I. Scale of Locale - Contextual Photographs

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

View SW Across Polk from the Proposed site

View of the Proposed Site and Adjacent Buildings East on Ellis

View of the Proposed Site and Adjacent Building South on Polk

View North Across Ellis

at&t

CN5543

Project Open Hand

730 Polk Street
San Francisco, CA 94109

Prepared by:
05.25.2011
WW Design & Consulting, Inc.
1654 Candelero Court
Walnut Creek, CA 94598
info@photosims.com

Photosimulation of the proposed telecommunication facility as seen looking southeast from Ellis Street

at&t

CN5543

Project Open Hand

730 Polk Street
San Francisco, CA 94109

Prepared by:
05.25.2011
WW Design & Consulting, Inc.
1654 Candelero Court
Walnut Creek, CA 94598
info@photosims.com

Photosimulation of the proposed telecommunication facility as seen looking south along Polk Street

at&t

CN5543

Project Open Hand

730 Polk Street
San Francisco, CA 94109

Prepared by:
02.23.2011
WW Design & Consulting, Inc.
1654 Candelero Court
Walnut Creek, CA 94598
info@photosims.com

Photosimulation of the proposed telecommunication facility as seen looking north from Polk Street

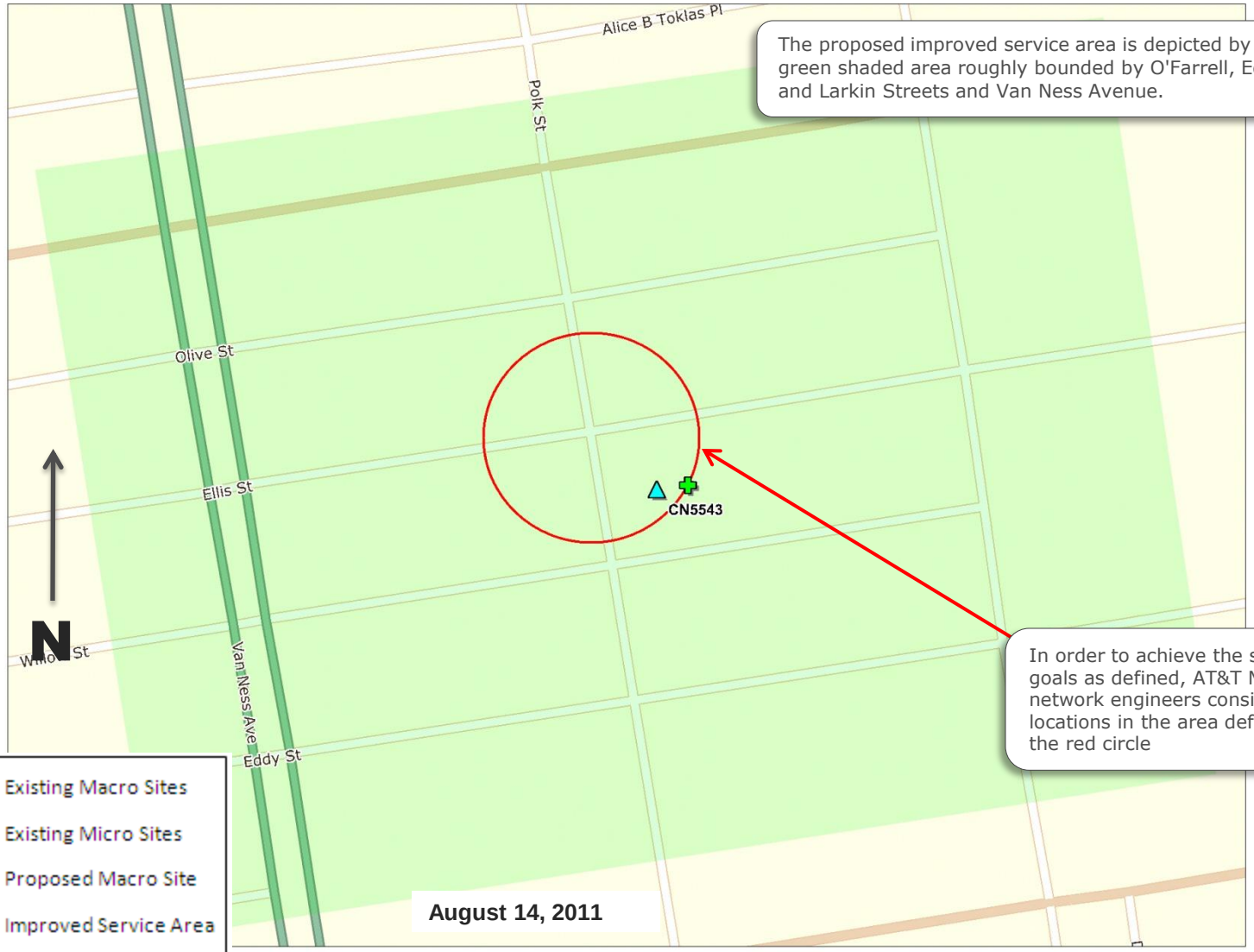
Photosimulation of the proposed telecommunication facility as seen looking west from Ellis Street

at&t **CN5543** **Project Open Hand** 730 Polk Street
San Francisco, CA 94109

Prepared by: 02.23.2011
WW Design & Consulting, Inc.
1654 Candelero Court
Walnut Creek, CA 94598
info@photosims.com

Service Improvement Objective (CN5543)

