



SAN FRANCISCO PLANNING DEPARTMENT

Executive Summary Conditional Use Authorization

HEARING DATE: JANUARY 12, 2012

Date: January 5, 2012
Case No.: **2011.0566C**
Project Address: **1408 California Street**
Current Zoning: Polk NCD (Polk Street Neighborhood Commercial) District
65-A Height and Bulk District
Block/Lot: 0249/007
Project Sponsor: AT&T Mobility represented by,
Amy Million, KDI Planning
855 Folsom Street, Ste 106
San Francisco, CA 94107
Staff Contact: Michelle Stahlhut – (415) 575-9116
Michelle.Stahlhut@sfgov.org
Recommendation: **Approval with Conditions**

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PROJECT DESCRIPTION

The proposal is to install a macro wireless telecommunications service (“WTS”) facility consisting of up to nine panel antennas located on the rooftop of the subject building along with equipment that would be located in an internal storage room of the subject building as part of AT&T Mobility’s telecommunications network. The antennas are proposed on a Location Preference 6 Site (Limited Preference Site) according to the WTS Siting Guidelines. The proposed antennas would measure approximately 52” high by 12” wide by 6” thick. All nine antennas would be mounted directly to the rooftop of the subject building within radio frequency transparent enclosures designed to resemble vent pipes, with a maximum height of 70’ 9” above grade or 8’ 2” above the roofline. The associated equipment cabinets would be located in the basement of the subject building.

SITE DESCRIPTION AND PRESENT USE

The project is located on the northwest corner of California Street and Hyde Street, Assessor’s Block 0249, Lot 007. This site is within the Polk Street Neighborhood Commercial Zoning District and a 65-A Height and Bulk District. The project site contains a five-story 37-unit apartment building with ground-floor retail uses. The subject site is a corner lot, with approximately 87.5 feet of frontage both on California and Hyde Street. The lot is approximately 95% covered by the subject building.

SURROUNDING PROPERTIES AND NEIGHBORHOOD

The project site is located at the intersection of California and Hyde Streets at the eastern extremity of the California Street portion of the Polk Street NCD. The surrounding neighborhood is primarily comprised of small to medium-sized apartment buildings. Some of the buildings at the intersection of California and Hyde Streets and toward the west on California Street, feature ground-floor retail. The current use

across California Street is Cala Foods grocery store which was approved by the Planning Commission in December 2011 for conversion to a Trader Joe's grocery store and CVS drugstore. With the exception of the properties to the west along California Street, which are in the Polk Street NCD, the surrounding properties are located within the RM-3 (Residential Mixed, Medium Density) District.

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	December 23, 2011	December 23, 2011	20 days
Posted Notice	20 days	December 23, 2011	December 23, 2011	20 days
Mailed Notice	20 days	December 23, 2011	December 23, 2011	20 days

PUBLIC COMMENT

- As of January 5, 2012, the Department has not received public comment on the proposal.

ISSUES AND OTHER CONSIDERATIONS

- According to the WTS Siting Guidelines, the Planning Commission may only approve WTS applications for Preference 6 (Limited Preference Site) in the following instances: (1) when publicly-used building, co-location site or other Preferred Location Sites are not located within the geographic service area; (2) when good faith efforts and measures did not produce a more preferred location for a WTS facility (Preference Locations 1-5) within the geographic service area. Furthermore, through an alternative site analysis, the wireless carrier must demonstrate the following: (1) why efforts to locate the site at Preferred Location within the geographic service area were unsuccessful; and (2) how and why the proposed site is essential to meet service demands for the geographic service area and the applicant's citywide network.

In this instance, AT&T produced an alternative site analysis that examined whether publicly-used buildings, co-locations sites or Preferred Location Sites were available in the geographic service area that the subject site is intended to serve, which is bounded by Larkin Street, Clay Street, Leavenworth and Pine Street. The alternative site analysis revealed that no publicly-used building or co-location site was available for the installation of the subject WTS facility. Additionally, the alternative site analysis examined nine sites in the service area that could potentially accommodate the WTS facility. The analysis revealed that the other proposed sites were not as desirable as the subject site for several reasons, with the most common limiting factors being an obtrusive/incompatible site design and operability of the site. Department staff has reviewed the AT&T alternative site analysis and concurs that the proposed site would be the most viable site for AT&T to serve the area. The alternative site analysis produced by AT&T is included as an attachment for review.

- The project will conceal the antennas within faux vent pipes constructed of radio frequency transparent material.
- Health and safety aspects of all wireless projects are reviewed under the Department of Public Health and the Department of Building Inspections.
- An updated Five Year Plan with approximate longitudinal and latitudinal coordinates of proposed locations, including the subject site is on file with the Planning Department.
- All required public notifications were conducted in compliance with the City's code and policies.

REQUIRED COMMISSION ACTION

In order for the project to proceed, the Commission may grant the Conditional Use authorization pursuant to Planning Code Sections 303(c) and 723.83 to allow the installation of wireless facilities.

BASIS FOR RECOMMENDATION

The Department believes 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 and Resolution 16539 supplementing the 1996 WTS Guidelines.
- Although the project site is considered a Location Preference 6, (Limited Preference Site) according to the Wireless Telecommunications Services (WTS) Siting Guidelines, the subject site has been determined to be the most viable site to serve the geographic service area through an alternative site analysis.
- Based on propagation maps provided by AT&T Mobility, the project will provide coverage in an area that currently experiences several gaps in coverage.
- Based on 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.
- The proposed antennas will be minimally visible when viewed from adjacent rights-of-way and points further away so as to avoid intrusion into public vistas, avoid disruption of the architectural integrity of building and insure harmony with neighborhood character.

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

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



SAN FRANCISCO PLANNING DEPARTMENT

Subject to: (Select only if applicable)

- Affordable Housing (Sec. 415)
- Jobs Housing Linkage Program (Sec. 413)
- Downtown Park Fee (Sec. 412)
- First Source Hiring (Admin. Code)
- Child Care Requirement (Sec. 414)
- Other

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Planning Commission Motion No. xxxx

HEARING DATE: JANUARY 12, 2012

Date: January 5, 2012
Case No.: **2011.0566C**
Project Address: **1408 California**
Current Zoning: Polk Street Neighborhood Commercial District
 65-A Height and Bulk District
Block/Lot: 0249/007
Project Sponsor: Amy Million of KDI Planning for
 AT&T Mobility
 430 Bush Street, 5th Floor
 San Francisco, CA 94108
Staff Contact: Michelle Stahlhut – (415) 575-9116
 Michelle.stahlhut@sfgov.org

ADOPTING FINDINGS RELATING TO THE APPROVAL OF A CONDITIONAL USE AUTHORIZATION UNDER PLANNING CODE SECTION 303(c) and 723.83 TO INSTALL A WIRELESS TELECOMMUNICATIONS SERVICE FACILITY CONSISTING OF UP TO NINE PANEL ANTENNAS AND RELATED EQUIPMENT ON AN EXISTING FIVE-STORY RESIDENTIAL BUILDING WITH GROUND FLOOR RETAIL AS PART OF AT&T'S WIRELESS TELECOMMUNICATIONS NETWORK WITHIN THE POLK STREET NEIGHBORHOOD COMMERCIAL DISTRICT AND A 65-A HEIGHT AND BULK DISTRICT.

PREAMBLE

On June 1, 2011, AT&T Mobility (hereinafter "Project Sponsor"), made an application (hereinafter "application"), for Conditional Use Authorization on the property at 1408 California, Lot 007 in Assessor's Block 0249, (hereinafter "project site") to install a wireless telecommunications service facility consisting of up to nine panel antennas and related equipment on an existing five-story residential building with ground floor retail as part of AT&T's wireless telecommunications network within the Polk Street Neighborhood Commercial District and the 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 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 January 12, 2012, the San Francisco Planning Commission (hereinafter "Commission") conducted a duly noticed public hearing at a regularly scheduled meeting on the application for a Conditional Use authorization.

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

MOVED, that the Commission hereby authorizes the Conditional Use in Application No. 2011.0566C, 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 is located on the northwest corner of California Street and Hyde Street, Assessor's Block 0249, Lot 007. This site is within the Polk Street Neighborhood Commercial Zoning District and a 65-A Height and Bulk District. The project site contains a five-story 37-unit apartment building with ground-floor retail uses. The subject site is a corner lot, with approximately 87.5 feet of frontage both on California and Hyde Street. The lot is approximately 95% covered by the subject building.
3. **Surrounding Properties and Neighborhood.** The project site is located at the intersection of California and Hyde Streets at the eastern extremity of the Polk Street NCD. The surrounding neighborhood is primarily comprised of small to medium-sized apartment buildings. Some of the buildings at the intersection of California and Hyde Streets and toward the west on California Street, feature ground-floor retail. The current use across California Street is Cala Foods grocery store which was approved by the Planning Commission in December 2011 for conversion to a Trader Joe's grocery store and CVS drugstore. With the exception of the properties to the west along California Street, which are in the Polk Street NCD, the surrounding properties are located within the RM-3 (Residential Mixed, Medium Density) District.
4. **Project Description.** The proposal is to install a macro wireless telecommunications service ("WTS") facility consisting of a maximum of nine panel antennas located on the rooftop of the subject building along with equipment that would be located in an internal storage room of the subject building as part of AT&T Mobility's telecommunications network. The antennas are proposed on a Location Preference 6 Site (Limited Preference Site) according to the WTS Siting Guidelines. The proposed antennas would measure approximately 52" high by 12" wide by 6" thick. All nine antennas would be mounted directly to the rooftop of the subject building within radio frequency transparent enclosures designed to resemble vent pipes, with a maximum height

of 70' 9" above grade and 8' 2" above the roofline. The associated equipment cabinets would be located in the basement of the subject building.

5. **Past History and Actions.** The Planning Commission established guidelines for the installation of wireless telecommunications facilities in 1996 ("Guidelines"). 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, requiring community outreach, notification, and detailed information about the facilities to be installed.¹

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

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

Section 8.1 of WTS Siting Guidelines further stipulates that the Planning Commission may only approve WTS applications for Preference 6 (Limited Preference Site) in the following instances: (1) when publicly-used building, co-location site or other Preferred Location Sites are not located within the geographic service area; (2) when good faith efforts and measures did not produce a more preferred location for a WTS facility (Preference Locations 1-5) within the geographic service area. Furthermore, through an alternative site analysis, the wireless carrier must demonstrate the following: (1) why efforts to locate the site at Preferred Location within the geographic service area were unsuccessful; and (2) how and why the proposed site is essential to meet service demands for the geographic service area and the Applicant's citywide network.

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, a submittal checklist and details about the facilities to be installed.

¹ PC Resolution 16539, passed March 13, 2003.

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.

On January 12, 2012, the Commission conducted a duly noticed public hearing at a regularly scheduled meeting on the application for a Conditional Use authorization pursuant to Planning Code Section 723.83 to install a wireless telecommunications facility consisting of up to nine panel antennas and related equipment on an existing five-story residential building with ground-floor retail as part of AT&T's wireless telecommunications network.

6. **Location Preference.** The *WTS Facilities Siting Guidelines* identify different types of buildings for the siting of wireless telecommunications facilities. Under the *Guidelines*, the Project is a Location Preference Number 6, as the project site is located in an Individual Neighborhood Commercial District.
7. **Radio Waves Range.** The Project Sponsor has stated that the proposed wireless network will transmit calls by radio waves operating in the 1710 - 2170 Megahertz (MHZ) bands, which is regulated by the Federal Communications Commission (FCC) and which must comply with the FCC-adopted health and safety standards for electromagnetic radiation and radio frequency radiation.
8. **Radiofrequency (RF) Emissions:** The project sponsor retained Hammett & Edison, Inc., a radio engineering consulting firm, to prepare a report describing the expected RF emissions from the proposed facility. Pursuant to the *Guidelines*, the Department of Public Health reviewed the report and determined that the proposed facility complies with the standards set forth in the *Guidelines*.
9. **Department of Public Health Review and Approval.** The proposed project was referred to the Department of Public Health (DPH) for emissions exposure analysis. Existing RF levels at ground level were around 1% of the FCC public exposure limit. There were no other antennas observed within 100 feet of this site. AT&T Mobility proposes to install nine new antennas. The antennas will be mounted at a height of approximately 70 feet above the ground. The estimated ambient RF field from the proposed AT&T Mobility transmitters at ground level is calculated to be 0.023 mW/sq. cm., which is 3.4% of the FCC public exposure limit. The three dimensional perimeter of RF levels equal to the public exposure limit extends 51 feet which includes the areas of the roof but does not reach any publicly accessible areas. Warning signs must be posted at the antennas and roof access points in English, Spanish, and Chinese. Workers should not have access to within 17 feet of the front of the antennas while in operation.
10. **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.

11. **Community Outreach.** Per the *Guidelines*, the project sponsor held a Community Outreach Meeting for the proposed project. The meeting was held at 7:00 p.m. on August 10, 2011 at The Grace Cathedral, Chapter Room located at 1100 California Street.
12. **Five-year plan:** Per the *Guidelines*, the project sponsor submitted its latest five-year plan, as required, in October 2011.
13. **Public Comment.** As of January 4th, the Department has not received public comment on the project.
14. **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 723.83, a Conditional Use authorization is required for the installation of other public uses such as wireless transmission facilities.
15. **Planning Code Section 303** establishes criteria for the Planning Commission to consider when reviewing applications for Conditional Use approval. On balance, the project does comply with said criteria in that:
 - A. The proposed new uses and building, at the size and intensity contemplated and at the proposed location, will provide a development that is necessary or desirable, and compatible with, the neighborhood or the community.
 - i. *Desirable: San Francisco is a leader of the technological economy; it is important and desirable to the vitality of the city to have and maintain adequate telecommunications coverage and data capacity. This includes the installation and upgrading of systems to keep up with changing technology and increases in usage. It is desirable for the City to allow wireless facilities to be installed.*

The proposed project at 1408 California Street will be generally desirable and compatible with the surrounding neighborhood because the project will not conflict with the existing uses of the property and will be of such size and nature to be compatible with the surrounding nature of the vicinity. The approval of this authorization has been found, to insure public safety, and insure that 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, avoid disruption of the architectural design integrity of buildings and insure harmony with neighborhood character. The project has been reviewed and determined to not cause the removal or alteration of any significant architectural features on the subject building.
 - ii. *Necessary: In the case of wireless installations, there are two criteria that the Commission reviews: coverage and capacity.*

Coverage: San Francisco does have sufficient overall wireless coverage (note that this is separate from carrier service). San Francisco's unique coverage issues due to topography and building

heights presents coverage issues. The hills and buildings disrupt direct lines of site between WTS base stations. Thus, telecommunication carriers often 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 be able to have proper data distribution. It is necessary for San Francisco, as a leader in technology, to have adequate capacity.

The proposed project at 1408 California is necessary in order to achieve sufficient street and in-building mobile phone coverage. Recent drive tests in the subject area conducted by the AT&T Mobility Radio Frequency Engineering Team provide conclusive evidence that the subject property is the most viable location, based on factors including quality of coverage and aesthetics.

Although the project site is considered a Preference 6 (Limited Preference Site) according to the WTS Siting Guidelines, the subject site has been determined to be the most viable site to serve the geographic service area through an alternative site analysis. The proposed coverage area will serve the vicinity bounded by Larkin Street, Clay Street, Leavenworth and Pine Street, as indicated in the coverage maps. The alternative site analysis revealed that no publicly-used building or co-location site was available for the installation of the subject WTS facility. Additionally, the alternative site analysis examined nine sites in the service area that could potentially accommodate the WTS facility. The analysis revealed that the other proposed sites were not as desirable as the subject site for several reasons with the most common limiting factors being an obtrusive/incompatible site design and operability of the site. This facility will improve coverage and capacity in the project area, as well as to provide necessary facilities for emergency transmission and improved communication for the neighborhood, community and the region.

- 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 proposed 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.

The Department is developing a database of all such wireless communications facilities operating or proposed for operation in the City and County of San Francisco. All applicants are now required to submit information on the location and nature of all existing and approved wireless transmission facilities operated by the Project Sponsor. The goal of this effort is to foster public information as to the location of these facilities.

- 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 single 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 antennas are proposed to be behind a proposed radio frequency-transparent vent pipes that would be located approximately 8 feet from the southern primary elevation, and 10 feet from the eastern primary elevation of the subject building in order to screen the antennas from view nearby public rights-of-way. When viewed from nearby public rights-of-way, the vent pipes would not be visible from most vantage points. When visible, the vent pipes would be minimally visible. The project will not affect the existing landscaping.

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

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

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

The proposed project is consistent with the stated purpose of the Polk District in that the intended use is located on an existing building approximately 63 feet tall and antennas set back from the street frontage.

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

HOUSING ELEMENT

BALANCE HOUSING CONSTRUCTION AND COMMUNITY INFRASTRUCTURE

OBJECTIVE 12 – BALANCE HOUSING GROWTH WITH ADEQUATE INFRASTRUCTURE THAT SERVES THE CITY’S GROWING POPULATION.

POLICY 12.2 – Consider the proximity of quality of life elements, such as open space, child care, and neighborhood services, when developing new housing units.

POLICY 12.3 – Ensure new housing is sustainable supported by the City’s public infrastructure systems.

The project will improve AT&T Mobility coverage and capacity in residential, commercial and recreational areas along primary transportation routes in San Francisco.

URBAN DESIGN

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 Project adequately “stealths” the proposed antennas within faux vents on the rooftop area and with the related equipment would be located within the building. The vent pipes would not be visible from most vantage points in nearby public rights-of-way. When visible, the screen would be minimally visible.

COMMERCE AND INDUSTRY ELEMENT

Objectives and Policies

OBJECTIVE 1:

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

Policy 1:

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

Policy 2:

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

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

OBJECTIVE 2:

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

Policy 1:

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

Policy 3:

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

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

OBJECTIVE 4:

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

Policy 1:

Maintain and enhance a favorable business climate in the City.

Policy 2:

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

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

VISITOR TRADE

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

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

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

COMMUNITY SAFETY ELEMENT

Objectives and Policies

OBJECTIVE 3:

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

Policy 1:

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

Policy 2:

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

Policy 3:

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

Policy 4:

Establish and maintain an adequate Emergency Operations Center.

Policy 5:

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

Policy 6:

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

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

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

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

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

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

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

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

The project would have no adverse impact 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 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 proposed faux vent pipes will be installed to conceal the proposed antennas and are anticipated to minimize the visibility of the antennas from nearby public rights-of-way. Additionally, mounting the antennas on the rooftop would not affect any character-defining features of the building. The vent pipes have been designed so it would not be visible from most vantage points in nearby public rights-of-way. When visible, the vent pipes would be minimally visible from select vantage points as viewed from the public right-of-way. By minimizing the visibility of the proposed antennas and the vent pipes, the project would not significantly alter the subject building.

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

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

18. 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.
19. The Commission hereby finds that approval of the Determination of Compliance 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 723.83 and 303 to install up to nine panel antennas and associated equipment cabinets at the Project Site and as part of a wireless transmission network operated by AT&T Mobility on a Location Preference 6 (Limited Preference) according to the Wireless Telecommunications Services (WTS) Siting Guidelines, within the Polk Street Neighborhood Commercial District and a 65-A Height and Bulk District and subject to the conditions of approval attached hereto as **Exhibit A**.

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. 18441. 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.

I hereby certify that the foregoing Motion was adopted by the Planning Commission on **January 12, 2012**.

Linda Avery
Commission Secretary

AYES

NAYS:

ABSENT:

ADOPTED: January 12, 2012

EXHIBIT A

AUTHORIZATION

This authorization is for a Conditional Use Authorization under Planning Code Sections 723.83 and 303 to install a wireless telecommunications service facility consisting of up to nine panel antennas with related equipment, a Location Preference 6 (Limited Preference Site) according to the Wireless Telecommunications Services (WTS) Siting Guidelines, as part of AT&T's wireless telecommunications network within the Polk Street Neighborhood Commercial District and a 65-A Height and Bulk District.

RECORDATION OF CONDITIONS OF APPROVAL

Prior to the issuance of the building permit or commencement of use for the Project the Zoning Administrator shall approve and order the recordation of a Notice in the Official Records of the Recorder of the City and County of San Francisco for the subject property. This Notice shall state that the project is subject to the conditions of approval contained herein and reviewed and approved by the Planning Commission on **January 12, 2012** under Motion No.xxxx.

PRINTING OF CONDITIONS OF APPROVAL ON PLANS

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

SEVERABILITY

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

CHANGES AND MODIFICATIONS

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

Conditions of Approval, Compliance, Monitoring, and Reporting

PERFORMANCE

1. **Validity and Expiration.** The authorization and right vested by virtue of this action is valid for three 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.

