



SAN FRANCISCO PLANNING DEPARTMENT

Executive Summary Conditional Use Authorization

HEARING DATE: NOVEMBER 3, 2011
(CONTINUED FROM OCTOBER 13, 2011)

Date: October 27, 2011
Case No.: 2011.0198C
Project Address: 601 – 14th Avenue
Current Zoning: RM-1 (Mixed, Low Density)
40-X Height and Bulk District
Block/Lot: 1630/001
Project Sponsor: AT&T Wireless represented by,
Amy Million, KDI
855 Folsom Street, #106
San Francisco, CA 94107
Staff Contact: Sara Vellve – (415) 558 - 6263
sara.vellve@sfgov.org
Recommendation: **Approval with Conditions**

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PROJECT DESCRIPTION

AT&T Wireless proposes to remove two existing omni antennas, install up to six (6) panel antennas and associated equipment cabinets as part of their wireless transmission network. According to the *Wireless Telecommunications Services (WTS) Siting Guidelines*, the property is a Location Preference 1 (Publicly-used structure) as the site is developed with an institution owned and operated by the Bureau of Jewish Education. The six panel antennas would be enclosed in two faux chimneys. One faux chimney containing up to four antennas would be located in the east-central portion of the roof and the second faux chimney containing up to two antennas would be located in the area of the south building wall. The overall height of all antennas would be approximately 44 feet from grade. The faux chimneys will be constructed of synthetic material that is RF (Radio Frequency) Transparent, which allows transmission to occur even though the antennas are obscured. The maximum dimension for the proposed antennas would be approximately 4 feet tall, 1 foot wide and 7 inches deep. The proposed WTS site also includes the installation of associated mechanical equipment in the building's basement.

SITE DESCRIPTION AND PRESENT USE

The subject site is zoned RM-1 (Mixed, Low Density) and is characterized in the Planning Code as containing a mixture of dwelling types and a significant number of apartment buildings that broaden the range of unit sizes and variety of structures, but with an overall low density and moderately scaled buildings with neighborhood services and transit lines located within close proximity.

The approximately 20,000 square foot site is developed as the Bureau of Jewish Education and consists of approximately three buildings at the southwest corner of the intersection of 14th Avenue and Balboa Street. The subject building where the proposed antennas would be located is three stories tall and

Executive Summary

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CASE NO. 2011.0198C

601-14th Avenue

located on the corner of 14th Avenue and Balboa Street. All other buildings on the site front either Balboa Street or 14th Avenue. The subject structure was constructed in approximately 1920. Buildings on the site are owned and operated by a non-profit educational organization.

SURROUNDING PROPERTIES AND NEIGHBORHOOD

The site is bounded by buildings generally containing one to two dwelling units to the west, north and south. Park Presidio Boulevard bounds the east side of the site. Geary Boulevard is located two blocks north of the site and Golden Gate Park is located two blocks to the south.

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	September 23, 2011	September 21, 2011	22 days
Posted Notice	20 days	September 23, 2011	September 23, 2011	20 days
Mailed Notice	20 days	September 23, 2011	September 23, 2011	20 days

PUBLIC COMMENT

As of October 5, 2011, the Department has not received public comment on the proposal.

ISSUES AND OTHER CONSIDERATIONS

- The project will conceal the antennas within two faux chimneys constructed of radio frequency transparent material.
- The project is a Location Preference 1, preferred location. Educational institutions are considered a public facility per the WTS Facilities Siting Guidelines and are categorized as a preferred WTS siting location.
- Health and safety aspects of all wireless projects are reviewed under the Department of Public Health and the Department of Building Inspection.
- A Five Year Plan with approximate longitudinal and latitudinal coordinates of proposed locations, including the subject site, was submitted.
- All required public notifications were conducted in compliance with the City's code and policies.

- The project will improve in-transit and outdoor coverage to an area that currently receives marginal coverage.

REQUIRED COMMISSION ACTION

In order for the project to proceed, the Commission must grant the Conditional Use authorization pursuant to Planning Code Sections 209.6(b) and 303 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.
- The project site is a Location Preference 1, a preferred location, according to the Wireless Telecommunications Services (WTS) Siting Guidelines.
- The project will improve coverage for an area where there is currently marginal cell phone coverage.

RECOMMENDATION: Approval with Conditions
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(Continued from October 13, 2011)

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601-14th Avenue

- Executive Summary
- Draft Motion
- Zoning District Map
- Height & Bulk Map
- Parcel Map
- Sanborn Map
- Aerial Photo
- Context Photos
- Site Photos

- Project sponsor submittal
- Drawings: Proposed Project
- Check for legibility
- Photo Simulations
- Coverage Maps
- RF Report
- DPH Approval
- Community Outreach Report
- SHPO Review

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

SV:



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. XXX

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Case No.: 2011.0198C
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Recommendation: **Approval with Conditions**

ADOPTING FINDINGS RELATING TO THE APPROVAL OF A CONDITIONAL USE AUTHORIZATION UNDER PLANNING CODE SECTIONS 209.6(b) AND 303 TO INSTALL A WIRELESS TELECOMMUNICATIONS FACILITY CONSISTING OF UP TO SIX (6) PANEL ANTENNAS CONCEALED IN TWO FAUX CHIMNEYS ON THE BUILDING'S ROOF AND RELATED EQUIPMENT IN THE BASEMENT OF A THREE-STORY PUBLICLY-USED STRUCTURE (BUREAU OF JEWISH EDUCATION) AS PART OF AT&T'S WIRELESS TELECOMMUNICATIONS NETWORK WITHIN THE RM-1 (MIXED, LOW DENSITY) ZONING DISTRICT, AND A 40-X HEIGHT AND BULK DISTRICT.

PREAMBLE

On March 1, 2011, Amy Million, as representative of AT&T Wireless, (hereinafter "Project Sponsor"), made an application (hereinafter "application"), for Conditional Use Authorization on the property at 601 – 14th Avenue, Lot 001 in Assessor's Block 1630, (hereinafter "project site") to install a wireless telecommunications facility consisting of up to six (6) panel antennas concealed in two faux chimneys on the building's roof and related equipment in the basement of an existing three-story publicly used structure (Bureau of Jewish Education) as part of AT&T's wireless telecommunications network within the RM-1 (Mixed, Low Density) Zoning District, and a 40-X Height and Bulk District.

The project is exempt from the California Environmental Quality Act ("CEQA") as a Class 3 categorical exemption. 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 ~~October 13, 2011~~ ^{November 3, 2011}, 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. 2011.0198C, 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.

Site Description and Present Use. The subject site is zoned RM-1 (Mixed, Low Density) and is characterized in the Planning Code as containing a mixture of dwelling types and a significant number of apartment buildings that broaden the range of unit sizes and variety of structures, but with an overall low density and moderately scaled buildings with neighborhood services and transit lines located within close proximity.

The approximately 20,000 square foot site is developed as the Bureau of Jewish Education and consists of approximately three buildings at the southwest corner of the intersection of 14th Avenue and Balboa Street. The subject building where the proposed antennas would be located is three stories tall and located on the corner of 14th Avenue and Balboa Street. All other buildings on the site front either Balboa Street or 14th Avenue. The subject structure was constructed in approximately 1920. Buildings on the site are owned and operated by a non-profit educational organization.

2. **Surrounding Properties and Neighborhood.** The site is bounded by buildings generally containing one to two dwelling units to the west, north and south. Park Presidio Boulevard bounds the east side of the site. Geary Boulevard is located two blocks north of the site and Golden Gate Park is located two blocks to the south.
3. **Project Description.** AT&T Wireless proposes to remove two existing omni antennas, install up to six (6) panel antennas and associated equipment cabinets as part of their wireless transmission network. According to the Wireless Telecommunications Services (WTS) Siting Guidelines, the property is a Location Preference 1 (Publicly-used structure) as the site is developed with an institution owned and operated by the Bureau of Jewish Education. The six panel antennas

would be enclosed in two faux chimneys. One faux chimney containing up to four antennas would be located in the east-central portion of the roof and the second faux chimney containing up to two antennas would be located in the area of the south building wall. The overall height of all antennas would be approximately 44 feet from grade. The faux chimneys will be constructed of synthetic material that is RF (Radio Frequency) Transparent, which allows transmission to occur even though the antennas are obscured. The maximum dimension for the proposed antennas would be approximately 4 feet tall, 1 foot wide and 7 inches deep. The proposed WTS site also includes the installation of associated mechanical equipment in the building's basement.

4. **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, hospitals, health centers 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.

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.

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.

¹ PC Resolution 16539, passed March 13, 2003.

~~On October 13, 2011,~~
November 3, 2011

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 Sections 206.9(b) and 303 to install a wireless telecommunications facility consisting of six panel antennas to be located within two faux chimneys on the subject building's roof and related equipment in the building's basement per the plans contained in Exhibit "B".

5. **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 1, as it is a preferred location for a publicly-used structure (educational institution).
6. **Radio Waves Range.** The Project Sponsor has stated that the proposed wireless network will transmit calls by radio waves operating in the 700 - 2200 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.
7. **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*.
8. **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 as a result of the two existing antennas. There were no other observed similar antennas within 100 feet of this site. AT&T proposes to remove two existing omnidirectional antennas and install six new panel antennas. The antennas will be mounted within two faux chimney elements on the building's roof at a height of approximately 44 feet above grade. The estimated ambient RF field from the proposed AT&T transmitters at ground level is calculated to be 0.027 mW/sq cm, which is below 5% of the FCC public exposure limit. The three dimensional perimeter of RF levels equal to the public exposure limit extends 57 feet which includes areas of the roof top 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 19 feet of the front of the antennas while in operation.
9. **Maintenance Schedule.** The proposed facility would operate without on-site staff but with a maintenance crew visiting the property approximately two or three times a month and on an as-needed basis to service and monitor the facility.
10. **Community Outreach.** Per the *Guidelines*, the project sponsor held a Community Outreach Meeting for the proposed project. The meeting began at 7:00 P.M. on Wednesday, April 20, 2011 at the Argonne Park, located at 463 - 18th Avenue, San Francisco. Approximately five members of

the public attended the meeting. The sponsor received two calls in support of the proposal from neighborhood residents who could not attend the meeting.

11. **Five-year plan:** Per the *Guidelines*, the project sponsor submitted its latest five-year plan, as required, in October 2011.
12. **Public Comment.** As of October 5, 2011, the Department has not received any public comment on the proposal.
13. **Planning Code Compliance.** The Commission finds that the Project is consistent with the relevant provisions of the Planning Code in the following manner:

- A. **Use.** Per Planning Code Sections 209.6(b), a Conditional Use authorization is required for the installation of wireless transmission facilities in the RM-1 (Residential, Mixed, Low-Density) District.

14. **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 601 – 14th Avenue 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, first and foremost, 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 building and insure harmony with neighborhood character.

- 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). It is necessary for San Francisco to have as much coverage as possible in

terms of wireless facilities. Due to the topography and tall buildings in San Francisco, unique coverage issues arise because the hills and buildings break up coverage. 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 601 – 14th Avenue is necessary in order to achieve sufficient street, in-transit and in-building mobile phone coverage and to provide service coverage during high demand periods. Recent drive tests in the subject area conducted by the AT&T Radio Frequency Engineering Team provide conclusive evidence that the subject property is the most viable location, based on factors including quality of coverage, population density, land use compatibility, zoning and aesthetics. The proposed coverage area will serve the vicinity bounded by Fulton and California Streets, and 18th and 9th Avenues, as indicated in the coverage maps. This facility will fill in the gaps and improve coverage in the Richmond District 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 has received information that the proposed wireless system must be operated so as not to interfere with radio or television reception in order to comply with the provisions of its license under the FCC.

The Planning 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 two to three times 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 erection 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 antennas are proposed to be flush mounted to the north, east and south facades of an existing penthouse and screened from view with RF transparent material painted to match the penthouse. Mechanical equipment would be located on the fifth floor roof of subject building adjacent to the penthouse.

- 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 RM-1 (Mixed, Low Density) District in that the intended use is located on an existing building at a height of approximately 44 feet from grade and designed to be consistent with the building's design and minimally visible.

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

2009 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 Verizon Mobility coverage 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 and related equipment by locating the antennas within faux chimneys and the equipment on a building basement.

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 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 Verizon's mobile 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.

16. **Planning Code Section 101.1(b)** establishes eight priority-planning policies and requires review of permits for consistency with said policies. On balance, the project 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 design will comply with the California Environmental Quality Act.