730 Polk Street



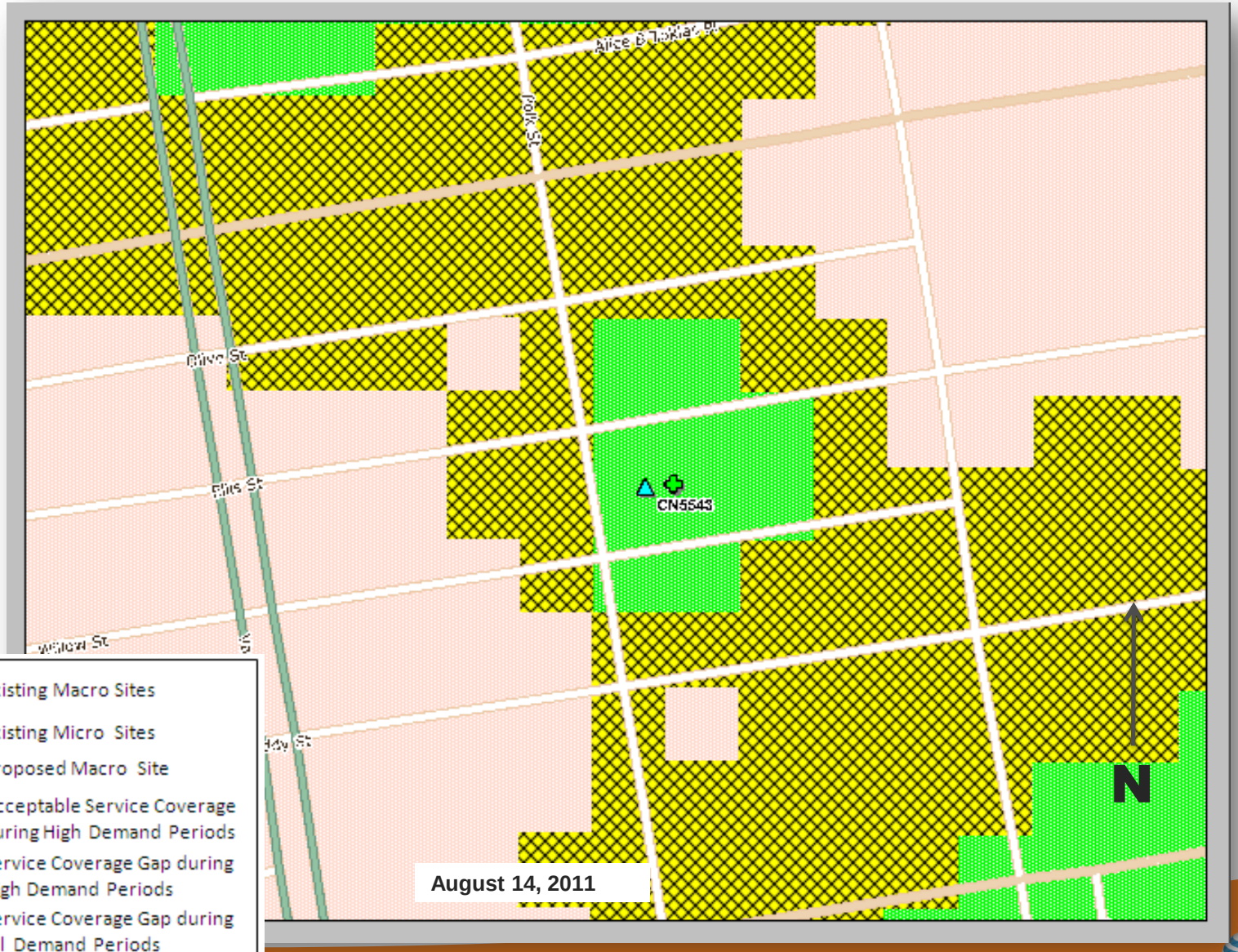
The proposed improved service area is depicted by the green shaded area roughly bounded by O'Farrell, Eddy and Larkin Streets and Van Ness Avenue.

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

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

Proposed Site at 730 Polk St. (CN5543)

Service Area BEFORE site is constructed

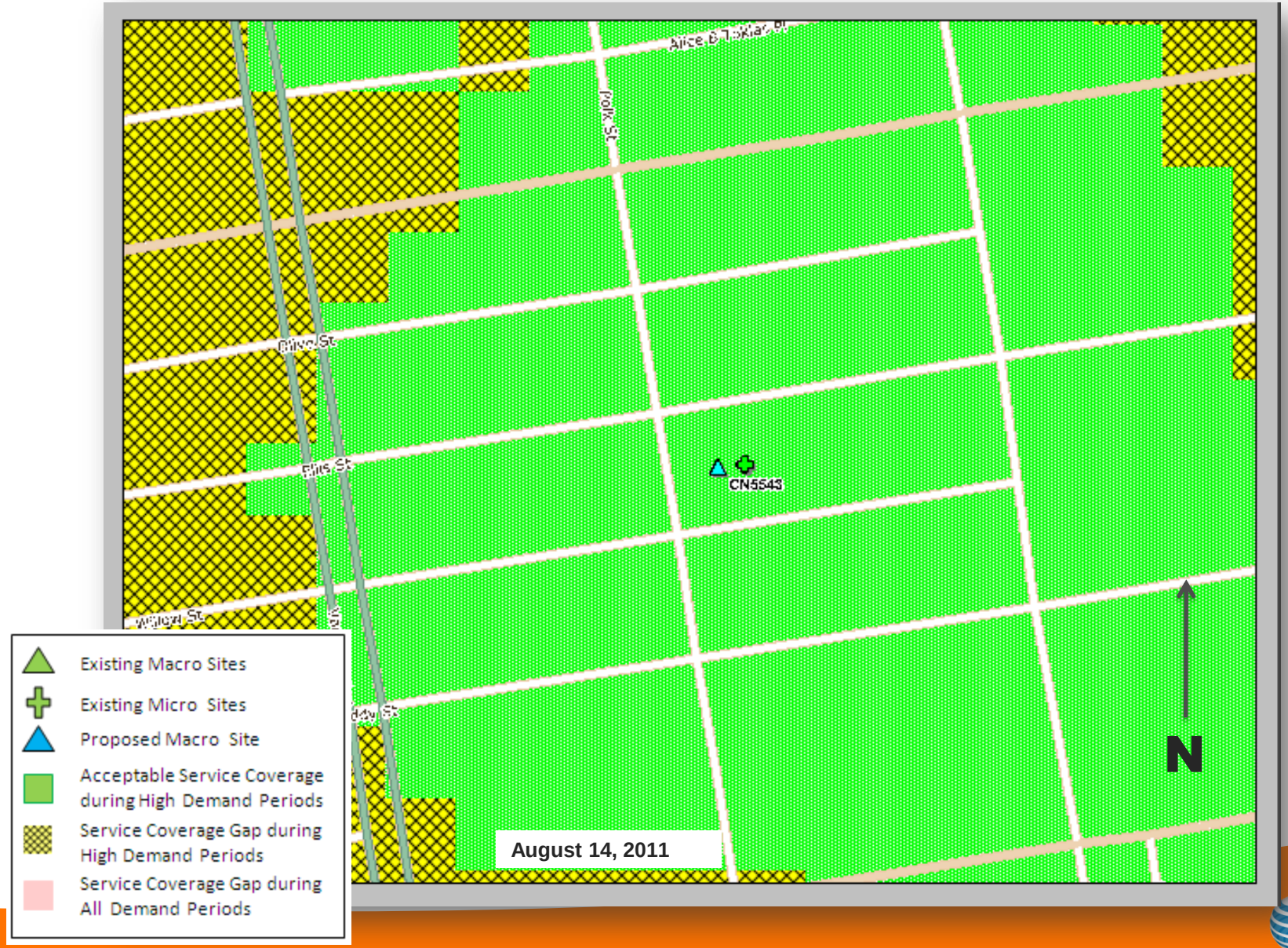


- Existing Macro Sites
- Existing Micro Sites
- Proposed Macro Site
- Acceptable Service Coverage during High Demand Periods
- Service Coverage Gap during High Demand Periods
- Service Coverage Gap during All Demand Periods