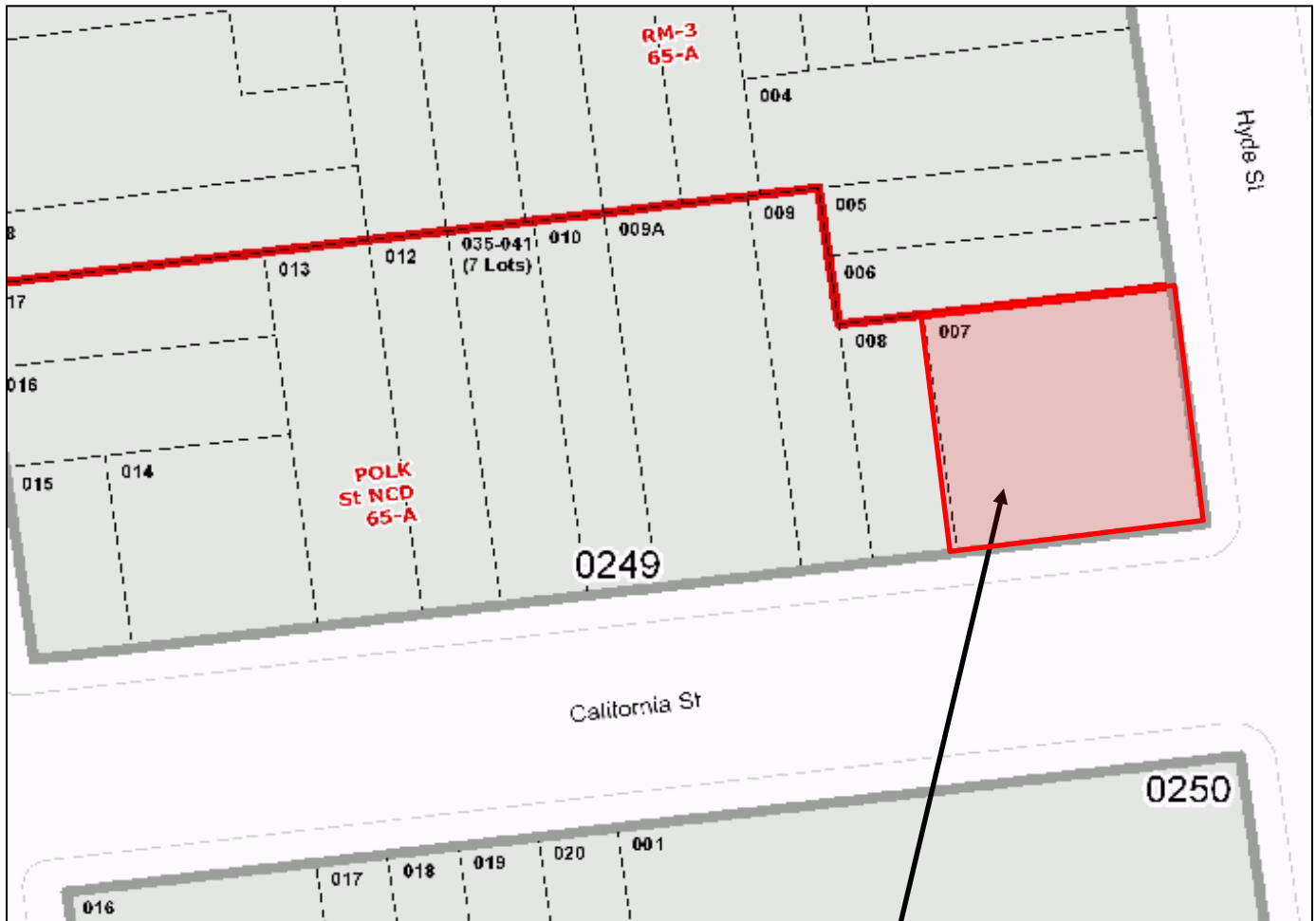
18. **Transfer of Operation – WTS.** Any carrier/provider authorized by the Zoning Administrator or by the Planning Commission to operate a specific WTS installation may assign the operation of the facility to another carrier licensed by the FCC for that radio frequency provided that such transfer is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

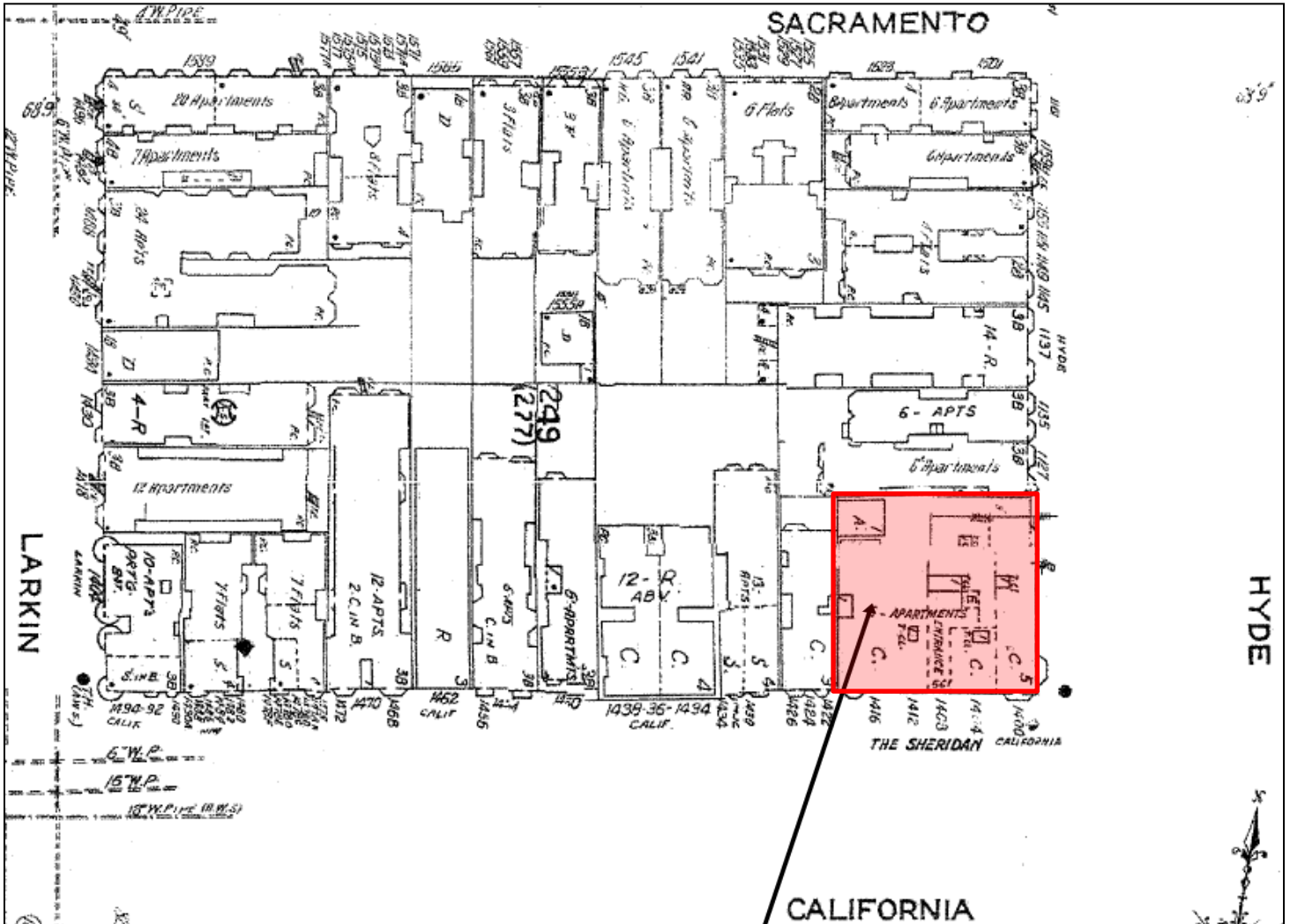
Parcel Map



SUBJECT PROPERTY

Case Number 2011.0566C
AT&T Mobility WTS Facility
1408 California Street

Sanborn Map*



SUBJECT PROPERTY

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

Case Number 2011.0566C
AT&T Mobility WTS Facility
1408 California Street

Aerial Photo

North-Facing



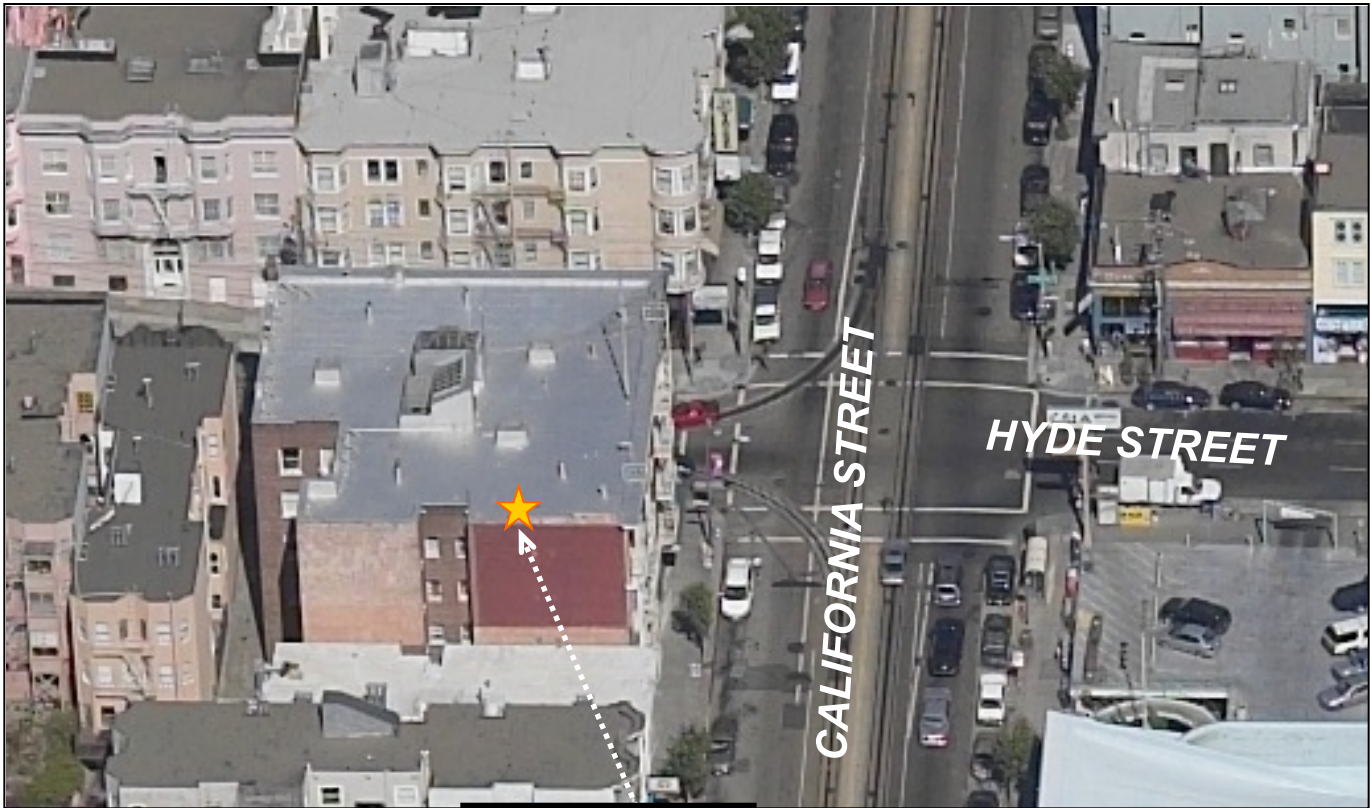
SUBJECT PROPERTY



Case Number 2011.0566C
AT&T Mobility WTS Facility
1408 California Street

Aerial Photo

East-Facing



SUBJECT PROPERTY



Aerial Photo

South-Facing



SUBJECT PROPERTY



Aerial Photo

West-Facing

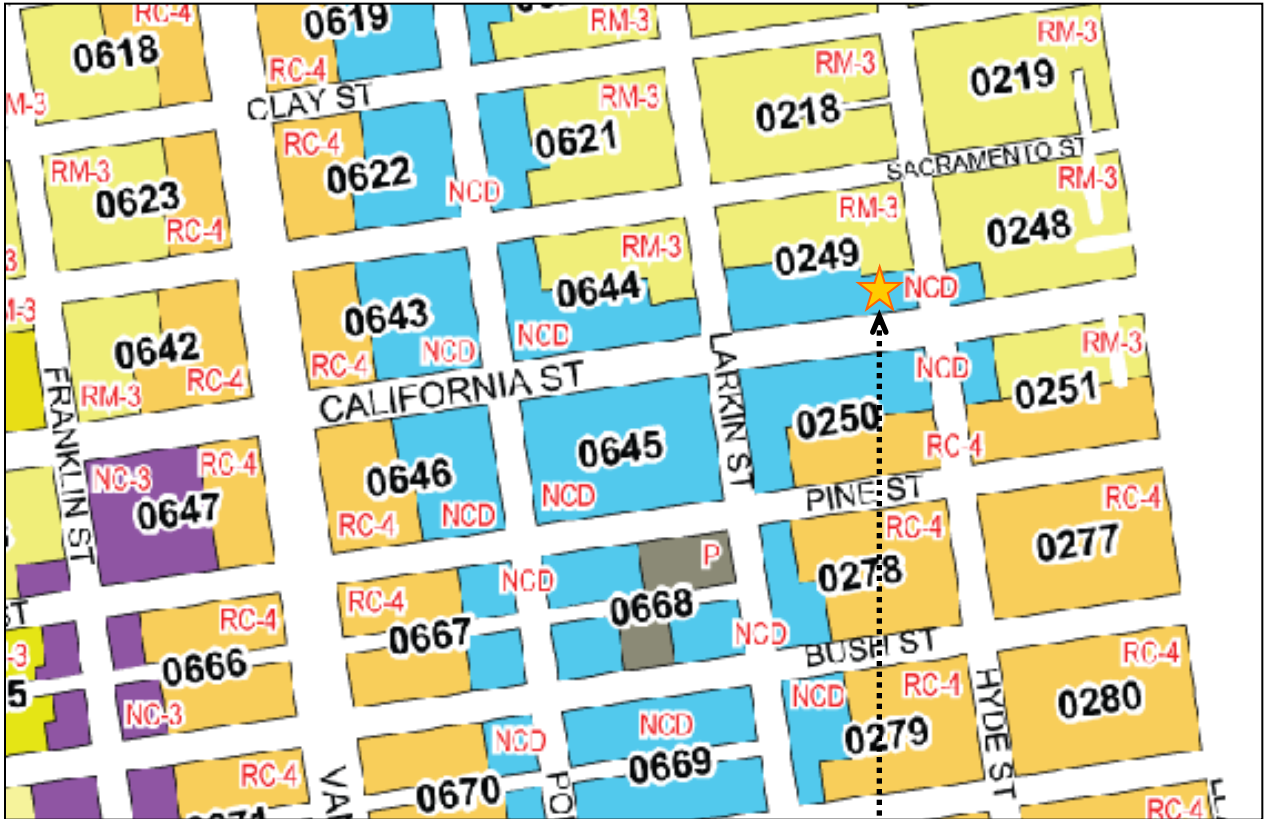


SUBJECT PROPERTY



Case Number 2011.0566C
AT&T Mobility WTS Facility
1408 California Street

Zoning Map



SUBJECT PROPERTY



Case Number 2011.0566C
AT&T Mobility WTS Facility
1408 California Street

I. Scale of Locale – Contextual Photographs

See attached photographs identifying the heights of buildings within 100 feet of proposed site including subject property.



Looking west down California Street toward the subject building



Looking north on Hyde Street toward the subject building



Looking north on Hyde Street toward easterly blockface



Looking east on California Street toward northerly blockface



Looking east on California Street at southerly blockface



Looking south down Hyde Street at easterly blockface



Looking south on Hyde Street at westerly blockface



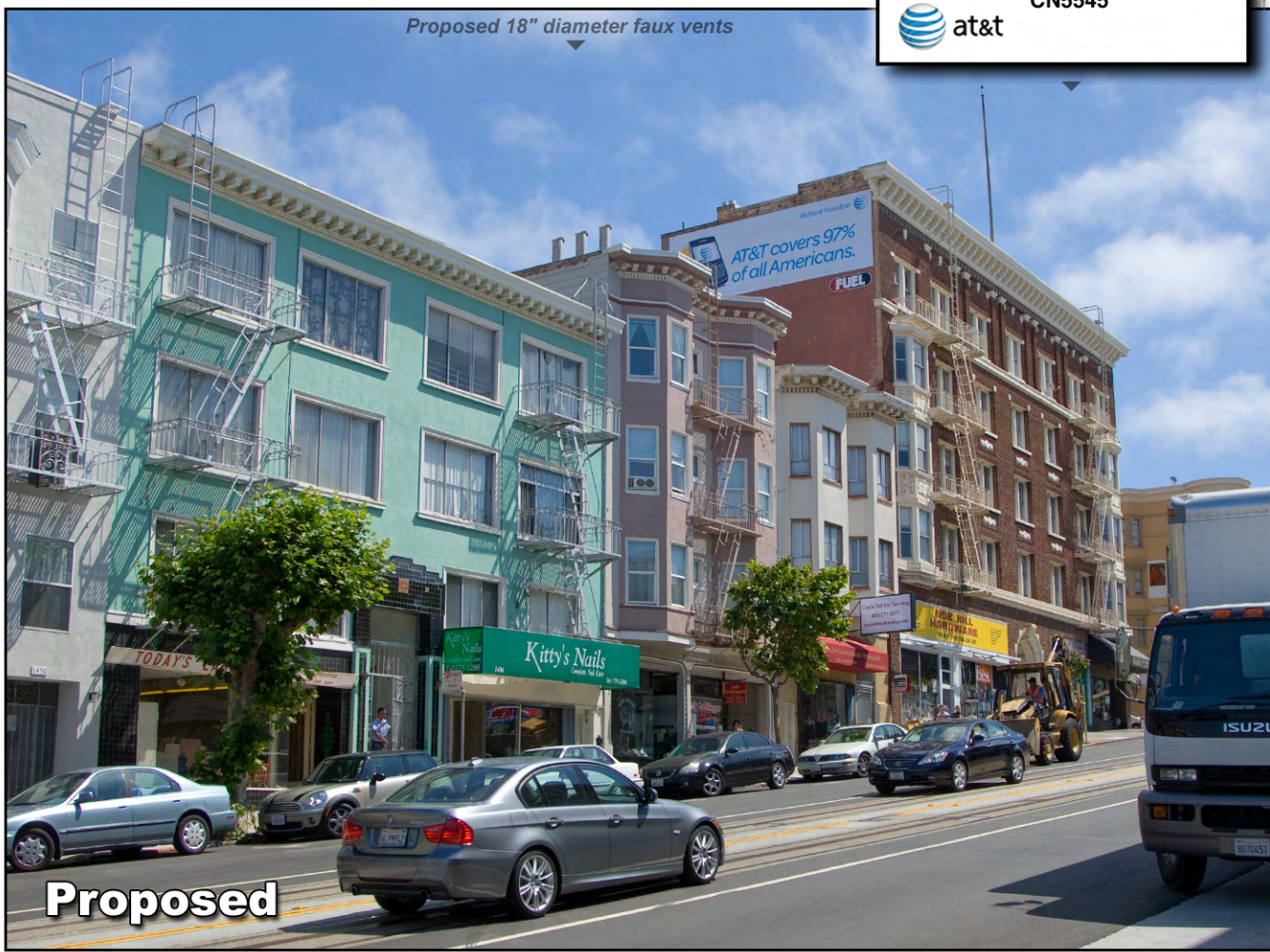
Looking west down California Street toward southerly blockface

Photosimulation of view looking northeast from across California Street, 183 feet from the nearest corner of the building.