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

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

17. The Project is consistent with and would promote the general and specific purposes of the Code provided under Section 101.1(b) in that, as designed, the Project would contribute to the character and stability of the neighborhood and would constitute a beneficial development.
18. The Commission hereby finds that approval of the 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 209.6(b) and 303 to install up to six panel antennas to be located within two faux chimneys on the subject building's roof and related equipment in the building's basement of a three-story educational institution as part of a wireless transmission network operated by AT&T Wireless on a Location Preference One (Preferred Location – Publicly-used structure) according to the *Wireless Telecommunications Services (WTS) Siting Guidelines*, within the RM-1 (Mixed, Low Density), and a 40-X Height and Bulk District, and subject to the conditions of approval attached hereto as **Exhibit A**.

Motion No. XXX
Hearing Date: November 3, 2011
(Continued from October 13, 2011)

CASE NO. 2011.0198C
601 – 14th Avenue

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. XXX. 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 ~~October 13, 2011~~
November 3, 2011

Linda Avery
Commission Secretary

AYES: Commissioners

NAYS: None

ABSENT: Commissioners

ADOPTED: ~~October 13, 2011~~
November 3, 2011

EXHIBIT A

AUTHORIZATION

This approval is for Conditional Use authorization under Planning Code Sections 209.6(b) and 303 to install a wireless telecommunications facility consisting of six panel antennas to be located within two faux chimneys on the subject building's roof and related equipment in the building's basement, on a Location Preference 1 (Preferred Location – Publicly Use Structure) according to the Wireless Telecommunications Services (WTS) Siting Guidelines, as part of AT&T's wireless telecommunications network within the RM-1 (Mixed, Low Density) Zoning District, and a 40-X 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 ~~October 13, 2011~~ under Motion No. XXX.

November 3, 2011

PRINTING OF CONDITIONS OF APPROVAL ON PLANS

The conditions of approval under the 'Exhibit A' of this Planning Commission Motion No. XXX 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 415-558-6613, www.sf-planning.org.

4. **Screening - WTS.** To the extent necessary for information about compliance with adopted FCC regulations regarding human exposure to RF emissions, and upon the recommendation of the Zoning Administrator, the Project Sponsor shall:
- a. Modify the placement of the facilities;
 - b. Install fencing, barriers or other appropriate structures or devices to restrict access to the facilities;
 - c. Install multi-lingual signage, including the RF radiation hazard warning symbol identified in ANSI C95.2 1982, to notify persons that the facility could cause exposure to RF emissions;
 - d. Implement any other practice reasonably necessary to ensure that the facility is operated in compliance with adopted FCC RF emission standards.
 - e. To the extent necessary to minimize visual obtrusion and clutter, installations shall conform to the following standards:
 - f. Antennas and back up equipment shall be painted, fenced, landscaped or otherwise treated architecturally so as to minimize visual effects;
 - g. Rooftop installations shall be setback such that back up facilities are not viewed from the street;
 - h. Antennae attached to building facades shall be so placed, screened or otherwise treated to minimize any negative visual impact; and
 - i. Although co location of various companies' facilities may be desirable, a maximum number of antennas and back up facilities on the Project Site shall be established, on a case by case basis, such that "antennae farms" or similar visual intrusions for the site and area is not created.

For information about compliance, contact the Case Planner, Planning Department at 415-558-6613, 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 and Monitoring 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 the monitoring of the conditions of approval contained in this authorization, including costs incurred by this Department, the Department of Public Health, the Department of Electricity and Telecommunications, Office of the City Attorney, or any other appropriate City Department or agency pursuant to Planning Code Section 351(f) (2). 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.sfplanning.org

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

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

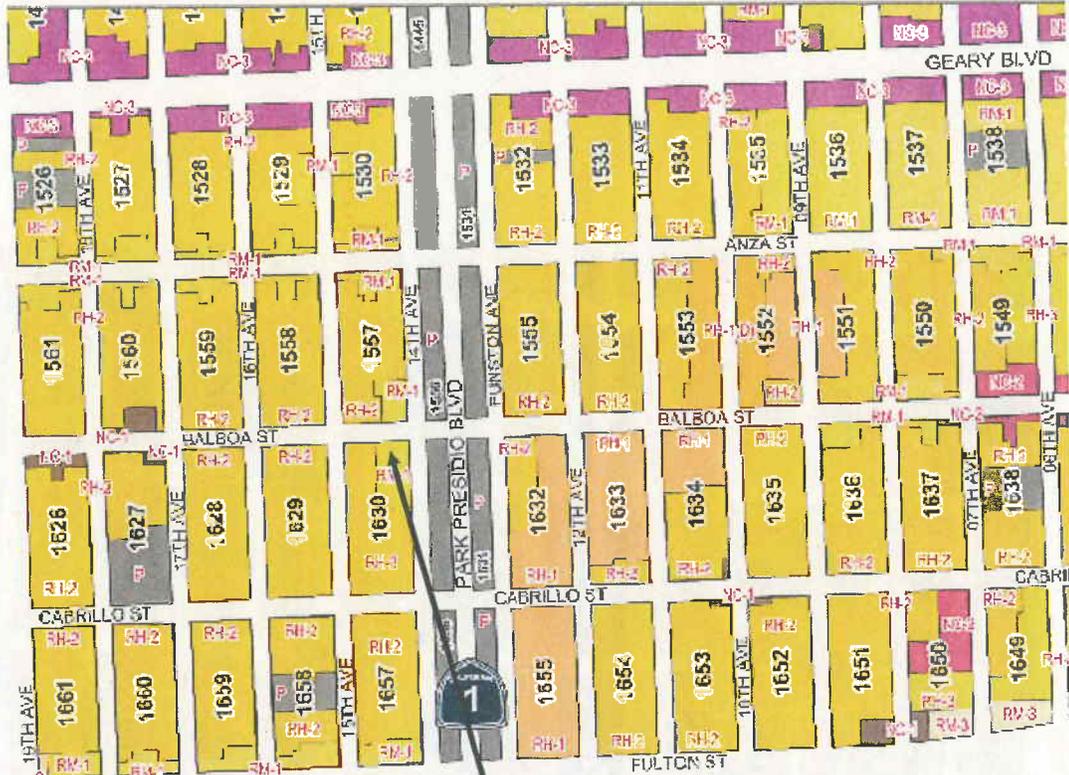
18. **Transfer of Operation – WTS.** Any carrier/provider authorized by the Zoning Administrator or by the Planning Commission to operate a specific WTS installation may assign the operation of the facility to another carrier licensed by the FCC for that radio frequency provided that such transfer is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

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

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

Zoning District Map



SUBJECT PROPERTY

ZONING USE DISTRICTS

RESIDENTIAL, HOUSE DISTRICTS

RH-1(D) RH-1 RH-1(S) RH-2 RH-3

RESIDENTIAL, MIXED (APARTMENTS & HOUSES) DISTRICTS

RM-1 RM-2 RM-3 RM-4

NEIGHBORHOOD COMMERCIAL DISTRICTS

NC-1 NC-2 NC-3 NCD NC-S

SOUTH OF MARKET MIXED USE DISTRICTS

SPD RED RSD SLR SLI SSO

COMMERCIAL DISTRICTS

C-2 C-3-S C-3-G C-3-R C-3-O C-3-O(SD)