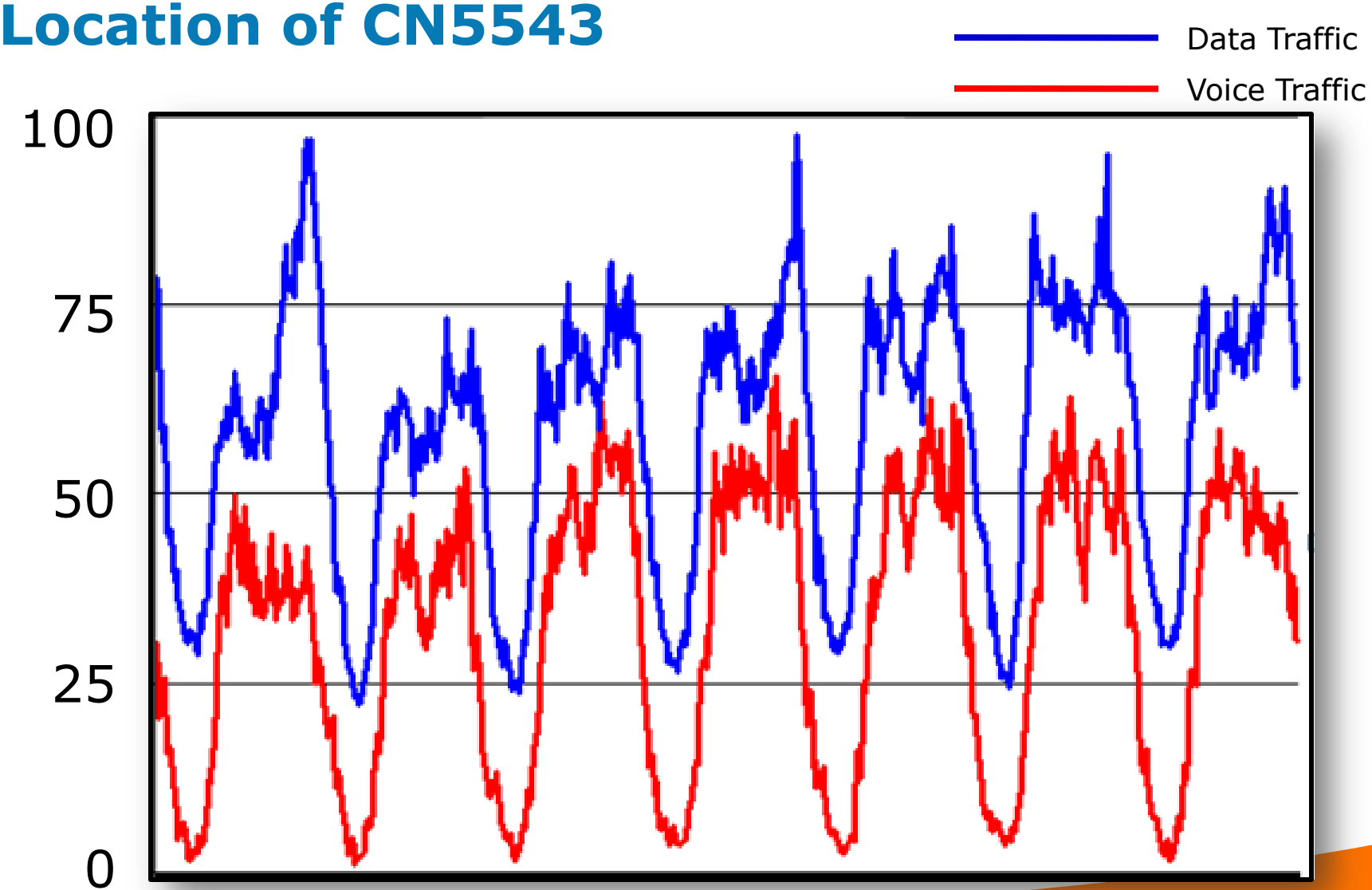
at&t

Proposed Site at 730 Polk St. (CN5543)

Service Area AFTER site is constructed



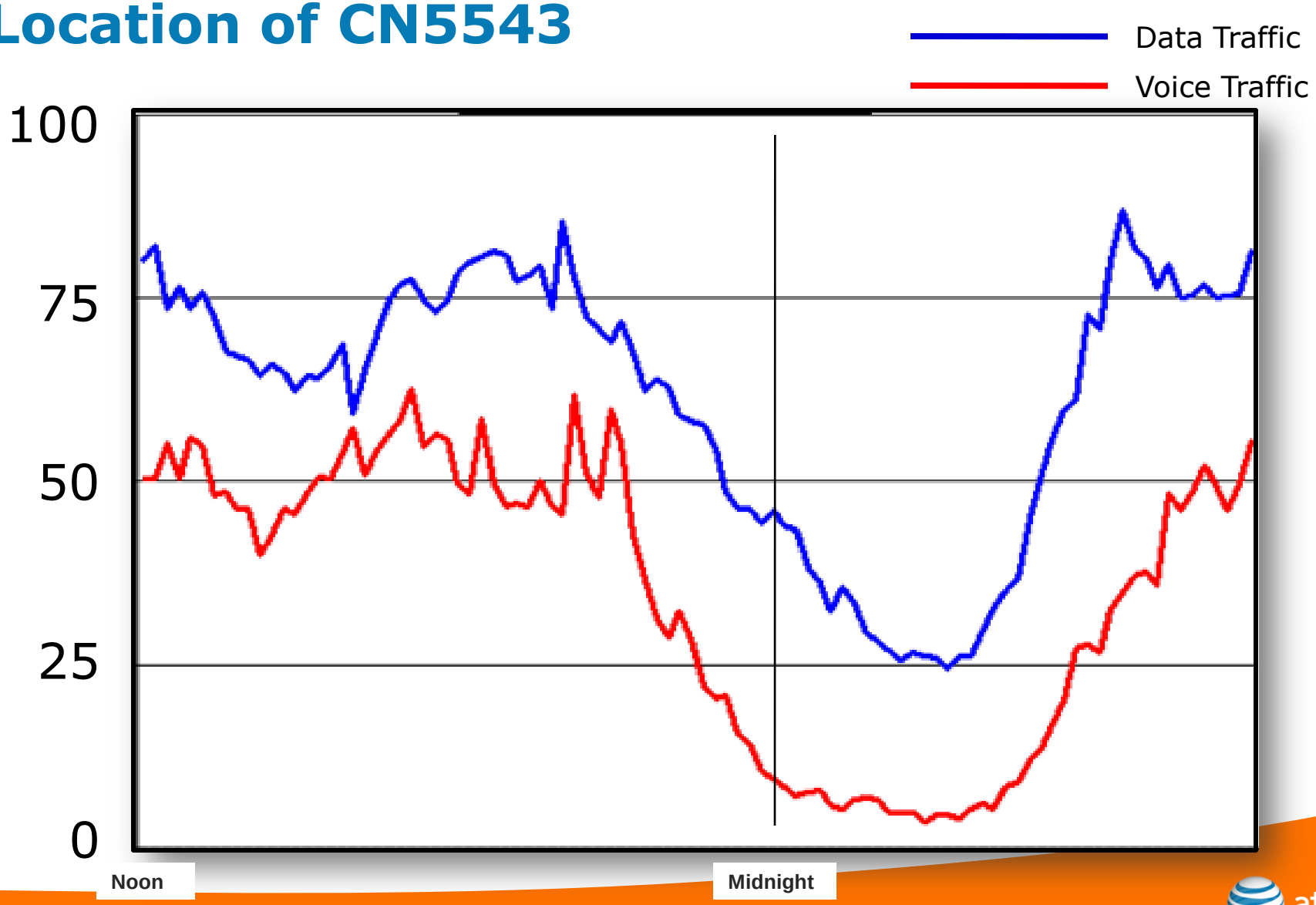
Current 7-Day Traffic Profile for the Location of CN5543



July 28, 2011

at&t

Current 24-Hour Traffic Profile for the Location of CN5543



Existing Surrounding Sites at 730 Polk St.