Existing

Thai Thai Noodle
 1408 California St
 San Francisco, CA 94109
 CN5545

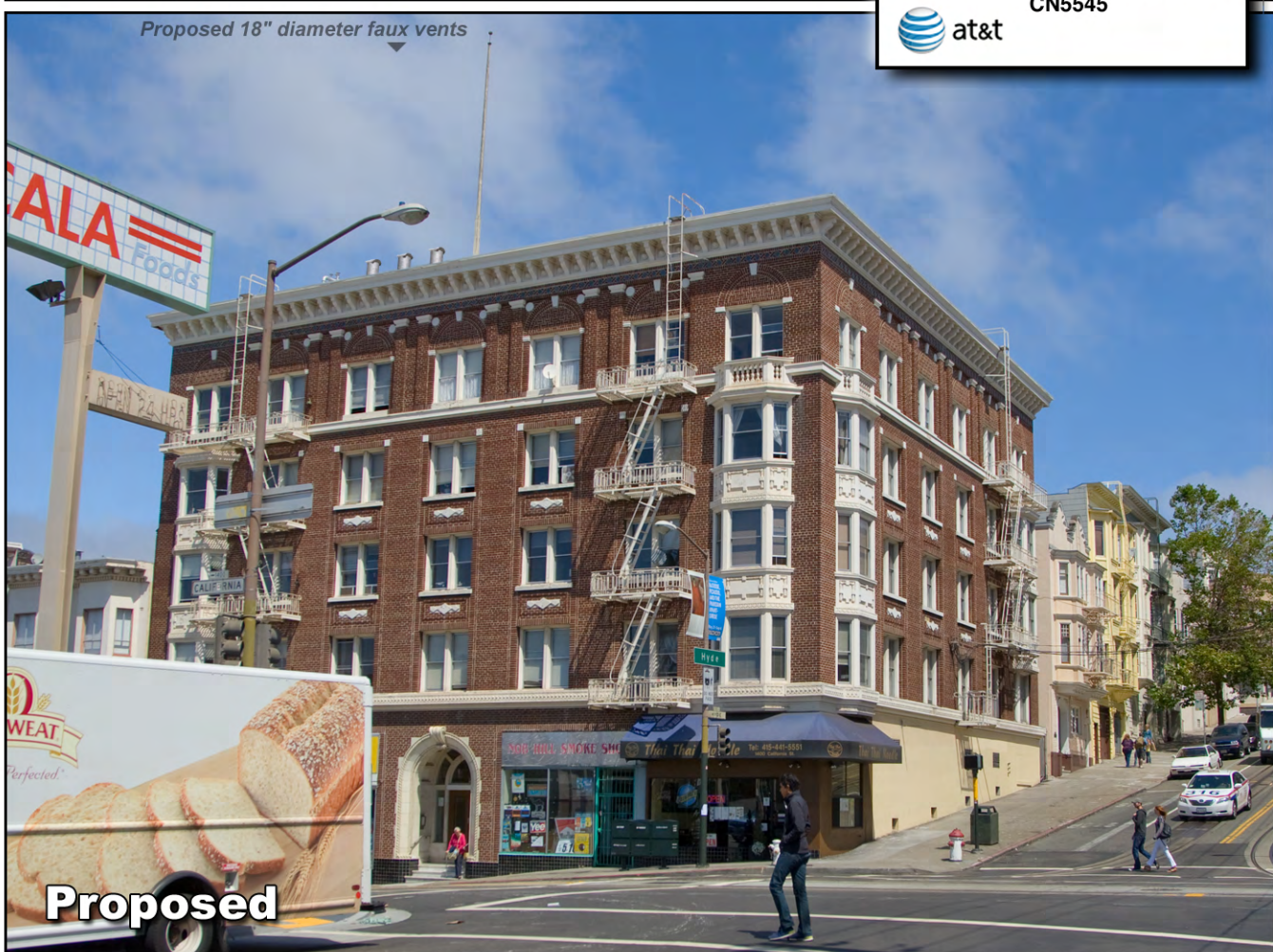
Proposed

Photosimulation of view looking northwest from Hyde Street, 150 feet from the nearest corner of the building.



Existing

Thai Thai Noodle
 1408 California St
 San Francisco, CA 94109
 CN5545

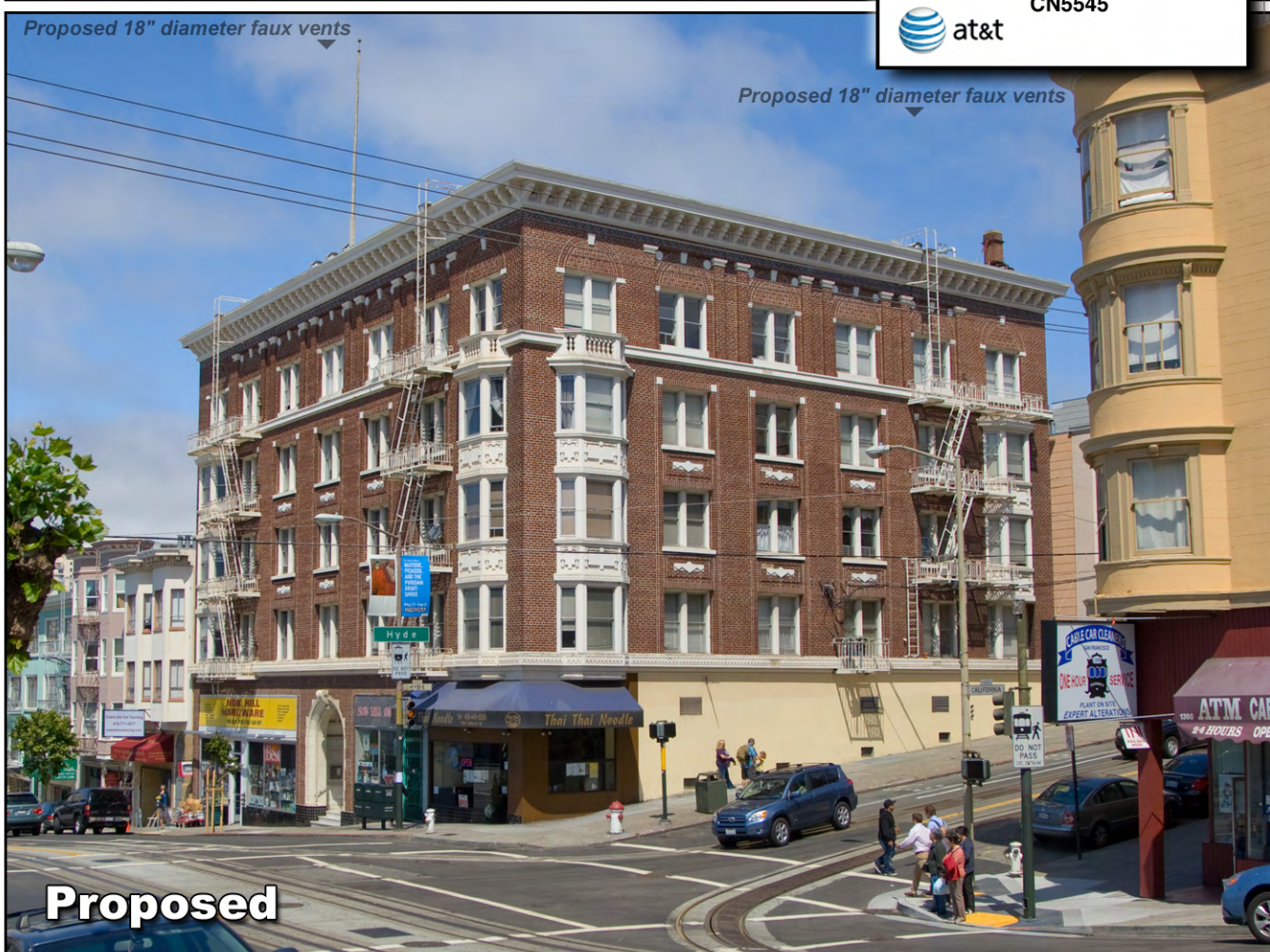
Proposed

Photosimulation of view looking west from across California Street, 150 feet from the nearest corner of the building.



Existing

Thai Thai Noodle
 1408 California St
 San Francisco, CA 94109
 CN5545

Proposed

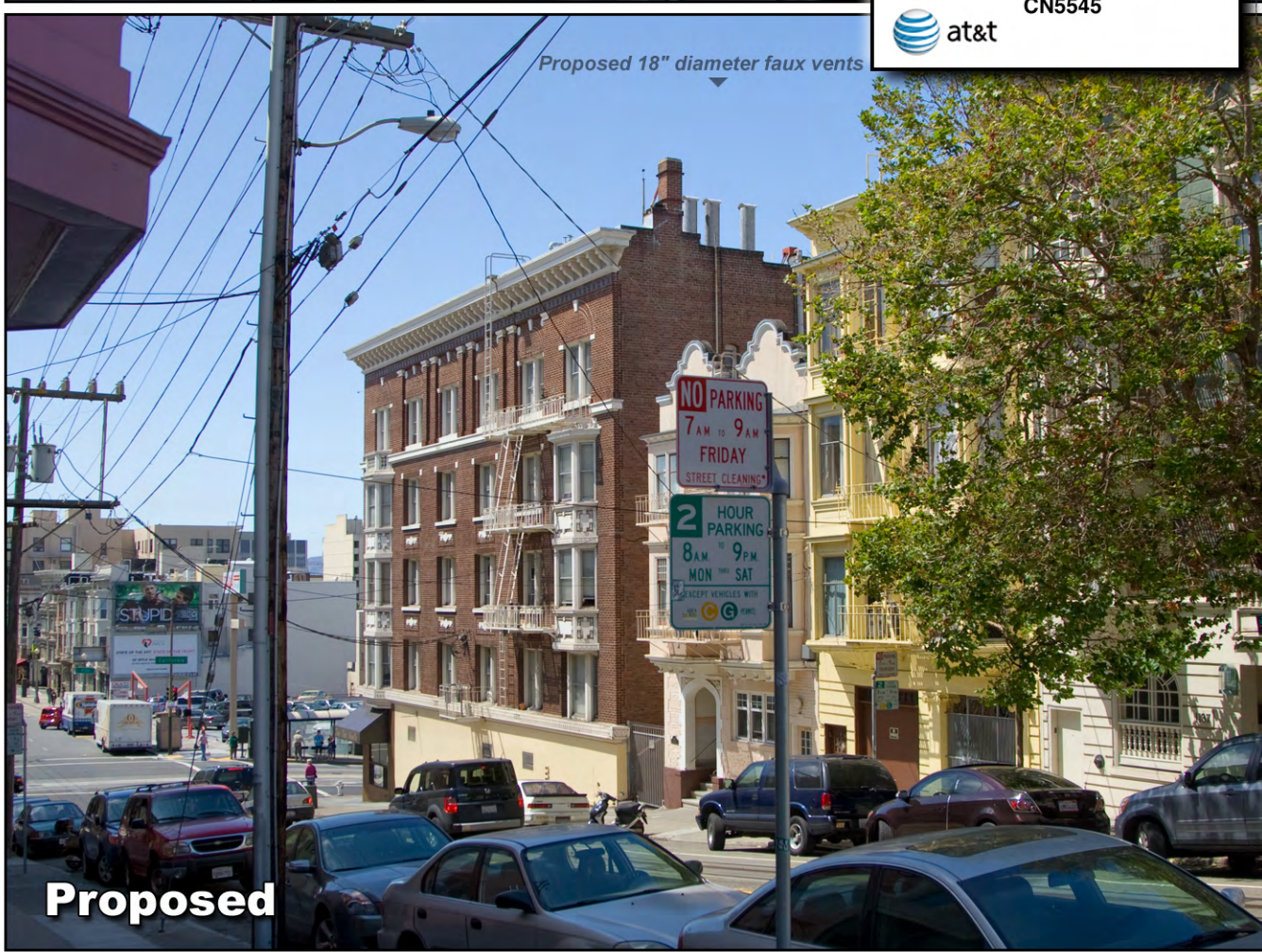
Photosimulation of view looking south from Hyde Street, 150 feet from the nearest corner of the building.



Existing

Thai Thai Noodle

1408 California St
San Francisco, CA 94109
CN5545



Proposed 18" diameter faux vents

Proposed

Photosimulation of view looking northeast from across California Street, exactly 150 feet from the nearest corner of the building.

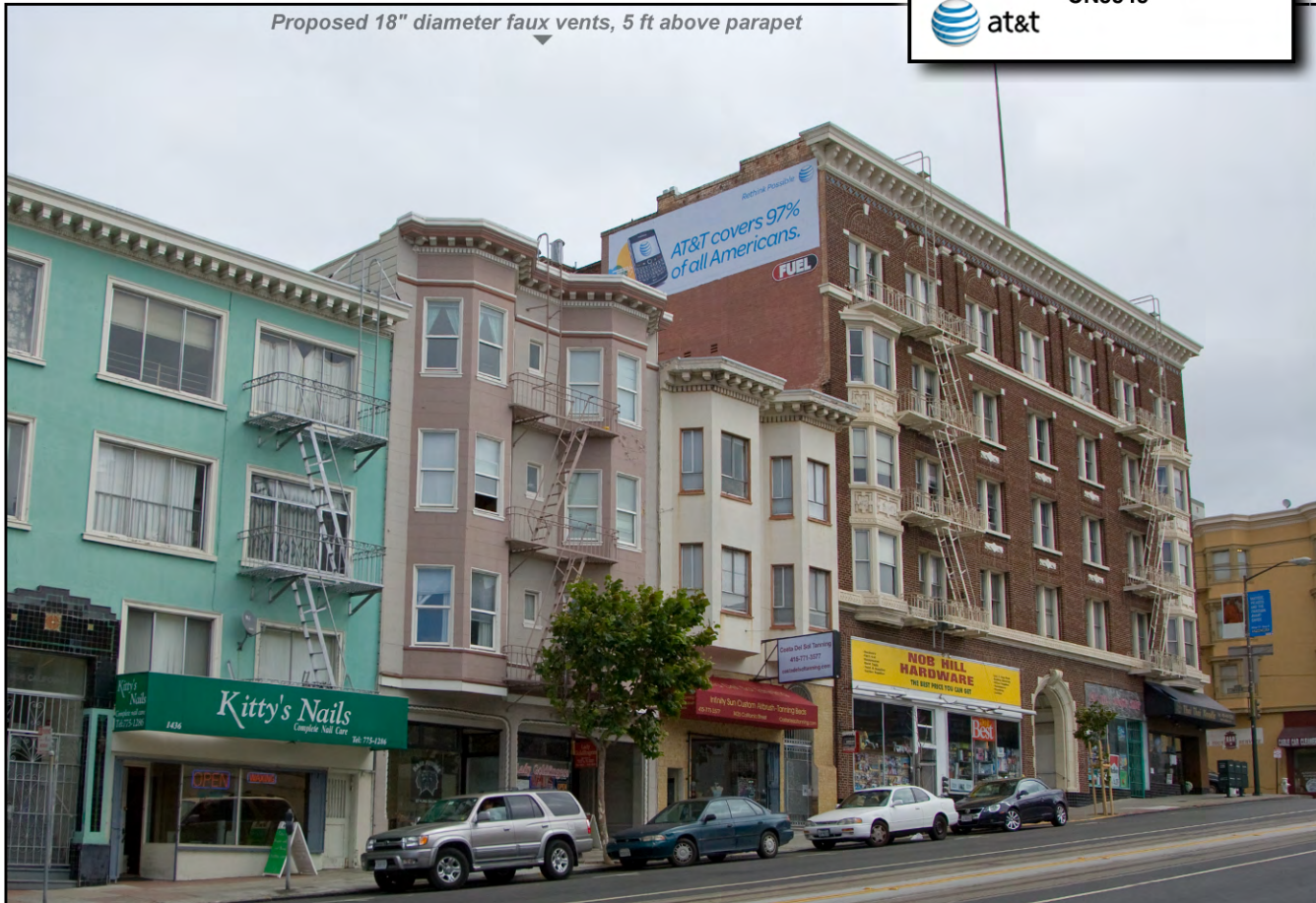


Existing

Thai Thai Noodle
 1408 California St
 San Francisco, CA 94109
 CN5545



Proposed 18" diameter faux vents, 5 ft above parapet



Proposed

PLEASE NOTE: Only one vent is visible in this view. The other two vents in this sector become visible beyond 180 ft from the building.

C. Location Preference

Location Preference

According to the City and County of San Francisco's Wireless Telecommunications Services Facilities Siting Guidelines, dated August 15, 1996, the subject facility is considered to be a Preference 6 location.

Preference Level 6 locations are defined as follows: Limited Preference Sites: Individual Neighborhood Commercial Districts subject to Sections 714.1 through 729.1 and 781.1 through 781.7 of the Planning Code, NC-1 Districts, and RM-4 Districts.

Site Justification

The subject building is occupied by a five-story mixed commercial and residential use structure within the Polk Street Neighborhood Commercial district located in the center of the defined search area provided by the AT&T Mobility network engineers.

The proposed facility would provide the desired service as it is on the northwest corner of California and Hyde Streets. The location and height of the subject building provides an unobstructed line-of-sight to the proposed service coverage area. The proposed antennas would be screened behind radio frequency transparent enclosures designed to resemble vent pipes, located on the roof of the existing building so that the antennas are completely screened from public view. The associated equipment cabinets are to be located in the basement of the subject building and not visible from public view. Please refer to attached photo simulations. Due to its line-of-sight to the defined service objective, the subject site is the least intrusive means by which AT&T Mobility can close the existing significant service coverage gap. The improved signal quality and capacity for the proposed geographic service area are shown on the attached service maps.

The Polk Street Neighborhood Commercial zoning district extends to each corner of California and Hyde Streets continuing west on California Street beyond Polk Street before Van Ness Avenue. The majority of the buildings within this district are used as three- to six-story mixed commercial and residential buildings and one to two story wholly commercial buildings. To the north and east of the subject lot, surrounding the Polk Street NCD is the RM-3 (Residential, Mixed – Medium Density) zoning district. The buildings within this zoning district are used as five- to six-story, wholly residential buildings and are considered Disfavored Sites according to the WTS Guidelines. To the south is the RC-4 (Residential, Commercial – High Density) zoning district. The building use within this zoning district is three to four stories, mixed residential and commercial buildings.

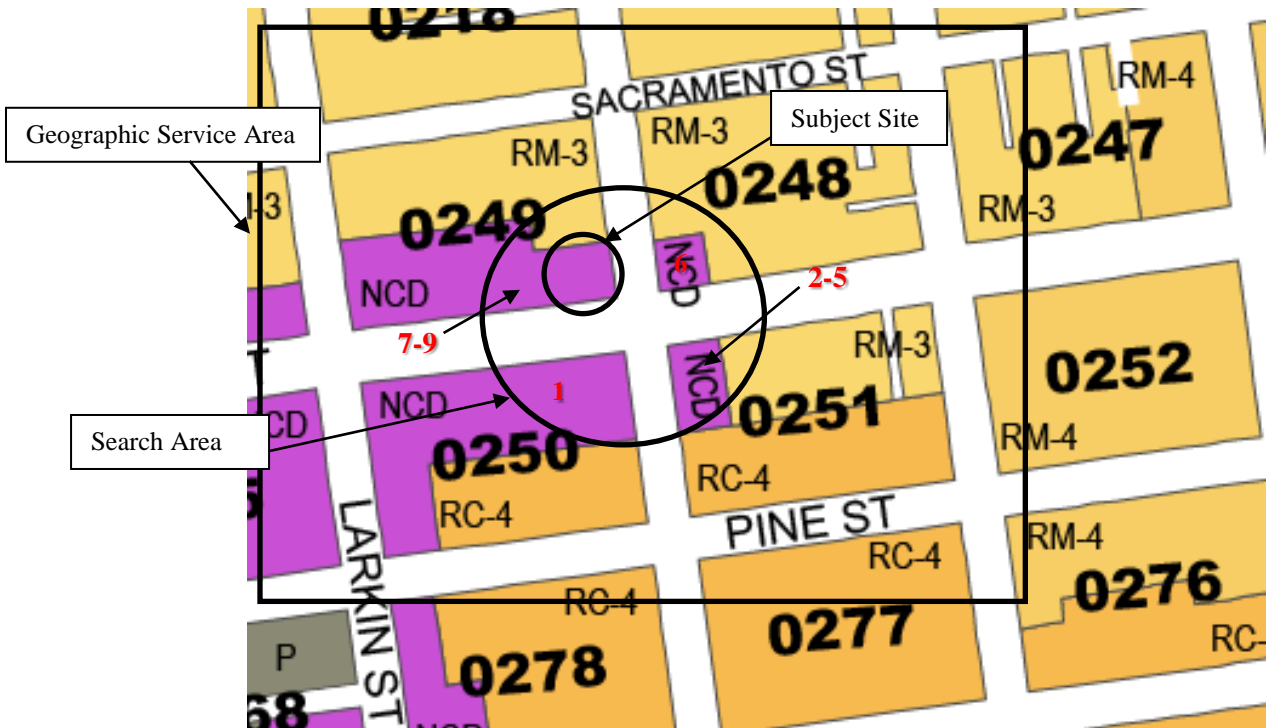
The subject building is located on the northwest corner of California and Hyde Streets where the majority of the buildings to the south, east and west are mixed residential and commercial units and wholly residential units to the north. The residential units directly adjacent to the north are located in the RM-3 (Medium Density) zoning district. The buildings are approximately four- to six-stories tall with the exception of the three-story building directly adjacent to the subject building. The subject building is five-stories tall and is at the bottom of an incline as the topography increases to the north. Due to the elevation change and the height of the buildings in

the neighborhood, the antennas are minimally visible from the public right-of-way. In addition, the antennas would be installed on the roof, designed to resemble vent pipes typically found on rooftops in the area and setback from the building's edge therefore further minimizing the aesthetic impacts to the adjacent RM-3 zoning district.