INDUSTRIAL DISTRICTS

C-M M-1 M-2

CHINATOWN MIXED USE DISTRICTS

CRNC CVR CCB

RESIDENTIAL-COMMERCIAL DISTRICTS

RC-3 RC-4

REDEVELOPMENT AGENCY DISTRICTS

MB-RA HP-RA

DOWNTOWN RESIDENTIAL DISTRICTS

RH DTR TB DTR

MISSION BAY DISTRICTS

MB-OS MB-O

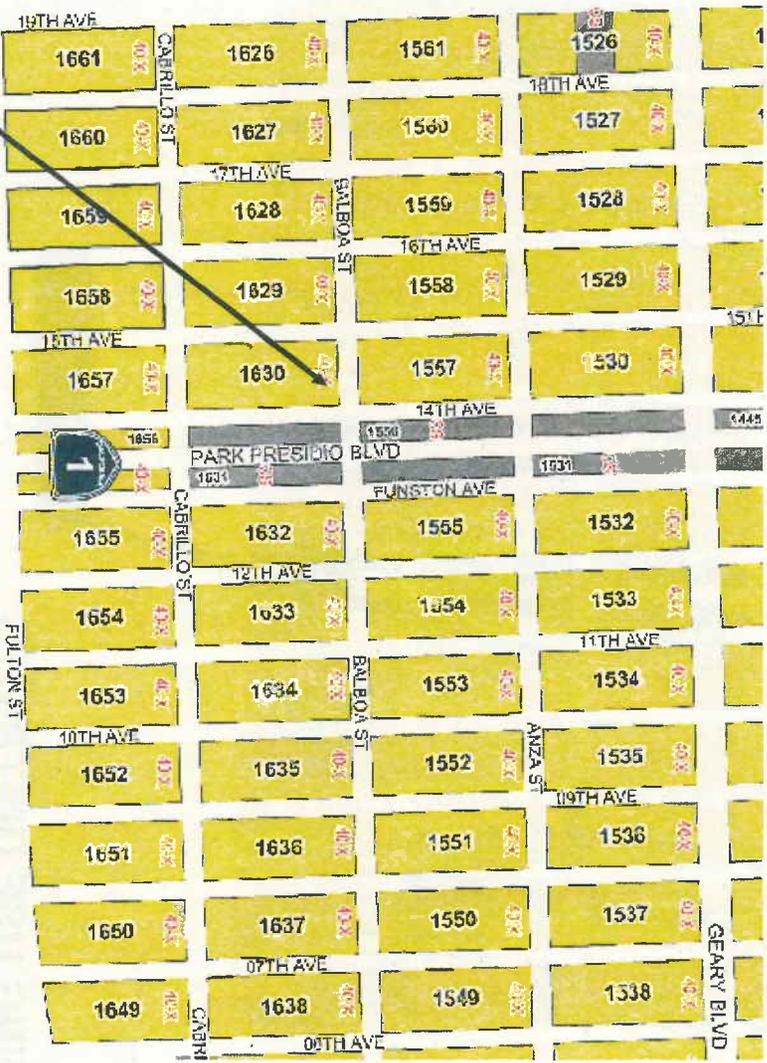
PUBLIC DISTRICT

P



Conditional Use Hearing
Case Number 2011.0198C
AT&T Wireless
601 - 14th Avenue

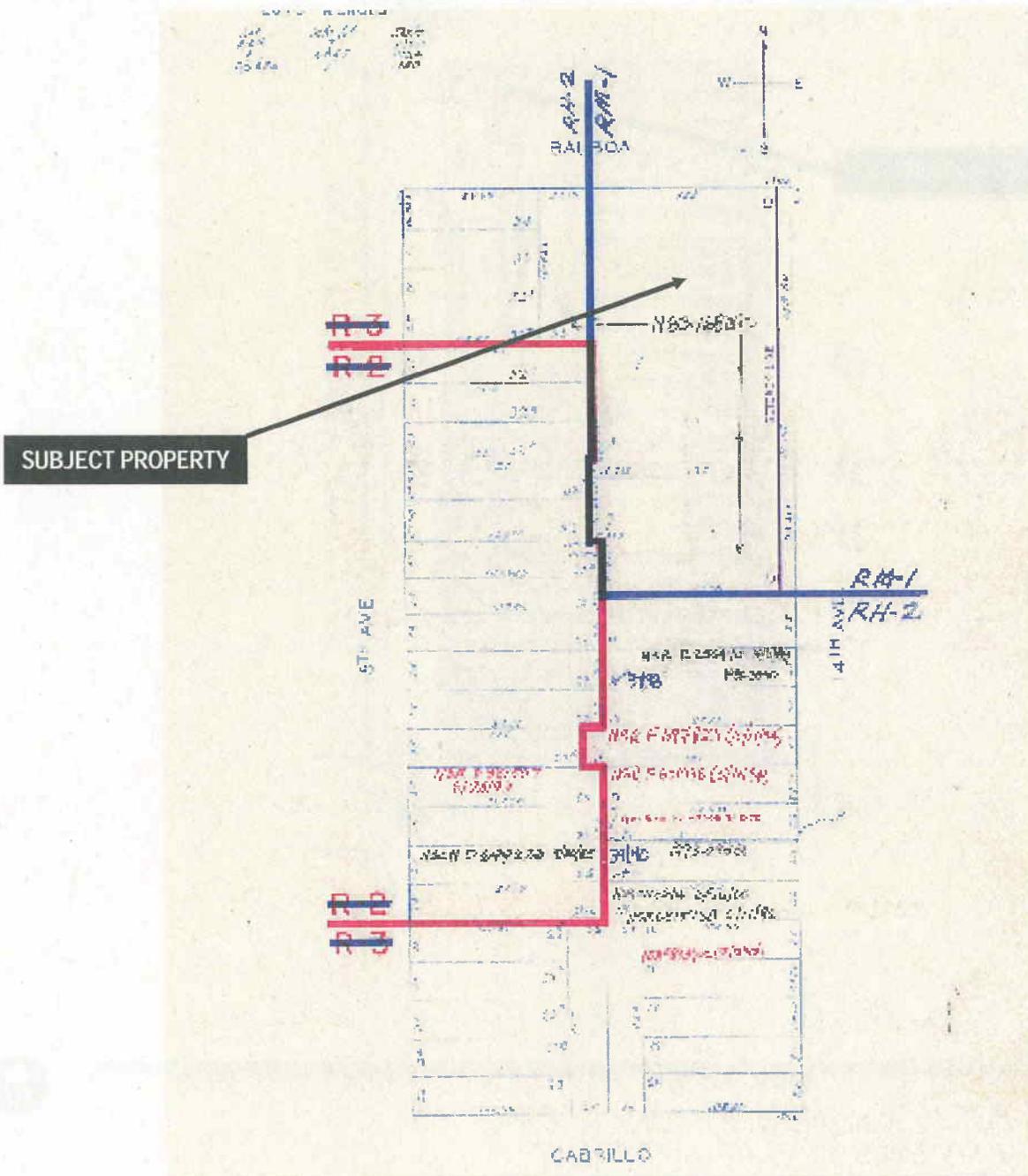
Height and Bulk Map



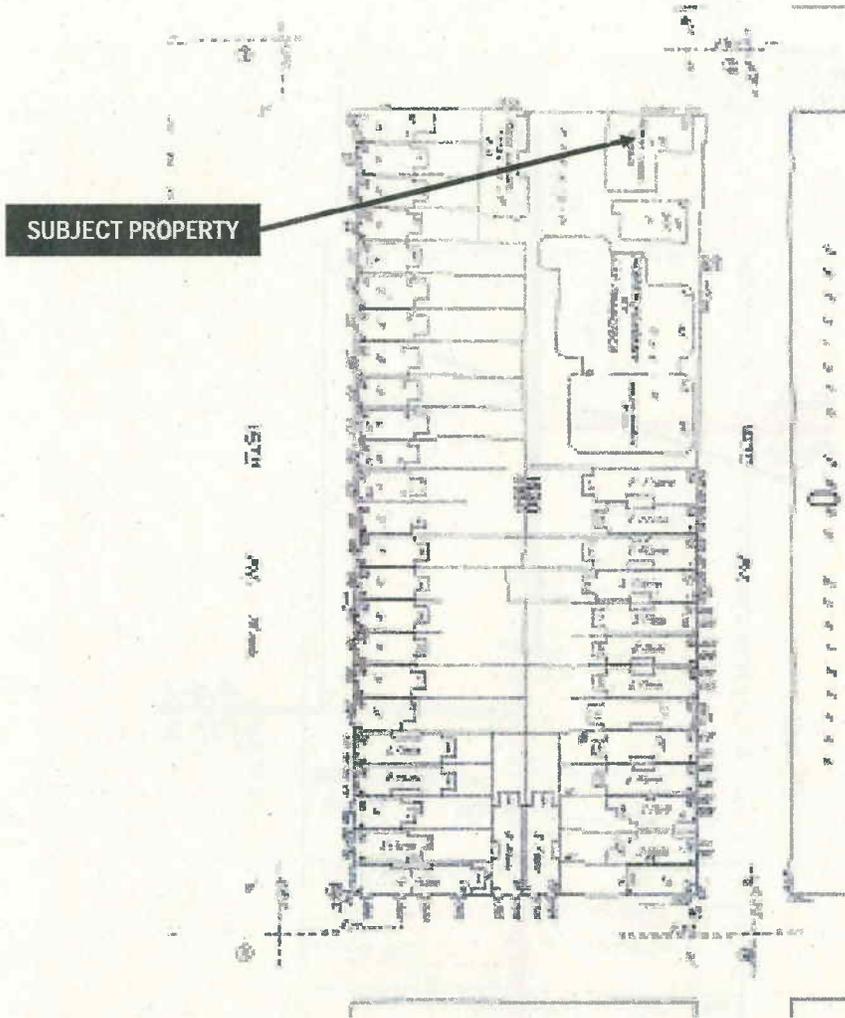
SUBJECT PROPERTY



Parcel Map



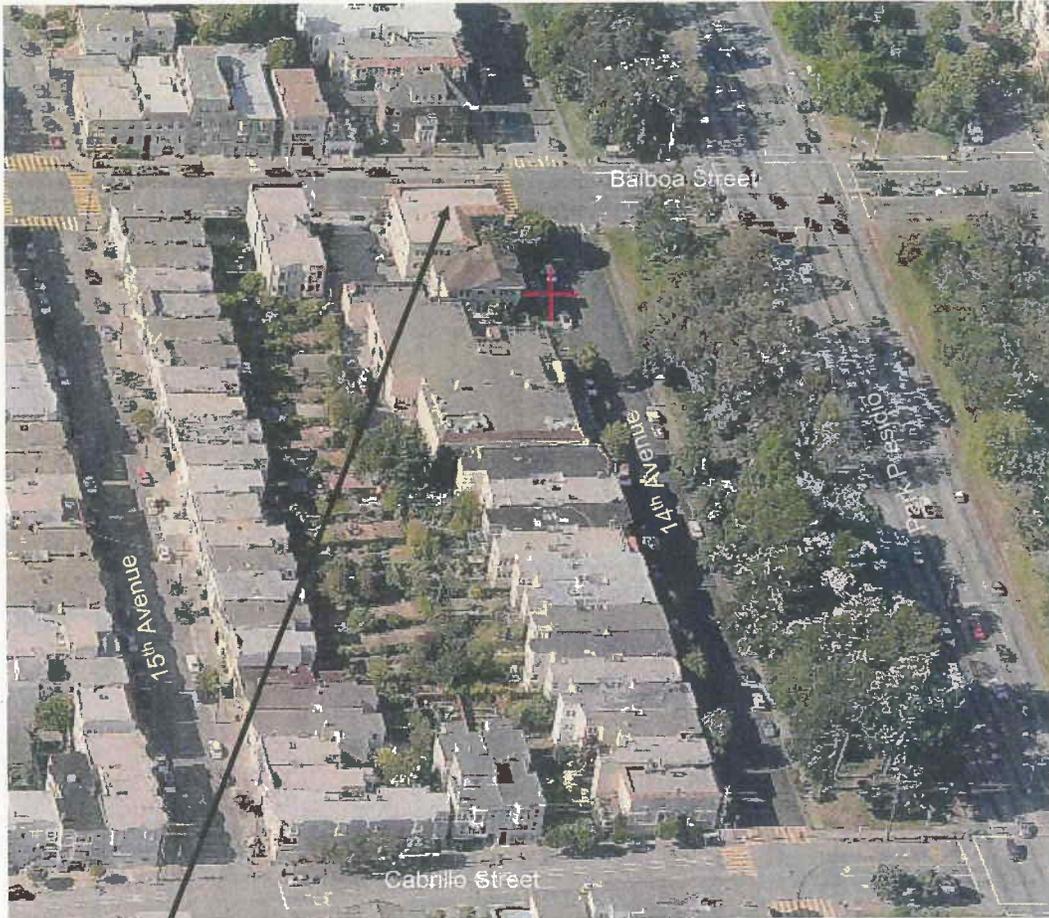
Sanborn Map*



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



Aerial Photo



SUBJECT PROPERTY



Photosimulation of the proposed telecommunication facility as seen looking southeast across Balboa Street

Existing

existing AT&T antennas to be removed



at&t

CN5531

Hebrew School

601 14th Avenue
San Francisco, CA 94118

Proposed

proposed AT&T antennas inside new RF transparent penthouse



Prepared by: **WW** 09.25.2011
WW Design & Consulting, Inc.
1654 Cambridge Court
Walnut Creek, CA 94598
info@photosims.com

Existing

existing AT&T antennas to be removed



CN5531

Hebrew School

601 14th Avenue
San Francisco, CA 94118

Proposed

proposed AT&T antennas inside new RF transparent chimney

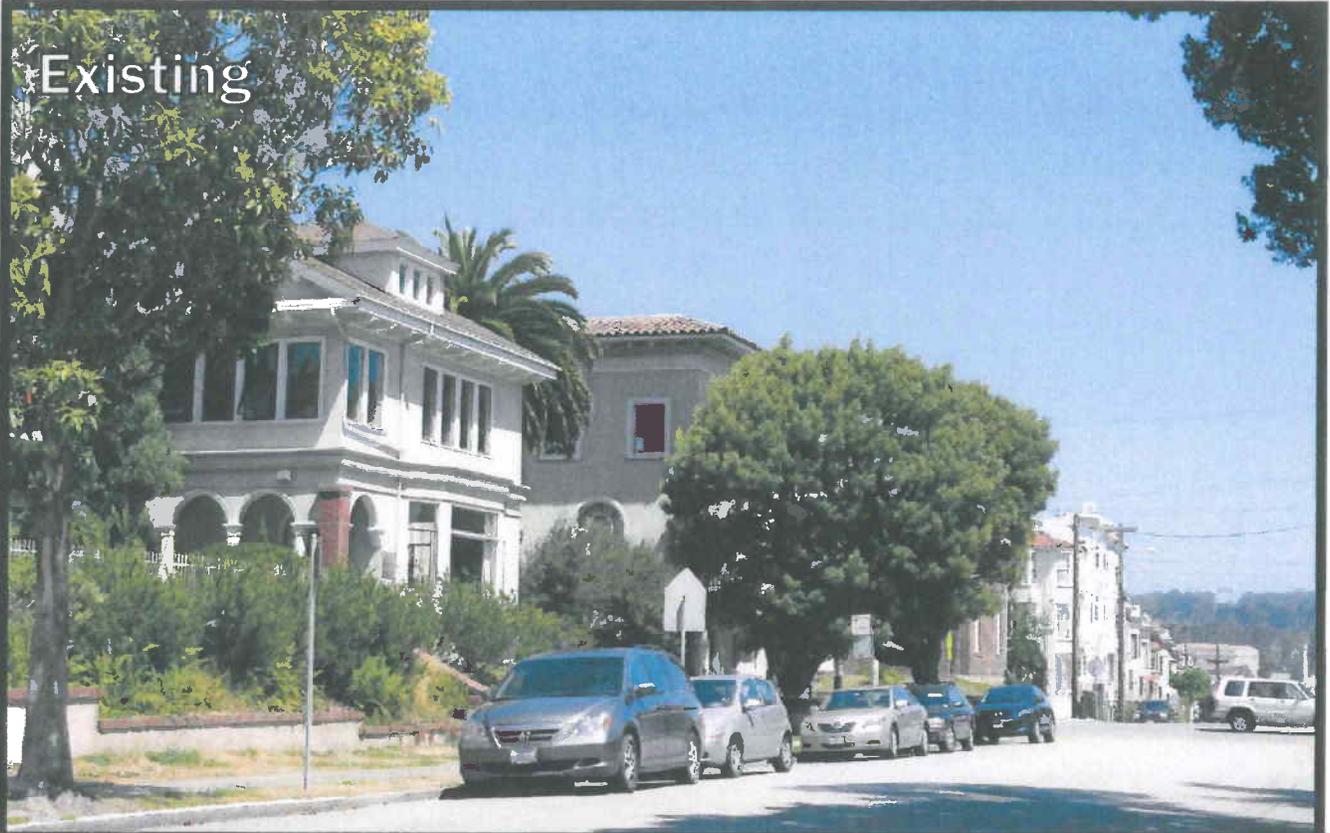


Prepared by: **WW** 09.26.2011
WW Design & Consulting, Inc.
1654 Candlero Court
Walnut Creek, CA 94598
info@photosims.com

Photosimulation of the proposed telecommunication facility as seen looking southwest from 14th Avenue

Photosimulation of the proposed telecommunication facility as seen looking north along 14th Avenue

