building is surrounded by 3-4 story buildings. It is also downslope of Hyde Street, a critical coverage area for this proposed site, where signal propagation will be further limited by terrain. In a Preference 7 area, AT&T seeks commercial or mixed use buildings over all residential buildings as preferred by the Planning Department. With taller buildings near this candidate to block signal, low terrain, and an all residential building, this candidate was not selected.

FF. 1434 Jackson Street APN 0185/011

This 3 1/2 story all residential building is surrounded by 3-4 story buildings. It is also downslope of Hyde Street, a critical coverage area for this proposed site, where signal propagation will be further limited by terrain. In a Preference 7 area, AT&T seeks commercial or mixed use buildings over all residential buildings as preferred by the Planning Department. With same height or taller buildings near this candidate to block signal, low terrain, and an all residential building, this candidate was not selected.

GG. 1422-1430 Jackson Street APN 0185/010

This 3 ½ story all residential building is surrounded by 3-4 story buildings. It is also downslope of Hyde Street, a critical coverage area for this proposed site, where signal propagation will be further limited by terrain. In a Preference 7 area, AT&T seeks commercial or mixed use buildings over all residential buildings as preferred by the Planning Department. With same height or taller buildings near this candidate to block signal, low terrain, and an all residential building, this candidate was not selected.

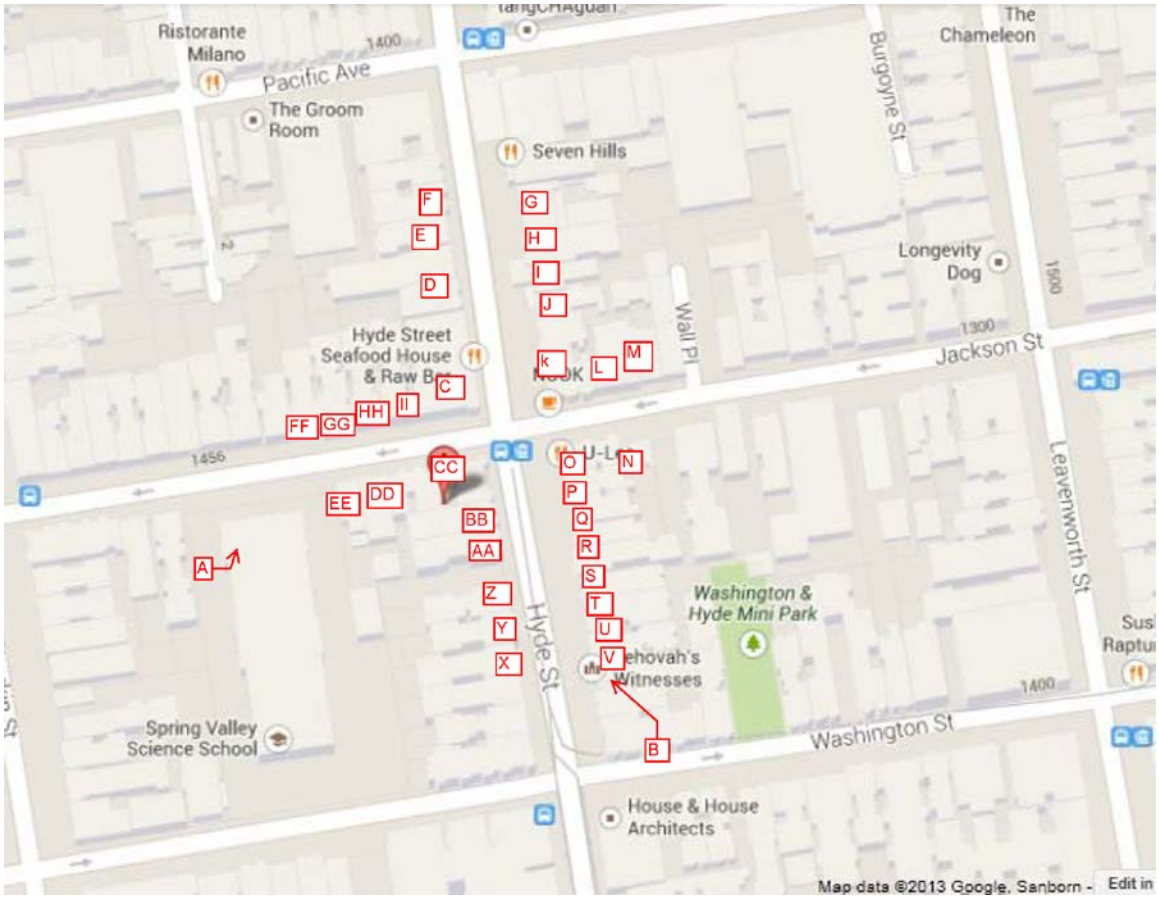
HH. 1420 Jackson Street APN 0185/009

This 3 ½ story all residential building is surrounded by 3-4 story buildings. It is also downslope of Hyde Street, a critical coverage area for this proposed site, where signal propagation will be further limited by terrain. In a Preference 7 area, AT&T seeks commercial or mixed use buildings over all residential buildings as preferred by the Planning Department. With same height or taller buildings near this candidate to block signal, low terrain, and an all residential building, this candidate was not selected.

II. 1412-1418 Jackson Street APN 0185/044-047

This 3 ½ story all residential building is surrounded by 3-4 story buildings. It is also downslope of Hyde Street, a critical coverage area for this proposed site, where signal propagation will be further limited by terrain. In a Preference 7 area, AT&T seeks commercial or mixed use buildings over all residential buildings as preferred by the Planning Department. With same height or taller buildings near this candidate to block signal, low terrain, and an all residential building, this candidate was not selected.

Location Map of Alternative Sites



Alternative Site Locations Summary

	Location	Block / Lot	Zoning District	Building Type	WTS Siting Preference
A	1451 Jackson St	0186/007	P	School	1
B	1414 Hyde St.	0187/016	RM-3	Church	1
C	1501-1521 Hyde	0185/007	Pacific NCD	Mixed Use	6
D	1523-1527 Hyde	0185/006	Pacific NCD	Mixed Use	6

E	1529-1533 Hyde	0185/005	Pacific NCD	Mixed Use	6
F	1535-1551 Hyde	0185/004-003	Pacific NCD	Residential	6
G	1540 Hyde	0184/025	Pacific NCD	Residential	6
H	1530 Hyde	0184/024	Pacific NCD	Residential	6
I	1520-1524 Hyde	0184/023	Pacific NCD	Residential	6
J	1516-1518 Hyde	0184/022	Pacific NCD	Residential	6
K	1500-1508 Hyde + 1398 Jackson	0184/021	Pacific NCD	Mixed Use	6
L	1390 Jackson	0184/035	Pacific NCD	Residential	6
M	1376-1378 Jackson	0184/018	Pacific NCD	Residential	6
N	1375-1377 Jackson	0187/026	RM-3	Residential	7
O	1462-1466 Jackson	0187/025	RM-3	Mixed Use	7
P	1456-1460 Hyde	0187/024	RM-3	Residential	7
Q	1450-1454 Hyde	0187/023	RM-3	Residential	7
R	1446-1448 Hyde	0187/022	RM-3	Residential	7
S	1438-1442 Hyde	0187/021	RM-3	Residential	7
T	1432-1434 Hyde	0187/020	RM-3	Residential	7
U	1428-1430 Hyde	0187/019	RM-3	Residential	7

V	1420-1422 Hyde	0187/018	RM-3	Residential	7
W	1421 Hyde	0186/006	RM-3	Residential	7
X	1429 Hyde	0186/006B	RM-3	Residential	7
Y	1435-1439 Hyde	0186/004A	RM-3	Residential	7
Z	1441-1445 Hyde	0186/004	RM-3	Residential	7
AA	1449 Hyde	0186/003	RM-3	Residential	7
BB	1453-1457 Hyde	0186/002	RM-3	Residential	7
CC	1459-1469 Hyde	0186/001	RM-3	Mixed Use	7
DD	1425-1427 Jackson	0186/024	RM-3	Residential	7
EE	1423-1431 Jackson	0186/023	RM-3	Residential	7
FF	1434 Jackson	0185/011	RM-1	Residential	7
GG	1422-1430 Jackson	0185/010	RM-1	Residential	7
HH	1420 Jackson	0185/009	RM-1	Residential	7
II	1412-1418 Jackson	0185/044-047	RM-1	Residential	7

AT&T CN5866_1459 Hyde Street_2013.1587C_ Community Meeting Notes:

On June 25, 2014 Julian Chang with AT&T External Affairs, Raj Mathur with Hammett & Edison, Evan Shepherd Reiff and Kristy Andres with Ericsson, Stan Sarkisov with BergDavis Public Affairs and nine members of the community attended a meeting for CN5866—1459 Hyde Street. Present also was a Cantonese-speaking interpreter, Marilyn Luong, from American Language Services.

The meeting began with Julian Chang introducing the team, explaining the purpose of the community meeting, and AT&T's proposed plans for wireless upgrades at the site. Julian Chang highlighted the need for coverage, the federal preemption of state/city law, and the growing demand on phone technology. Evan Shepherd Reiff then went on to further explain the need for coverage, the site acquisition process, the notice process and told the community members that ultimately a public hearing would take place. He then explained San Francisco's aesthetic standards and showed the community members photo simulations of the proposed antennas. **He solicited questions about design, and no questions were presented.**

Next, Raj Mathur presented on the FCC standard and RF emissions. Health questions from the audience helped guide the presentation:

- What is the frequency strength of RF emission?
- What is the total capacity of power at the proposed site, and how does it compare to a microcell site residents may put in their own home?
- At what rate does RF frequency diminish as distance from the site increases?
- How do obstructions, such as trees and buildings, impact the frequency waves?
- What are the monitoring measures in place once the proposed sites are installed?
- Does the site produce harmful carcinogens and adversely impact biological health?
- Are the FCC standards obsolete and do they need revisions/updates?

Raj Mathur answered these questions, and had a detailed conversation about RF rates/frequencies with the community members. The presentation ended with several people asking for business cards.

Other non-health related questions at the community meeting included:

- Were alternative locations considered?
- Is there really a need for upgrades and where is there existing equipment?
- Was Spring Valley Elementary notified and do parents know about this proposed site?

Action Items:
One community member, Al Lui, requested a physical copy of Hammett & Edison's compliance report be sent to him via USPS. Ericsson/H&E will be mailing him a copy.

Attached is the sign in sheet; please note that three people did not want to sign in.