Alternative Site Locations Evaluated

In order to achieve the service goals as previously defined, AT&T Mobility network engineers considered site locations in the area defined by the search ring in the previously attached "Service Improvement Objective" map. The area within the search ring is primarily comprised of commercial and high-density residential buildings. Given the height of the subject building and line-of-sight as described above, the subject building and nearby uses are compatible with the proposed facility. Below are alternative site locations evaluated by the AT&T Mobility network engineers and site acquisition team.

Alternative Site Locations Maps



	Location	Block/ Lot	Zoning District	Building Type	WTS Siting Preference	Meets Network Objectives	Compatible to Community	Willing Landlord
1	1401 California	0250/ 001	Polk Street NCD	Wholly Commercial	6	No	No (Design)	Unknown
2	1036-1038 Hyde	0251/ 019	Polk Street NCD	Mixed Use	6	No	No (Design)	Unknown
3	1040 Hyde	0251/ 046	Polk Street NCD	Mixed Use	6	Yes	No (Design)	Unknown
4	1054-1058 Hyde Street	0251/ 022	Polk Street NCD	Mixed Use	6	Yes	No (Design)	Unknown
5	1060-1068 Hyde	0251/ 023	Polk Street NCD	Mixed Use	6	No	No (Design)	Unknown
6	1388 Hyde Street	0251/ 014	Polk Street NCD	Mixed Use	6	No	No (Design)	Yes
7	1436 California Street	0249/ 009A	Polk Street NCD	Mixed Use	6	No	No (Design)	Unknown
8	1430 California Street	0249/ 009	Polk Street NCD	Mixed Use	6	No	No (Design)	Unknown
9	1422-1426 California Street	0249/ 008	Polk Street NCD	Mixed Use	6	No	No (Design)	Unknown

**Alternative Site Location #1
1095 Hyde Street**



The building at 1095 Hyde Street is a wholly commercial building located in the Polk Street Neighborhood Commercial District and is considered a Preference 6 Location according to the WTS Guidelines. The subject parcel has a project on file with the City of San Francisco where the building is posed for demolition. In addition, the current roofline creates difficulty in designing a roof-mounted facility that would incorporate into the building and constructability.

The Proposed Location at 1408 California Street would be able to accommodate an antenna design that is compatible with the scale and character of the neighborhood. Therefore, it was determined that this alternative was not a suitable location for a roof mounted wireless facility.

**Alternative Site Location #2
1036-1038 Hyde Street**



The building at 1036-1038 Hyde Street is a mixed residential and commercial building located in the Polk Street Neighborhood Commercial District therefore considered a Preference 6 Location according to the WTS Guidelines. This building is located on the southern edge of the defined search area and located mid block, limiting the line-of-sight to the defined search area down California Street toward the east toward Leavenworth Street and to the west toward Larkin Street. Line-of-sight is required in order to achieve the desired service objective.

The Proposed Location at 1408 California Street has a line-of-sight to accomplish the defined service objective with an antenna design that is compatible with the scale and character of the neighborhood. Therefore, it was determined that this alternative was not the most suitable location for a roof mounted wireless facility within the defined search area.

**Alternative Site Location #3
1040 Hyde Street**



The building at 1040 Hyde Street is a mixed residential and commercial building located in the Polk Street Neighborhood Commercial district therefore considered a Preference 6 Location according to the WTS Guidelines. This building is located on the southern edge of the defined search area and is mid block, limiting the line-of-sight to the defined search area down California Street toward the east toward Leavenworth Street and to the west toward Larkin Street. Line-of-sight is required in order to achieve the desired service objective.

The Proposed Location at 1408 California Street has a line-of-sight to accomplish the defined service objective with an antenna design that is compatible with the scale and character of the neighborhood. Therefore, it was determined that this alternative was not the most suitable location for a roof mounted wireless facility within the defined search area.

**Alternative Site Location #4
1054-1058 Hyde Street**



The building at 1054-1058 Hyde Street is a mixed residential and commercial building located in the Polk Street Neighborhood Commercial Zoning district therefore considered a Preference 6 Location according to the WTS Guidelines. The building is located mid block within the search ring. Due to its location, the subject building has a limited line-of-sight to the east toward Leavenworth and to the west toward Larkin Street. Line-of-sight is required in order to achieve the defined service objective.

The Proposed Location at 1408 California is located in the center of the defined search area and therefore has a line-of-sight to accomplish the defined service objective with an antenna design that is compatible with the scale and character of the neighborhood. Therefore, it was determined that this alternative was not the most suitable location for a roof mounted wireless facility within the defined search area.

**Alternative Site Location #5
1060-1068 Hyde Street**



The building at 1060-1068 Hyde Street is a wholly commercial building located in the Polk Street Neighborhood Commercial zoning district therefore considered a Preference 6 Location according to the WTS Guidelines. This building has a line-of-sight that is blocked toward the north, south and east are blocked by buildings approximately one to two stories taller. In order to achieve line-of-sight the height of the antenna structure would need to increase the height of the building approximately two-stories. Line-of-sight is required in order to achieve the defined service objective.

The Proposed Location at 1408 California Street has a line-of-sight to accomplish the defined service objective with an antenna design that is compatible with the scale and character of the neighborhood. The antennas at this location would increase the height of the building approximately six feet providing for a less significant visual impact to the public. Therefore, it was determined that this alternative was not the most suitable location for a roof mounted wireless facility within the defined search area.

**Alternative Site Location #6
1388 California Street**



The building at 1390 California Street is a mixed residential and commercial building located in the Polk Street Neighborhood Commercial Zoning district therefore considered a Preference 6 Location according to the WTS Guidelines. This building was considered a candidate for the proposed AT&T Mobility wireless telecommunication facility; however, the AT&T radio frequency engineers determined this building would not be a suitable candidate due to restrictions of the antenna design. Therefore, it was determined that this alternative was not a suitable location for a roof mounted wireless facility.

**Alternative Site Location #7
1436 California Street**



The building at 1436 California Street is a mixed residential and commercial building located in the Polk Street Neighborhood Commercial Zoning district therefore considered a Preference 6 Location according to the WTS Guidelines. Line-of-sight is required in order to achieve the defined service objective. Due to the increase of elevation to the east, line-of-sight is blocked by a taller building approximately two stories taller. In order to achieve line-of-sight, an antenna structure would increase the height of the building approximately two and a half stories. A vertical addition of this height would not be consistent with the existing mass and scale of the building and subject blockface. .

The Proposed Location at 1408 California Street has a line-of-sight to accomplish the defined service objective with an antenna design that is compatible with the scale and character of the neighborhood. The antennas at this location would increase the height of the building approximately six feet providing for a less significant visual impact to the public. Therefore, it was determined that this alternative was not the most suitable location for a roof mounted wireless facility within the defined search area.

**Alternative Site Location #8
1430 California Street**



The building at 1430 California Street is a mixed residential and commercial building in the Polk Street Neighborhood Commercial zoning district therefore considered a Preference 6 Location according to the WTS Guidelines. Due to the increase of elevation to the east, line-of-sight is blocked by a taller building approximately two stories taller. Line-of-sight is required in order to achieve the defined service objective. In order to achieve line-of-sight, an antenna structure would increase the height of the building approximately two and a half stories. A vertical addition of this height would not be consistent with the existing mass and scale of the building and subject blockface

The Proposed Location at 1408 California Street has a line-of-sight to accomplish the defined service objective with an antenna design that is compatible with the scale and character of the neighborhood. The antennas at this location would increase the height of the building approximately six feet providing for a less significant visual impact to the public. Therefore, it was determined that this alternative was not a suitable location for a roof mounted wireless facility.

**Alternative Site Location #9
1422-1426 California Street**

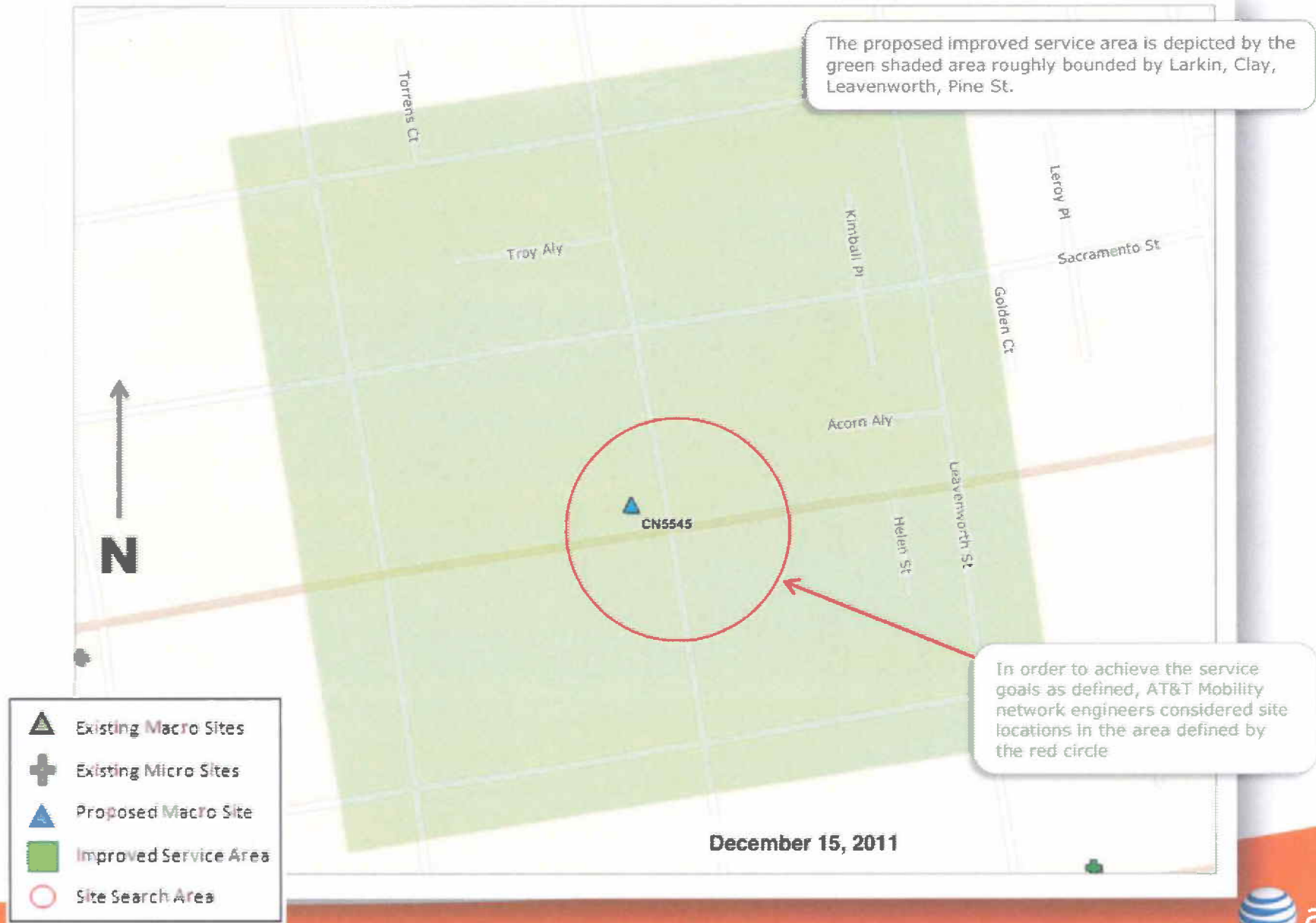


The building at 1422-1426 California Street is a mixed residential and commercial building in the Polk Street Neighborhood Commercial zoning district therefore considered a Preference 6 Location according to the WTS Guidelines. Due to the increase of elevation to the east, line-of-sight is blocked by a taller building approximately two stories taller. In order to achieve line-of-sight, an antenna structure would increase the height of the building approximately two and a half stories. Line-of-sight is required in order to achieve the defined service objective.

The Proposed Location at 1408 California Street has a line-of-sight to accomplish the defined service objective with an antenna design that is compatible with the scale and character of the neighborhood. The antennas at this location would increase the height of the building approximately six feet providing for a less significant visual impact to the public. Therefore, it was determined that this alternative was not a suitable location for a roof mounted wireless facility.

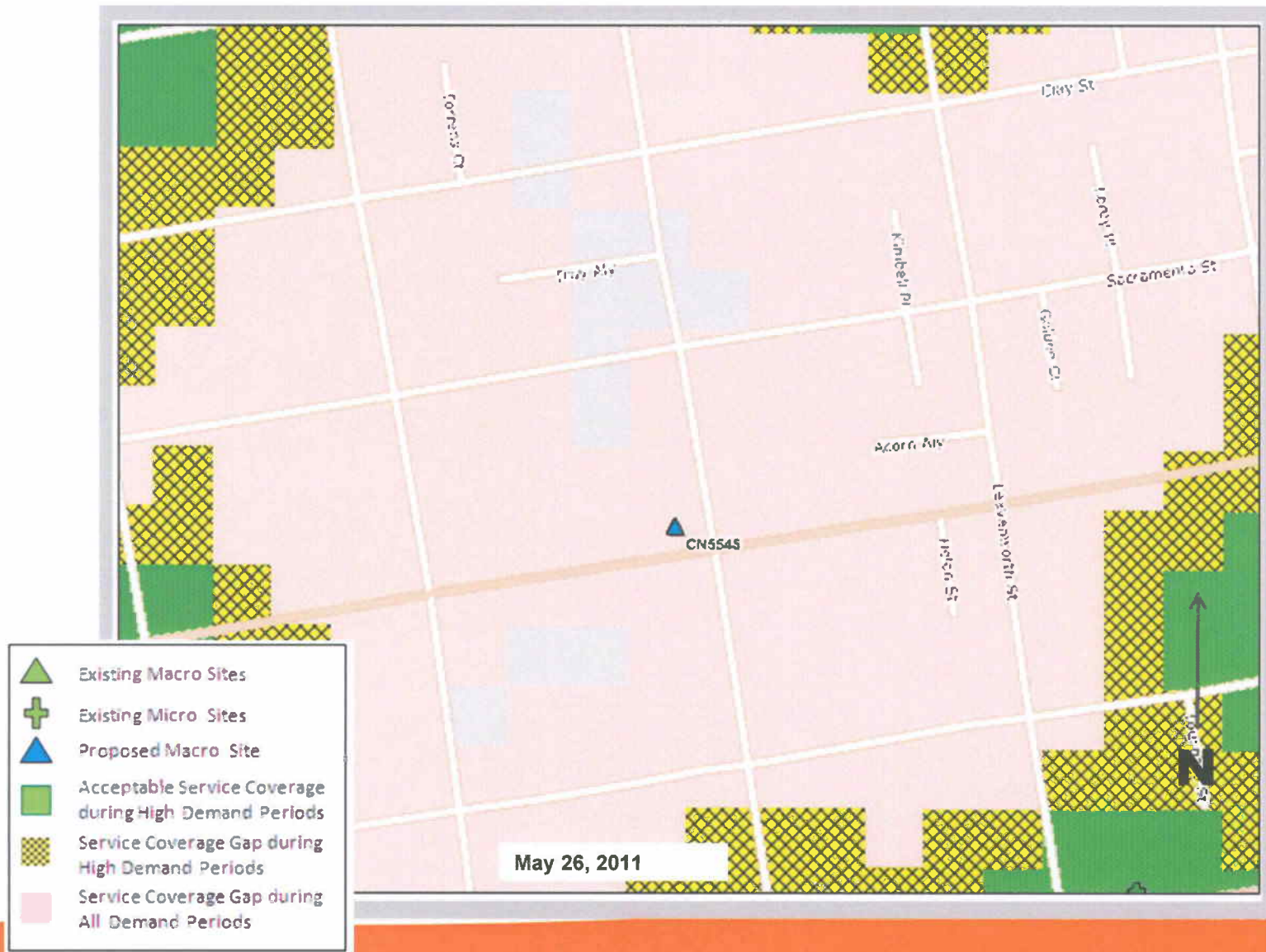
Service Improvement Objective (CN5545)

1400 California St



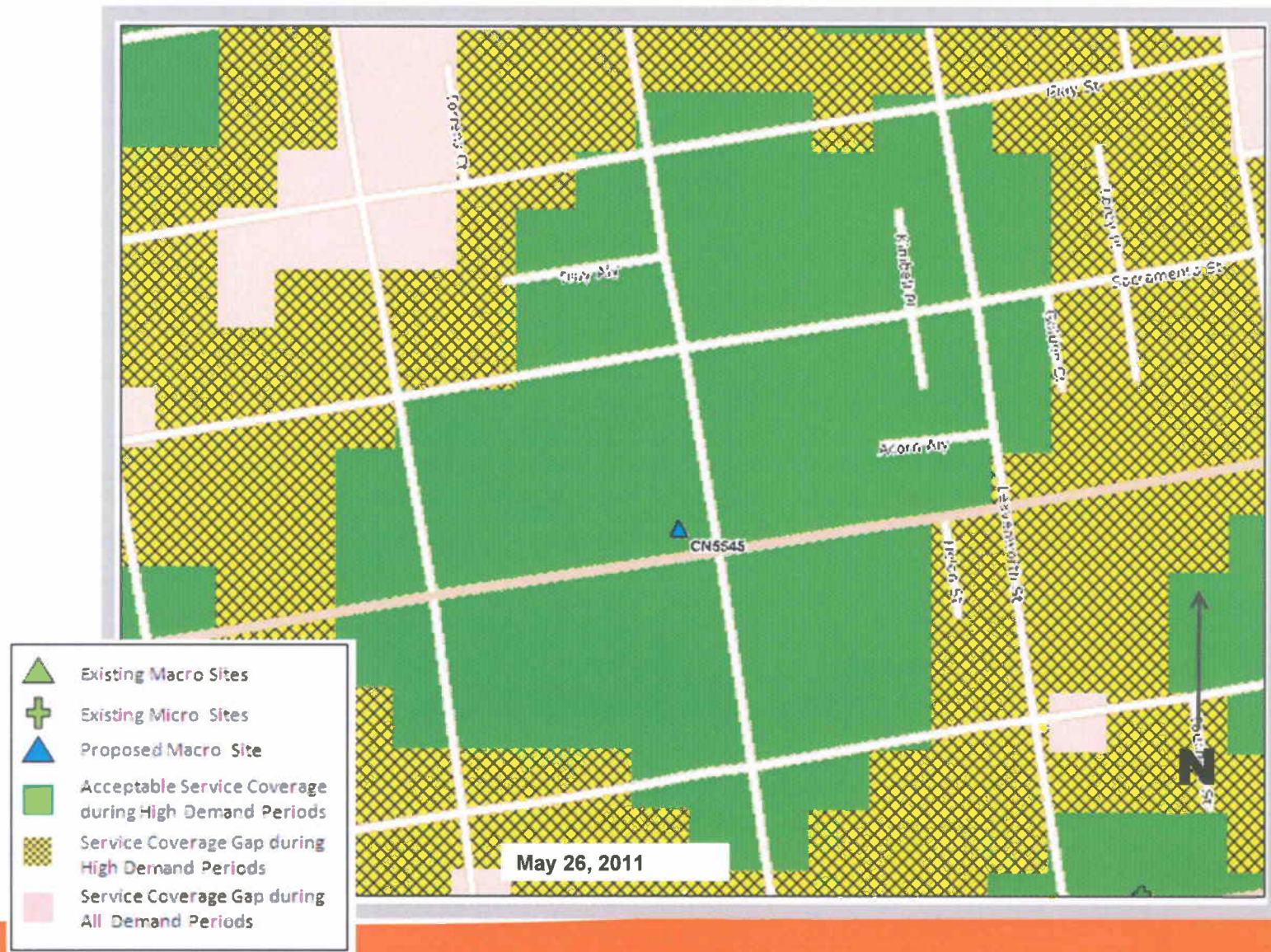
Proposed Site at 1408 California St (CN5545)