Existing



CN5531

Hebrew School

601 14th Avenue
San Francisco, CA 94118

Proposed

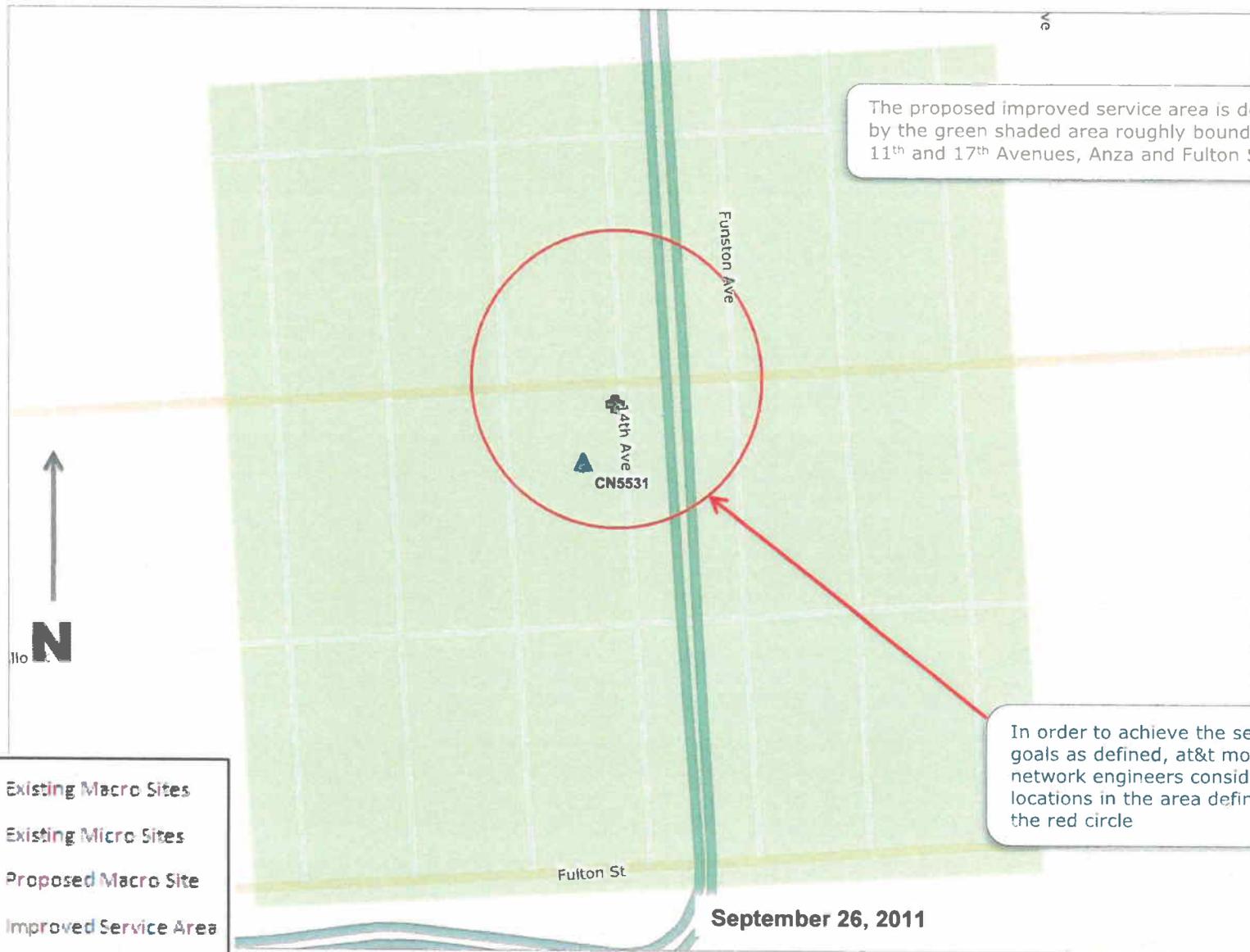
proposed AT&T antennas inside
new RF transparent penthouse



Prepared by: **WW** 09.25.2011
WW Design & Consulting, Inc.
1654 Candellero Court
Walnut Creek, CA 94598
Info@photosims.com

Service Improvement Objective (CN5531)

601 14th Ave



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

Proposed Site at 601 14th Ave (CN5531)

Service Area BEFORE site is constructed

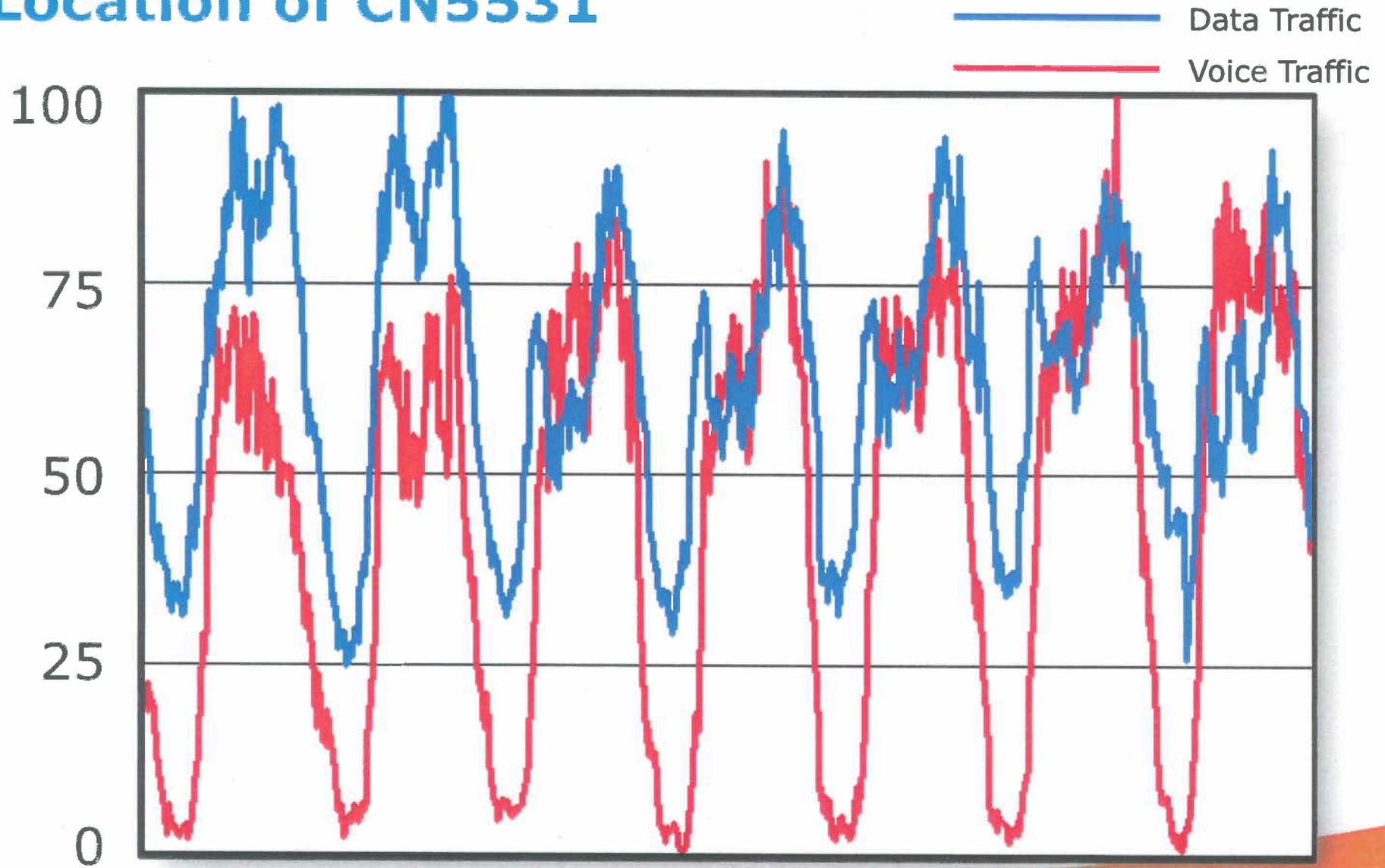


Proposed Site at 601 14th Ave (CN5531)

Service Area AFTER site is constructed



Current 7-Day Traffic Profile for the Location of CN5531



September 26, 2011

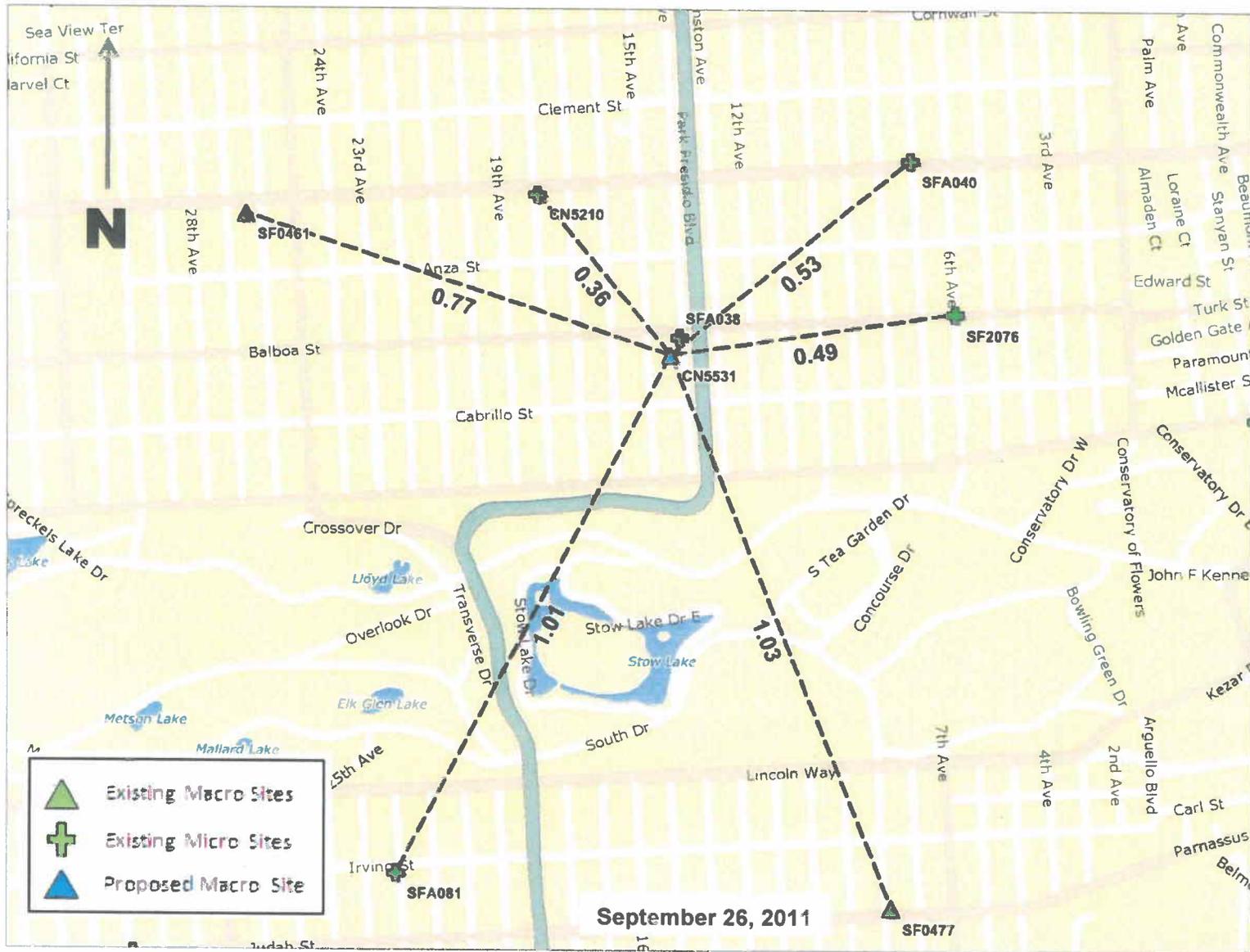


Current 24-Hour Traffic Profile for the Location of CN5531



Existing Surrounding Sites at 601 14th Ave

CN5531



**AT&T Mobility • Base Station No. CN5531
601 14th Avenue • San Francisco, California**

Statement of Hammett & Edison, Inc., Consulting Engineers

The firm of Hammett & Edison, Inc., Consulting Engineers, has been retained on behalf of AT&T Mobility, a personal wireless telecommunications carrier, to evaluate proposed modifications to its existing base station (Site No. CN5531) located at 601 14th Avenue 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:

<u>Wireless Service</u>	<u>Frequency Band</u>	<u>Occupational Limit</u>	<u>Public Limit</u>
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 Mr. David Kelly, a qualified field technician contracted by Hammett & Edison, Inc., during normal business hours on February 9, 2011, a non-holiday weekday, and reference has been made to information provided by AT&T, including zoning drawings by Streamline Engineering and Design, Inc., dated September 27, 2011.