1459 HYDE STREET WIRELESS MEETING

June 25, 2014

(at the Old First Presbyterian Church)

NAME	ADDRESS	PHONE	EMAIL
[illegible]	1449 HYDEST	415 928-1670	
Grant Davis	1455 Filbert St.	415-287-9136	
AT Lisi	1555 Hyde ST	415 696-4030	
Ken Tam	1524 Hyde St	415-608-1829	
Janet Gordon	1415 Leavenworth #6	415-928-6161	
M Flanigan	1501 Leavenworth #12	415-871-8712	

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

To: Neighborhood Groups, Neighbors & Owners within 500' radius of 1459 Hyde Street (Including 1461, 1463, 1465, and 1469 Hyde Street & 1403, 1415, 1417, and 1419 Jackson Street) at the corner of Hyde and Jackson

Meeting Information
Date: June 25, 2014
Time: 6:00 p.m.
Where: Old First Presbyterian Church
1751 Sacramento Street
San Francisco, CA 94109

Site Information
Address: 1459 Hyde Street
Block/Lot 0186/001
Zoning: RM-3

Applicant
AT&T Mobility

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

AT&T Mobility is proposing to locate a new wireless communication facility at 1459 Hyde Street, needed by AT&T Mobility as part of its San Francisco wireless network. The proposed AT&T Mobility site is an unmanned facility consisting installing eleven (11) rooftop panel antennas; eight (8) within faux chimneys and three (3) within faux vents. The equipment will be located in the basement of the building, not visible from public right-of-way. Plans and photo simulations will be available for your review at the meeting. You are invited to attend an informational community meeting located at the Old First Presbyterian Church (Sacramento between Van Ness and Polk), 1751 Sacramento Street on June 25, 2014 at 6:00 p.m. to learn more about the project.

If you have any questions regarding the proposal and are unable to attend the meeting, please contact the AT&T Mobility Hotline at (415) 646-0972 and an AT&T Mobility specialist will return your call. Please contact Omar Masry, project planner with the San Francisco Department of City Planning at (415) 415-575-9116 or omar.masry@sfgov.org 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 5:00pm on Fri June 20, 2014 and we will make every effort to provide you with an interpreter.

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

Para: Vecinos, propietarios y grupos del vecindario dentro de un radio de 500' de 1459 Hyde Street (Incluyendo 1461, 1463, 1465 y 1469 Hyde Street y 1403, 1415, 1417 y 1419 Jackson Street) en la esquina de Hyde y Jackson

Información de la reunión
Fecha: 25 de junio de 2014
Hora: 6:00 p.m.
Dónde: Old First Presbyterian Church
1751 Sacramento Street
San Francisco, CA 94109

Información del lugar
Dirección: 1459 Hyde Street
Cuadra/Lote 0186/001
Zonificación: RM-3

Solicitante
AT&T Mobility

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

AT&T Mobility propone colocar una nueva instalación de comunicaciones inalámbricas en 1459 Hyde Street necesaria para AT&T Mobility como parte de su red inalámbrica en San Francisco. La propuesta de AT&T Mobility es una instalación sin personal que consta de una instalación de once (11) antenas panel ubicadas en el techo; ocho (8) detrás de chimeneas falsas y tres (3) detrás de ventilaciones falsas. El equipo será colocado en el sótano del edificio, no visible desde el derecho de paso público. Habrá planos y fotos disponibles para que usted los revise en la reunión. Se lo invita a asistir a una reunión informativa de la comunidad que se realizará en Old First Presbyterian Church, (Sacramento entre Van Ness y Polk), 1751 Sacramento Street el 25 de junio de 2014 a las 6:00 p.m. para tener más información sobre el proyecto.

Si tiene preguntas relacionadas con la propuesta y no puede asistir a la reunión, por favor llame a la Línea Directa de AT&T Mobility, (415) 646-0972, y un especialista de AT&T Mobility le devolverá el llamado. Por favor, contacte a Omar Masry, planificador de proyecto, en el Departamento de Planificación de la Ciudad de San Francisco al (415) 415-575-9116 o en omar.masry@sfgov.org si tiene alguna pregunta relacionada con el proceso de planificación.

NOTA: Si necesita que un intérprete esté presente en la reunión, por favor, contáctese a nuestra oficina al (415) 646-0972 antes del viernes 20 de junio de 2014 a 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：Hyde 街和 Jackson 街交口的 Hyde 街 1459 號(1098 Jackson Street) 周圍五百英尺內的居民組織、居民和業主（包括 Hyde 街 1461、1463、1465 和 1469 號和 Jackson 街 1403、1415、1417 和 1419 號）

會議資訊
日期： **2014 年** 6 月 25 日
時間： 下午 6:00
地點： Old First Presbyterian Church
1751 Sacramento Street
San Francisco, CA 94109

設施地點資訊
地址： Hyde 街 1459 號
街區/地塊 0186/001
分區：RM-3

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 **Hyde 街 1459 號**（也稱作 Taylor 街 1410 號和 1414 號）安裝一座無線通訊設施，作為 AT&T Mobility 公司在三藩市無線網路的一部分。計畫中的場地為無人操作設施，需要在現有混用建築物的屋頂安裝十一(11) 根屋頂平板天線。其中，八（8）根安裝在假煙囪裏面，三（3）根安裝在假通風口裏面。相關設備將安放在建築物的地下室裡，從公眾通路上看不到它們。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 2014 年 6 月 25 日下午 6 點在 Old First Presbyterian Church (Sacramento between Van Ness and Polk), 1751 Sacramento Street 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。如果您對規劃流程有任何疑問，請撥打電話 (415)575-9116 聯系三藩市規划厅的 Omar Masry，電子郵件是 omar.masry@sfgov.org。

注意：如果您需要一名翻譯陪同您出席會議，請在不晚於 2014 年 6 月 20 日（星期五）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。

at&t

1198 Pacific Avenue
Community Meeting
September 11, 2012

Name	Address	Phone/Email
LINDA GRECO	1182/1184 Pacific Ave	(415) 441-8906
Anna Li	9 Phoenix Ter.	415-990-3186
Jennifer Mc.	1144 Pacific Avenue	415 775-1151
Hanmin Liu	1146 Pacific Ave	415 775-6670

HAMMETT & EDISON, INC.
CONSULTING ENGINEERS
BROADCAST & WIRELESS

WILLIAM F. HAMMETT, P.E.
DANE E. ERICKSEN, P.E.
STANLEY SALEK, P.E.
ROBERT P. SMITH, JR.
RAJAT MATHUR, P.E.
ANDREA L. BRIGHT, P.E.
KENT A. SWISHER
NEIL J. OLIJ

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

BY E-MAIL SARAH.STARR@ERICSSON.COM

October 23, 2013

Ms. Sarah Starr
Site Development Manager II-Leasing Manager
Ericsson, Inc.
430 Bush Street
San Francisco, California 94108

Dear Sarah:

As you 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 1459 Hyde Street (Site No. CN5866). 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 adequately represent the carrier's present and post-installation coverage.

AT&T proposes to install eleven directional panel antennas – three Andrew Model SBNHH-1D65A antennas oriented toward 40°T and eight Andrew Model SBNH-1D4545A-VTM antennas oriented in groups of four toward 110°T and 270°T – within seven enclosures, configured to resemble vents and chimneys, above the roof of the three-story residential building located at 1459 Hyde Street. The antennas would be mounted with up to 10° downtilt at an effective height of about 39½ feet above ground, 4½ feet above the roof. The maximum effective radiated power proposed by AT&T in any direction is 10,630 watts, representing simultaneous operation at 2,890 watts for WCS, 5,560 watts for PCS, 1,000 watts for cellular, and 1,180 watts for 700 MHz service.

AT&T provided for review two pairs of coverage maps, dated October 14, 2013, attached for reference. The maps show AT&T's cellular UMTS (850 MHz) and 4G LTE (700 MHz) coverage in the area both before and after the site is operational. 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

The 4G LTE maps do not differentiate between demand periods; rather they indicate, with the color blue, locations where 4G service is and would be acceptable.

e-mail: **bhammett@h-e.com** **M4JE**
Delivery: **470 Third Street West • Sonoma, California 95476**
Telephone: **707/996-5200 San Francisco • 707/996-5280 Facsimile • 202/396-5200 D.C.**

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.

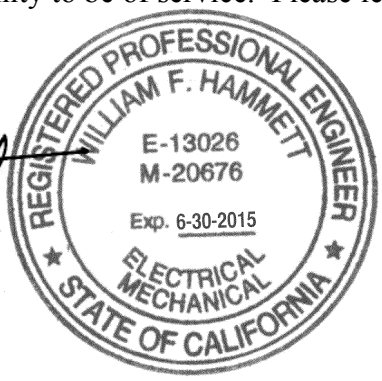
As a second step, we conducted our own drive test to measure the actual AT&T UMTS and 4G LTE signal strength in the vicinity of the proposed site. Our fieldwork was conducted on October 18 and 19, 2013, between 10:00 AM and 1:00 PM.

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 UMTS and the 4G LTE AT&T coverage maps showing the service area without the proposed installation represent areas of deficiency in the carrier's present coverage. The maps submitted to show the after coverage with the proposed new base station in operation were prepared on the same basis as the maps of existing conditions and so are expected to 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.

lc

Enclosures

cc: Mr. Michael J. Caniglia (w/encl) - BY E-MAIL MC0763@ATT.COM
Theadora K. Vriheas, Esq. (w/encl) - BY E-MAIL TV8342@ATT.COM
Mr. Evan Shepherd Reiff (w/encl) - BY E-MAIL EVAN.SHEPHERD.REIFF@ERICSSON.COM

Exhibit 2 - Proposed Site at 1459 Hyde (CN5866)