Service Area BEFORE site is constructed



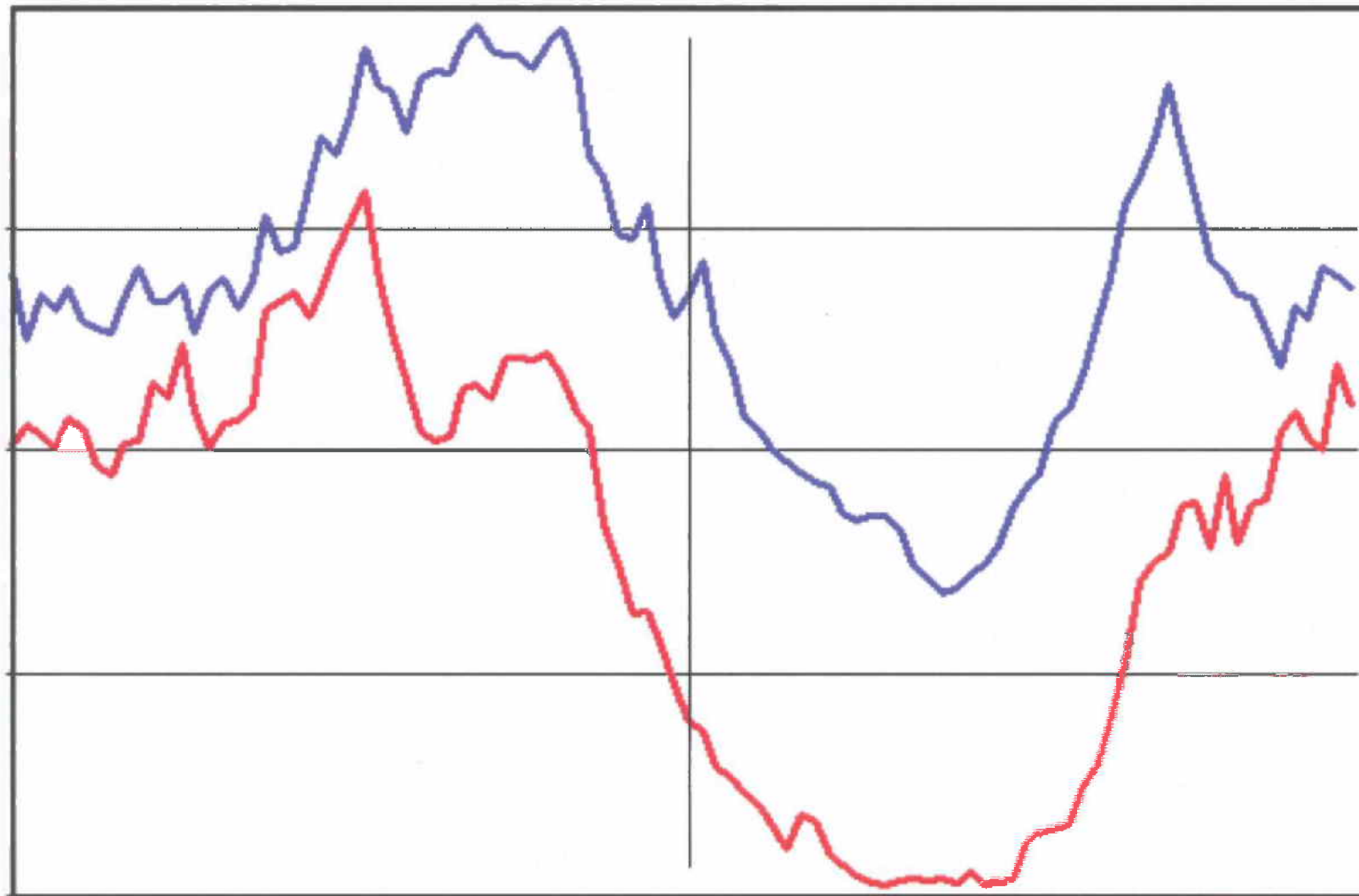
Proposed Site at 1408 California St (CN5545)

Service Area AFTER site is constructed



Current 24-Hour Traffic Profile for the Location of CN5545

— Data Traffic
— Voice Traffic

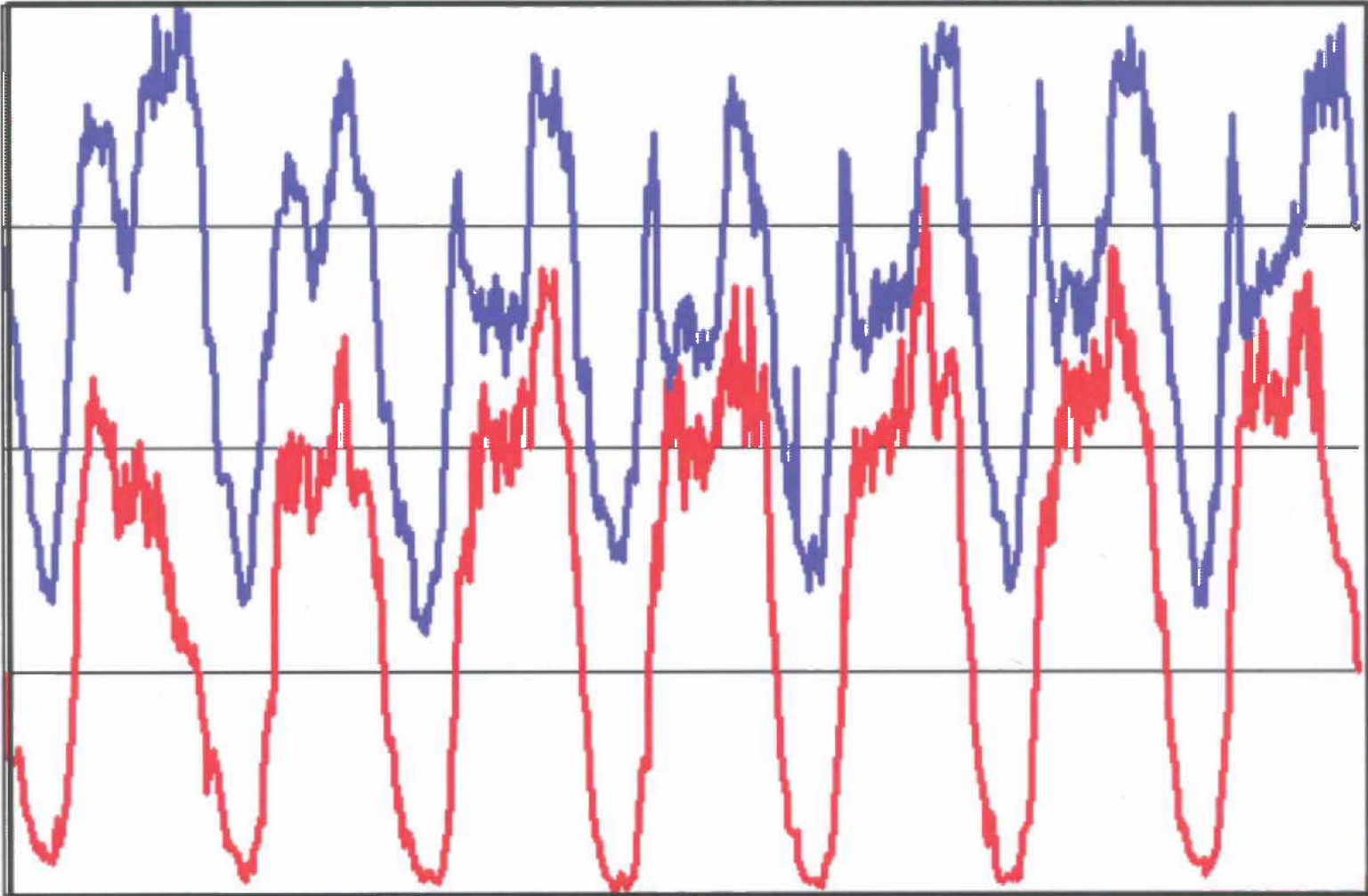


Noon

Midnight

Current 7-Day Traffic Profile for the Location of CN5545

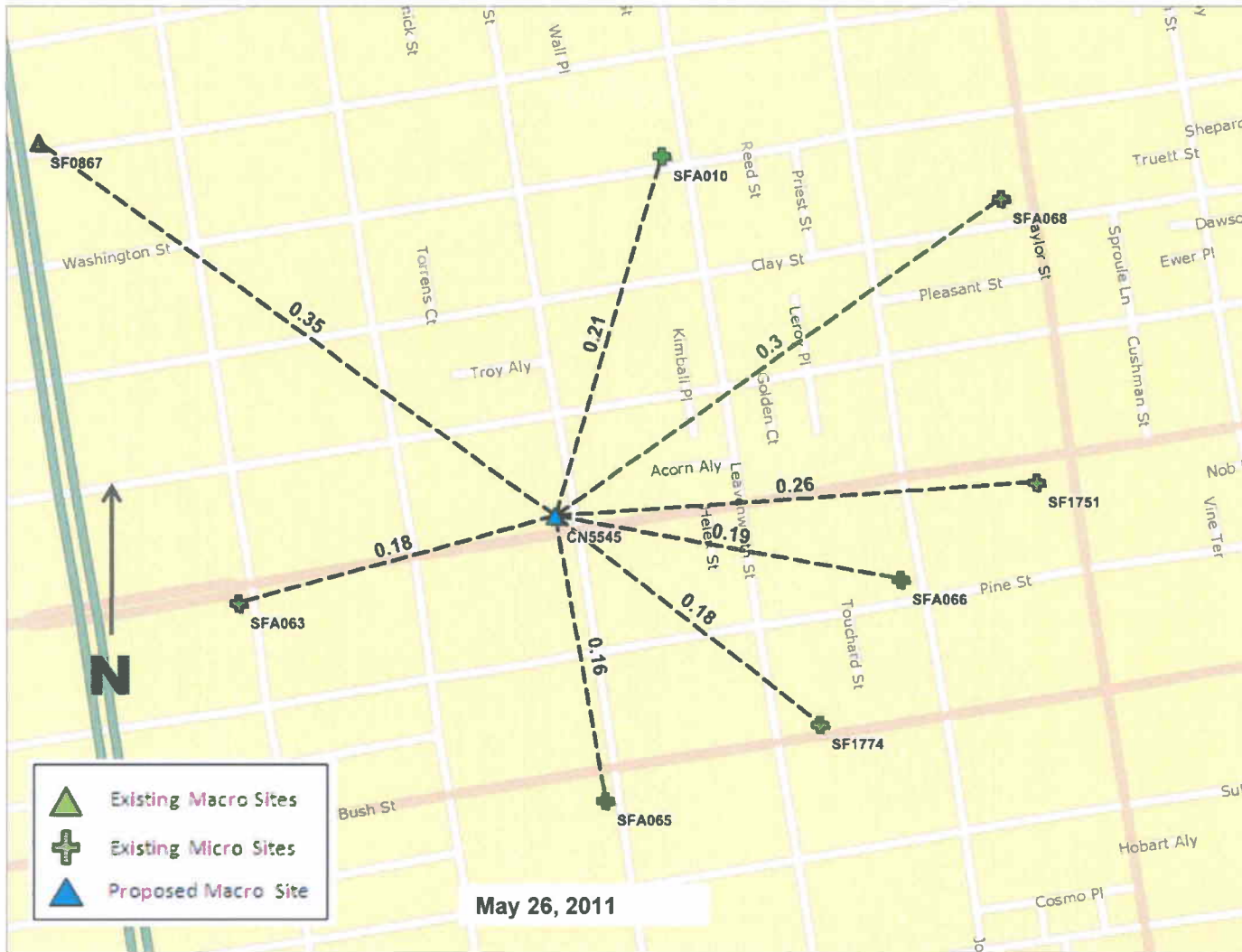
— Data Traffic
— Voice Traffic



November 18, 2011



Existing Surrounding Sites at 1408 California CN5545





Review of Cellular Antenna Site Proposals

Project Sponsor : AT&T Wireless **Planner:** Michelle Stahlhut
RF Engineer Consultant: Hammett and Edison **Phone Number:** (707) 996-5200
Project Address/Location: 1408 California St
Site ID: 1405 **SiteNo.:** CN5545D

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: 4950 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: 4950 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 10.4.1d)

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 $\mu\text{w}/\text{cm}^2$)
 Maximum RF Exposure: 0.02 mW/cm^2 Maximum RF Exposure Percent: 3

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: 51
 Occupational_Exclusion_Area Occupational Exclusion In Feet: 17

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 1408 California 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 9 new antennas. The antennas will be mounted at a height of about 67 feet above the ground. The estimated ambient RF field from the proposed AT&T Wireless transmitters at ground level is calculated to be 0.02 mW/sq cm., which is 3 % of the FCC public exposure limit. The three dimensional perimeter of RF levels equal to the public exposure limit extends 51 feet which includes areas of the rooftop but does not reach any publicly accessible areas. Warning signs must be posted at the antennas and roof access points in English, Spanish and Chinese. Worker should not have access to within about 17 feet of the front of the antennas while they are in operation. Barricades and rooftop striping should be installed per the report in order to prevent public and occupational access to these areas.

 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: 11/17/2011

Patrick Fosdahl

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

**AT&T Mobility • Proposed Base Station (Site No. CN5545D)
1408 California 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. CN5545D) proposed to be located at 1408 California 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
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	2.35	0.47
[most restrictive frequency range]	30–300	1.00	0.20

The site was visited by Rajat Mathur, P.E., a qualified engineer on November 9, 2011, a non-holiday weekday, and reference has been made to information provided by AT&T, including zoning drawings by Ericsson, dated August 18, 2011.

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.

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.

**AT&T Mobility • Proposed Base Station (Site No. CN5545D)
1408 California Street • San Francisco, California**

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

AT&T proposes to install nine Powerwave Model P65-15-XLH-RR directional panel antennas within individual cylindrical enclosures, configured to resemble vent pipes, above the roof of the five-story mixed-use building located at 1408 California Street. Six antennas would be set back 8 feet from the edges of the building facade above the northeast corner and south side of the roof, and three antennas would be set back about 4½ feet from the edge of the building above the northwest corner of the roof. The antennas would be mounted with up to 6° downtilt at effective heights of at least 67 feet above ground, 4½ feet above the roof, and would be oriented in groups of three toward 0°T, 140°T, and 260°T.

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 4,950 watts, representing simultaneous operation at 2,570 watts for PCS, 1,490 watts for cellular, and 890 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 proposed antennas to be installed as described in Item 4 above. There were noted buildings of similar height in several directions; all adjacent buildings were shorter.

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 ambient RF exposure level due to the proposed AT&T operation is calculated to be 0.020 mW/cm², which is 3.0% of the applicable public exposure limit. Ambient RF levels at the site are therefore estimated to be below 4% of the limit. The maximum calculated level at any nearby building would be 21% of the public exposure limit. The three-dimensional perimeter of RF levels equal to the public exposure limit is calculated to extend up to 51 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.

9. Describe proposed signage at site.

It is recommended that barricades be erected, as shown in Figure 1 attached, to preclude public access to areas between the antennas and the roof edge. To prevent occupational exposures in excess of the



**AT&T Mobility • Proposed Base Station (Site No. CN5545D)
1408 California Street • San Francisco, California**

FCC guidelines, no access within those areas, 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” inside the barricades with red paint stripes out to the edge of the roof in front of the antennas and posting explanatory warning signs* at the barricades and/or at the antennas, such that the signs would be readily visible from any angle of approach to persons who might need to work within that distance, would be sufficient to meet FCC-adopted guidelines.

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, 2013. This work has been carried out under his direction, and all statements are true and correct of his own knowledge except, where noted, when data has been supplied by others, which data he believes to be correct.

Conclusion

Based on the information and analysis above, it is the undersigned’s professional opinion that operation of the base station proposed by AT&T Mobility at 1408 California Street in San Francisco, California, can comply with the prevailing standards for limiting public exposure to radio frequency energy and, therefore, need not for this reason cause a significant impact on the environment. The highest calculated level in publicly accessible areas is much less than the prevailing standards allow for exposures of unlimited duration. This finding is consistent with measurements of actual exposure conditions taken at other operating base stations. Erecting barricades is recommended to establish compliance with public exposure limitations; marking roof areas and posting explanatory signs is recommended to establish compliance with occupational exposure limitations.

November 10, 2011



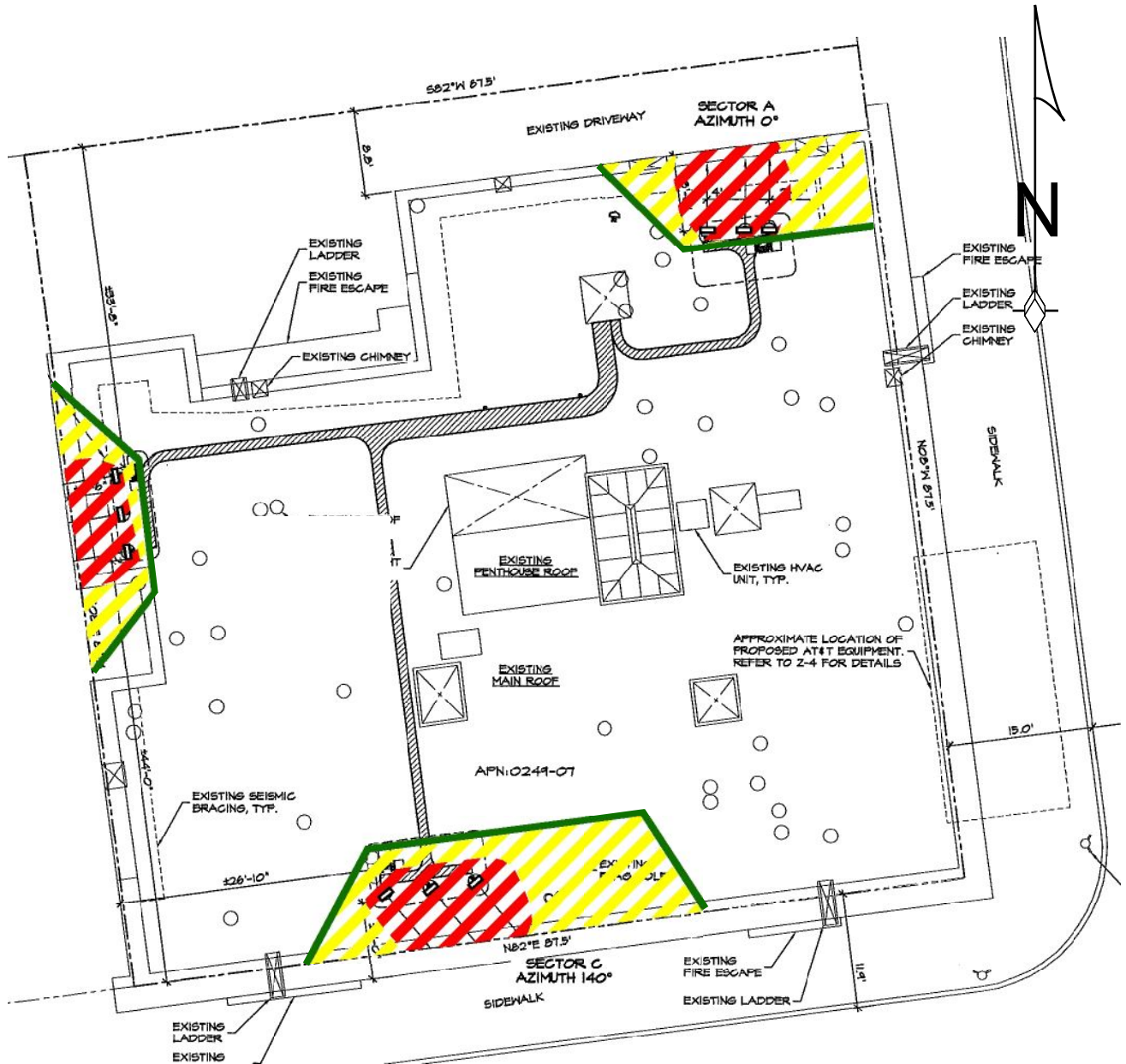
William F. Hammett
William F. Hammett, P.E.
707/996-5200

* 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.



AT&T Mobility • Proposed Base Station (Site No. CN5545D)
 1408 California Street • San Francisco, California

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



Notes:
 Base drawing from TRK Engineering, Ltd., dated August 18, 2011.
 Barricades should be erected to preclude access by the public to areas in front of the antennas.
 “Prohibited Access Areas” should be marked with red paint stripes and explanatory warning signs should be posted outside the areas, readily visible to authorized workers needing access. See text.



August 11, 2011

Aaron Hollister, Planner
San Francisco Department of Planning
1650 Mission Street, 4th Floor
San Francisco, CA 94103

Re: Community Meeting for proposed AT&T Mobility facility at 1400-1408 California Street

Dear Mr. Hollister,

On August 10, 2011, AT&T Mobility conducted a community outreach meeting regarding the proposed wireless facility at 1400-1408 California Street (2011.0566 C). The meeting was held at The Grace Cathedral, Chapter Room, 1100 California Street at 7:00 p.m. Notification of the outreach meeting was sent out on July 27, 2011 to 2,062 owners and tenants within 500 feet of the proposed installation and 25 neighborhood organizations.