Checklist

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

AT&T had installed a pair of omnidirectional antennas on the northwest corner of the three-story building located at 601 14th Avenue. 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.

**AT&T Mobility • Base Station No. CN5531
601 14th Avenue • San Francisco, California**

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

Similar antennas for use by T-Mobile have been proposed to be on the building to the west of the site, located about 60 feet away.

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 remove its existing antennas and to install six Powerwave directional panel antennas – three Model P65-15-XLH-RR and three Model 7780 – within two enclosures, configured resemble chimneys, to be constructed above the roof. The antennas would be mounted with up to 4° downtilt at an effective height of about 42 feet above ground, 7½ feet above the roof, and would be oriented in pairs (one of each) toward 20°T, 120°T, and 220°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 6,590 watts, representing simultaneous operation at 1,780 watts for AWS, 2,210 watts for PCS, 1,710 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 observed buildings of similar height across and along Balboa Street, located at least 75 feet away.

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 by itself is calculated to be 0.027 mW/cm², which is 4.0% of the applicable public exposure limit. Ambient RF levels at the site are therefore estimated to be below 5% of the limit. The three-dimensional perimeter of RF levels equal to the public exposure limit is calculated to extend up to 57 feet out from the antenna faces and to much lesser distances above, below, and to the sides; this includes areas of the roof of the building but does not reach any publicly accessible areas.

AT&T Mobility • Base Station No. CN5531
601 14th Avenue • San Francisco, California

9. Describe proposed signage at site.

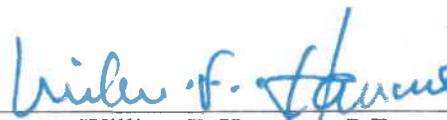
Due to their mounting locations, the AT&T antennas would not be accessible to the general public, and so no mitigation measures are necessary to comply with the FCC public exposure guidelines. To prevent occupational exposures in excess of the FCC guidelines, no access within 20 feet directly in front of the antennas themselves, such as might occur during maintenance work on the roof, should be allowed while the base station is in operation, unless other measures can be demonstrated to ensure that occupational protection requirements are met. Marking "Prohibited Access Areas" with red striping out to the edge of the roof in front of the antennas and posting explanatory warning signs* on the enclosures in front of 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.

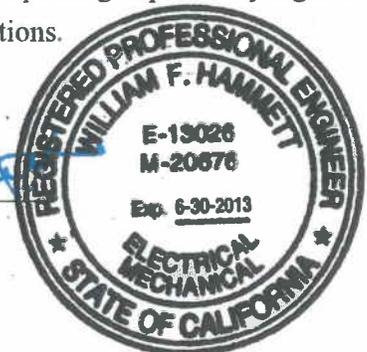
10. Statement of authorship.

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 the proposed operation of the AT&T Mobility base station located at 601 14th Avenue in San Francisco, California, will comply with the prevailing standards for limiting public exposure to radio frequency energy and, therefore, will not for this reason cause a significant impact on the environment. The highest calculated level in publicly accessible areas is much less than the prevailing standards allow for exposures of unlimited duration. This finding is consistent with measurements of actual exposure conditions taken at other operating base stations. Marking roof areas and posting explanatory signs is recommended to establish compliance with occupational exposure limitations.


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



September 28, 2011

* 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.

April 21, 2011

Sara Vellve, Planner
San Francisco Department of Planning
1660 Mission Street, 5th Floor
San Francisco, CA 94103

Re: Case No. 2011.0988C Community Meeting for proposed AT&T Mobility facility at 601 14th Avenue

Dear Ms. Vellve,

On April 20, 2011, AT&T mobility held a community meeting regarding the proposed wireless facility at 601 14th Avenue. The attached notification announced the community presentation was to be held at the Argonne Park at 463 18th Avenue, San Francisco, CA 94121 at 7:00 p.m. Notice of the meeting was mailed out on April 6, 2011 to 424 owners and tenants within 500 feet of the proposed installation and 7 neighborhood organizations.

I conducted the meeting on behalf of Ericsson and AT&T along with Tedi Vriheas representing AT&T External Affairs who was there to answer general AT&T network questions and Bill Hammett, a radio-frequency engineer with Hammett and Edison who was there to answer any questions regarding the EMF emissions from the proposed wireless facility. As part of the presentation, we discussed the existing design of the facility and also detailed an alternative design AT&T is evaluating which includes consolidating antenna Sectors A and C into one (1) chimney; resulting in a total of two (2) chimneys on the roof: four (4) antennas in one (1) chimney and two (2) antennas in the second.

Five (5) members of the community attended. Various questions were asked regarding the facility including locations of other AT&T facilities in the area, use compatibility, materials used for the construction of the facility and clarification on the FCC standards for radio frequency emission among others.

Prior to the meeting AT&T received two (2) calls from neighborhood residents who were not able to attend the meeting and wanted to express their support for the proposed installation. Both residents live near the proposed location in the neighborhood and experience limited coverage.

Please contact me if you have any questions regarding this letter or the submitted materials.

Sincerely,

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

Amy Million
KDI Planning
Representing AT&T Mobility

Attachments:

Community Meeting Notice
Affidavit
Neighborhood Groups List
Sign-Up Sheet

NOTICE OF NEIGHBORHOOD MEETING

To: Neighborhood Groups, Neighbors & Owners within 500' radius of 601 14th Avenue

Meeting Information

Date: April 20, 2011
Time: 7:00 p.m.
Where: Argonne Playground
463 18th Avenue
San Francisco, CA 94121

Site Information

Address: 601 14th Avenue
Block/Lot 1630 / 001
Zoning: RM-1

Applicant

AT&T Mobility

Contact Information

AT&T Mobility Hotline
(415) 646-0972

AT&T Mobility is proposing to upgrade an existing wireless communication facility at 601 14th Avenue, needed by AT&T Mobility as part of its San Francisco wireless network. The proposed project is an upgrade to an existing unmanned AT&T Mobility wireless telecommunication facility consisting of removing the existing AT&T Mobility facility and installing six (6) panel antennas placed on the roof within three (3) faux chimneys painted to match the building. The associated equipment cabinets will be located in the basement of the subject building. Plans and photo simulations will be available for your review at the meeting. You are invited to attend an informational community meeting located at the Argonne Playground, 463 18th Avenue on April 20, 2011 at 7:00p.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 Sara Velve, project planner with the San Francisco Department of City Planning at (415) 558-6263 if you have any questions regarding the planning process.

NOTE: If you require an interpreter to be present at the meeting, please contact our office at (415) 646-0972 no later than 5:00pm on Monday, April 18, 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 601 14th Avenue

Información de la reunión

Fecha: 20 de abril de 2011
Hora: 7:00 p.m.
Dónde: Argonne Playground
463 18th Avenue
San Francisco, CA 94121

Información del lugar

Dirección: 601 14th Avenue
Cuadra/Lote 1630/001
Zonificación: RM-1

Solicitante

AT&T Mobility

Información de contacto

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

AT&T Mobility propone una actualización de la instalación de comunicaciones inalámbricas actual en 601 14th Avenue necesaria para AT&T Mobility como parte de su red inalámbrica en San Francisco. La ubicación propuesta de AT&T Mobility es una mejora a una instalación sin personal que consta de la remoción de una instalación actual de AT&T Mobility y de la instalación de seis (6) antenas panel ubicadas en el techo detrás de tres (3) chimeneas falsas pintadas para hacer juego con el edificio. Los gabinetes de equipamiento asociado se encontrarán ubicados en el sótano del edificio. Habrá planos y fotos disponibles para que usted los revise en la reunión. Se lo invita a asistir a una reunión informativa de la comunidad que se realizará en Argonne Playground, 463 18th Avenue el 20 de abril 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 Sara Velve, planificadora de proyecto, en el Departamento de Planificación de la Ciudad de San Francisco al (415) 558-6263 si tiene alguna pregunta relacionada con el proceso de planificación.

NOTA: Si necesita que un intérprete esté presente en la reunión, por favor, contacte a nuestra oficina al (415) 646-0972 el lunes 18 de abril de 2011 antes de las 5:00 p.m., y haremos todos lo posible para proporcionarle un intérprete.

社區會議通知

致：14 號街 601 號周圍五百英尺內的社區組織、居民和業主

會議資訊

日期：2011 年 4 月 20 日
時間：下午 7:00
地點：加利福尼亞州三藩市 18 號街 463 號 Argonne Playground (郵編 94121)

設施地點資訊

地址：14 號街 601 號
街區 / 地段：1630/001
分區：RM-1

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 公司計畫升級位於 14 號街 601 號的一座現有的無線通訊設施，作為 AT&T Mobility 公司在三藩市無線網路的一部分。計畫的專案為升級現有的 AT&T Mobility 無人操作無線通訊設施，包括拆除現有的 AT&T Mobility 設施，另外在樓頂上的三 (3) 個仿煙囪內放置六 (6) 根平板天線。這些仿煙囪的粉刷將與建築保持一致。相關的設備櫃將被放置在該建築的地下室。我們在會上將提供計畫書和類比圖片供您參考。我們誠意邀請您參加定於 2011 年 4 月 20 日下午 7:00 在 18 號街 463 號 Argonne Playground 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) 558-6263 與三藩市城市規劃署的項目計畫員 Sara Velve 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 4 月 18 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。



**SAN FRANCISCO
PLANNING
DEPARTMENT**

DECLARATION OF INTENT FOR Wireless Telecommunications Facility Section 106 Review

Planning Department
1650 Mission Street
Suite 400
San Francisco, CA
94103-9425

T: 415.556.6376
F: 415.556.6409

A Section 106 evaluation is required for all new WTS facilities proposed on any structure 45 years of age and older, within 250 feet of an eligible historic district, or a significant alteration to an existing site. Complying with Section 106 of the National Historic Preservation Act (NHPA) is a statutory obligation that is separate and distinct from complying with the National Environmental Policy Act (NEPA). For more information, please visit the California Office of Historic Preservation web site, http://ohp.parks.ca.gov/?page_id=22327.

You must submit this affidavit along with the Wireless Telecommunications Facility checklist to the Planning Department.

Declaration of Intent for Section 106 Review

I, Jennifer Estes, do hereby declare as follows:

a. The subject Wireless Telecommunications Facility is located at (address):

601 14th Avenue

Address

b. I am aware that, according to Section 106 of the NHPA that evaluation is required for all new WTS facilities proposed on any structure 45 years of age and older, within 250 feet of an eligible historic district, or a significant alteration to an existing site; and intend to comply with all said requirements.

c. I am a duly authorized officer or owner of the subject business.

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

Executed on this day, March 1, 2011, in

430 Bush St., San Francisco CA

Location


Signature

Jennifer Estes, Project Manager for AT&T Mobility

Name (Print), Title

415.774.1248

Contact Phone Number

AT&T MOBILITY CONDITIONAL USE PERMIT APPLICATION
601 14TH AVENUE

STATEMENT OF GORDON SPENCER

I served as AT&T's radio frequency engineer with respect to the proposed wireless communications facility at 601 14th Avenue (the "Property"). Based on my personal knowledge of the Property and with AT&T's wireless network, as well as my review of AT&T's records with respect to the Property and its wireless telecommunications facilities in the surrounding area, I have concluded that the work associated with this permit request is needed to close a significant service coverage gap in the area roughly bordered by 17th Avenue, Anza and Fulton Streets, and 11th Avenue. As explained below, the service coverage gap is caused by obsolete and inadequate infrastructure along with increased use of wireless broadband services (3G Smartphone) in the area.

AT&T installed the existing wireless equipment years ago as an accessory use to the Property. This site was never designed to provide service coverage for the surrounding area, and the coverage provided beyond the Property is not sufficient. AT&T seeks to replace the existing infrastructure because the following limitations cause quality of service issues, which are exacerbated with increased usage. First, the existing antennas cannot be down-tilted and, as a result, tend to over propagate along intersecting streets. This causes downlink interference to mobile devices that are connected to other sites. The new antennas may be down-tilted and remedy this problem.

Second, the existing equipment does not have uplink diversity, which causes mobile devices connected to this site to transmit at a higher level. The higher level transmission causes increased noise that saturates the uplink for both this site and on surrounding sites. This, in turn, leads to mobile devices connected to other sites increasing their power to overcome the high uplink noise level, which cause the same noise issues described below as sites that experience service coverage gaps during high demand periods. The new equipment addresses this problem because it has uplink diversity.