CN5543

Alternative Site Locations-730 Polk Street.

Alternative Site Location #1

726 Polk Street

This candidate is the existing AT&T microcell site at 726 Polk Street. The landlord's representative Steve Hunter (415-309-6504 / shunter@openhand.org) was supportive of our macro site upgrade. The site is in a neighborhood (NC-3) district – which is a preference 3 under the city's wireless siting provisions. Furthermore, the building only has offices and no residential making it a superior candidate.

Alternative Site Location #2
731 Polk Street

This candidate is across Polk Street from the candidate above. There is a Subway Sandwich store at the bottom level and apartments above. The property owner Rick Patton (415-749-0658) was interested in hosting our site. Although this candidate is zoned the same as the one above, it is less desirable because of the residential units on site.

Alternative Site Location #3
790 Ellis Street

This candidate is the Civic Center Inn across Ellis Street just to the north of the existing micro site. It is zoned the same as the above two candidates (NC-3). The hotel manager expressed interest in hosting a site. It appears that antennas could be located on the rooftop of existing stairwells yet the lower height of the building would require a tall building extension to avoid signal blockage by nearby buildings.

AT&T Mobility • Base Station No. CN5543
730 Polk Street • San Francisco, California

Statement of Hammett & Edison, Inc., Consulting Engineers

The firm of Hammett & Edison, Inc., Consulting Engineers, has been retained on behalf of AT&T Mobility, a personal wireless telecommunications carrier, to evaluate proposed modifications to its existing base station (Site No. CN5543) located at 730 Polk Street in San Francisco, California, for compliance with appropriate guidelines limiting human exposure to radio frequency ("RF") electromagnetic fields.

Background

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

Wireless Service	Frequency Band	Occupational Limit	Public Limit
Microwave (Point-to-Point)	5,000–80,000 MHz	5.00 mW/cm^2	1.00 mW/cm^2
BRS (Broadband Radio)	2,600	5.00	1.00
AWS (Advanced Wireless)	2,100	5.00	1.00
PCS (Personal Communication)	1,950	5.00	1.00
Cellular	870	2.90	0.58
SMR (Specialized Mobile Radio)	855	2.85	0.57
700 MHz	700	2.35	0.47
[most restrictive frequency range]	30–300	1.00	0.20

The site was visited by Mr. Romer Panaguiton, a qualified field technician contracted by Hammett & Edison, Inc., during normal business hours on March 30, 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 March 16, 2011.

Checklist

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

Observed were two omnidirectional antennas for use by AT&T (Site No. CNU3064) mounted on the northwest corner of the four-story commercial building located at 730 Polk Street. There were observed no other wireless base stations installed at the site. Existing RF levels for a person at ground near the site were less than 1% of the most restrictive public exposure limit.

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

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

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

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

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 nine Andrew Model DBXNH-6565A-R2M directional panel antennas on the outside face of a two-foot extension above the mechanical equipment penthouse above the roof of the building. The antennas would be mounted with up to 6° downtilt at an effective height of about 69 feet above ground, 12½ feet above the roof, and would be oriented in groups of three toward 20°T, 120°T, and 250°T.

5. *Power rating (maximum and expected operating power) for all existing an 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 5,920 watts, representing simultaneous operation at 1,820 watts for AWS, 1,870 watts for PCS, 1,450 watts for cellular, and 780 watts for 700 MHz service.

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

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

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

For a person anywhere at ground, the maximum ambient RF exposure level due to the proposed AT&T operation is calculated to be 0.0063 mW/cm^2, which is 1.2% of the applicable public exposure limit. Ambient RF levels at the site are therefore estimated to be below 2% of the limit. The three-dimensional perimeter of RF levels equal to the public exposure limit is calculated to extend up to 55 feet out from the antenna faces and to much lesser distances above, below, and to the sides; this does not reach the roof of the building or any publicly accessible areas.

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 17 feet directly in front of the antennas themselves, such as might occur during maintenance work above 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. Posting explanatory warning signs* at the roof access door and at the antennas, such that the signs would be readily visible from any angle of approach to persons who might need to work within that distance, would be sufficient to meet FCC-adopted guidelines.

10. Statement of authorship.

The undersigned author of this statement is a qualified Professional Engineer, holding California Registration Nos. E-13026 and M-20676, which expire on June 30, 2011. 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 730 Polk Street in San Francisco, California, will comply with the prevailing standards for limiting public exposure to radio frequency energy and, therefore, will not for this reason cause a significant impact on the environment. The highest calculated level in publicly accessible areas is much less than the prevailing standards allow for exposures of unlimited duration. This finding is consistent with measurements of actual exposure conditions taken at other operating base stations. Posting explanatory signs is recommended to establish compliance with occupational exposure limitations.

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

April 7, 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.

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

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

Review of Cellular Antenna Site Proposals

Project Sponsor : *AT&T Wireless* **Planner:** *Jonas Ionin*

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

Project Address/Location: *730 Polk St*

Site ID: *118* **SiteNo.:** *CN5543*

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

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

☐ Existing Antennas No Existing Antennas: **2**

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

○ **Yes** ◉ **No**

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

○ **Yes** ◉ **No**

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

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

Maximum Power Rating: **5920** watts.

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

Maximum Effective Radiant: **5920** watts.

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

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

Maximum RF Exposure: **0.0063** mW/cm^2. Maximum RF Exposure Percent: **1.2**

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

☑ Public_Exclusion_Area Public Exclusion In Feet: **55**

☑ Occupational_Exclusion_Area Occupational Exclusion In Feet: **17**

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

X **Approved**. Based on the information provided the following staff believes that the project proposal will comply with the current Federal Communication Commission safety standards for radiofrequency radiation exposure. FCC standard 1986-NCRP **Approval of the subsequent Project Implementation Report is based on project sponsor completing recommendations by project consultant and DPH.**

Comments:

There are 2 existing antennas operated by AT&T Wireless installed on the roof top of the building at 730 Polk Street. Exisiting RF levels at ground level were around 1% of the FCC public exposure limit. There were observed no other antennas within 100 feet of this site. AT&T Wireless proposes to remove the two existing antennas and install 9 new antennas. The antennas are mounted at a height of 69 feet above the ground. The estimated ambient RF field from the proposed AT&T Wireless transmitters at ground level is calculated to be 0.0063 mW/sq cm., which is 1.2 % of the FCC public exposure limit. The three dimensional perimeter of RF levels equal to the public exposure limit extends 55 feet and does not reach any publicly accessible areas. Warning signs must be posted at the antennas and roof access points in English, Spanish and Chinese. Worker should not have access to within 17 feet of the front of the antennas while they are in operation.

___ **Not Approved**, additional information required.

___ **Not Approved**, does not comply with Federal Communication Commission safety standards for radiofrequency radiation exposure. FCC Standard

1 Hours spent reviewing

Charges to Project Sponsor (in addition to previous charges, to be received at time of receipt by S

Signed: Dated: 4/13/2011

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

AT&T Mobility
430 Bush St. 5th Floor
San Francisco, CA 94108

Affidavit of Conducting a Community Outreach Meeting, Sign-in Sheet and Issues/Responses submittal

I, Evan Shepherd Reiff, do hereby declare as follows:
(print name)

1. I have conducted a **Community Outreach Meeting** for the proposed new construction or alteration prior to submitting a building permit in accordance with Planning Commission Pre-Application Policy.