Service Area BEFORE site is constructed

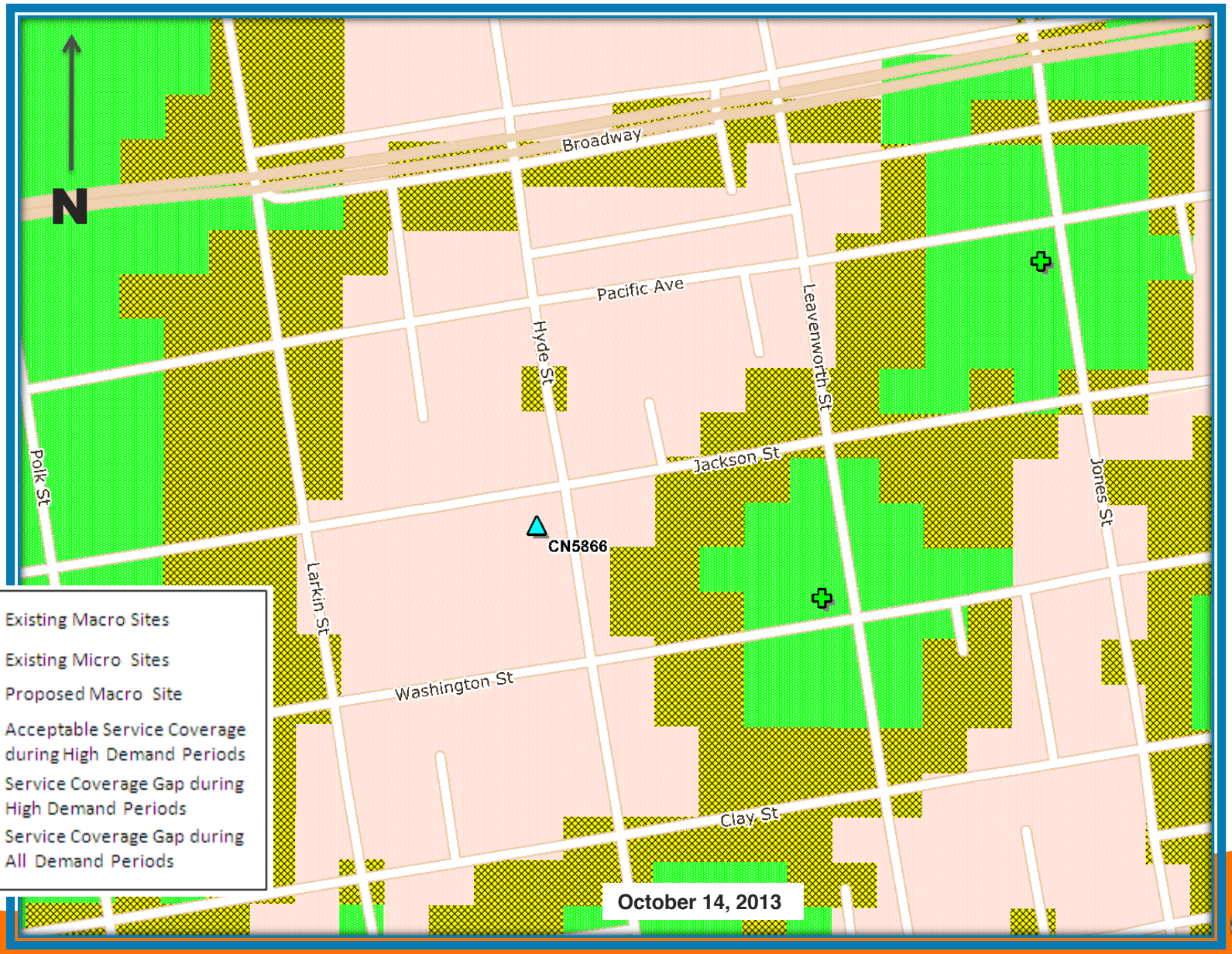


Exhibit 4 - Proposed Site at 1459 Hyde (CN5866)

Service Area AFTER site is constructed

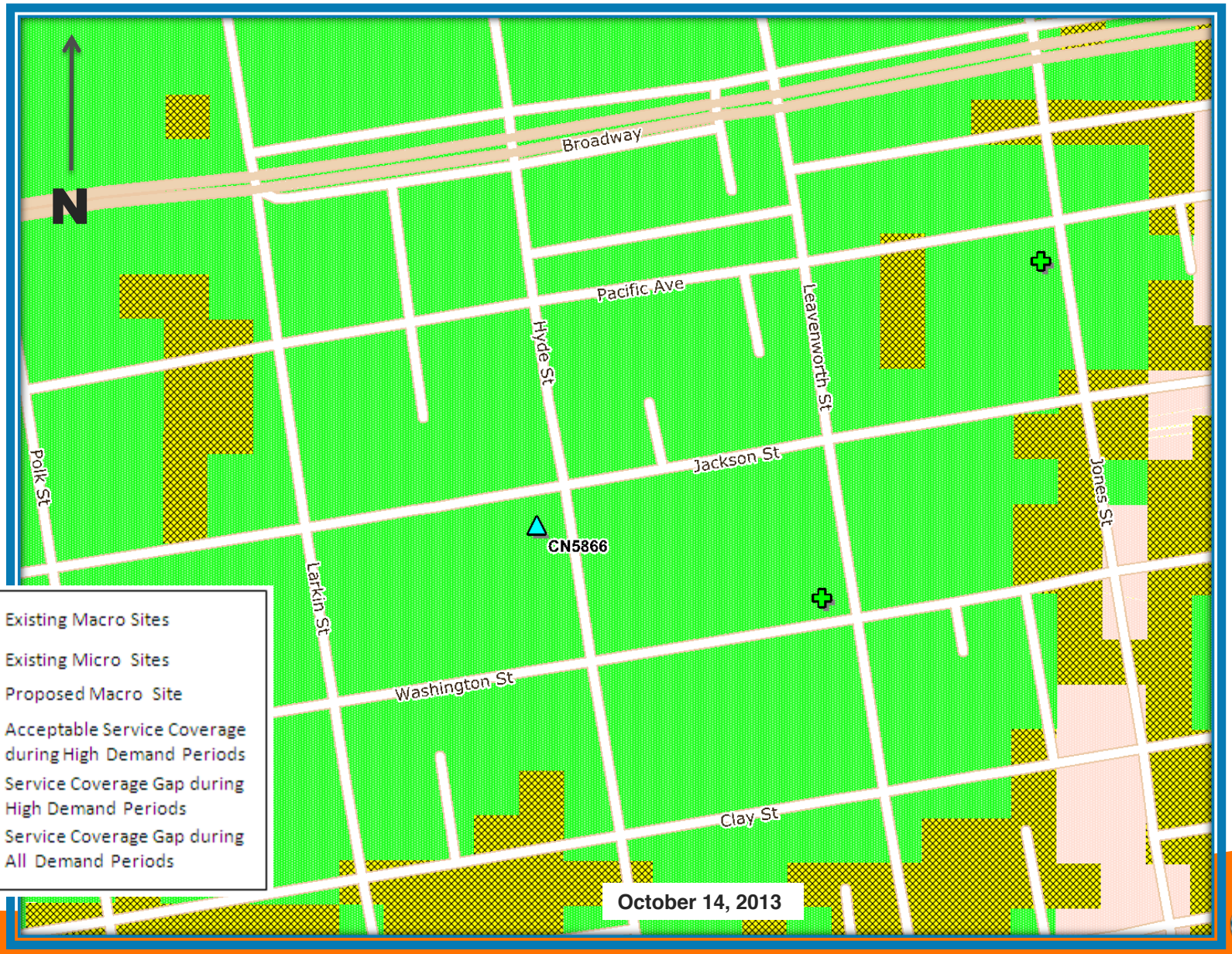


Exhibit 5 - Proposed Site at 1459 Hyde (CN5866)

4G LTE Service Area BEFORE site is constructed

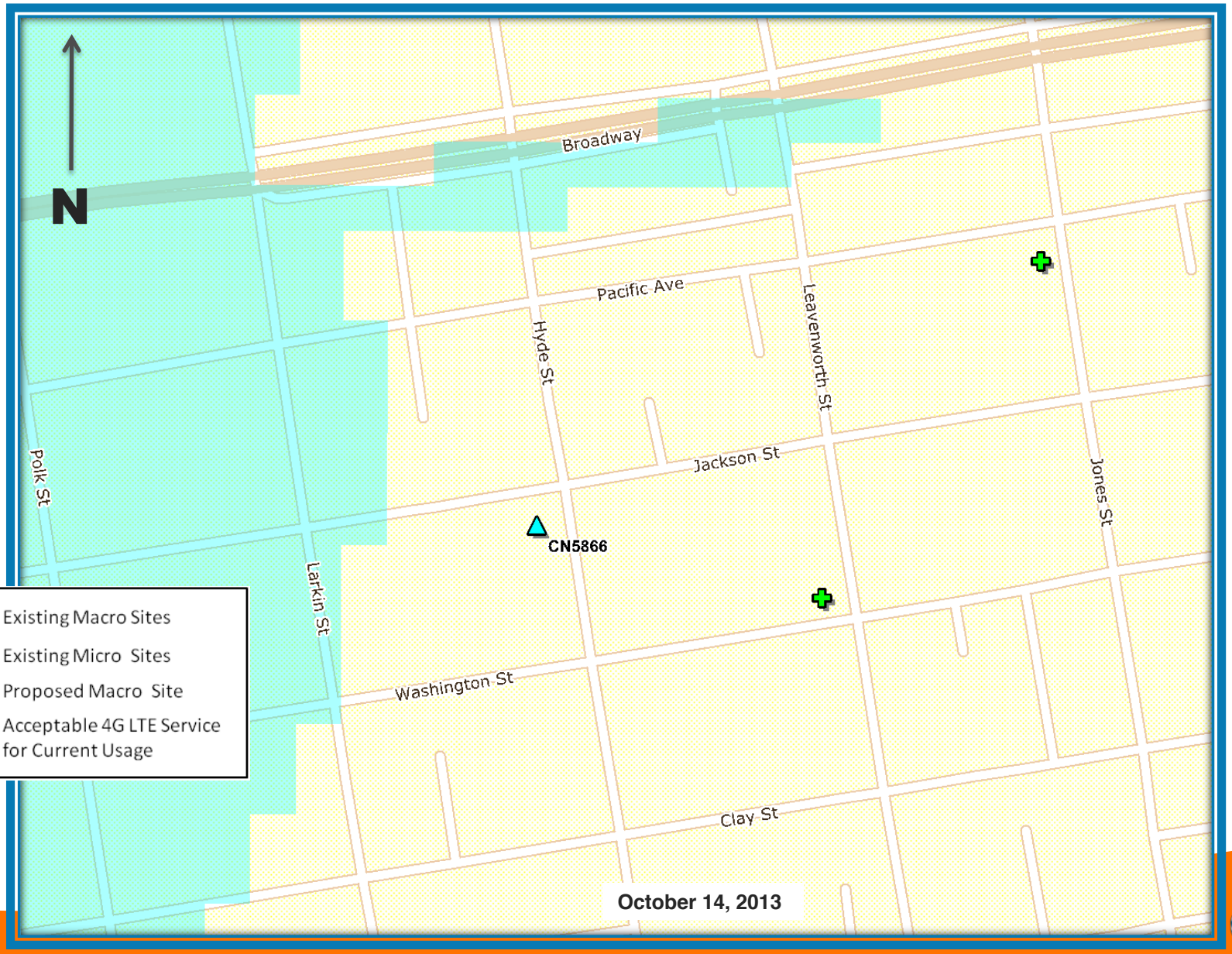
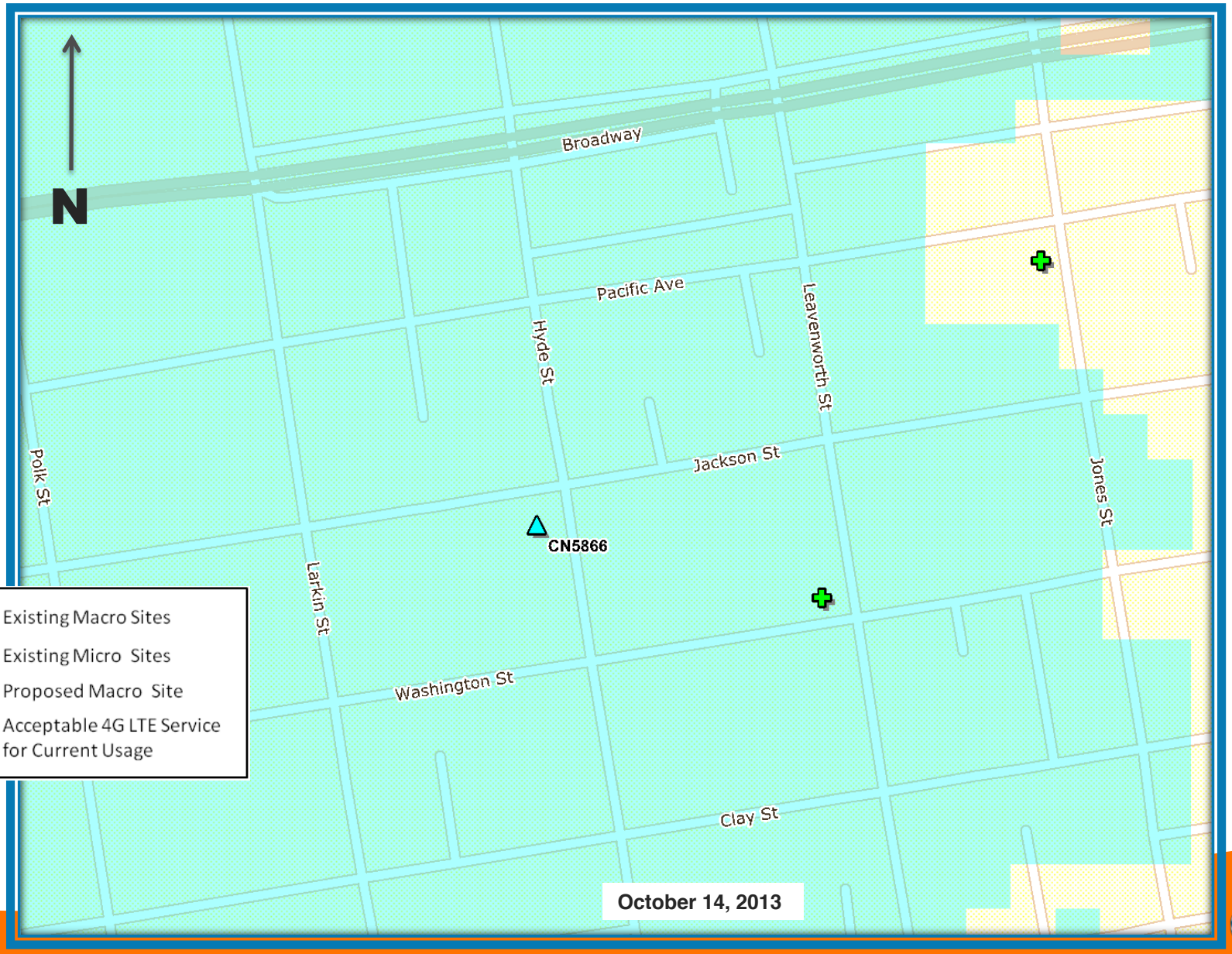