Third, the existing antennas are too low to the ground and, as a result, do not provide acceptable in-building coverage beyond the buildings they are near and do not provide acceptable coverage on adjacent streets. The new antennas are higher and, combined with the ability to be down-tilted, will provide broader service coverage, especially in-building coverage. As explained further in Exhibit 1, AT&T's existing facilities cannot adequately serve its customers in the desired area of coverage, let alone address rapidly increasing data usage. Although there is reasonable outdoor signal strength in the area, coverage indoors is weak and the quality of service overall is unacceptable.

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

Exhibit 2 to this Statement is a map of existing service coverage (without the proposed installation at the Property) in the area at issue. It includes service coverage provided by existing AT&T sites. The green shaded areas depict areas within a Signal-to-Noise range that provide acceptable service coverage even during high demand periods. Thus, based upon current usage, customers are able to initiate and complete voice or data calls either outdoors or most indoor areas at any time of the day, independent of the number of users on the network. The yellow

shaded cross-hatched areas depict areas within a Signal-to-Noise range that results in a service coverage gap during high demand periods. In this area, severe service interruptions occur during periods of high usage, but reliable and uninterrupted service may be available during low demand periods. The pink shaded areas depict areas within a Signal-to-Noise range where there is a service coverage gap at all times, especially indoors. The availability of reliable and uninterrupted voice and data service in all three of these areas can depend greatly upon whether a particular user is indoors, outdoors, stationary, or in transit. Under AT&T's wireless customer service standards, any area in the pink or yellow cross-hatched category is considered inadequate service coverage and constitutes a service coverage gap.

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

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

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



Gordon Spencer

September 28, 2011

**Contextual Photos – 601 14th Avenue
2011.198C AT&T Mobility**



View of adjacent property to the south of subject building on 14th Avenue



View of western blockface of 14th Avenue looking north from Balboa Street



View of northern blockface of Balboa Street looking west from 14th Avenue



View of western blockface of 14th Avenue looking south from Balboa Street



View of southern blockface of Balboa Street looking west from 14th Avenue



Looking northeast across Balboa from subject building



at&t

HEBREW SCHOOL
601 14TH AVE
SAN FRANCISCO, CA 94118
CN5531

HEBREW SCHOOL

CN5531
 601 14TH AVE
 SAN FRANCISCO, CA 94118

ISSUE STATUS

DATE	DESCRIPTION	BY
08/09/10	CLIENT REV	C.M.
02/05/11	CLIENT REV	J.S.
05/04/11	CLIENT REV	J.S.
05/25/11	PLAN CHECK	K.P.
09/15/11	PLAN CHECK	J.S.
09/27/11	CLIENT REV	M.S.

DRAWN BY: C. MCTZ

CHECKED BY: C. MATHESON

APPROVED BY: --

DATE: 09/27/11

PROJECT DESCRIPTION

A MODIFICATION TO AN (E) UNMANNED TELECOMMUNICATION FACILITY CONSISTING OF REMOVING & REPLACING (E) AT&T EQUIPMENT & ADDING (S) (P) RES CABINETS, A (P) RBA72 CABINET, & (S) RBU CABINETS LOCATED INSIDE; A (P) 16'-4"X16'-4" GROUND LEASE AREA. ALSO REMOVING (E) OWN ANTENNAS AND ADDING (S) (P) ANTENNAS ON THE ROOF INSIDE (S) (P) FRP FAUX CHIMNEYS, PAINT & TEXTURE TO MATCH (E) BUILDING.

PROJECT INFORMATION

SITE NAME:	HEBREW SCHOOL	SITE #	CN5531
COUNTY:	SAN FRANCISCO	JURISDICTION:	CITY OF SAN FRANCISCO
SIDOCK/LDT:	1630-001, 1630-005 & 0630-007	POWER:	PG&E
SITE ADDRESS:	601 14TH AVE SAN FRANCISCO, CA 94118	TELEPHONE:	AT&T
CURRENT ZONING:	RM-1		
CONSTRUCTION TYPE:	V-B, NOT SPRINKLERED		
OCCUPANCY TYPE:	UNMANNED COMMUNICATIONS FACILITY		
HEIGHT / BULK:	40-X		
PROPERTY OWNER:	JEWISH EDUCATIONAL SOCIETY OF SAN FRANCISCO 639 14TH AVE SAN FRANCISCO, CA 94118		
APPLICANT:	AT&T 4430 ROSEWOOD DR BLDG 3, 6TH FLOOR PLEASANTON, CA 94688		
LEASING CONTACT:	ATTN: COREY ALVIN (415) 760-9783		
ZONING CONTACT:	ATTN: AMY MILLION (949) 307-6431		
CONSTRUCTION CONTACT:	ATTN: SILVON GREEN (845) 878-4243		
LATITUDE:	N 37° 46' 36.06" NAD 83		
LONGITUDE:	W 122° 26' 22.32" NAD 83		
AMSL:	± 222.6'		

VICINITY MAP



DRIVING DIRECTIONS

FROM: 4430 ROSEWOOD DR BLDG 3, 6TH FLOOR, PLEASANTON, CA 94588
 TO: 601 14TH AVE, SAN FRANCISCO, CA 941218

- START OUT GOING SOUTHEAST ON ROSEWOOD DR TOWARD OLD SANTA RITA RD. 0.5 MI
- TURN LEFT ONTO SANTA RITA RD. 0.3 MI
- STAY STRAIGHT TO GO ONTO TASSAJARA RD. 0.1 MI
- MERGE ONTO I-580 W TOWARD OAKLAND. 28.5 MI
- MERGE ONTO I-80 W VIA THE EXIT ON THE LEFT TOWARD SAN FRANCISCO (PORTLAND TOLL). 8.2 MI
- MERGE ONTO US-101 N/CENTRAL FWY TOWARD GOLDEN GATE BRIDGE. 1.1 MI
- US-101 N/CENTRAL FWY BECOMES OCTAVIA BLVD. 0.3 MI
- TURN LEFT ONTO FELL ST. 1.6 MI
- TURN RIGHT ONTO STANFAN ST. 0.2 MI
- TURN LEFT ONTO FULTON ST. 1.0 MI
- TURN RIGHT ONTO 14TH AVE. 0.2 MI

END AT: 601 14TH AVE, SAN FRANCISCO, CA 941218

ESTIMATED TIME: 56 MINUTES ESTIMATED DISTANCE: 41.91 MILES

CODE COMPLIANCE

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

- 2010 CALIFORNIA ADMINISTRATIVE CODE (INCL. TITLES 24 & 25)
- 2010 CALIFORNIA BUILDING CODE
- 2010 CALIFORNIA ELECTRICAL CODE
- 2010 CALIFORNIA MECHANICAL CODE
- 2010 CALIFORNIA PLUMBING CODE
- 2010 CALIFORNIA FIRE CODE
- LOCAL BUILDING CODES
- CITY/COUNTY ORDINANCES
- ANSI/EIA-TIA-222-G

ALONG WITH ANY OTHER APPLICABLE LOCAL & STATE LAWS AND REGULATIONS

DISABLED ACCESS REQUIREMENTS

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

SHEET INDEX

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

APPROVAL

RF
LEASING
ZONING
CONSTRUCTION
AT&T
ERICSSON

Streamline Engineering
 4000 UNIVERSITY AVENUE, SUITE 100
 SAN FRANCISCO, CA 94116
 415.775.4100
 415.775.4101
 3288 PENNY RD. SUITE 200 LOOMIS, CA 95660
 E. LINDA LERRY HIGHTOWER, PHONE 916-975-4100
 E. LINDA LERRY HIGHTOWER, PHONE 916-975-4101
 WWW.STREAMLINEENGINEERING.COM
 REGISTERED PROFESSIONAL ENGINEER, CIVIL
 LICENSE NO. 45123
 REGISTERED PROFESSIONAL ENGINEER, ELECTRICAL
 LICENSE NO. 45123

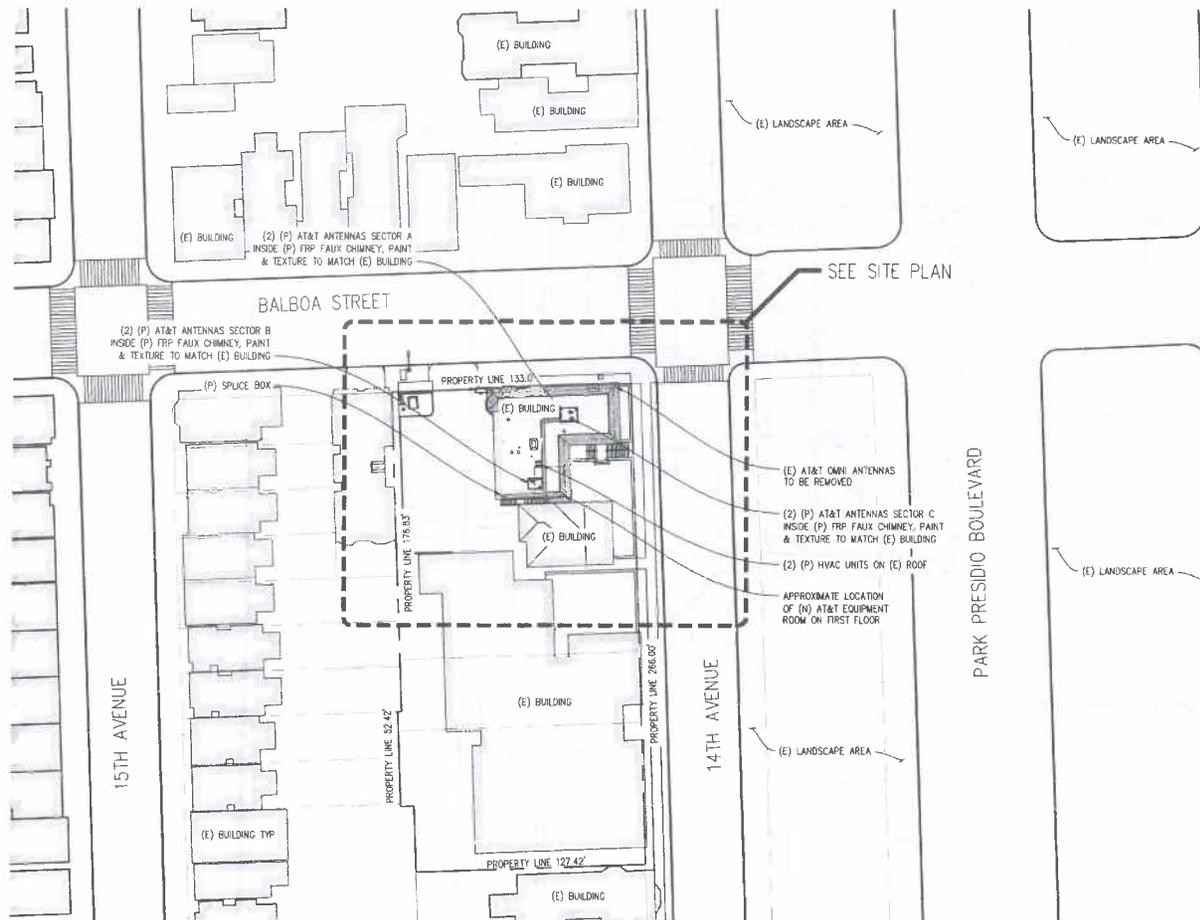
at&t
 4430 ROSEWOOD DR BLDG 3, 6TH FLOOR
 PLEASANTON, CA 94688

SHEET TITLE:

TITLE

SHEET NUMBER:

T-1



OVERALL SITE PLAN

1"=30'-0"



HEBREW SCHOOL
 801 HEBREW AVE
 SAN FRANCISCO, CA 94118
 CN5531

ISSUE STATUS

Δ	DATE	DESCRIPTION	BY
	08/09/10	CLIENT REV	C.M.
	02/05/11	CLIENT REV	J.S.
	02/04/11	CLIENT REV	J.S.
	05/31/11	PLAN CHECK	K.P.
	09/15/11	PLAN CHECK	J.S.
	09/27/11	CLIENT REV	M.S.