2. The meeting was conducted at Tenderloin Recreation Center/570 Ellis Street
(location/address)

   on Feb 24, 2011 (date) from 7:00pm – 8:00pm (time).

3. I have included the **mailing list, meeting initiation, sign-in sheet, issue/response summary, and reduced plans** with the Conditional Use Application. I understand that I am responsible for the accuracy of this information and that erroneous information may lead to suspension or revocation of the permit.

4. I have prepared these materials in good faith and to the best of my ability.

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

EXECUTED ON THIS DAY, April 26, 2011 IN SAN FRANCISCO

Signature

Evan Shepherd Reiff
Name (type or print)

Authorized Agent for AT&T Mobility
Relationship to Project, e.g. Owner, Agent
(if Agent, give business name and profession)

730 Polk Street
Project Address

USA Proud Sponsor of the U.S. Olympic Team

AT&T Mobility
4430 Rosewood Drive, Bldg. 3
Pleasanton, CA 94588
www.att.com

April 26, 2011

Mr. Aaron Hollister
City of SF Planning
1650 Mission Street, Suite 400
SF, CA 94103

RE: Community Meeting Memo
2010.1084H

Dear Mr. Hollister:

As required by the SF WTS, we held a Community Meeting for the above referenced application on 2/24/11.

The meeting was properly noticed (see attached) to the 500' radius of the proposed site, with notices sent on 2/14/11 to 2,628 owners/tenants and 19 Community Groups. Three members of the public attended (see attached sign in sheet), one of whom was a member of the Lower Polk Neighborhood Group.

The public was comfortable with the design and there was one comment that the design was in keeping with the architectural features of the neighborhood. There were questions raised about EMF exposure that were fully addressed by Bill Hammett of Hammett and Edison.

Thank you,

Evan Shepherd Reiff
AT&T Authorized Representative
Acquisition, Planning, and Permitting
430 Bush Street, 5th Floor
SF, CA 94108
esreiff@gmail.com
831-345-2245 (mobile)

Proud Sponsor of the U.S. Olympic Team

NOTICE OF NEIGHBORHOOD MEETING

To: Community Groups, Neighbors & Owners within 500' radius of 730 Polk Street

Meeting Information
Date: February 24, 2011
Time: 7:00 p.m.
Where: Tenderloin Recreation Center Gymnasium
570 Ellis Street
San Francisco, CA 94109

Site Information
Address: 730 Polk Street
Block/Lot 0740/018
Zoning: NC-3

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 730 Polk Street, needed by AT&T Mobility as part of its San Francisco wireless network. The proposed AT&T Mobility site is an unmanned facility consisting of removing the existing AT&T antennas and installing twelve (12) panel antennas within a radio frequency transparent screen (a 7-foot extension to the existing elevator penthouse), painted and textured to match the building. The equipment will be located within an interior equipment room in the basement. 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 Tenderloin Recreation Center Gymnasium, 570 Ellis Street on February 24, 2011 at 7:00 p.m. to learn more about the project.

If you have any questions regarding the proposal and are unable to attend the meeting, please contact the AT&T Mobility Hotline at (415) 646-0972 and an AT&T Mobility specialist will return your call. Please contact Aaron Hollister, project planner with the San Francisco Department of City Planning at (415) 575-9078 if you have any questions regarding the planning process.

NOTE: If you require an interpreter to be present at the meeting, please contact our office at (415) 646-0972 no later than 5:00pm on Tuesday February 22, 2011 and we will make every effort to provide you with an interpreter.

NOTIFICACIÓN DE REUNIÓN DE VECINDARIO

Para: Grupos comunitarios, vecinos y propietarios dentro de un radio de 500' de 730 Polk Street

Información de la reunión
Fecha: 24 de febrero de 2011
Hora: 7:00 p.m.
Dónde: Tenderloin Recreation Center Gimnasio
570 Ellis Street
San Francisco, CA 94109

Información del lugar
Dirección: 730 Polk Street
Cuadra/Lote 0740/018
Zonificación: NC-3

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 730 Polk Street necesaria para AT&T Mobility como parte de su red inalámbrica en San Francisco. La ubicación propuesta de AT&T Mobility es una instalación sin personal que consta de la remoción de antes actuales de AT&T Mobility y de la instalación de doce (12) antenas panel dentro de una pantalla transparente de radiofrecuencia (de una extensión de 7 pies hasta el cuarto de máquinas de un elevador existente), pintadas y texturadas para que combinen con el edificio. El equipo estará ubicado dentro de una sala de equipo interior en el sótano. Habrá planos y fotos disponibles para que usted los revise en la reunión. Se lo invita a asistir a una reunión informativa de la comunidad que se realizará en The Tenderloin Recreation Center Gymnasium, 570 Ellis Street el 24 de febrero de 2011 a las 7:00 p.m. para tener más información sobre el proyecto.

Si tiene preguntas relacionadas con la propuesta y no puede asistir a la reunión, por favor, llame a la Línea Directa de AT&T Mobility, (415) 646-0972, y un especialista de AT&T Mobility le devolverá el llamado. Por favor, contacte a Aaron Hollister, planificador de proyecto, en el Departamento de Planificación de la Ciudad de San Francisco al (415) 575-9078 si tiene alguna pregunta relacionada con el proceso de planificación.

NOTA: Si necesita que un intérprete esté presente en la reunión, por favor, contacte a nuestra oficina al (415) 646-0972 antes del 22 de febrero de 2011 a las 5:00 p.m., y haremos todos lo posible para proporcionarle un intérprete.

社區會議通知

致：Polk 街 730 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 2 月 24 日
時間： 下午 7:00
地點： 加利福尼亞州三藩市 Ellis 街 570 號 Tenderloin Recreation Center Gymnasium（郵編 94109）

設施地點資訊
地址： Polk 街 730 號
街區 / 地段：0740/018
分區：NC-3

申請公司
AT&T Mobility

聯繫資訊
AT&T Mobility公司熱線電話
(415) 646-0972

AT&T Mobility 公司計畫在 Polk 街 730 號建造一座無線通訊設施，作為 AT&T Mobility 公司在三藩市無線網路的一部分。計畫中的 AT&T Mobility 設施為無人操作設施，將安裝十二 (12) 根平板天線。這些天線將被放置在作為現有電梯閣樓的 7 英尺長的延伸段的射頻透明圍牆後面，圍牆的粉刷和結構與建築保持一致。相關設備將被放置在地下室的內部設備間內。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 2 月 24 日下午 7:00 在 Ellis 街 570 號 Tenderloin Recreation Center Gymnasium 召開的社區通氣會，以便您瞭解有關本專案的更多資訊。

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

注意：如果您需要一名翻譯陪同您出席會議，請在不晚於 2011 年 2 月 22 日（星期二）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。

Lower Polk Neighborhood Group.