Exhibit 6 - Proposed Site at 1459 Hyde (CN5866)

4G LTE Service Area AFTER site is constructed



1459 HYDE ST
SAN FRANCISCO, CA 94109
CN5866

EXHIBIT B
CONDITIONAL USE
AUTHORIZATION: 2013.1587C

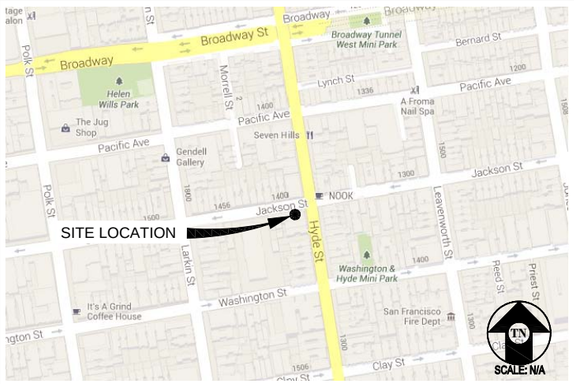
PROJECT DESCRIPTION

A (P) UNMANNED TELECOMMUNICATION FACILITY CONSISTING OF A (P) AT&T 78 SQFT EQUIPMENT LEASE AREA @ GROUND LEVEL & 150 SQFT ANTENNA LEASE AREA ON AN (E) ROOF W/ (11) (P) AT&T ANTENNAS (8 IN FAUX CHIMNEY STRUCTURES & 3 IN FAUX VENTS) W/ ASSOCIATED RRH UNITS, (1) (P) 26" LINEAGE DC POWER RACK, (1) (P) 26" LINEAGE BATTERY RACK, (4) (P) 19" RACKS W/ (2) (P) 6601-DUW RBS UNITS & (1) (P) 6601-DUL RBS UNIT, (1) (P) CIENA, (2) (P) WALL MOUNTED AC UNITS, (3) (P) SURGE SUPPRESSORS, (1) (P) GPS ANTENNA, & (P) CONDUITS FOR FIBER & DC POWER.

PROJECT INFORMATION

SITE NAME:	1459 HYDE ST	SITE #:	CN5866
COUNTY:	SAN FRANCISCO	JURISDICTION:	CITY OF SAN FRANCISCO
BLOCK/LOT:	0186-001	POWER:	PG&E
SITE ADDRESS:	1459 HYDE ST SAN FRANCISCO, CA 94109	TELEPHONE:	AT&T
CURRENT ZONING:	RM-3		
CONSTRUCTION TYPE:	V-B		
OCCUPANCY TYPE:	UNMANNED COMMUNICATIONS FACILITY		
HEIGHT/BULK:	65-A		
PROPERTY OWNER:	BRIGGS & FRONTENOT LLC P.O. BOX 472110 SAN FRANCISCO, CA 94147		
APPLICANT:	AT&T 430 BUSH ST, 5TH FLOOR SAN FRANCISCO, CA 94108		
STRUCTURAL ENGINEER FOR PROPERTY OWNER:	MURPHY BURR CURRY INC 85 SECOND ST #501 SAN FRANCISCO, CA 94105 ATTN: ALAN BURR (415) 546-0431		
LEASING CONTACT:	ATTN: EVAN SHEPHERD REIFF (415) 498-0755		
ZONING CONTACT:	ATTN: EVAN SHEPHERD REIFF (415) 498-0755		
CONSTRUCTION CONTACT:	ATTN: TONY PINO (415) 760-4921		
RF DESIGN ENGINEER:	ATTN: DUMINDU HERATH (415) 774-1371		
LATITUDE: LONGITUDE:	N 37° 47' 39.92" NAD 83 W 122° 25' 06.11" NAD 83		
AMSL:	±246.5'		

VICINITY MAP



DRIVING DIRECTIONS

FROM: 430 BUSH ST, 5TH FLOOR, SAN FRANCISCO, CA 94108
TO: 1459 HYDE ST, SAN FRANCISCO, CA 94109

1. HEAD EAST ON BUSH ST TOWARD CLAUDE LN	190 FT
2. TAKE THE 1ST LEFT ONTO KEARNY ST	338 FT
3. TAKE THE 1ST LEFT ONTO PINE ST	0.6 MI
4. TURN RIGHT ONTO LEAVENWORTH ST	358 FT
5. TAKE THE 1ST LEFT ONTO CALIFORNIA ST	489 FT
6. TAKE THE 1ST RIGHT ONTO HYDE ST	0.2 MI

END AT: 1459 HYDE ST, SAN FRANCISCO, CA 94109

ESTIMATED TIME: 5 MINUTES ESTIMATED DISTANCE: 1.1 MILES

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, PART 1, TITLE 24 C.C.R.
2013 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R.
(2012 INTERNATIONAL BUILDING CODE VOLUMES 1-2 AND 2013 CALIFORNIA AMENDMENTS)
2013 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R.
(2011 NATIONAL ELECTRICAL CODE AND 2013 CALIFORNIA AMENDMENTS)
2013 CALIFORNIA MECHANICAL CODE (CMC) PART 4, TITLE 24 C.C.R.
(2012 UNIFORM MECHANICAL CODE AND 2013 CALIFORNIA AMENDMENTS)
2013 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R.
(2012 UNIFORM PLUMBING CODE AND 2013 CALIFORNIA AMENDMENTS)
2010 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 C.C.R.
2013 CITY OF SAN FRANCISCO FIRE CODE
(2012 INTERNATIONAL FIRE CODE AND 2013 CALIFORNIA AMENDMENTS)
2013 CALIFORNIA GREEN BUILDING STANDARDS CODE, PART 11, TITLE 24 C.C.R.
2013 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C.R.
ANSI/EIA-TIA-222-G

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 11B-203.4

SHEET INDEX

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

APPROVAL

RF

LEASING

ZONING

CONSTRUCTION

AT&T

1459
HYDE ST

CN5866
1469 HYDE ST
SAN FRANCISCO, CA 94109

ISSUE STATUS

△	DATE	DESCRIPTION	BY
	07/03/13	ZD 90%	C.C.
	09/18/13	ZD 100%	C.C.
	10/08/13	CLIENT REV	C.C.
	06/30/14	CLIENT REV	C.C.
	-	-	-
	-	-	-

DRAWN BY: C. CODY
CHECKED BY: J. GRAY
APPROVED BY: -
DATE: 06/30/14

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

at&t
430 BUSH ST, 5TH FLOOR
SAN FRANCISCO, CA 94108

SHEET TITLE:
TITLE

SHEET NUMBER:
T-1

PROPERTY INFORMATION

OWNER: BRIGGS & FONTENOT LLC
ADDRESS: PO BOX 472110
SAN FRANCISCO, CA 94147

SITE: CN5866
1459 HYDE STREET
SAN FRANCISCO, CA 94109-3136

ASSESSOR'S PARCEL NUMBER: APN: 0186-001
EXISTING GROUND ELEVATION: *FINISH FLOOR BUILDING GROUND ELEV=246.5 AMSL*

LESSOR'S LEGAL DESCRIPTION

THE LAND IS SITUATED IN THE COUNTY OF SAN FRANCISCO, STATE OF CALIFORNIA, AND RECORDED JUNE 18, 1999 IN DOC: G607220.

NO EASEMENTS DESCRIBED ON SAID DOCUMENT CONFLICT WITH THE PROPOSED PROJECT AREA.

SURVEYOR'S NOTES

ALL EASEMENTS CONTAINED IN SAID TITLE REPORT AFFECTING THE IMMEDIATE AREA SURROUNDING THE LEASE HAVE BEEN PLOTTED. SURVEYOR HAS NOT PERFORMED A SEARCH OF PUBLIC RECORDS TO DETERMINE ANY DEFECT IN TITLE ISSUED.
THE BOUNDARY SHOWN HEREON IS PLOTTED FROM RECORD INFORMATION AND DOES NOT CONSTITUTE A BOUNDARY SURVEY OF THE PROPERTY.

UTILITY NOTES

SURVEYOR DOES NOT GUARANTEE THAT ALL UTILITIES ARE SHOWN OR THEIR LOCATIONS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR AND DEVELOPER TO CONTACT U.S.A. AND ANY OTHER INVOLVED AGENCIES TO LOCATE ALL UTILITIES PRIOR TO CONSTRUCTION. REMOVAL, RELOCATION AND/ OR REPLACEMENT IS THE RESPONSIBILITY OF THE CONTRACTOR.

BASIS OF BEARING

BEARINGS SHOWED HEREON ARE BASED UPON U.S. STATE PLANE NAD83 COORDINATE SYSTEM *STATE PLANE COORDINATE ZONE 3*, DETERMINED BY GPS OBSERVATIONS.