DRAWN BY: C. METZ

CHECKED BY: C. MATHISEN

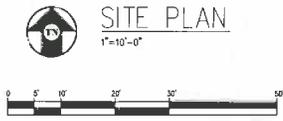
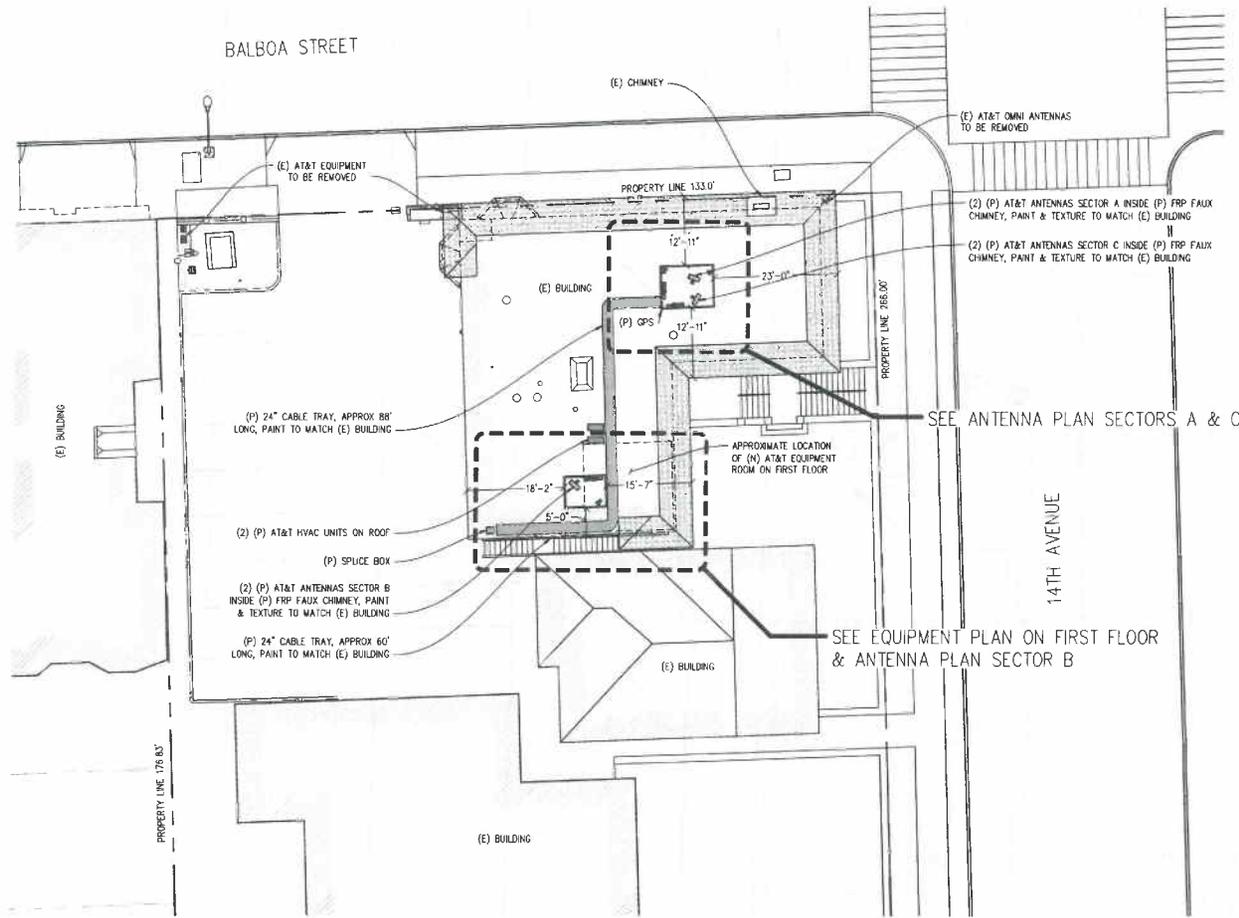
APPROVED BY: -

DATE: 09/27/11

Streamline Engineering
 3700 Park Ave. Suite 250, Emeryville, CA 94608
 Contact Larry Houghner Phone: 916-735-4180
 E-Mail: larry@streamlineeng.com Fax: 916-880-1941
Streamline Engineering, Inc. is an Equal Opportunity Employer. We are an Equal Opportunity Employer.

at&t
 480 ROSEWOOD DR. BLDG 3 6TH FLOOR
 PLEASANTON, CA 94566

SHEET TITLE:
 OVERALL SITE PLAN
SHEET NUMBER:
 A-1



HEBREW SCHOOL

CN5531
 601 14TH AVE
 SAN FRANCISCO, CA 94118

ISSUE STATUS

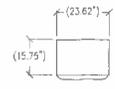
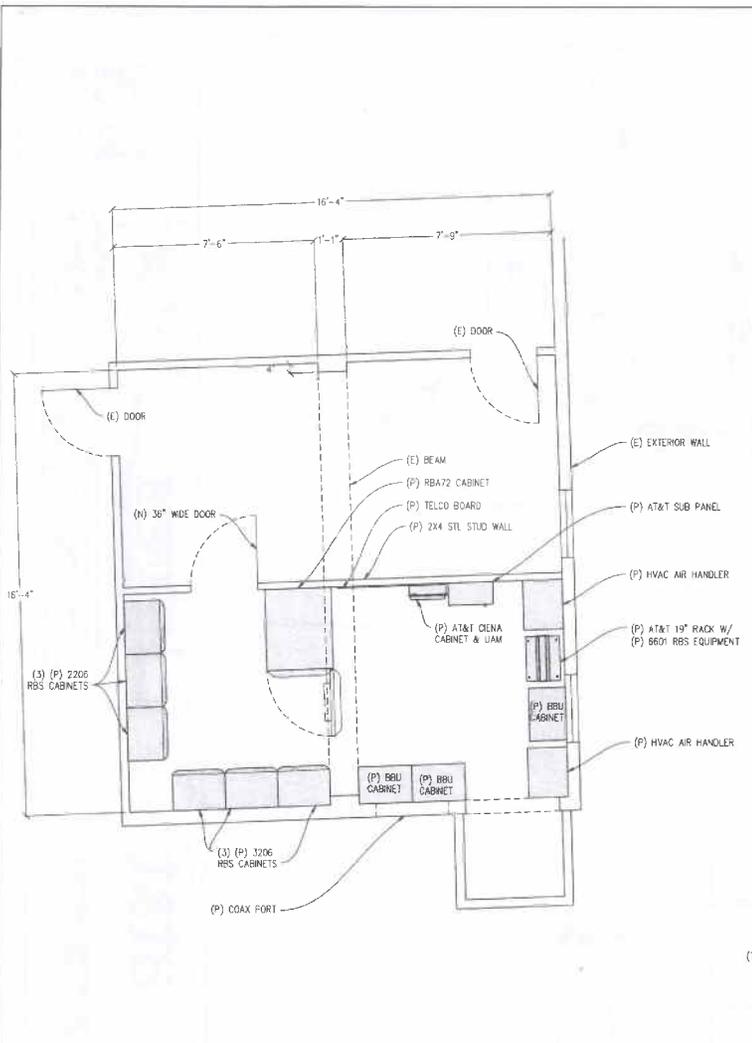
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02/05/11	CLIENT REV	J.S.
05/04/11	CLIENT REV	J.S.
05/23/11	PLAN CHECK	K.P.
09/15/11	PLAN CHECK	J.S.
09/27/11	CLIENT REV	M.S.

DRAWN BY: C. METZ
 CHECKED BY: C. MATHISEN
 APPROVED BY: _____
 DATE: 09/27/11

Streamline Engineering
CONSULTING INC.
 3288 Peiravn Rd. Suite 200 Loma, CA 94550
 Contact: Jerry Houghlady Phone: 916-275-4199
 E-mail: jerry@streamlineeng.com Fax: 916-268-1364
WE CAN HELP YOU WITH: COMMERCIAL ARCHITECTURE, INTERIOR DESIGN, PROJECT MANAGEMENT, CONSTRUCTION ADMINISTRATION, LEED CERTIFICATION, ASBESTOS ABATEMENT, ENVIRONMENTAL INVESTIGATION, HISTORIC PRESERVATION, SEISMIC EVALUATION, STRUCTURAL ANALYSIS, SURVEYING, UTILITIES, AND WATER TREATMENT.

at&t
 4400 ROSEWOOD DR. BLDG 3, 6TH FLOOR
 PLEASANTON, CA 94588

SHEET TITLE:
 SITE PLAN
 SHEET NUMBER:
 A-2



TOP VIEW

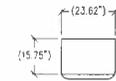


FRONT VIEW



RIGHT VIEW

1 RBS DETAIL
 $\frac{1}{2}''=1'-0''$
 ERICSSON RBS 2206



TOP VIEW

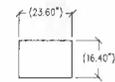


FRONT VIEW

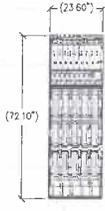


RIGHT VIEW

2 RBS DETAIL
 $\frac{1}{2}''=1'-0''$
 ERICSSON RBS 3206



TOP VIEW



FRONT VIEW

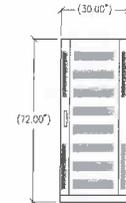


SIDE VIEW

3 BBU CABINET DETAIL
 $\frac{1}{2}''=1'-0''$
 4000 BBU CABINET



TOP VIEW

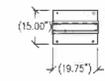


FRONT VIEW



RIGHT VIEW

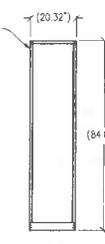
4 CABINET DETAIL
 $\frac{1}{2}''=1'-0''$
 COMMSCOPE RB472 CABINET



TOP VIEW



SIDE VIEW



FRONT VIEW

5 19" RACK DETAIL
 $\frac{1}{2}''=1'-0''$



EQUIPMENT PLAN

$\frac{1}{2}''=1'-0''$



HEBREW SCHOOL
 CN5531
 691 14TH AVE.
 SAN FRANCISCO, CA 94118

ISSUE STATUS

DATE	DESCRIPTION	BY
08/09/10	CLIENT REV	C.M.
02/05/11	CLIENT REV	J.S.
03/24/11	CLIENT REV	J.S.
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09/13/11	PLAN CHECK	J.S.
09/27/11	CLIENT REV	M.S.

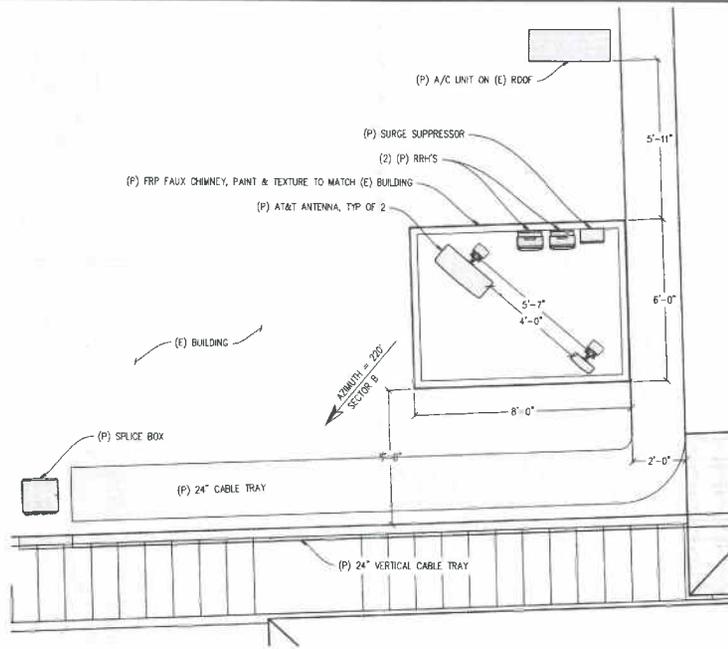
DRAWN BY: C. METZ
 CHECKED BY: C. MATHESEN
 APPROVED BY: -
 DATE: 09/27/11

Streamline Engineering
 COMMUNICATIONS
 3208 Pennyn Rd. Suite 200 Loomis, CA 95600
 Contact Larry Houghtley Phone: 916-275-4100
 E-Mail: larry@streamlineeng.com Fax: 916-251-1941

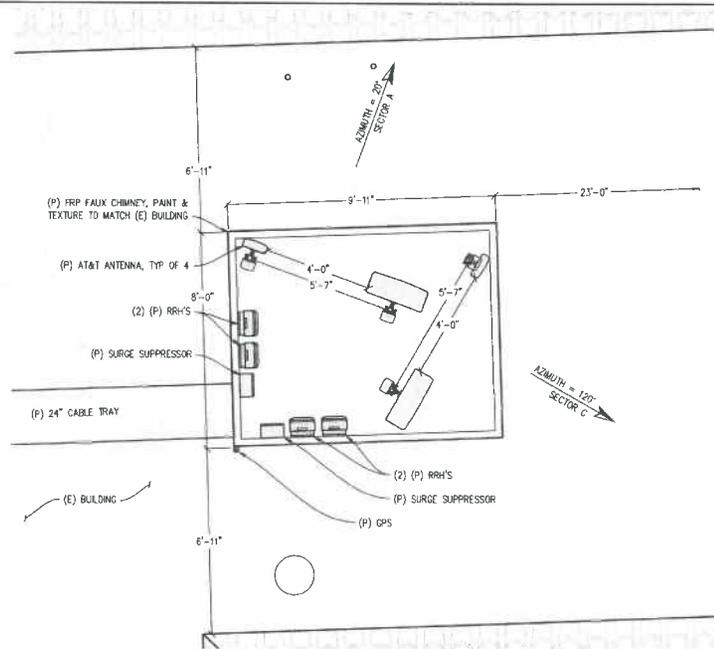
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at&t
 4430 ROSEWOOD DR BLDG 3 6TH FLOOR
 PLEASANTON, CA 94686