at&t

Project Open Hand, Community Meeting
February 24, 2011

Name	Address	Phone/Email
STEVE HUNTER	730 POLK STREET SF CA 94109	SHUNTER@OPENHAND.ORG
ANN FOSTER	—	—
RON WALTER	818 VAN NESS AVE SF	ron_walt@pacbell.net

at&t

PROJECT OPEN HAND
730 POLK ST
SAN FRANCISCO, CA 94109
CN5543

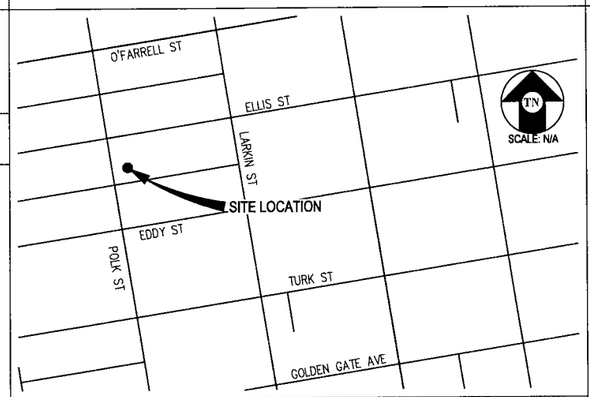
PROJECT DESCRIPTION

A MODIFICATION TO AN (E) UNMANNED TELECOMMUNICATION FACILITY CONSISTING OF ADDING (5) (P) RBS CABINETS, (2) (P) BBS CABINETS, & APPURTENANT EQUIPMENT INSIDE A (P) 6'X14' AT&T LEASE AREA IN BASEMENT. ALSO REMOVING & REPLACING (2) (E) AT&T OMNI ANTENNAS W/ (9) (P) ANTENNAS BEHIND (P) FRP SCREEN WALL PAINT & TEXTURE TO MATCH (E) BUILDING.

PROJECT INFORMATION

SITE NAME:	PROJECT OPEN HAND	SITE #:	CN5543
COUNTY:	SAN FRANCISCO	JURISDICTION:	CITY OF SAN FRANCISCO
BLOCK/LOT:	0740–018	POWER:	PG&E
SITE ADDRESS:	730 POLK ST SAN FRANCISCO, CA 94109	TELEPHONE:	AT&T
CURRENT ZONING:	NC–3 (NEIGHBORHOOD COMMERCIAL)		
CONSTRUCTION TYPE:	II–B		
OCCUPANCY TYPE:	U		
HEIGHT / BULK:	130–E		
PROPERTY OWNER:	PROJECT OPEN HAND ATTN: STEVE HUNTER– DIR OF BLDG OPERATIONS 730 POLK STREET SAN FRANCISCO, CA 94109 (415) 447–2386		
APPLICANT:	AT&T 430 BUSH ST, 5TH FLOOR SAN FRANCISCO, CA 94108		
LEASING CONTACT:	ATTN: EVAN SHEPPARD (831) 345–2245		
ZONING CONTACT:	ATTN: EVAN SHEPPARD (831) 345–2245		
CONSTRUCTION CONTACT:	ATTN: STEVE ROMERO (925) 876–9240		
LATITUDE: LONGITUDE:	N 37° 47' 01.60" NAD 83 W 122° 25' 08.59" NAD 83		
ASML:	± 99.8'		

VICINITY MAP



DRIVING DIRECTIONS

FROM: 430 BUSH ST, 5TH FLOOR, SAN FRANCISCO, CA 94108
TO: 730 POLK ST, SAN FRANCISCO, CA 94109

1.	HEAD EAST ON BUSH ST TOWARD CLAUDE LN.	0.1 MI
2.	TURN RIGHT AT MONTGOMERY ST.	0.2 MI
3.	TURN RIGHT AT MARKET ST.	377 FT
4.	SLIGHT RIGHT AT KEARNY ST.	157 FT
5.	CONTINUE ONTO GEARY ST.	0.9 MI
6.	TURN LEFT AT POLK ST.	0.1 MI

END AT: 730 POLK ST, SAN FRANCISCO, CA 94109

ESTIMATED TIME: 6 MINUTES ESTIMATED DISTANCE: 1.4 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:

1. 2010 CALIFORNIA ADMINISTRATIVE CODE (INCL. TITLES 24 & 25)
2. 2010 CALIFORNIA BUILDING CODE
3. 2010 CALIFORNIA ELECTRICAL CODE
4. 2010 CALIFORNIA MECHANICAL CODE
5. 2010 CALIFORNIA PLUMBING CODE
6. 2010 CALIFORNIA FIRE CODE
7. LOCAL BUILDING CODES
8. CITY/COUNTY ORDINANCES
9. ANSI/EIA–TIA–222–G

ALONG WITH ANY OTHER APPLICABLE LOCAL & STATE LAWS AND REGULATIONS

HANDICAP REQUIREMENTS

THIS FACILITY IS UNMANNED & NOT FOR HUMAN HABITATION. HANDICAPPED ACCESS & REQUIREMENTS ARE NOT REQUIRED IN ACCORDANCE WITH CALIFORNIA STATE ADMINISTRATIVE CODE, TITLE 24 PART 2, SECTION 1105B.3.4.2, EXCEPTION 1

SHEET INDEX

SHEET	DESCRIPTION	REV
T–1	TITLE	–
C–1	TOPOGRAPHIC SURVEY	–
A–1	SITE PLAN	–
A–2	EQUIPMENT PLAN & DETAILS	–
A–3	ANTENNA PLAN & DETAILS	–
A–4	ELEVATION	–
A–5	ELEVATION	–
A–6	ELEVATION	–
A–7	ELEVATION	–

APPROVAL

RF

LEASING

ZONING

CONSTRUCTION

AT&T

ERICSSON

PROJECT
OPEN HAND

CN5543
730 POLK ST
SAN FRANCISCO, CA 94109

ISSUE STATUS

△	DATE	DESCRIPTION	BY
	05/04/10	ZD 100%	C.M.
	08/19/10	CLIENT REV	J.B.
	09/16/10	CLIENT REV	J.S.
	11/19/10	CLIENT REV	C.C.
	03/09/11	CLIENT REV	A.B.
	03/30/11	CLIENT REV	J.S.

DRAWN BY: C. METZ
CHECKED BY: P. MANAS
APPROVED BY: M. FLEMING
DATE: 03/30/11

Streamline Engineering and Design, Inc.
3268 Penryn Rd, Suite 200 Loomis, CA 95650
Contact: Larry Houghtby Phone: 916-275-4180
E-Mail: larry@streamlineeng.com Fax: 916-660-1941

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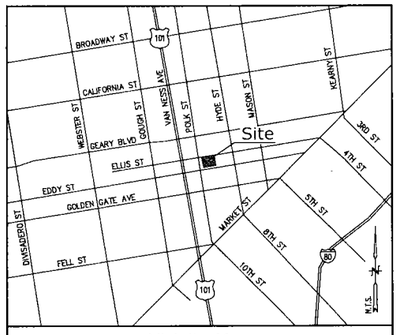
430 BUSH ST, 5TH FLOOR
SAN FRANCISCO, CA 94108

SHEET TITLE:
TITLE

SHEET NUMBER:
T-1



Vicinity Map

Title Report

THIS SURVEY WAS COMPLETED WITHOUT THE BENEFIT OF A TITLE REPORT.
PREPARED BY:
ORDER NO.:
DATED:

Legal Description

BLOCK 740 LOT 018

Assessor's Parcel No.