BENCHMARK

ELEVATION ESTABLISHED FROM GPS DERIVED ORTHOMETRIC HEIGHTS, APPLYING GEOID 99 SEPARATIONS, CONSTRAINING TO NGS CONTROL STATION 'LUTZ' ELEVATION=450.0' (NAVD88)

TITLE REPORT

NO TITLE REPORT WAS PROVIDED AT THE TIME OF SURVEY.

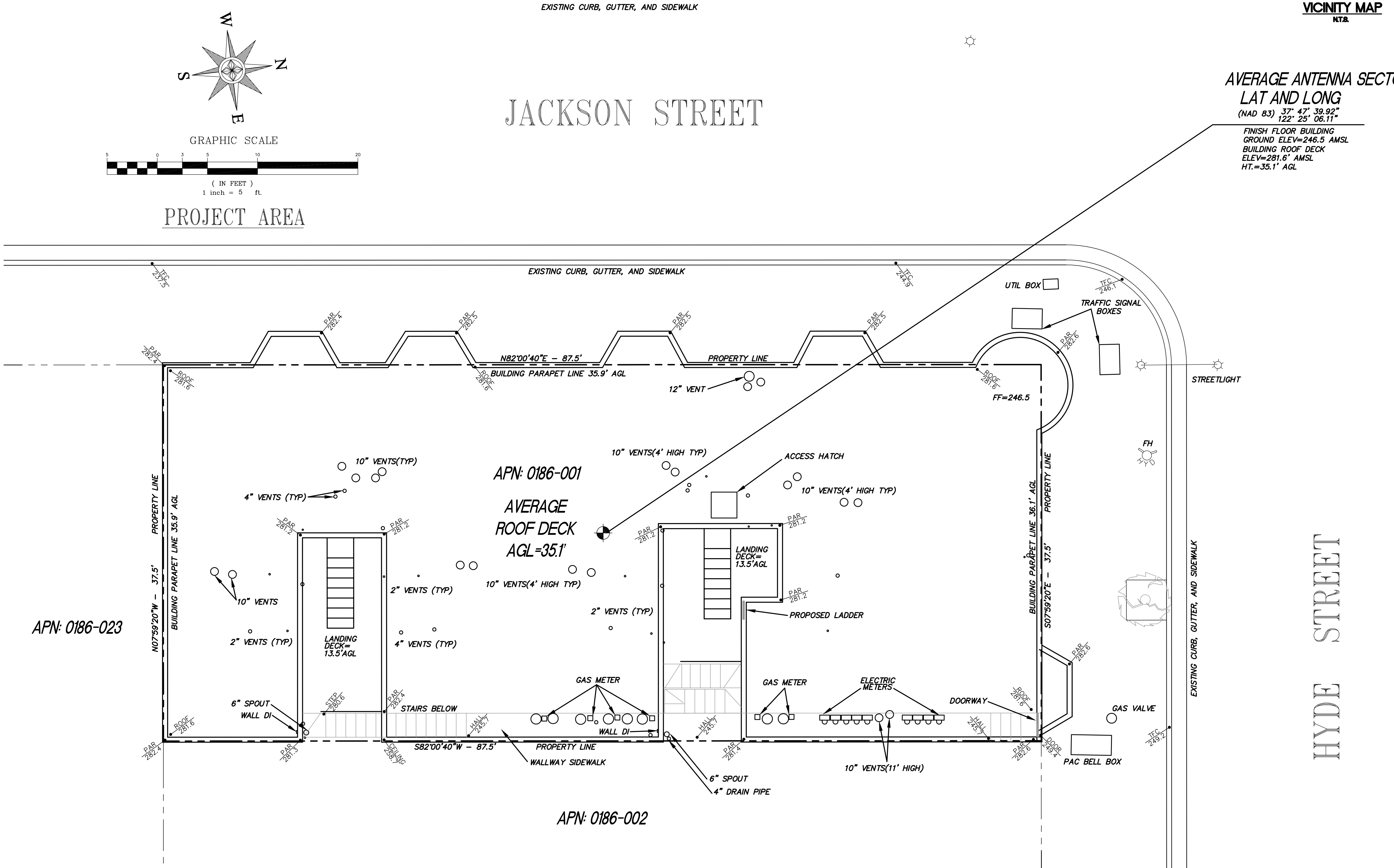
SURVEY DATE

05/30/13

LEGEND

P.O.B.	POINT OF BEGINNING
VC&G	VERTICAL CURB AND GUTTER
R/W	RIGHT OF WAY
AP	ASPHALT
D/W	ACCESS DRIVEWAY
TOP	TOP OF SLOPE
SW	SIDEWALK
TP	TOP OF PARAPET
TW	TOP OF WALL
(125)	LOT NUMBER
	GEODETIC COORDINATES
XXXX.X NG	SPOT ELEVATION
	DISH ANTENNA
	MONOPOLE
WV	WATER CONTROL VALVE
	FIRE HYDRANT
	GUY CONDUCTOR
	FOUND AS NOTED
	POWER POLE
	LIGHT POLE
E	ELECTRICAL TRANSFORMER
AC	AIR CONDITIONING UNIT
	TELEPHONE PEDESTAL
TV	TELEPHONE VAULT
T	TELEPHONE MANHOLE
G	GAS VALVE
GM	GAS METER
	PROPERTY LINE
	CHAIN LINK FENCE
	WOOD OR IRON FENCE

VICINITY MAP
N.T.S.



ISSUE STATUS

△	DATE	DESCRIPTION	REV.
	06/07/13	SITE PLAN	.
	11/20/13	REVISED ROOF ELEV	

HAYES
Land Surveying And Mapping
2830 MADIGAN COURT
CONCORD, CA 94518

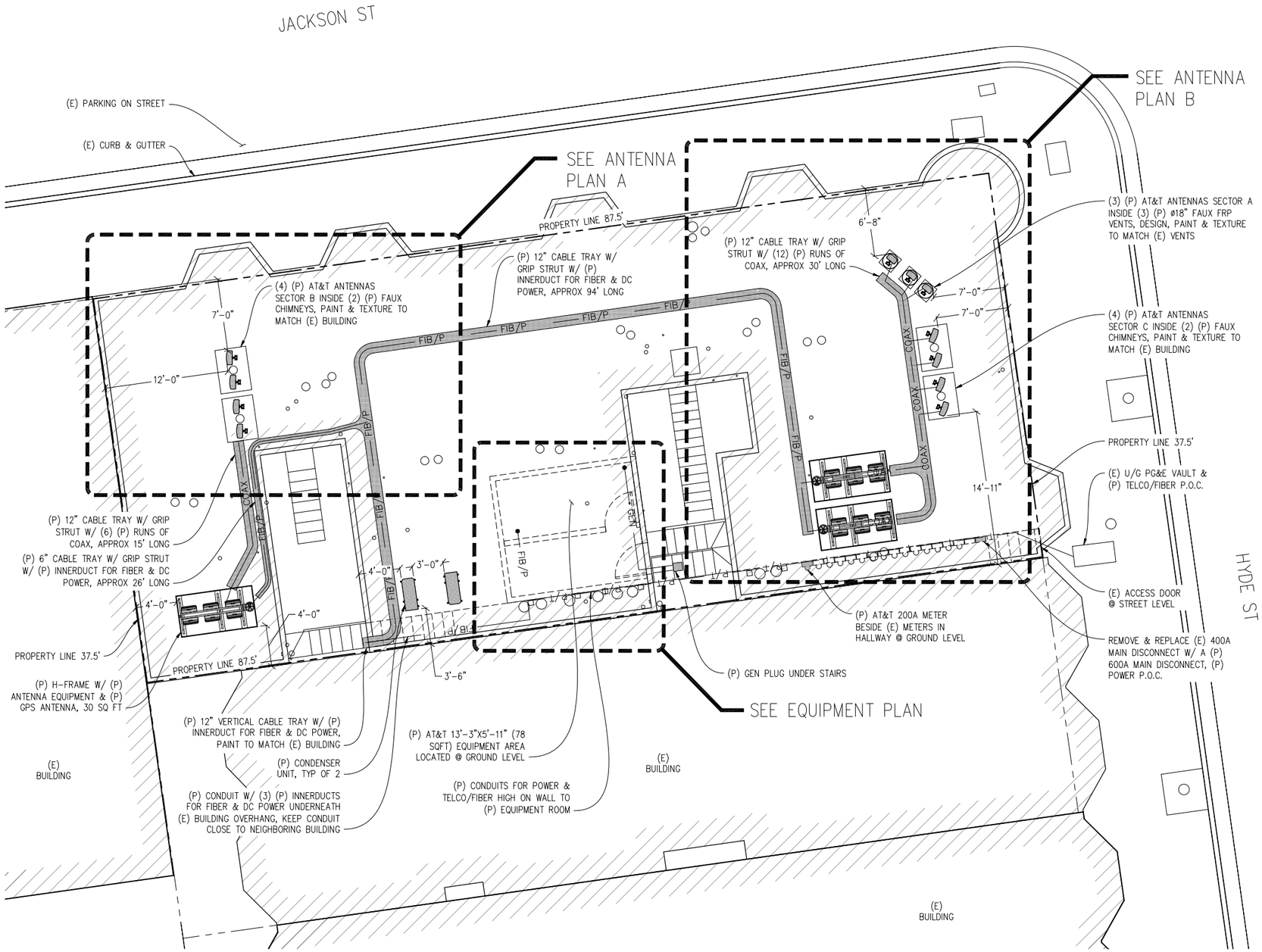
LICENSED LAND SURVEYOR RICK K. HAYES No. 7900 EXP. 12/31/13 STATE OF CALIFORNIA

at&t
4430 ROSEWOOD DR BLDG 3, 6TH FLOOR
PLEASANTON, CA 94588

TOPOGRAPHIC SURVEY
EXISTING CONDITIONS

CN5866
1459 HYDE STREET
SAN FRANCISCO,CA

LS-1
SHEET 1 of 1



SITE PLAN

1"=5'-0"

0 1' 2' 3' 4' 5' 10' 15' 25'

NOTE: ALL (P) CABLE TRAYS ARE TO REMAIN BELOW PARAPET LEVEL

1459 HYDE ST

CN5866
1469 HYDE ST
SAN FRANCISCO, CA 94109

ISSUE STATUS

△	DATE	DESCRIPTION	BY
	07/03/13	ZD 90%	C.C.
	09/18/13	ZD 100%	C.C.
	10/08/13	CLIENT REV	C.C.
	06/30/14	CLIENT REV	C.C.
	–	–	–
	–	–	–