I conducted the meeting for AT&T Mobility as the project sponsor along with Jason Chan of AT&T's External Affairs, and Bill Hammett, a radio-frequency engineer with Hammett and Edison, Inc. who was there to answer any questions regarding the EMF emissions from the proposed wireless facility. There were approximately fifteen (15) members of the community who attended the meeting. The comments AT&T received via email on July 6th on the proposed design were discussed as well as the proposed revisions. Various questions were asked regarding the facility; including the methodology behind AT&T locating a facility, construction requirements, noise, service impacts to AT&T customers, etc. Several of those in attendance expressed concern about the proposed facility based on the perceived impact of EMF emissions.

Please contact me if you have any questions or concerns.

Sincerely,

A handwritten signature in black ink, appearing to read "Amy Million".

Amy Million
KDI Planning
representing AT&T Mobility

Attachments:

Affidavit of Conducting a Community Outreach Meeting
Community Meeting Notice
Sign-up Sheet

Affidavit of Conducting a Community Outreach Meeting

I, Amy Million, do hereby declare as follows:

(print name)

1. I have conducted a **Community Outreach Meeting** for the proposed wireless telecommunication facility in accordance with Planning Commission Resolution No. 16539.
2. The meeting was conducted at the Grace Cathedral, Chapter Room, 1100 California Street (location/address) on August 10, 2011 (date) from 7pm – 9 pm (time).
3. I have included the **meeting initiation, sign-in sheet and issue/response summary** with this affidavit and a copy of the **mailing list and reduced plans** with the Conditional Use Application. I understand that I am responsible for the accuracy of this information and that erroneous information may lead to suspension or revocation of the permit.
4. I have prepared these materials in good faith and to the best of my ability.

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

EXECUTED ON THIS DAY, August 11, 2011 IN SAN FRANCISCO



Signature

Amy Million, KDI

Name (type or print)

Agent representing AT&T Mobility

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

1400-1408 California Street

Project Address



**Thai Thai Noodle Community Meeting
August 10, 2011**

Name	Address	Phone/Email
Charles Lindo	1408 California	chuckethamer@compProfessionals.com
Colin Ekamp	1590 SACRAMENTO ST	
Vivian Perez	1590 Sacramento St.	
Dally Fredrick	1408 California St.	
EFREN URZUA	1408 California st.	(415) 722-8611 / ef.urzua@yahoo.com
GARY NEAR	1408 California	gjNEAR2001@yahoo.com
John Chui		
Jan Pli Zin	1370 CA ST #209	(415) 282-4957
Tanya Ashur	1127 Hyde St. #4	Washaw2000@yahoo

NOTICE OF NEIGHBORHOOD MEETING

To: Neighborhood Groups and Neighbors & Owners within 500' radius of 1408 California Street

Meeting Information

Date: **Wednesday** August 10, 2011
Time: 7:00 p.m.
Where: Grace Cathedral
Chapter Room
1100 California Street
San Francisco, CA

Site Information

Address: 1408 California Street
Block/Lot 0249 / 007
Zoning: Polk Street NCD

Applicant

AT&T Mobility

Contact Information

AT&T Mobility Hotline
(415) 646-0972

AT&T Mobility is proposing a wireless communication facility at 1408 California 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 of the installation of nine (9) panel antennas. The antennas will be placed behind new radio frequency transparent vent pipes on the roof of the building so that they are not visible to the public. The associated equipment would be located within the building on the basement level. Plans and photo simulations will be available for your review at the meeting. You are invited to attend an informational community meeting located at Grace Cathedral, 1100 California Street on Wednesday August 10, 2011 at 7:00 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 Aaron Hollister, staff planner with the City of San Francisco Planning Department at (415) 575-9078 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 Monday, August 8, 2011 and we will make every effort to provide you with an interpreter.

NOTIFICACIÓN DE REUNIÓN DE VECINDARIO

Para: Grupos del vecindario, vecinos y propietarios dentro de un radio de 500' de 1408 California Street

Información de la reunión

Fecha: **Miércoles** 10 de agosto de 2011
Hora: 7:00 p.m.
Dónde: Grace Cathedral
Chapter Room
1100 California Street
San Francisco, CA

Información del lugar

Dirección: 1408 California Street
Cuadra/Lote 0249/007
Zonificación: Polk Street NCD

Solicitante

AT&T Mobility

Información de contacto

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

AT&T Mobility propone instalar una instalación de comunicaciones inalámbricas en 1408 California Street necesaria para AT&T Mobility como parte de su red inalámbrica en San Francisco. La ubicación propuesta de AT&T Mobility es una instalación sin personal que consiste en la instalación de nueve (9) antenas panel. Las antenas se colocarán detrás de las nuevas tuberías de ventilación transparentes de radio frecuencia en el techo del edificio para que no se vean. El equipo asociado estará ubicado dentro del edificio en el sótano. 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 Grace Cathedral, 1100 California Street, el miércoles 10 de agosto de 2011 a las 7:00 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 Aaron Hollister, planificador de personal, en el Departamento de Planificación de la Ciudad de San Francisco al (415) 575-9078 si tiene alguna pregunta relacionada con el proceso de planificación.

NOTA: Si necesita que un intérprete esté presente en la reunión, por favor, contacte a nuestra oficina al (415) 646-0972 antes del lunes 08 de agosto de 2011 a las 5:00 p.m., y haremos todos lo posible para proporcionarle un intérprete.

社區會議通知

致：California 街 1408 號周圍五百英尺內的居民組織、居民和業主

會議資訊

日期：2011 年 8 月 10 日 (星期三)
時間：下午 7:00
地點：加利福尼亞州三藩市 California 街
1100 號 Grace Cathedral 的 Chapter Room

設施地點資訊

地址：California 街 1408 號
街區 / 地段：0249/007
分區：Polk 街 NCD

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 California 街 1408 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 AT&T Mobility 設施為無人操作設施，需要安裝九(9) 根平板天線。這些天線將被放置在該建築屋頂新安裝的射頻透明通風管後面，公眾從外面看不到這些天線。相關設備將被放置在該建築的地下室內。我們在會上將提供計畫書和類比圖片供您參考。我們誠邀您參加定於 2011 年 8 月 10 日 (星期三) 下午 7:00 在 California 街 1100 號 Grace Cathedral 的 Chapter Room 召開的社區通氣會，以便您瞭解有關本專案的更多資訊。

如果您對該計畫有任何疑問，但是無法出席這次會議，請撥打 AT&T Mobility 公司熱線電話(415) 646-0972，AT&T Mobility 公司的一位專業人員將會回復您的電話。如果您對本規劃程式有任何疑問，請致電 (415) 575-9078 與三藩市城市規劃局專案規劃員 Aaron Hollister 聯繫。

注意：如果您需要一名翻譯陪同您出席會議，請在不晚於 2011 年 8 月 8 日 (星期一) 下午 5 點前致電 (415) 646-0972 與本辦公室聯繫，我們將盡力為您配備一名翻譯。

DRAWING INDEX

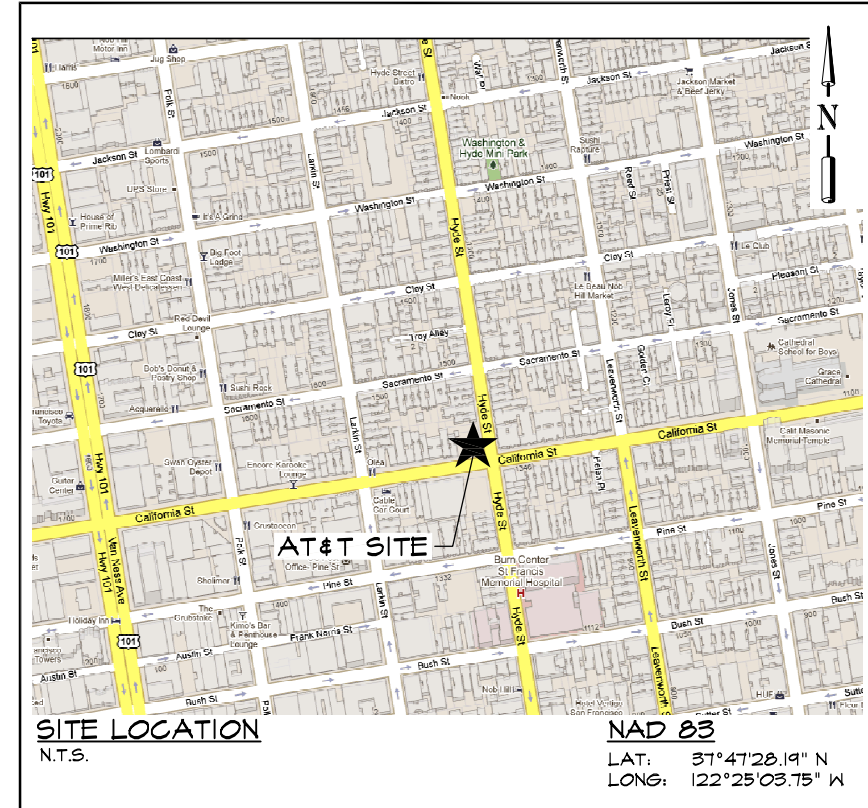
REV. NO.	DWG. NO.	DESCRIPTION
3	Z-1	COVER SHEET
00	LS-1	SITE SURVEY
3	Z-2	SITE PLAN
3	Z-3	ROOF PLAN
3	Z-4	PARTIAL BASEMENT PLAN
3	Z-5	SOUTH ELEVATION
3	Z-6	EAST ELEVATION
3	Z-7	NORTH ELEVATION
3	Z-8	WEST ELEVATION
3	Z-9	EQUIPMENT DETAILS I
3	Z-10	EQUIPMENT DETAILS II
3	Z-11	EQUIPMENT DETAILS III
3	Z-12	RF DETAILS



THAI THAI NOODLE CN5545

DIRECTIONS FROM AT&T'S SAN FRANCISCO OFFICE:

- HEAD EAST ON BUSH ST TOWARD CLAUDE LN 207 FT
- TAKE THE 1ST LEFT ONTO KEARNY ST 0.1 MI
- TAKE THE 2ND LEFT ONTO CALIFORNIA ST 0.7 MI
- ARRIVE AT 1408 CALIFORNIA ST, SAN FRANCISCO, CA



SITE LOCATION
N.T.S.
NAD 83
LAT: 37°47'28.19" N
LONG: 122°25'03.75" W



PROJECT NO: 1159-047
DRAWN BY: M.B.
CHECKED BY: R.M.
CAD FILE: 1159-047Z1

PROJECT ADDRESS:

1408 CALIFORNIA ST
SAN FRANCISCO, CA 94109

APN:

0249-07

DESCRIPTION OF WORK:

THE PROJECT CONSISTS OF THE INSTALLATION OF AN UNMANNED WIRELESS TELECOMMUNICATION FACILITY CONSISTING OF OUTDOOR CABINETS IN THE BASEMENT AND (4) PANEL ANTENNAS SCREENED ON THE ROOFTOP OF AN EXISTING BUILDING.

APPLICANT:

AT&T
430 BUSH STREET,
SAN FRANCISCO, CA 94108

PROPERTY OWNER:

204-II LP HOLDINGS, LLC
RE: 1408 CALIFORNIA STREET
C/O LARAMAR URBAN APARTMENTS PARTNERS
1500 FRANKLIN STREET
SAN FRANCISCO, CA 94109

CODE INFORMATION:

ZONING CLASSIFICATION:	POLK STREET NCD
PROPOSED USE:	TELECOMMUNICATION FACILITY
BUILDING CODE:	2010 SAN FRANCISCO BUILDING CODE
ELECTRICAL CODE:	2010 SAN FRANCISCO ELECTRICAL CODE
OCCUPANCY GROUP:	U
CONSTRUCTION TYPE:	TYPE I
PROJECT AREA:	447 SQ.FT.
STRUCTURE HEIGHT:	±70'-8" A.G.L. (T.O. SHROUD) ±69'-11" A.G.L. (T.O. EXISTING PENTHOUSE ROOF)

PROJECT ENGINEER:

TRK ENGINEERING LTD.
#201 - 17688 66TH AVE
SURREY, BC V3S 7X1, CANADA
CONTACT: RANDY MARKS
TEL: (604) 574-6432
FAX: (604) 574-6431
TOLL FREE: 1-877-345-4045
EMAIL: rmarks@trkeng.com
WEB: www.trkeng.com

SURVEYOR:

TIMOTHY SCHAD, L.S.
10699 ROUND VALLEY RD
GRASS VALLEY, CA. 95949
PHONE: (530) 271-7477
FAX: (530) 271-7377

CONSTRUCTION MANAGER:

ERICSSON
CONTACT: JASON FLUHARTY
PHONE: (916) 300-5519

SITE DEVELOPMENT:

KDI PLANNING
855 FOLSOM ST. SUITE 106
SAN FRANCISCO, CA 94107
CONTACT: JOHN BACCHINI
PHONE: (650) 867-2637

ZONING CONTACT:

KDI PLANNING
855 FOLSOM ST. SUITE 106
SAN FRANCISCO, CA 94107
CONTACT: ERIN WHITNEY
PHONE: (313) 350-3324

JURISDICTION:

CITY AND COUNTY OF SAN FRANCISCO

ACCESSIBILITY:

INSTALLATION IS UNMANNED AND FREQUENTED ONLY BY SERVICE PERSONNEL FOR REPAIR OR MAINTENANCE PURPOSES. INSTALLATION IS NOT FOR HUMAN HABITATION / PUBLIC ACCESS. A.D.A. ACCESSIBILITY IS NOT REQUIRED (2010 SFBC, SECTION 1107B).

APPROVAL LIST

TITLE	SIGNATURE	DATE
CONSTRUCTION MANAGER		
SITE ACQUISITION		
ZONING MANAGER		
RF ENGINEER		
AT&T		

SUBMITTALS

REV	DATE	REVISION
3	AUG 18/11	REVISED PER ERICSSON
2	AUG 02/11	GENERAL REVISIONS
1	MAY 27/11	GENERAL REVISIONS
0	MAY 25/11	100% ZDS
B	MAY 18/11	REVISED PER ERICSSON
A	APR 19/11	ISSUED FOR REVIEW

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A&E SEAL

SITE

THAI THAI NOODLE
CN5545
1408 CALIFORNIA ST
SAN FRANCISCO, CA
94109

SHEET TITLE

COVER SHEET

SHEET NUMBER

Z-1



ROOFTOP / TOPOGRAPHIC SURVEY
1"=10'

LEGEND

---	PROPERTY LINE
---	FLOW LINE
TEL	TELEPHONE LINE
E	ELECTRIC LINE
E&T	ELECTRIC AND TELEPHONE LINES
x	FENCE
⊕	FIRE HYDRANT
⊖	GUY WIRE
⊙	STREET SIGN
⊗	STREET LIGHT
⊕	WATER VALVE
FS	FINISH SURFACE
FL	FLOW LINE
FSR	FINISH SURFACE ROOF
TC	TOP OF CURB
BFC	BOTTOM FACE OF CURB
TW	TOP OF WALL
BW	BOTTOM OF WALL
TBW	TOP BACK OF WALK
⊙	GROUND WELL
⊕	ROOF DRAIN
●	BOLLARD
⊕	VENT

1-A ACCURACY CERTIFICATION

DATE OF SURVEY: APRIL 7, 2011
 SITE NUMBER / NAME: CN5545 "THAI THAI NOODLE"
 TYPE: PROPOSED ROOFTOP INSTALLATION
 SITE ADDRESS: 1408 CALIFORNIA ST., SAN FRANCISCO, CA. 94109

I, TIMOTHY SCHAD, HEREBY CERTIFY THE GEODETIC COORDINATES AT THE CENTERLINE OF THE PROPOSED ANTENNA INSTALLATION TO BE:

LAT = 37° 47' 28.19" N (NAD83) LAT = 37° 47' 28.47" N (NAD27)
 LON = 122° 25' 03.75" W (NAD83) LON = 122° 24' 59.85" W (NAD27)

AND FURTHER CERTIFY THAT THE ELEVATIONS HEREON ARE ABOVE MEAN SEA LEVEL (NAVD-88) AND ARE AS FOLLOWS:

GROUND ELEVATION (@ SOUTHWEST BLDG. COR.): 222.0 FT. NAVD88 (0.0' A.G.L.)
 TOP OF STRUCTURE (TOP PARAPET): 286.0 FT. NAVD88 (64.0' A.G.L.)
 OVERALL HT. / STRUCTURE: 316.3 FT. NAVD88 (94.3' A.G.L.) (TOP FLAGPOLE)

TOP PROPOSED HIGHEST ANTENNA: 292.3 FT. NAVD88 (70.3' A.G.L.)
 TOP PROPOSED RADOME: 292.7 FT. NAVD88 (70.7' A.G.L.)

THE ACCURACY STANDARDS FOR THIS CERTIFICATION ARE AS FOLLOWS:

GEODETIC COORDINATES: +/- FIFTEEN (15) FEET (NAD-83)
 ELEVATIONS: +/- THREE (3) FEET (NAVD-88)

LEGAL DESCRIPTION

PARENT PARCEL

COUNTY OF SAN FRANCISCO, CITY OF SAN FRANCISCO, AND DESCRIBED AS FOLLOWS:
 BEGINNING AT THE POINT OF INTERSECTION OF THE NORTHERLY LINE OF CALIFORNIA STREET, AND THE WESTERLY LINE OF HYDE STREET; RUNNING THENCE WESTERLY ALONG SAID NORTHERLY LINE OF CALIFORNIA STREET 87 FEET AND 6 INCHES; THENCE AT A RIGHT ANGLE NORTHERLY 87 FEET AND 6 INCHES; THENCE AT A RIGHT ANGLE EASTERLY 87 FEET AND 6 INCHES TO THE WESTERLY LINE OF HYDE STREET; AND THENCE AT A RIGHT ANGLE SOUTHERLY AND ALONG SAID WESTERLY LINE OF HYDE STREET 87 FEET AND 6 INCHES TO THE POINT OF BEGINNING.

BEING A PORTION OF 50 VARA BLOCK NO. 305.

APN: 0249-007

LEASE AREA

PROPOSED LEASE IS WITHIN EXISTING BUILDING TOGETHER WITH THE RIGHT OF ACCESS TO THE PROPOSED ANTENNA LOCATIONS, AS SHOWN HEREON.

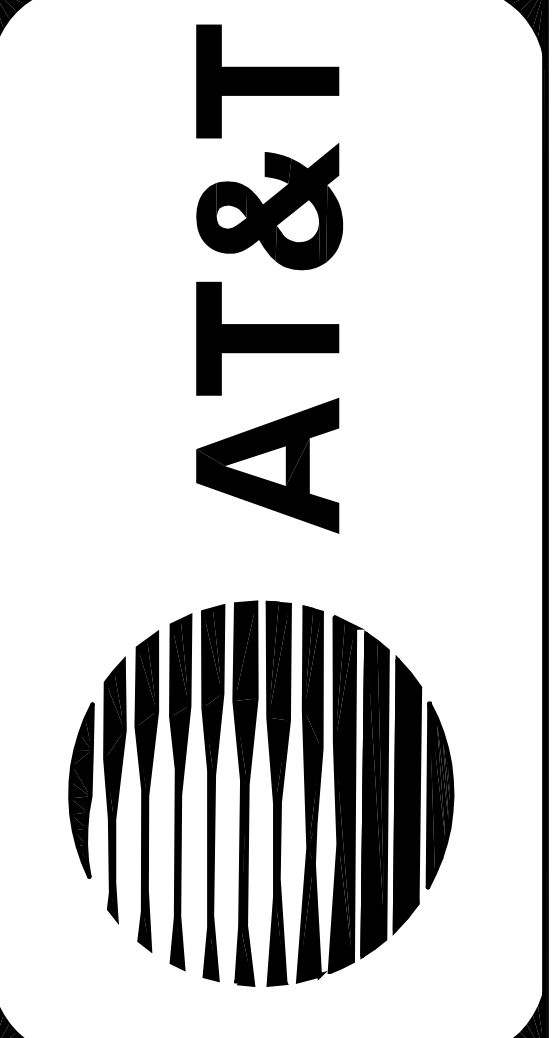
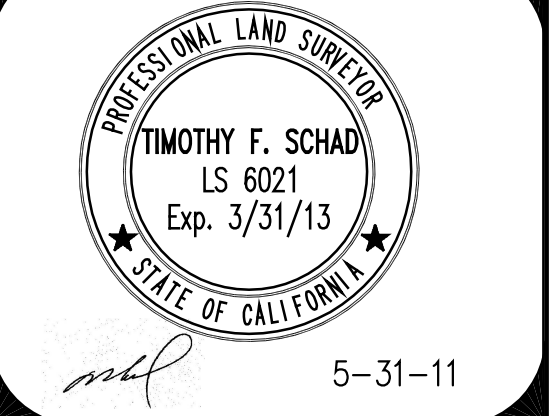
SURVEY NOTES

1. ALL LATITUDES AND LONGITUDES ARE NAD 83, ALL ELEVATIONS ARE NAVD 88 (UNLESS NOTED OTHERWISE).
2. ALL BOUNDARY INFORMATION SHOWN HEREON HAS BEEN COMPILED FROM RECORD DATA. SUFFICIENT MONUMENTATION WAS NOT RECOVERED IN THE FIELD TO ADEQUATELY LOCATE THE PARCEL BOUNDARY. WITH ADDITIONAL FIELD SURVEYING AND DOCUMENT RESEARCH THE BOUNDARY SHOWN HEREON MAY CHANGE.
3. DATE OF FIELD SURVEY APRIL 7, 2011.
4. PRELIMINARY TITLE REPORT NO. 383350, PREPARED BY STEWART TITLE HAS BEEN PROVIDED. ANY EASEMENTS OR OTHER TITLE RELATED ISSUES NOT INCLUDED IN SAID REPORT WHICH ARE PART OF THE TITLE PROCESS MAY OR MAY NOT HAVE BEEN ADDRESSED. TIMOTHY F. SCHAD, L.S. ACCEPTS NO RESPONSIBILITY OR LIABILITY FOR BOUNDARY OR TITLE ITEMS ADDRESSED HEREON. THIS IS NOT A BOUNDARY SURVEY.