BLOCK 740 LOT 018

Easements

NOT AVAILABLE

Access Easement/Lease Area

TO BE DETERMINED

Geographic Coordinates at Center of Sectors

1983 DATUM: LATITUDE 37° 47' 01.60" N LONGITUDE 122° 25' 08.59" W
ELEVATION = 99.8 FEET ABOVE MEAN SEA LEVEL

CERTIFICATION:
THE LATITUDE AND LONGITUDE SHOWN ABOVE ARE ACCURATE TO WITHIN +/- 15 FEET HORIZONTALLY AND THAT THE ELEVATIONS SHOWN ABOVE ARE ACCURATE TO WITHIN +/- 3 FEET VERTICALLY. THE HORIZONTAL DATUM (GEOGRAPHIC COORDINATES) IS IN TERMS OF THE NORTH AMERICAN DATUM OF 1983 (NAD 83) AND IS EXPRESSED IN DEGREES (°), MINUTES (') AND SECONDS ("), TO THE NEAREST HUNDREDTH OF A SECOND. THE VERTICAL DATUM (ELEVATIONS) IS IN TERMS OF THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88) AND IS DETERMINED TO THE NEAREST TENTH OF A FOOT.

Basis of Bearings

THE STATE PLANE COORDINATE SYSTEM OF 1983 (NAD 83), CALIFORNIA ZONE 3.

Bench Mark

THE CALIFORNIA SPATIAL REFERENCE C.O.R.S "SBRN", ELEVATION = 101.43 FEET (NAVD 88).

Date of Survey

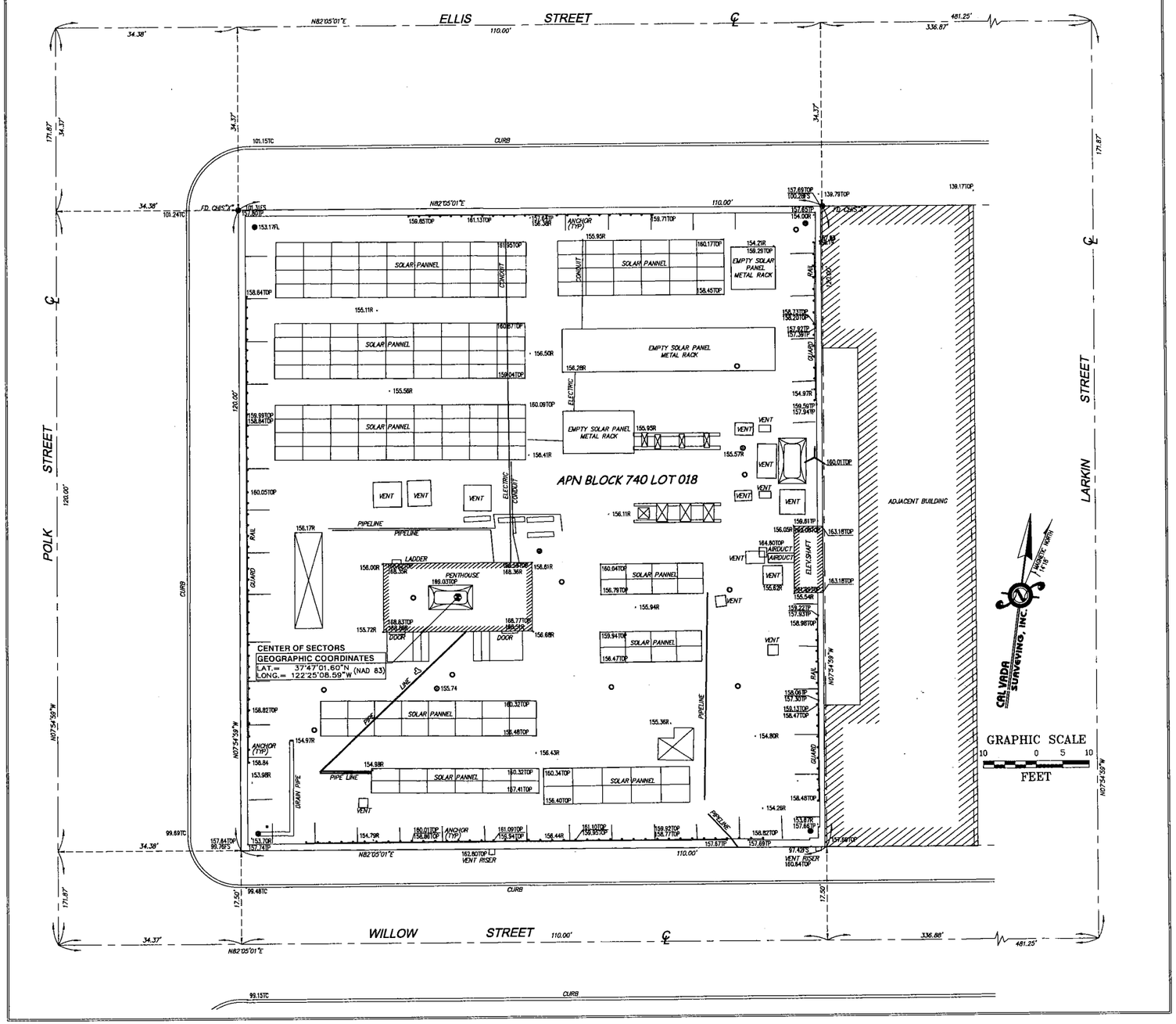
FEBRUARY 9, 2010

Legend

◉	FD MONUMENT	⊠	AC--UNIT
♡	FIRE DEPT. CONNECTION		CONCRETE PAVEMENT
	GUARD RAIL	----	PROPERTY LINE
●	ROOF DRAIN	FS	FINISH SURFACE
○	ROOF VENT	NG	NATURAL GROUND
	WHIP ANTENNA	TC	TOP OF CURB
		TOP	TOP OF STRUCTURE
	SKYLIGHT	TP	TOP OF PARAPET
		R	ROOF

Overall Site Detail

SCALE: 1"=10'



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E-Mail: larry@streamlineeng.com Fax: 530-823-8783

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411 Jenks Cir., Suite 206, Corona, CA 92880
Phone: 951-280-9960 Fax: 951-280-9748
Toll Free: 800-CALVADA www.calvada.com
JOB NO. 10085