DRAWN BY:	C. CODY
CHECKED BY:	J. GRAY
APPROVED BY:	–
DATE:	06/30/14

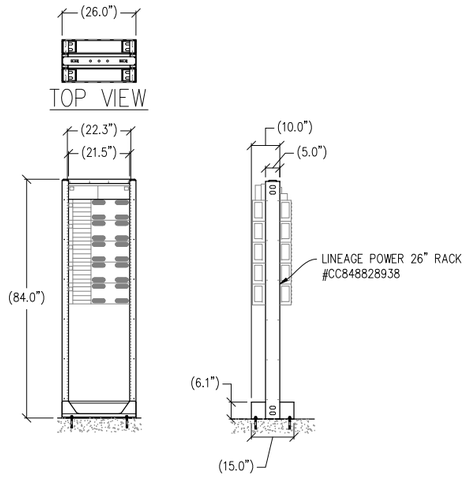
Streamline Engineering and Design, Inc.
8445 Sierra College Blvd. Suite E Granite Bay, CA 95746
Contact: Larry Houghtby Phone: 916-275-4180
E-Mail: larry@streamlineeng.com Fax: 916-660-1941

at&t

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

SHEET TITLE:
SITE PLAN

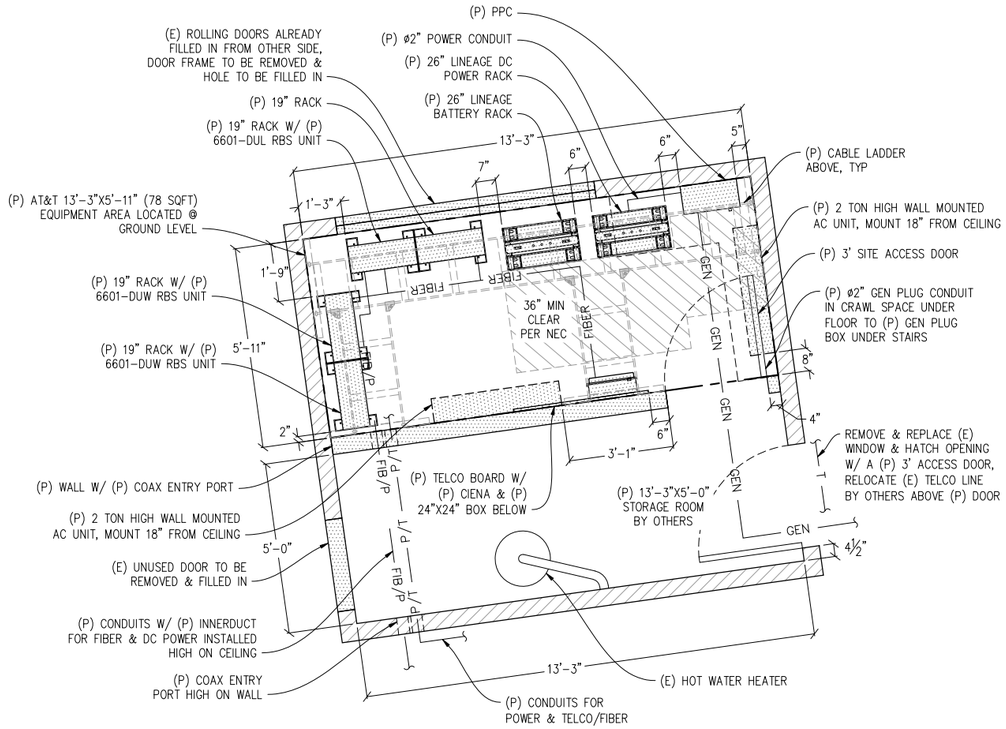
SHEET NUMBER:
A-1



1 DC POWER 26" RACK DETAIL

½"=1'-0"

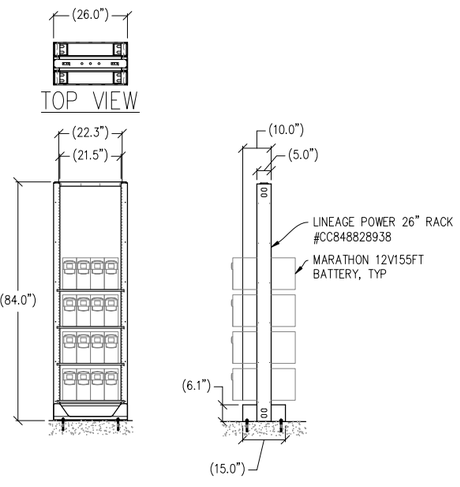
MAX WEIGHT = 1,150 LBS



EQUIPMENT PLAN

½"=1'-0"

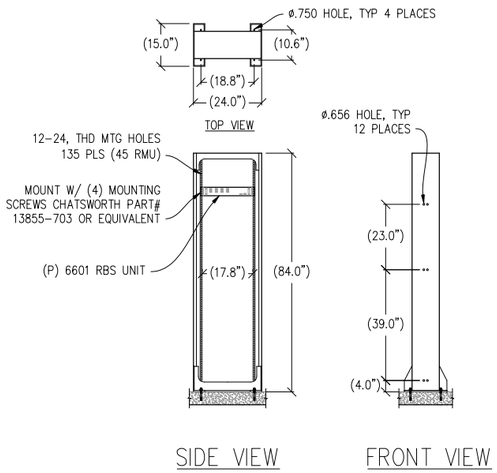
0 6" 1' 2' 3' 5' 7' 10'



2 26" BATTERY RACK DETAIL

½"=1'-0"

MAX WEIGHT = 2,550 LBS



3 19" SEISMIC RACK W/ 6601

½"=1'-0"

MAX WEIGHT = 1,158 LBS

1459 HYDE ST

CN5866

1469 HYDE ST
SAN FRANCISCO, CA 94109

ISSUE STATUS

△	DATE	DESCRIPTION	BY
	07/03/13	ZD 90%	C.C.
	09/18/13	ZD 100%	C.C.
	10/08/13	CLIENT REV	C.C.
	06/30/14	CLIENT REV	C.C.
	–	–	–
	–	–	–

DRAWN BY:	C. CODY
CHECKED BY:	J. GRAY
APPROVED BY:	–
DATE:	06/30/14

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

at&t

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

SHEET TITLE:

EQUIPMENT PLAN & DETAILS

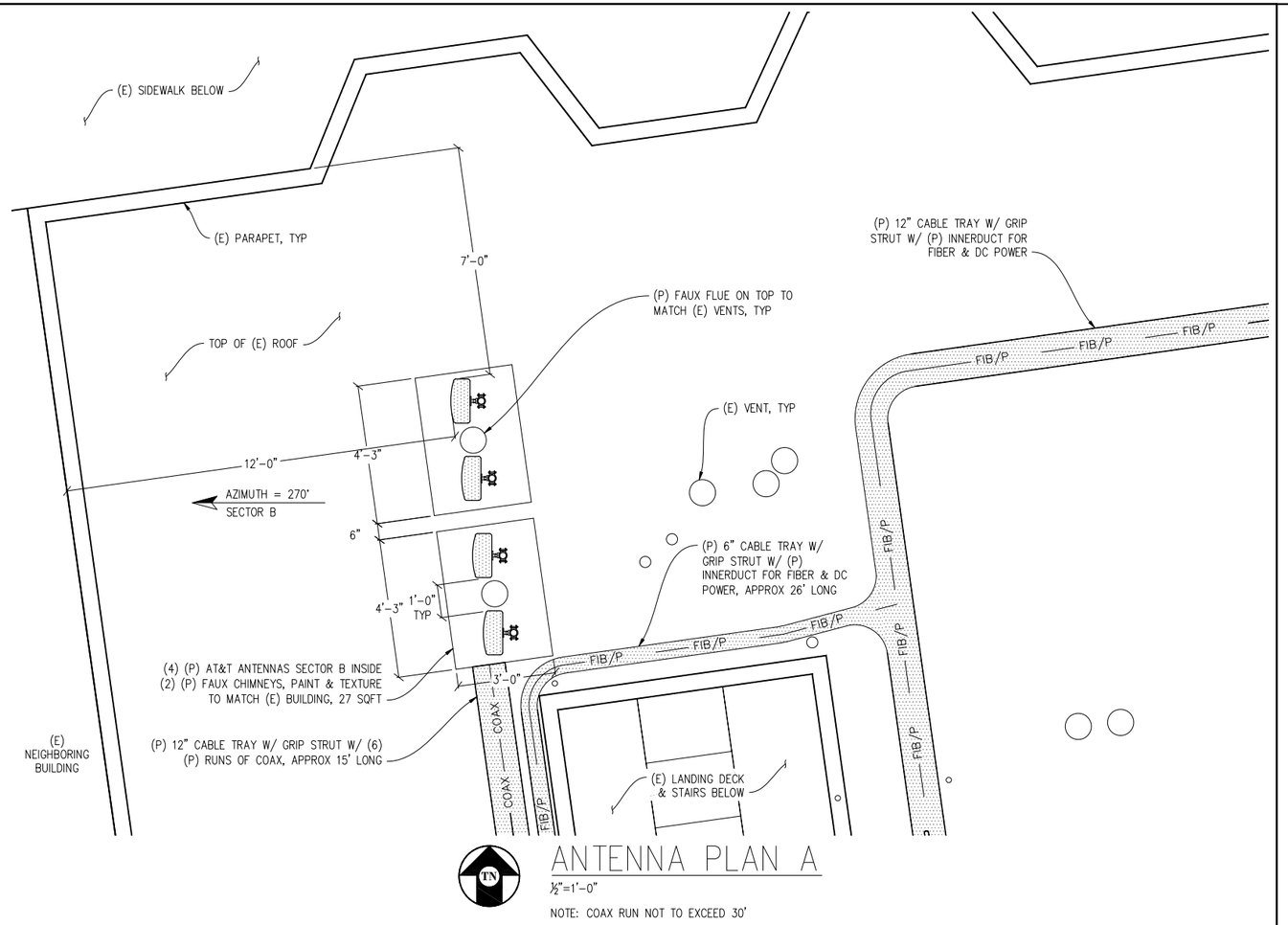
SHEET NUMBER:

A-2

ANTENNA & CABLE SCHEDULE

		ANTENNAS						CABLING			
	ANTENNA POSITION	ANTENNA MODEL	RAD CENTER	AZIMUTH	MDT	EDT	RET	TMA OR DIPLEXER	NO. OF COAX CABLES	COAX DIA.	FIBER LENGTH
ALPHA SECTOR	A1	SBNHH-1D65A	39'-9"	40°	0"	6"	YES	N/A	FIBER	N/A	170'
	A2	SBNHH-1D65A	39'-9"	40°	0"	6',3"	YES	N/A	FIBER	N/A	170'
	A3	SBNHH-1D65A	39'-9"	40°	0"	6',3',3"	YES	N/A	FIBER	N/A	170'
BETA SECTOR	B1	SBNH-1D4545A	39'-9"	270°	0"	10"	YES	N/A	FIBER	N/A	100'
	B2	SBNH-1D4545A	39'-9"	270°	0"	0"	YES	N/A	FIBER	N/A	100'
	B3	SBNH-1D4545A	39'-9"	270°	0"	10',5',5"	YES	N/A	FIBER	N/A	100'
	B4	SBNH-1D4545A	39'-9"	270°	0"	5"	YES	N/A	FIBER	N/A	100'
GAMMA SECTOR	C1	SBNH-1D4545A	39'-9"	110°	0"	6"	YES	N/A	FIBER	N/A	175'
	C2	SBNH-1D4545A	39'-9"	110°	0"	6',3"	YES	N/A	FIBER	N/A	175'
	C3	SBNH-1D4545A	39'-9"	110°	0"	6',3',3"	YES	N/A	FIBER	N/A	175'
	C3	SBNH-1D4545A	39'-9"	110°	0"	6',3',3"	YES	N/A	FIBER	N/A	175'