ISSUE STATUS

Δ	DATE	DESCRIPTION	REV.
0	4-13-11	PRELIM.	TS
00	5-31-11	FINAL	TS

TIMOTHY SCHAD, L.S.
 10899 ROUND VALLEY RD.
 GRASS VALLEY, CA. 95949
 PHONE: (530) 271-7477
 FAX: (530) 271-7377



CN-5545
"THAI THAI NOODLE"
 1408 CALIFORNIA ST.
 SAN FRANCISCO, CA 94109
 SAN FRANCISCO COUNTY
 APN: 0249-07

SHEET TITLE:
SITE SURVEY

LS-1



VICINITY MAP
NO SCALE



DRAWINGS ARE FOR ZONING ONLY. STRUCTURAL ANALYSIS HAS NOT BEEN COMPLETED

NOTES:

1. SITE PLAN INFORMATION WAS OBTAINED FROM A SURVEY PREPARED BY TIMOTHY SCHAD, L.S., DATED APRIL 13, 2011.

LEGAL DESCRIPTION:

PARENT PARCEL
PENDING RECEIPT OF PRELIMINARY TITLE REPORT



PROJECT NO: 1159-047

DRAWN BY: M.B.

CHECKED BY: R.M.

CAD FILE: 1159-047Z2

SUBMITTALS

3	AUG 18/11	REVISED PER ERICSSON
2	AUG 02/11	GENERAL REVISIONS
1	MAY 27/11	GENERAL REVISIONS
0	MAY 28/11	100% ZD'S
B	MAY 18/11	REVISED PER ERICSSON
A	APR 14/11	ISSUED FOR REVIEW

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A/E SEAL

SITE

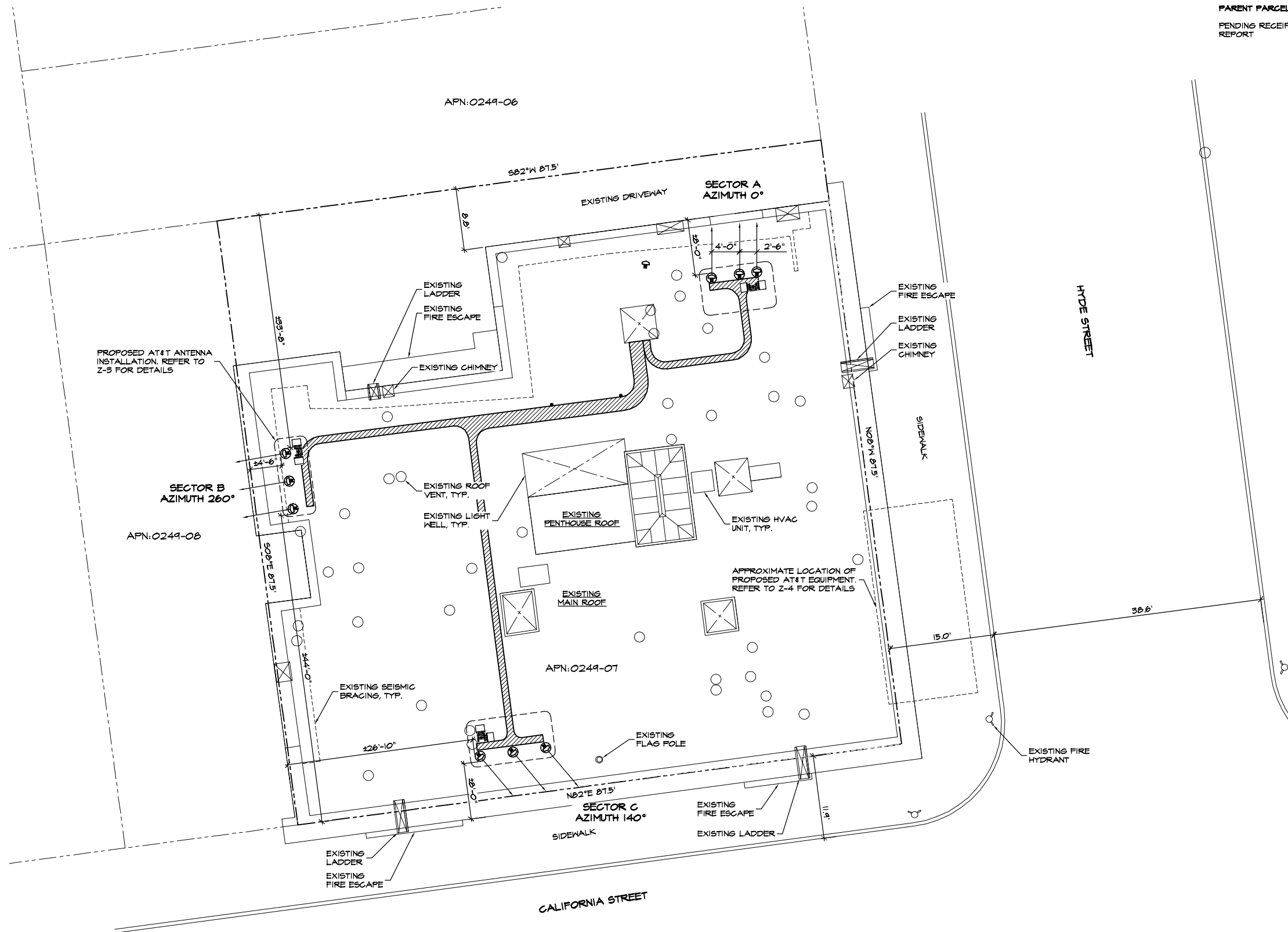
THAI THAI NOODLE
CN5545
1408 CALIFORNIA ST
SAN FRANCISCO, CA
94109

SHEET TITLE

SITE PLAN

SHEET NUMBER

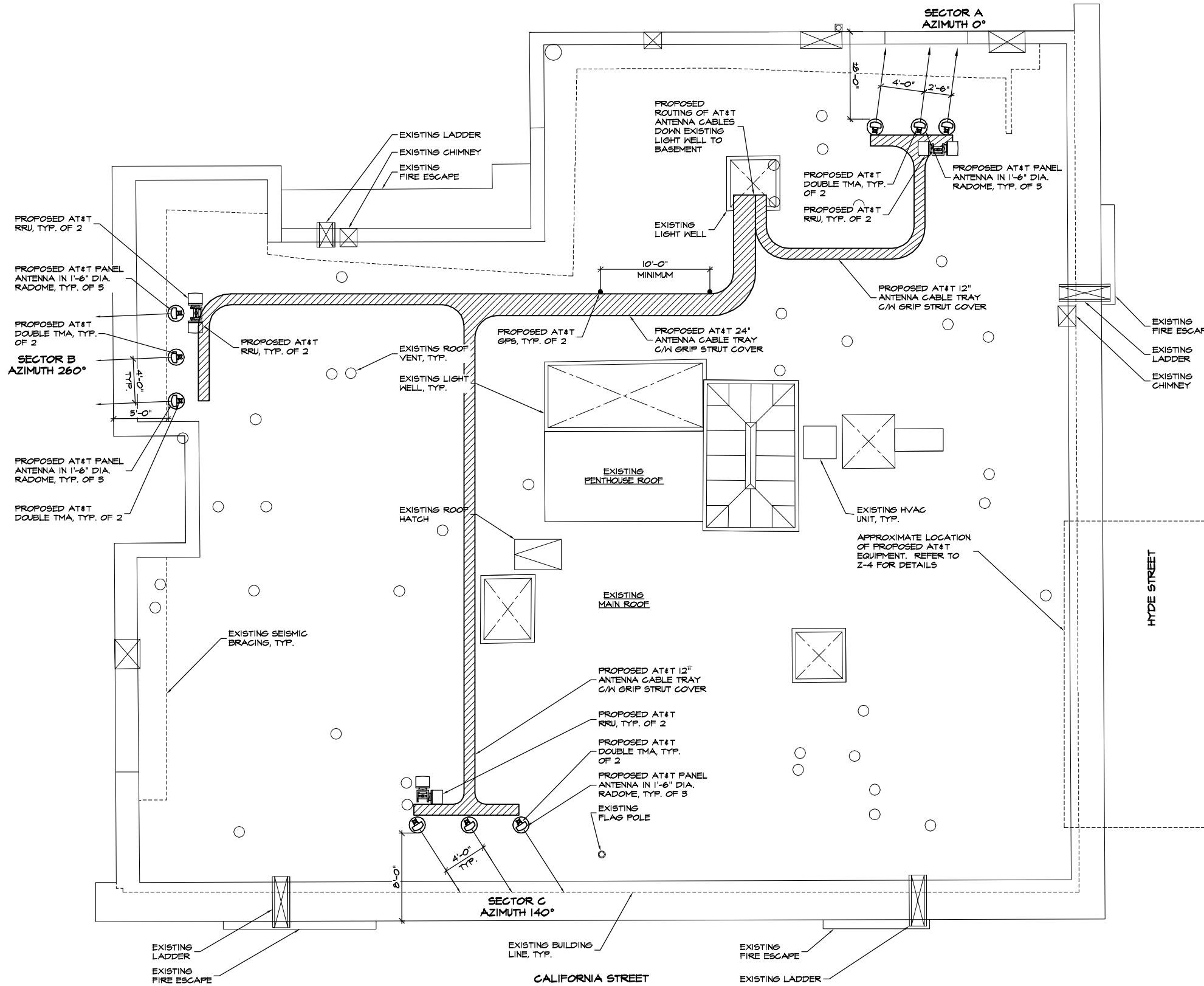
Z-2



SITE PLAN
1/16"=1'-0"
0 4' 8' 16'



DRAWINGS ARE FOR ZONING ONLY. STRUCTURAL ANALYSIS HAS NOT BEEN COMPLETED



NOTES:

1. ROOF PLAN INFORMATION WAS OBTAINED FROM SITE MEASUREMENTS TAKEN BY TRK ENGINEERING LTD. DATED APRIL 7, 2011 AND A SURVEY PREPARED BY TIMOTHY SCHAD, L.S., DATED APRIL 13, 2011.
2. RF WARNING SIGNAGE WILL BE POSTED AT ALL ROOFTOP ACCESS LOCATIONS.
3. CONTRACTOR'S WORK SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES AS ADOPTED BY THE LOCAL AUTHORITY HAVING JURISDICTION (AHJ) FOR THE LOCATION. THE EDITION OF THE AHJ ADOPTED CODES AND STANDARDS IN EFFECT ON THE DATE OF CONTRACT AWARD SHALL GOVERN THE DESIGN.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF ROOF MEMBRANE DURING CONSTRUCTION. ALL DAMAGE SHALL BE REPAIRED TO AS NEW CONDITION IN ACCORDANCE WITH STANDARD ROOFING PRACTICES.
5. CONTRACTOR TO SITE VERIFY LOCATION OF CABLE TRAY AND ANTENNA CABLE ROUTING PRIOR TO CONSTRUCTION.
6. PAINT FRP SHROUD TO MATCH EXISTING BUILDING EXTERIOR.



PROJECT NO: 1159-047

DRAWN BY: M.B.

CHECKED BY: R.M.

CAD FILE: 1159-04723

SUBMITTALS

3	AUG 18/11	REVISED PER ERICSSON
2	AUG 02/11	GENERAL REVISIONS
1	MAY 27/11	GENERAL REVISIONS
0	MAY 28/11	100% ZD'S
B	MAY 18/11	REVISED PER ERICSSON
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A/E SEAL

SITE

THAI THAI NOODLE
CN5545
1408 CALIFORNIA ST
SAN FRANCISCO, CA
94109

SHEET TITLE

ROOF PLAN

SHEET NUMBER

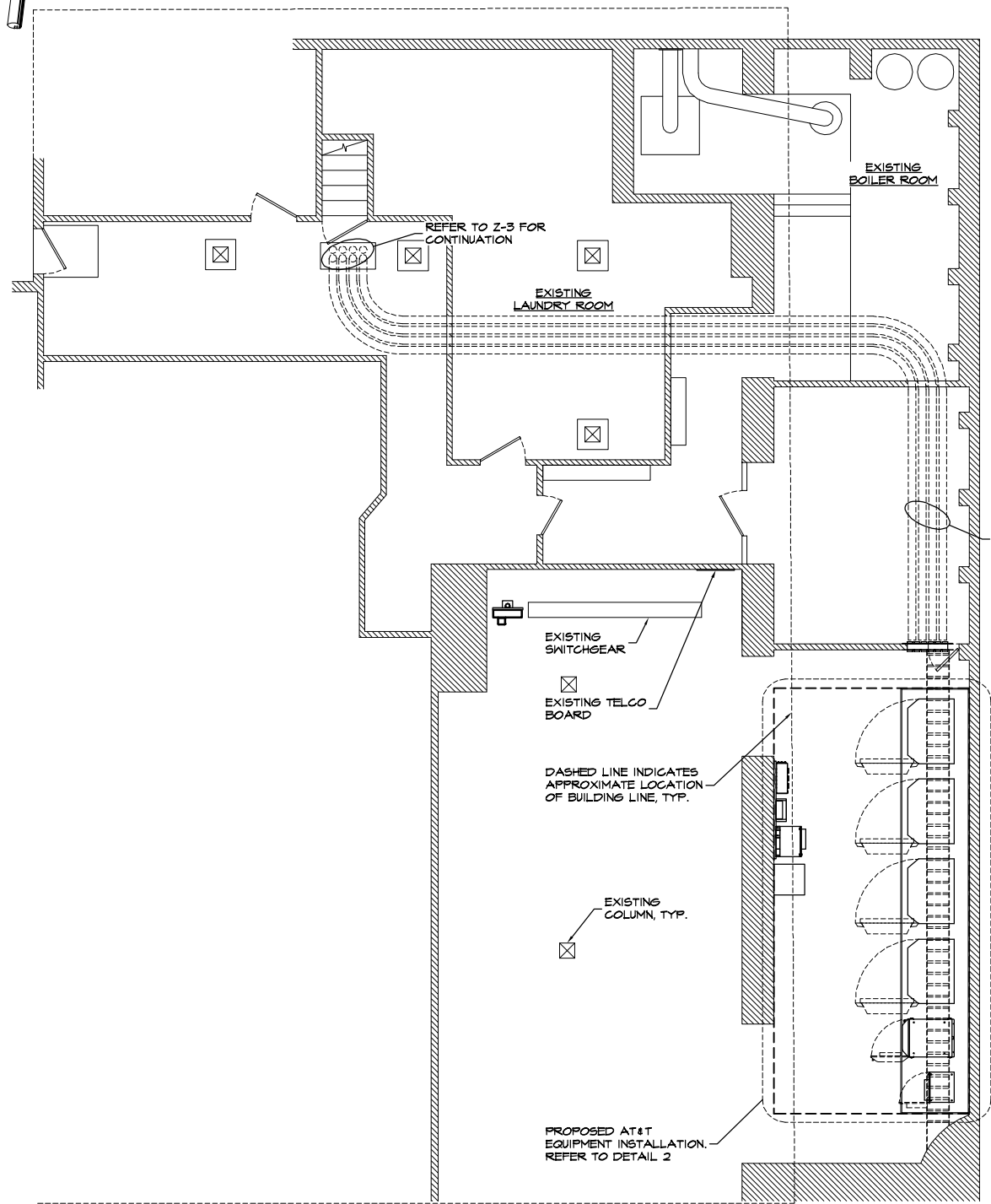
Z-3

SECTOR	CABLE LENGTH (APPROX.)
A (ALPHA)	±200'-0"
B (BETA)	±230'-0"
C (GAMMA)	±240'-0"

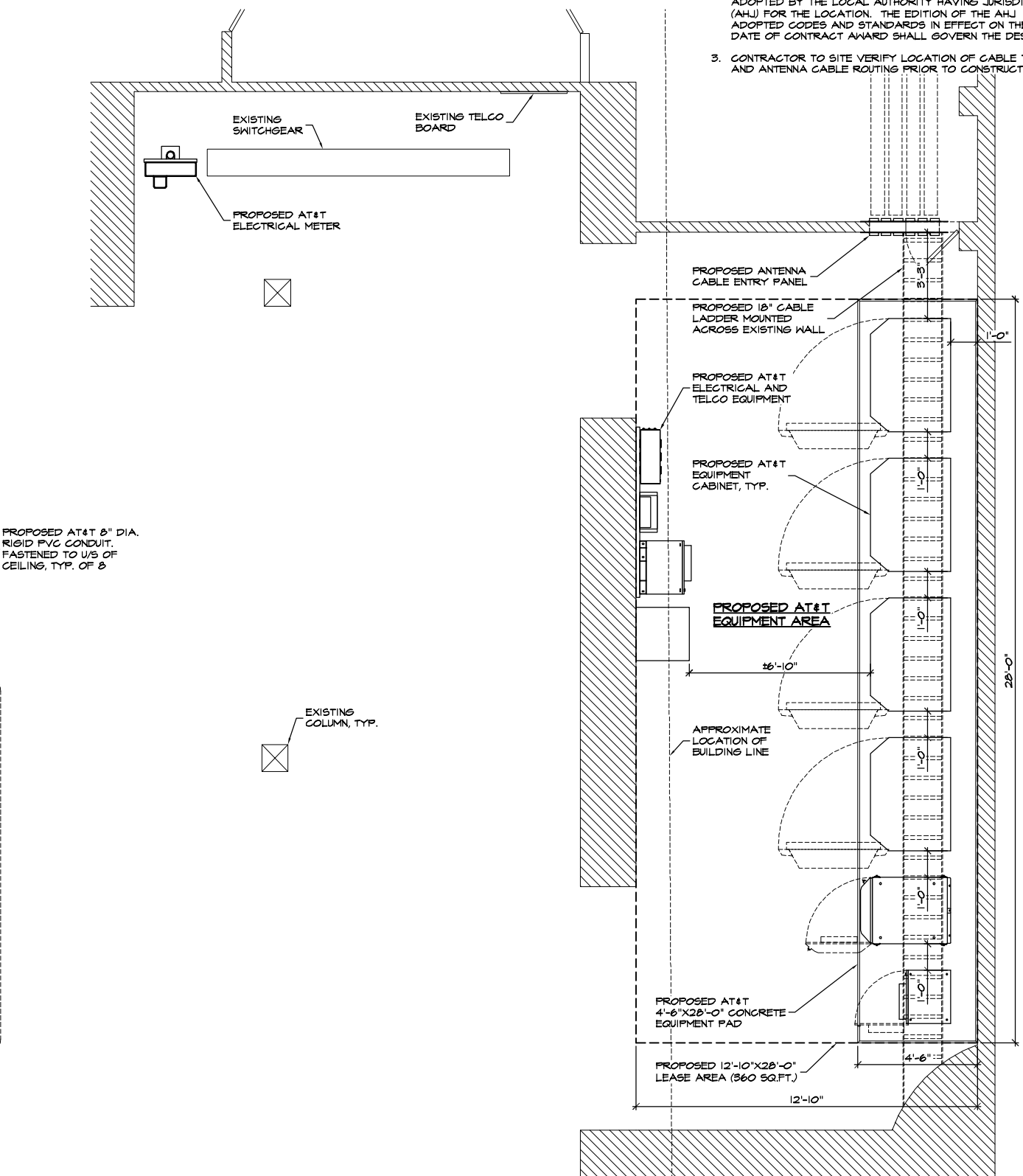




DRAWINGS ARE FOR ZONING ONLY. STRUCTURAL ANALYSIS HAS NOT BEEN COMPLETED



1 PARTIAL BASEMENT PLAN
3/16"=1'-0"



2 EQUIPMENT LAYOUT
3/16"=1'-0"

- NOTES:**
- FLOOR PLAN INFORMATION WAS OBTAINED FROM SITE MEASUREMENTS TAKEN BY TRK ENGINEERING, LTD. ON APRIL 7, 2011.
 - CONTRACTOR'S WORK SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES AS ADOPTED BY THE LOCAL AUTHORITY HAVING JURISDICTION (A.H.J.) FOR THE LOCATION. THE EDITION OF THE A.H.J. ADOPTED CODES AND STANDARDS IN EFFECT ON THE DATE OF CONTRACT AWARD SHALL GOVERN THE DESIGN.
 - CONTRACTOR TO SITE VERIFY LOCATION OF CABLE TRAY AND ANTENNA CABLE ROUTING PRIOR TO CONSTRUCTION.