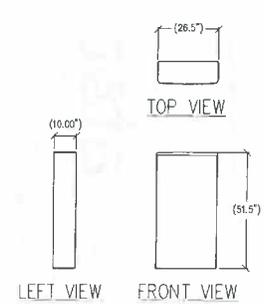
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 EQUIPMENT PLAN
 & DETAILS
 SHEET NUMBER:
A-3



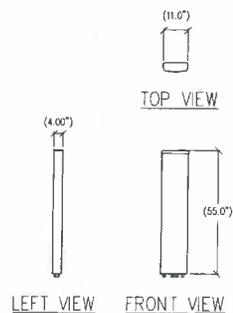
ANTENNA PLAN SECTOR B
1/2"=1'-0"



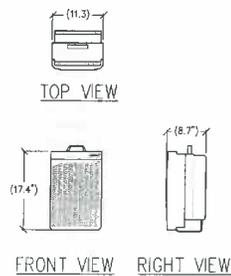
ANTENNA PLAN SECTORS A & C
1/2"=1'-0"



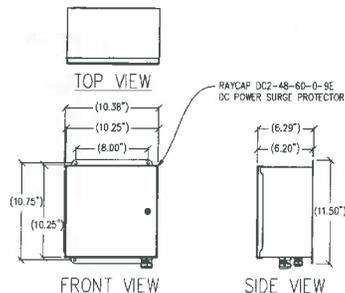
1 ANTENNA DETAIL
1/2"=1'-0"



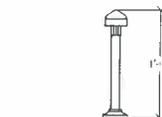
2 ANTENNA DETAIL
1/2"=1'-0"



3 RRH DETAIL
1"=1'-0"



4 DC SURGE SUPPRESSION DETAIL
1"=6"



5 GPS DETAIL
1"=6"

HEBREW SCHOOL

CN5531
4611 14TH AVE
SAN FRANCISCO, CA 94118

ISSUE STATUS

Δ	DATE	DESCRIPTION	BY
	06/09/10	CLIENT REV	C.M
	02/25/11	CLIENT REV	J.S
	05/10/11	CLIENT REV	J.S
	05/31/11	PLAN CHECK	K.P.
	09/15/11	PLAN CHECK	J.S
	09/27/11	CLIENT REV	M.S

DRAWN BY: C. METZ
CHECKED BY: C. MATHISEN
APPROVED BY: -
DATE: 09/27/11

Streamline Engineering

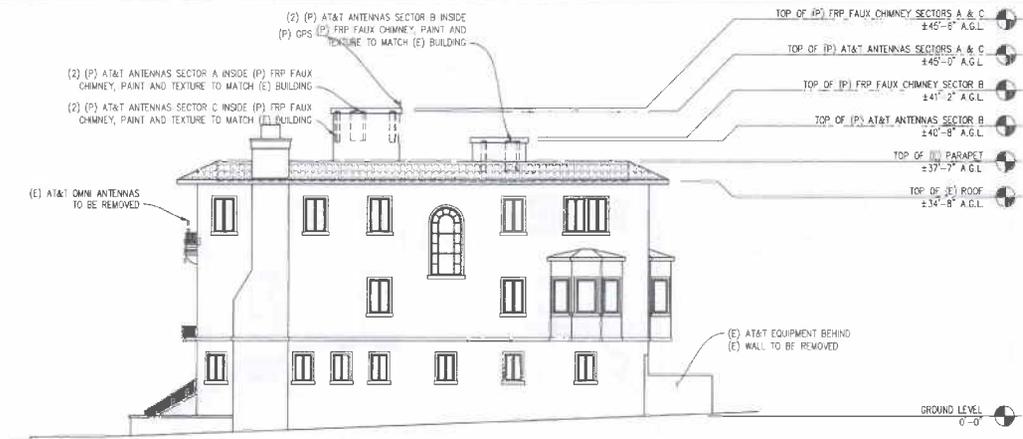
3288 Penryn Rd. Suite 200 Loomis, CA 95650
E-Mail: info@streamlineeng.com F: 916.980.1841
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4490 ROSEWOOD DR. BLDG 3, 6TH FLOOR
PLEASANTON, CA 94668

SHEET TITLE:
ANTENNA PLANS
& DETAILS
SHEET NUMBER:

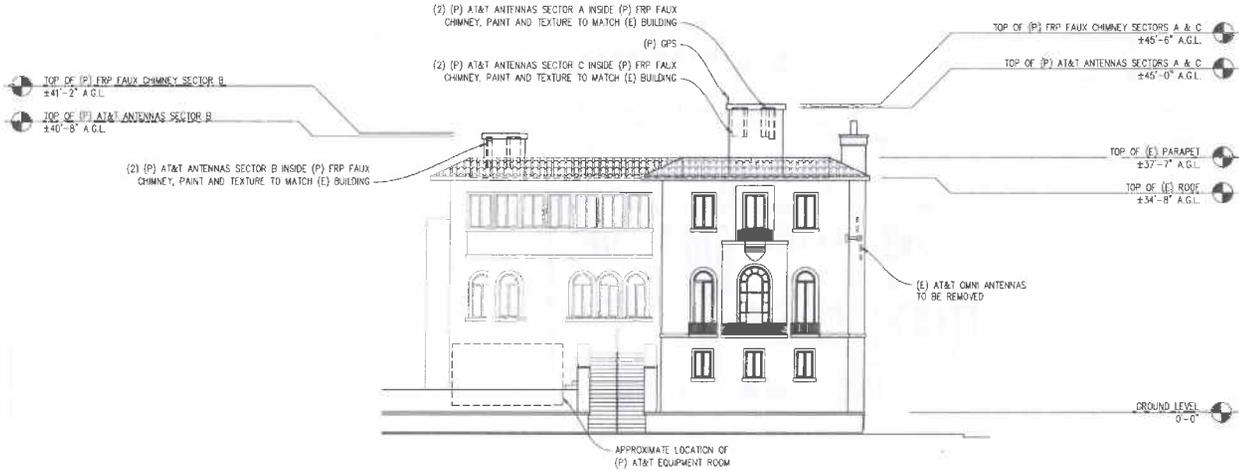
A-4



NORTH ELEVATION

1/8"=1'-0"
VIEWED FROM BALBOA STREET

NOTE:
FAUX CHIMNEY TO HAVE A SIMPLE SQUARE BAND, HALF THE WIDTH OF THE BAND ON THE EXISTING CHIMNEY.



EAST ELEVATION

1/8"=1'-0"
VIEWED FROM 14TH AVENUE

NOTE:
FAUX CHIMNEY TO HAVE A SIMPLE SQUARE BAND, HALF THE WIDTH OF THE BAND ON THE EXISTING CHIMNEY.

HEBREW SCHOOL
CN5531
601 14TH AVE
SAN FRANCISCO, CA 94118

ISSUE STATUS

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	05/09/10	CLIENT REV	C.M.
	05/05/11	CLIENT REV	J.S.
	05/04/11	CLIENT REV	J.S.
	05/31/11	PLAN CHECK	J.P.
	09/15/11	PLAN CHECK	J.S.
	09/27/11	CLIENT REV	M.S.

DRAWN BY: C. MELTZ
CHECKED BY: C. MATTHESEN
APPROVED BY: -
DATE: 09/27/11

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Professional Surveyor License No. 14343
Professional Geomatics License No. 14343

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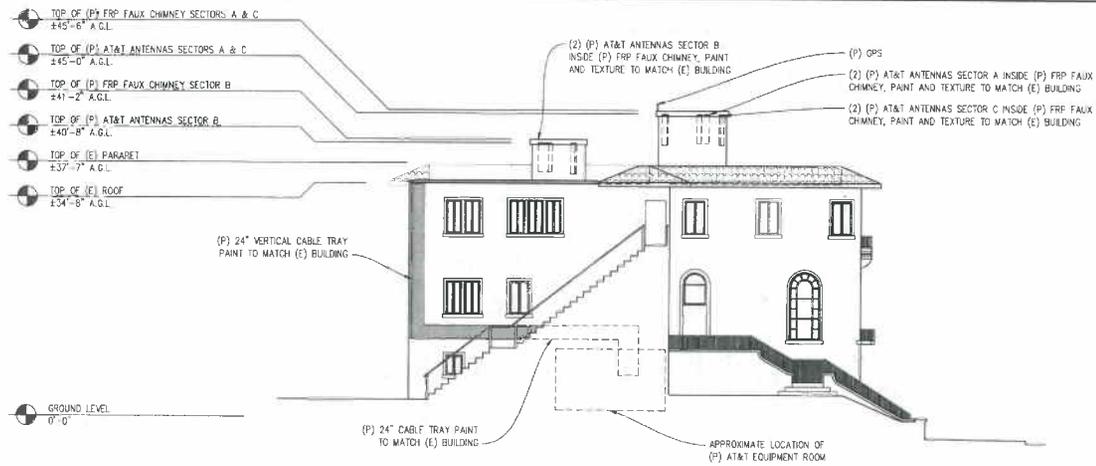
4430 ROSEWOOD DR. BLDG. 3, 6TH FLOOR
PLEASANTON, CA 94638

SHEET TITLE:

ELEVATIONS

SHEET NUMBER:

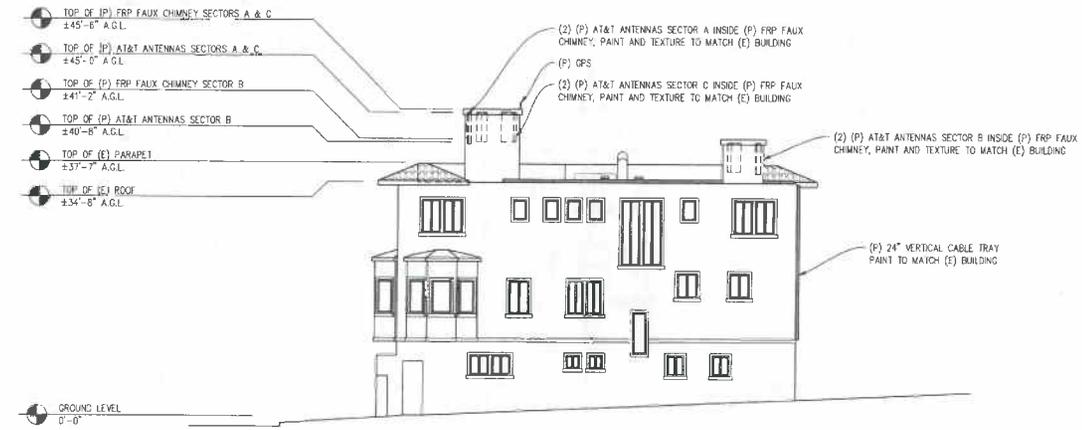
A5



SOUTH ELEVATION

1/8" = 1'-0"
VIEWED FROM CABRILLO STREET FROM INSIDE PARKING LOT

NOTE:
FAUX CHIMNEY TO HAVE A SIMPLE SQUARE BAND, HALF THE WIDTH OF THE BAND ON THE EXISTING CHIMNEY.



WEST ELEVATION

1/8" = 1'-0"
VIEWED FROM 15TH AVENUE FROM INSIDE PARKING LOT

NOTE:
FAUX CHIMNEY TO HAVE A SIMPLE SQUARE BAND, HALF THE WIDTH OF THE BAND ON THE EXISTING CHIMNEY.

HEBREW SCHOOL

4811 14TH AVE
SAN FRANCISCO, CA 94118

ISSUE STATUS

Δ	DATE	DESCRIPTION	BY
	08/09/10	CLIENT REV	C.M.
	02/05/11	CLIENT REV	J.S.
	05/04/11	CLIENT REV	J.S.
	06/21/11	PLAN CHECK	K.P.
	09/15/11	PLAN CHECK	J.B.
	09/27/11	CLIENT REV	M.S.

DRAWN BY: C. METZ

CHECKED BY: C. MATHISEN

APPROVED BY: -

DATE: 09/27/11

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SHEET TITLE:

ELEVATIONS

SHEET NUMBER:

A-6