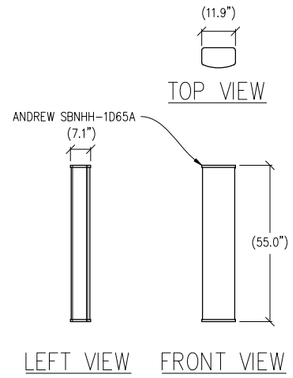
NOTE: CONTRACTOR TO VERIFY LATEST RF DESIGN



ANTENNA PLAN A

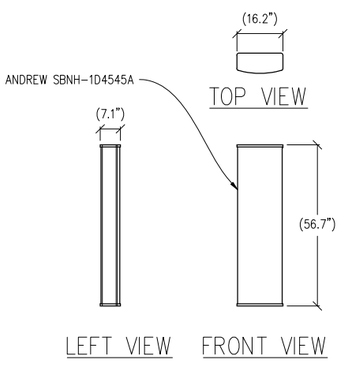
½"=1'-0"

NOTE: COAX RUN NOT TO EXCEED 30'



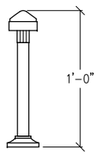
1 ANTENNA DETAIL

½"=1'-0" MAX WEIGHT: 41 LBS



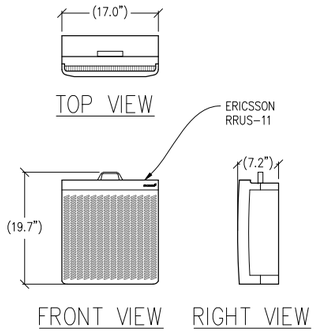
2 ANTENNA DETAIL

½"=1'-0" MAX WEIGHT: 40 LBS



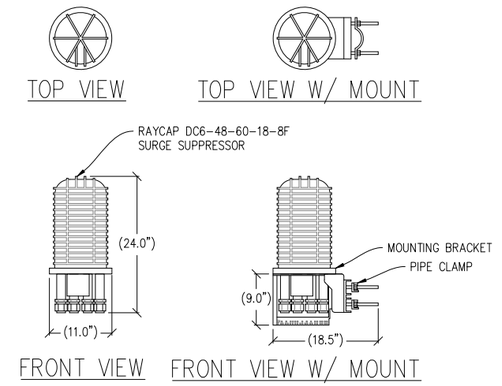
3 GPS DETAIL

1"=6'



4 RRH DETAIL

1"=1'-0" MAX WEIGHT: 50 LBS



5 SURGE SUPPRESSOR DETAIL

1"=1'-0" MAX WEIGHT = 32.8LBS

1459 HYDE ST

CN5866
1469 HYDE ST
SAN FRANCISCO, CA 94109

ISSUE STATUS

△	DATE	DESCRIPTION	BY
	07/03/13	ZD 90%	C.C.
	09/18/13	ZD 100%	C.C.
	10/08/13	CLIENT REV	C.C.
	06/30/14	CLIENT REV	C.C.
	–	–	–
	–	–	–

DRAWN BY:	C. CODY
CHECKED BY:	J. GRAY
APPROVED BY:	–
DATE:	06/30/14

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

at&t

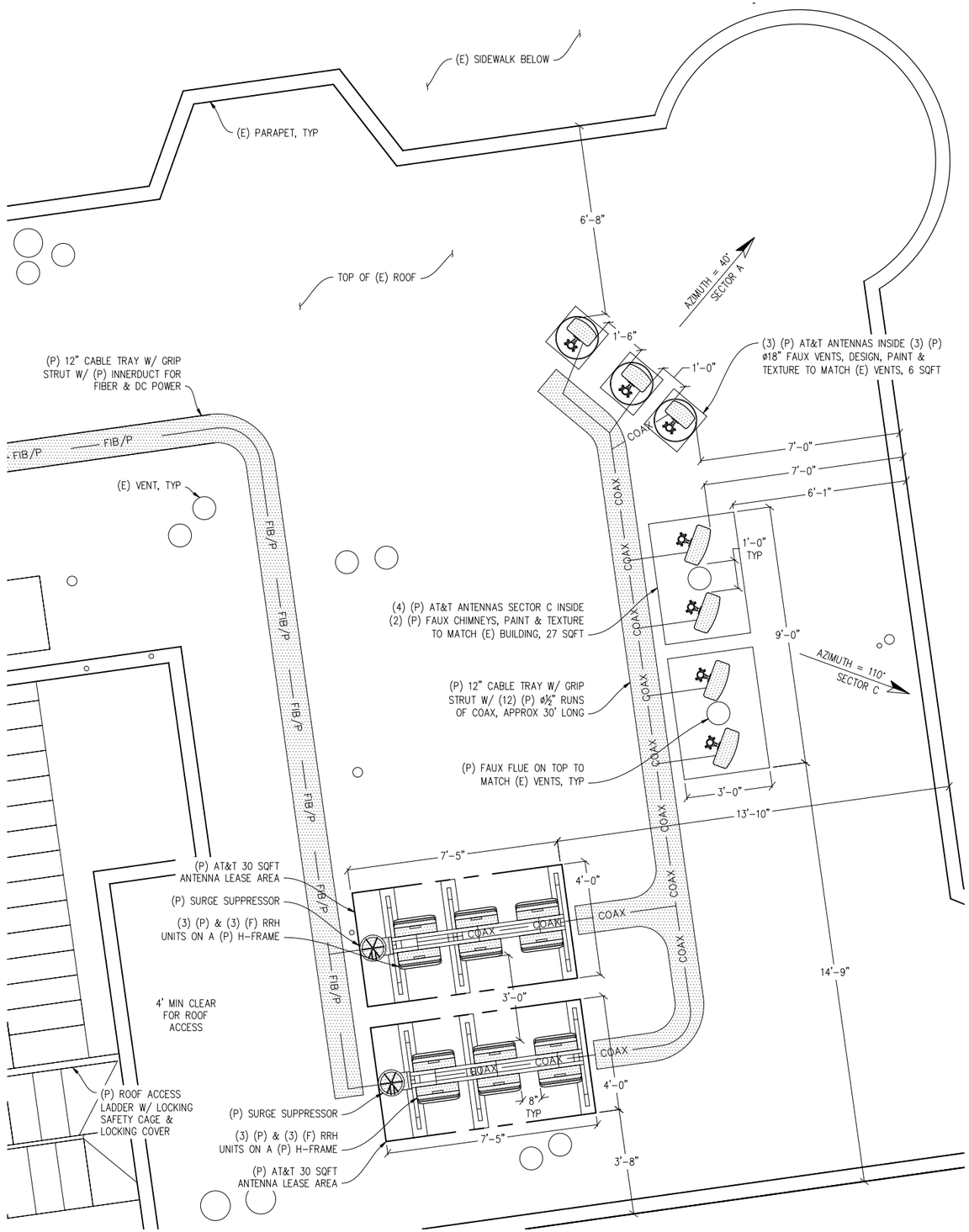
430 BUSH ST, 5TH FLOOR
SAN FRANCISCO, CA 94108

SHEET TITLE:

ANTENNA PLAN & DETAILS

SHEET NUMBER:

A-3



ANTENNA PLAN B

½"=1'-0"

NOTE: COAX RUN NOT TO EXCEED 30'

1459 HYDE ST

CN5866
1469 HYDE ST
SAN FRANCISCO, CA 94109

ISSUE STATUS

△	DATE	DESCRIPTION	BY
	07/03/13	ZD 90%	C.C.
	09/18/13	ZD 100%	C.C.
	10/08/13	CLIENT REV	C.C.
	06/30/14	CLIENT REV	C.C.
	–	–	–
	–	–	–

DRAWN BY:	C. CODY
CHECKED BY:	J. GRAY
APPROVED BY:	–
DATE:	06/30/14

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

at&t

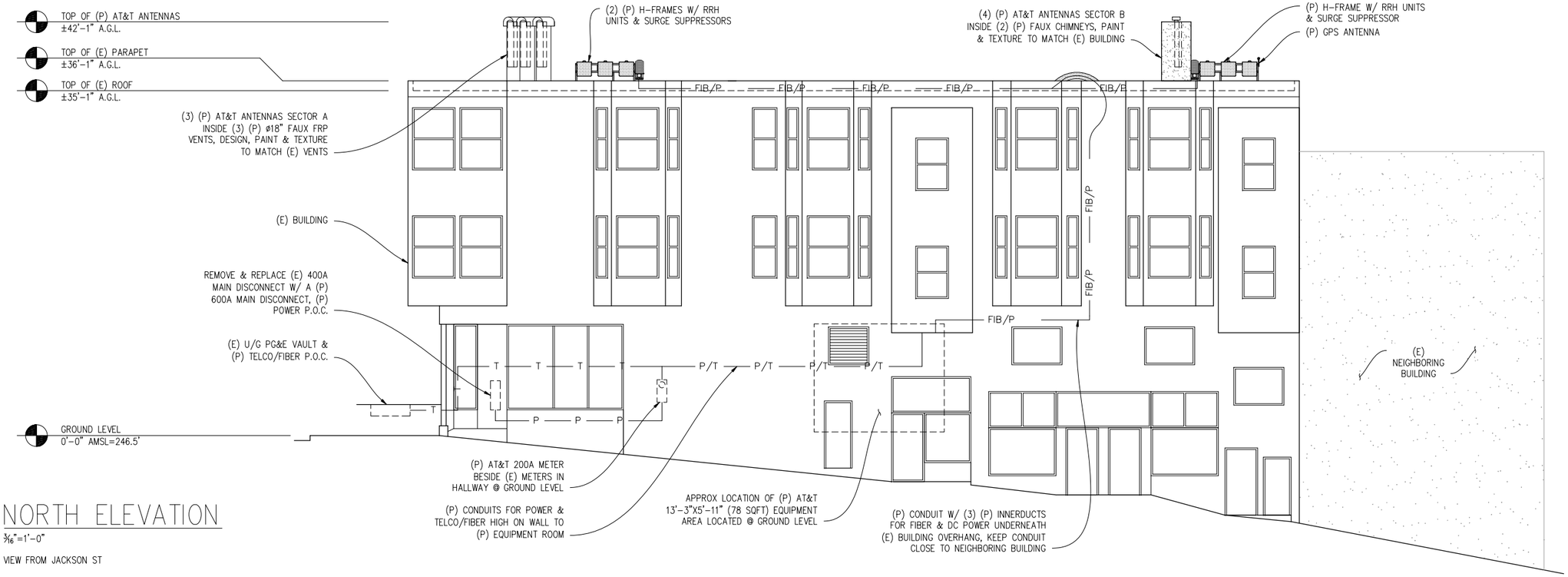
430 BUSH ST, 5TH FLOOR
SAN FRANCISCO, CA 94108

SHEET TITLE:

ANTENNA PLAN

SHEET NUMBER:

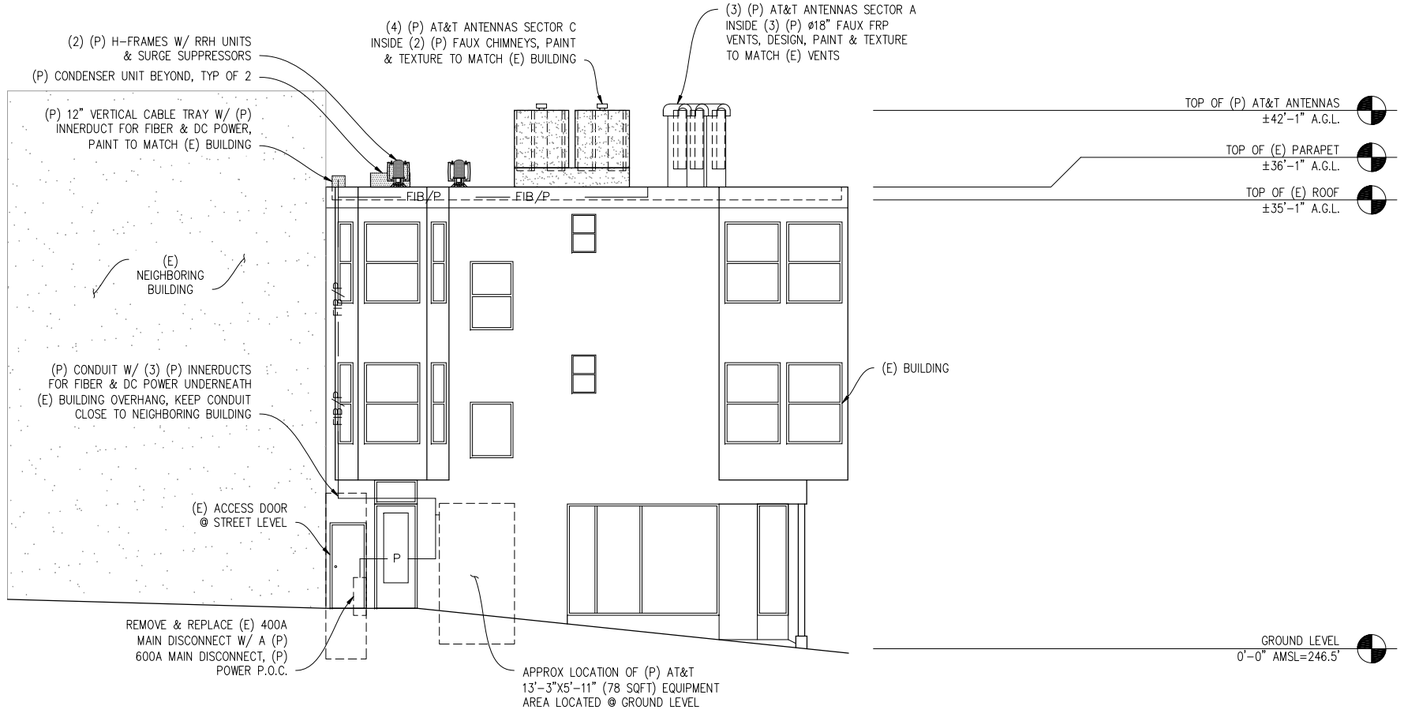
A-4



NORTH ELEVATION

3/16"=1'-0"

VIEW FROM JACKSON ST



EAST ELEVATION

3/16"=1'-0"

VIEW FROM HYDE ST

1459 HYDE ST

CN5866

1469 HYDE ST
SAN FRANCISCO, CA 94109

ISSUE STATUS

△	DATE	DESCRIPTION	BY
	07/03/13	ZD 90%	C.C.
	09/18/13	ZD 100%	C.C.
	10/08/13	CLIENT REV	C.C.
	06/30/14	CLIENT REV	C.C.
	–	–	–
	–	–	–

DRAWN BY:	C. CODY
CHECKED BY:	J. GRAY
APPROVED BY:	–
DATE:	06/30/14

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

at&t

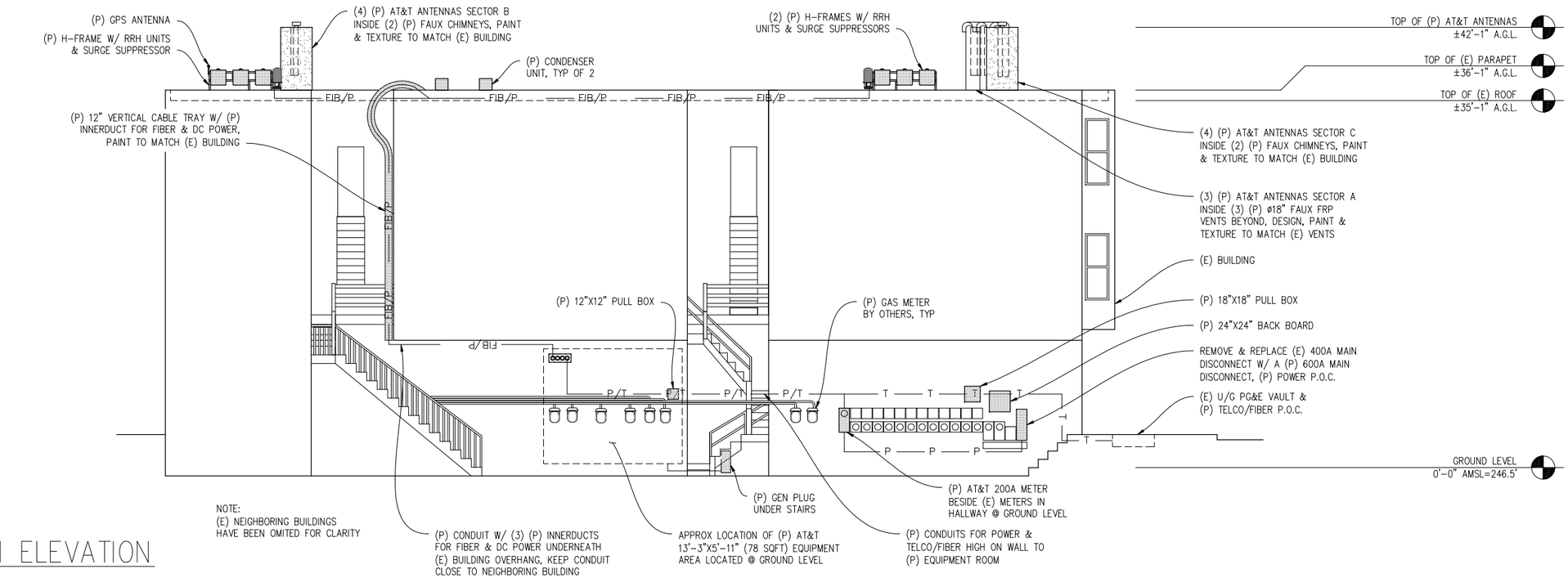
430 BUSH ST, 5TH FLOOR
SAN FRANCISCO, CA 94108

SHEET TITLE:

ELEVATIONS

SHEET NUMBER:

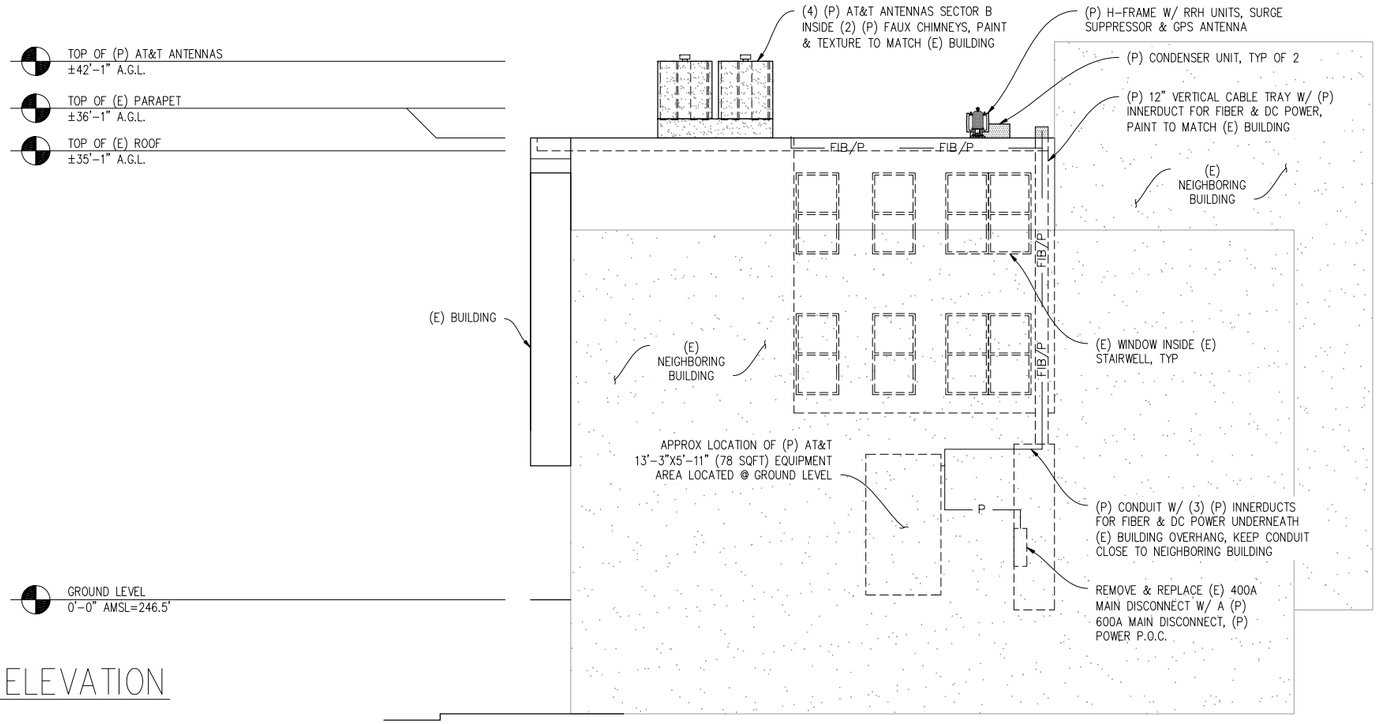
A-5



SOUTH ELEVATION

3/16"=1'-0"

VIEW FROM WASHINGTON ST



WEST ELEVATION

3/16"=1'-0"

VIEW FROM LARKIN ST

1459 HYDE ST

CN5866

1469 HYDE ST
SAN FRANCISCO, CA 94109

ISSUE STATUS

△	DATE	DESCRIPTION	BY
	07/03/13	ZD 90%	C.C.
	09/18/13	ZD 100%	C.C.
	10/08/13	CLIENT REV	C.C.
	06/30/14	CLIENT REV	C.C.
	–	–	–
	–	–	–

DRAWN BY:	C. CODY
CHECKED BY:	J. GRAY
APPROVED BY:	–
DATE:	06/30/14

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

at&t

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

SHEET TITLE:

ELEVATIONS

SHEET NUMBER:

A-6