PROJECT NO: 1159-047

DRAWN BY: M.B.

CHECKED BY: R.M.

CAD FILE: 1159-047Z4

SUBMITTALS

3	AUG 18/11	REVISED PER ERICSSON
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1	MAY 27/11	GENERAL REVISIONS
0	MAY 28/11	100% ZD'S
B	MAY 18/11	REVISED PER ERICSSON
A	APR 14/11	ISSUED FOR REVIEW

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A/E SEAL

SITE

THAI THAI NOODLE
CN5545
1408 CALIFORNIA ST
SAN FRANCISCO, CA
94109

SHEET TITLE

PARTIAL BASEMENT
PLAN

SHEET NUMBER

Z-4

DRAWINGS ARE FOR ZONING ONLY. STRUCTURAL ANALYSIS HAS NOT BEEN COMPLETED

NOTES:

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- CONTRACTOR'S WORK SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES AS ADOPTED BY THE LOCAL AUTHORITY HAVING JURISDICTION (AHJ) FOR THE LOCATION. THE EDITION OF THE AHJ ADOPTED CODES AND STANDARDS IN EFFECT ON THE DATE OF CONTRACT AWARD SHALL GOVERN THE DESIGN.
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- CONTRACTOR TO SITE VERIFY LOCATION OF CABLE TRAY AND ANTENNA CABLE ROUTING PRIOR TO CONSTRUCTION.
- PAINT FRP SCREEN TO MATCH EXISTING BUILDING EXTERIOR COLOR AND TEXTURE.



PROJECT NO: 1159-047

DRAWN BY: M.B.

CHECKED BY: R.M.

CAD FILE: 1159-047Z5

SUBMITTALS

3	AUG 18/11	REVISED PER ERICSSON
2	AUG 02/11	GENERAL REVISIONS
1	MAY 27/11	GENERAL REVISIONS
0	MAY 28/11	100% ZD'S
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A/E SEAL

SITE

THAI THAI NOODLE
CN5545
1408 CALIFORNIA ST
SAN FRANCISCO, CA
94109

SHEET TITLE

SOUTH ELEVATION

SHEET NUMBER

Z-5



CALIFORNIA STREET
SOUTH ELEVATION
3/32"=1'-0"
0 2' 4' 8'

GRADE
0'-0"

HYDE STREET

DRAWINGS ARE FOR ZONING ONLY. STRUCTURAL ANALYSIS HAS NOT BEEN COMPLETED

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PROJECT NO: 1159-047

DRAWN BY: M.B.

CHECKED BY: R.M.

CAD FILE: 1159-047Z6

SUBMITTALS

3	AUG 18/11	REVISED PER ERICSSON
2	AUG 02/11	GENERAL REVISIONS
1	MAY 27/11	GENERAL REVISIONS
0	MAY 28/11	100% ZD'S
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A/E SEAL

SITE

THAI THAI NOODLE
CN5545
1408 CALIFORNIA ST
SAN FRANCISCO, CA
94109

SHEET TITLE

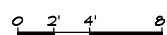
EAST ELEVATION

SHEET NUMBER

Z-6

HYDE STREET

EAST ELEVATION



GRADE
0'-0"

CALIFORNIA STREET

DRAWINGS ARE FOR ZONING ONLY. STRUCTURAL ANALYSIS HAS NOT BEEN COMPLETED

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PROJECT NO: 1159-047

DRAWN BY: M.B.

CHECKED BY: R.M.

CAD FILE: 1159-047Z7

SUBMITTALS

3	AUG 18/11	REVISED PER ERICSSON
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1	MAY 27/11	GENERAL REVISIONS
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A&E SEAL

SITE

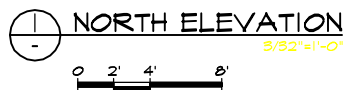
THAI THAI NOODLE
CN5545
1408 CALIFORNIA ST
SAN FRANCISCO, CA
94109

SHEET TITLE

NORTH ELEVATION

SHEET NUMBER

Z-7



GRADE
0'-0"

HYDE STREET

EXISTING FIRE ESCAPE, TYP.

T.O. PARAPET
#64'-11" A.G.L.
T.O. ROOF
#62'-7" A.G.L.

T.O. AT&T ANTENNAS AND RADOMES
#70'-4" A.G.L.
T.O. PENTHOUSE ROOF
#69'-11" A.G.L.

EXISTING CHIMNEY, TYP.
PROPOSED AT&T
PANEL ANTENNA IN 1'-6"
DIA. RADOME, TYP. OF
3 PER SECTOR
PROPOSED AT&T
DOUBLE TMA, TYP. OF 2

EXISTING
PENTHOUSE

EXISTING
FLAGPOLE

EXISTING LIGHT
WELL, TYP.

PROPOSED AT&T
PANEL ANTENNA IN 1'-6"
DIA. RADOME, TYP. OF
3 PER SECTOR

EXISTING
LADDER, TYP.

PROPOSED AT&T PANEL
ANTENNA IN 1'-6" DIA. RADOME,
TYP. OF 3 PER SECTOR
T.O. AT&T ANTENNAS AND RADOMES
#70'-3" A.G.L.

T.O. AT&T ANTENNAS AND RADOMES
#69'-0" A.G.L.

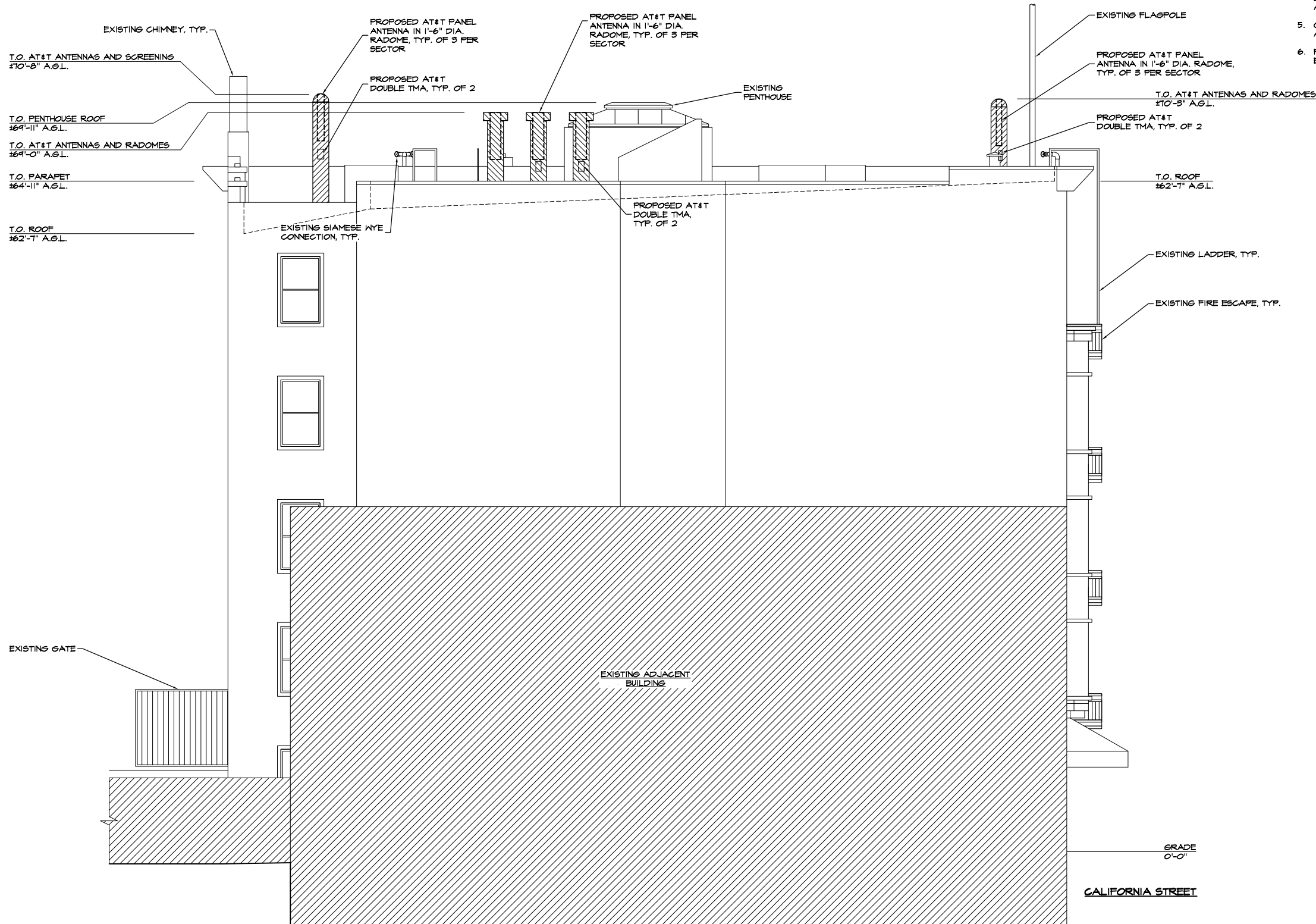
T.O. PARAPET
#62'-7" A.G.L.

T.O. ROOF
#60'-0" A.G.L.

PROPOSED AT&T
DOUBLE TMA, TYP. OF 2

5'-0"

DRAWINGS ARE FOR ZONING ONLY. STRUCTURAL ANALYSIS HAS NOT BEEN COMPLETED



NOTES:

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- PAINT FRP SCREEN TO MATCH EXISTING BUILDING EXTERIOR COLOR AND TEXTURE.



PROJECT NO: 1159-047

DRAWN BY: M.B.

CHECKED BY: R.M.

CAD FILE: 1159-047Z8

SUBMITTALS

3	AUG 18/11	REVISED PER ERICSSON
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A&E SEAL

SITE

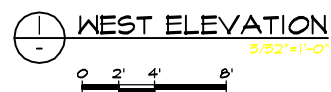
THAI THAI NOODLE
CN5545
1408 CALIFORNIA ST
SAN FRANCISCO, CA
94109

SHEET TITLE

WEST ELEVATION

SHEET NUMBER

Z-8





PROJECT NO: 1159-047

DRAWN BY: M.B.

CHECKED BY: R.M.

CAD FILE: 1159-047Z9

SUBMITTALS

3	AUG 18/11	REVISED PER ERICSSON
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A/E SEAL

SITE

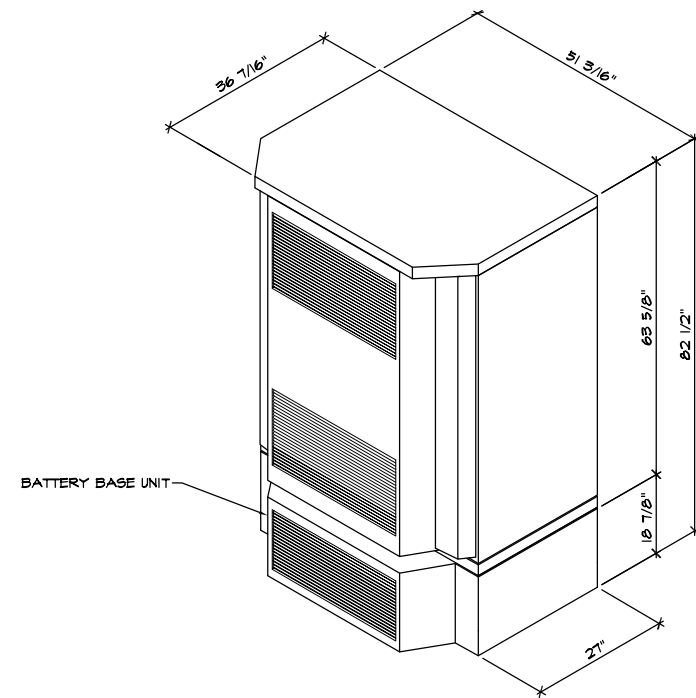
THAI THAI NOODLE
CN5545
1408 CALIFORNIA ST
SAN FRANCISCO, CA
94109

SHEET TITLE

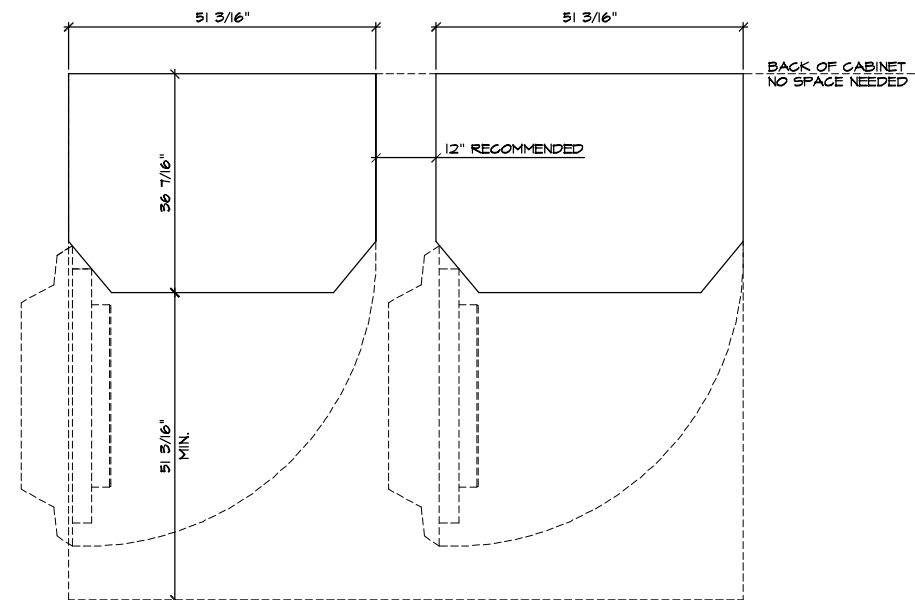
EQUIPMENT DETAILS I

SHEET NUMBER

Z-9



ISOMETRIC VIEW OF EQUIPMENT CABINET WITH BATTERY BASE UNIT



TYPICAL GROWTH CONFIGURATION FOR OUTDOOR EQUIPMENT CABINETS



PROJECT NO: 1159-047

DRAWN BY: M.B.

CHECKED BY: R.M.

CAD FILE: 1159-047Z10

SUBMITTALS

3	AUG 18/11	REVISED PER ERICSSON
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A/E SEAL

SITE

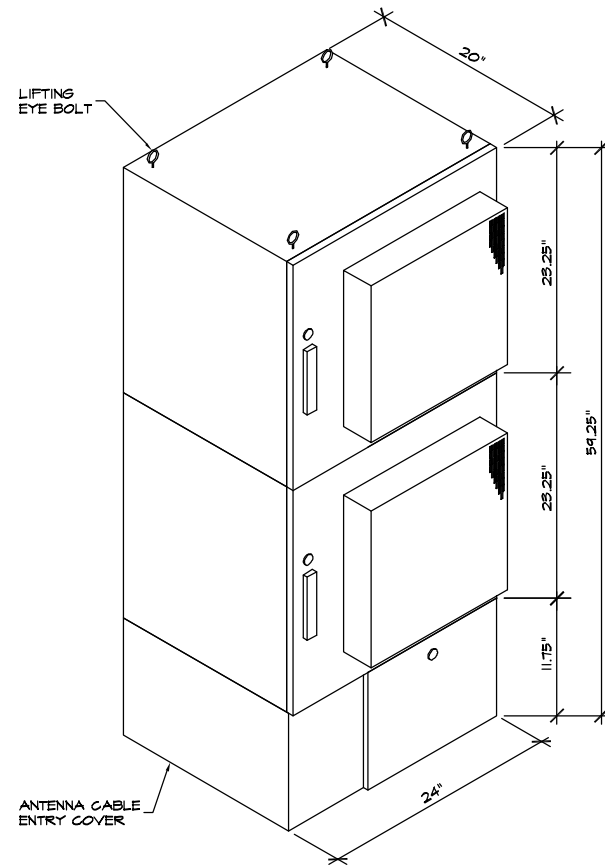
THAI THAI NOODLE
CN5545
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94109

SHEET TITLE

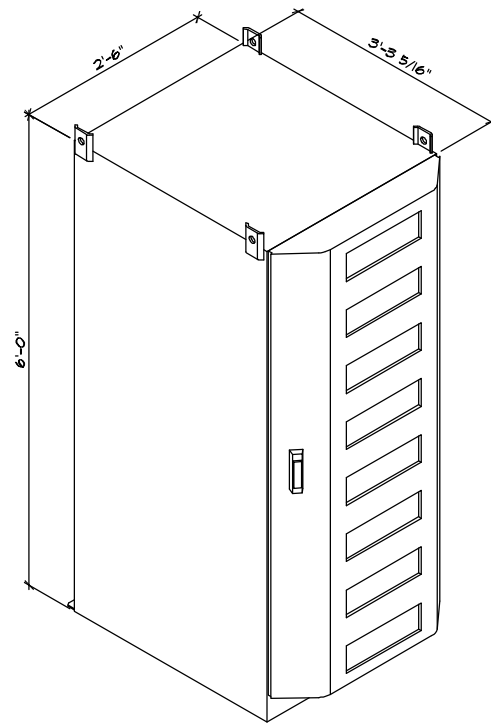
EQUIPMENT DETAILS II

SHEET NUMBER

Z-10



ISOMETRIC VIEW OF
EQUIPMENT CABINET



ISOMETRIC VIEW OF POWER
AND BATTERY CABINET

PROJECT NO: 1159-047

DRAWN BY: M.B.

CHECKED BY: R.M.

CAD FILE: 1159-047Z11

SUBMITTALS

3	AUG 18/11	REVISED PER ERICSSON
2	AUG 02/11	GENERAL REVISIONS
1	MAY 27/11	GENERAL REVISIONS
0	MAY 28/11	100% ZD'S
B	MAY 18/11	REVISED PER ERICSSON
A	APR 14/11	ISSUED FOR REVIEW

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A/E SEAL

SITE

THAI THAI NOODLE
CN5545
1408 CALIFORNIA ST
SAN FRANCISCO, CA
94109

SHEET TITLE

EQUIPMENT DETAILS III

SHEET NUMBER

Z-11



PROJECT NO: 1159-047

DRAWN BY: M.B.

CHECKED BY: R.M.

CAD FILE: 1159-047Z12

SUBMITTALS

3	AUG 18/11	REVISED PER ERICSSON
2	AUG 02/11	GENERAL REVISIONS
1	MAY 27/11	GENERAL REVISIONS
0	MAY 28/11	100% ZD'S
B	MAY 18/11	REVISED PER ERICSSON
A	APR 14/11	ISSUED FOR REVIEW

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A&E SEAL

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 1408 CALIFORNIA ST
 SAN FRANCISCO, CA
 94109

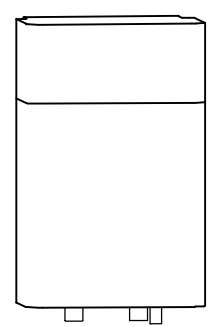
SHEET TITLE
 RF DETAILS

SHEET NUMBER
Z-12



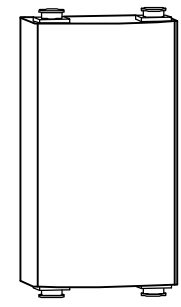
LENGTH: 51"
 WIDTH: 12"
 DEPTH: 6"
 WEIGHT: 41 lbs.

① ANTENNA SPECIFICATION



LENGTH: 23.62"
 WIDTH: 11.50"
 DEPTH: 15.04"
 WEIGHT: 63.93 lbs

② RRU1 SPECIFICATIONS



LENGTH: 11.0"
 WIDTH: 6.1"
 DEPTH: 3.4"
 WEIGHT: 15.4 lbs

③ DOUBLE TMA SPECIFICATIONS