PREPARED FOR

at&t

4430 Rosewood Drive
Pleasanton, California 94588

APPROVALS

R.F.	DATE
SAC AND ZONING	DATE
ERICSSON CM	DATE
AT&T CM	DATE
OWNER APPROVAL	DATE

PROJECT NAME

PROJECT OPEN HAND

PROJECT NUMBER

CN5543

730 POLK STREET
SAN FRANCISCO, CA 94109
SAN FRANCISCO COUNTY

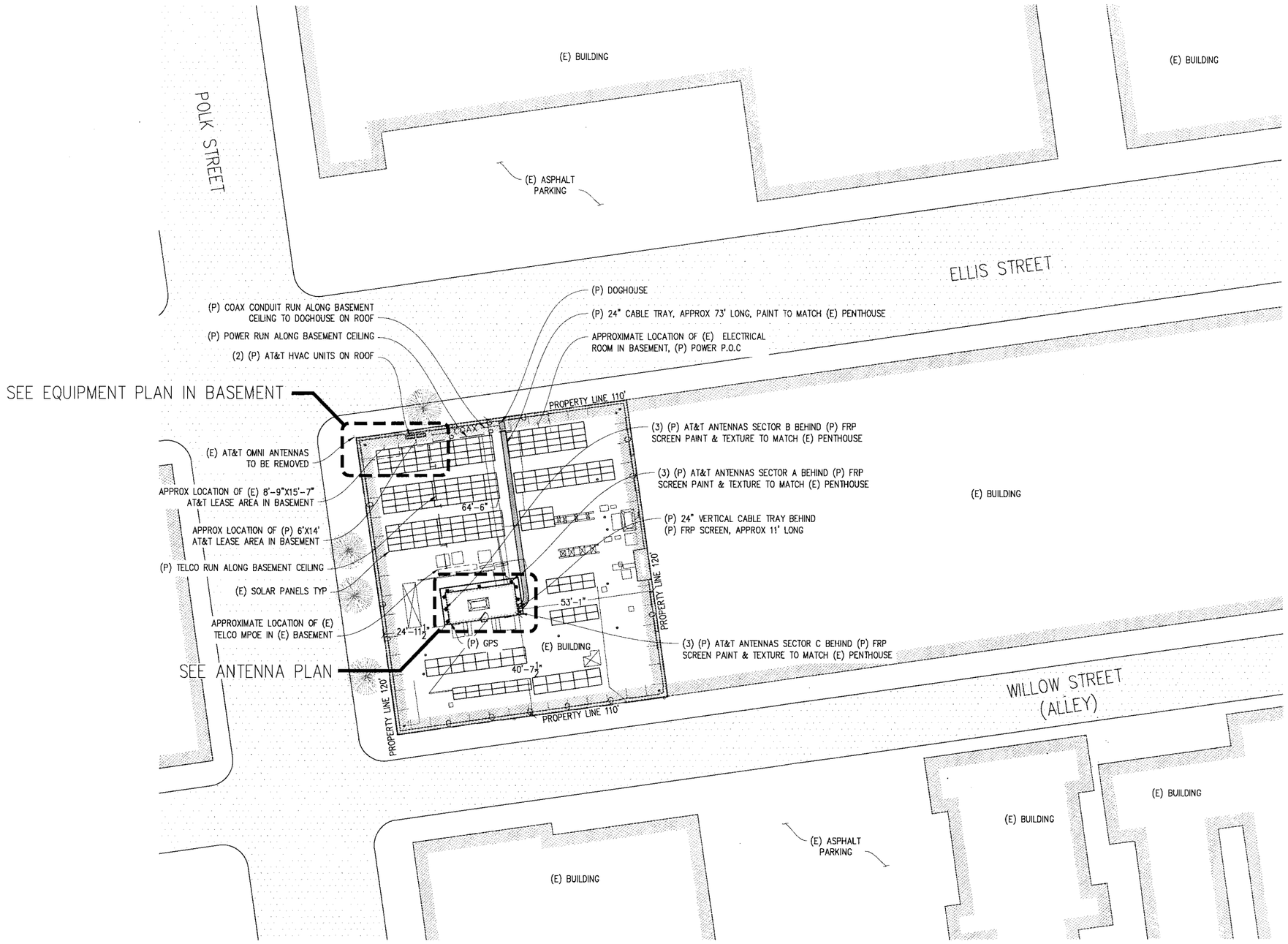
DATE	DESCRIPTION	BY
02/10/10	PRELIMINARY	HP
03/04/11	GEOGRAPHIC COORDINATES	AL

SHEET TITLE

TOPOGRAPHIC SURVEY

C-1

SHEET 1 OF 1



SITE PLAN

1"=20'-0"

PROJECT OPEN HAND

CN5543
730 POLK ST
SAN FRANCISCO, CA 94109

ISSUE STATUS

△	DATE	DESCRIPTION	BY
	05/04/10	ZD 100%	C.M.
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	03/09/11	CLIENT REV	A.B.
	03/30/11	CLIENT REV	J.S.

DRAWN BY: C. METZ
CHECKED BY: P. MANAS
APPROVED BY: M. FLEMING
DATE: 03/30/11

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3268 Pennyn Rd. Suite 200 Loomis, CA 95650
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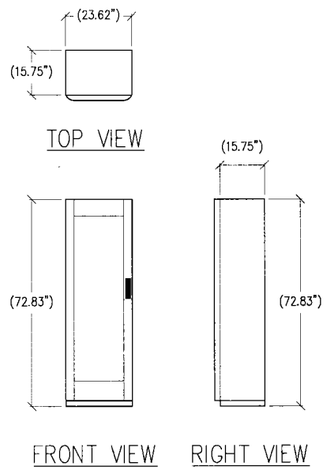
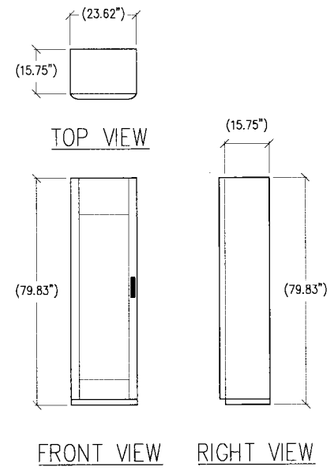
SAN FRANCISCO, CA 94108

SHEET TITLE:
SITE PLAN

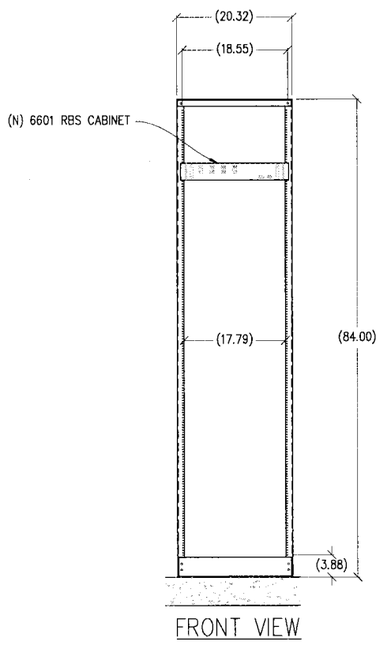
SHEET NUMBER:
A-1



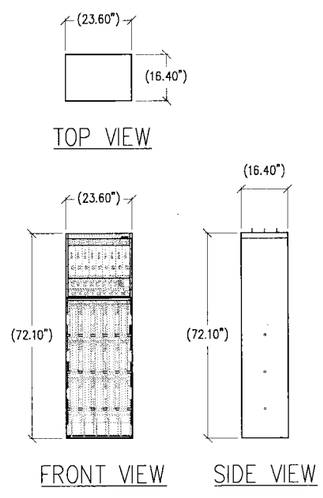
1 RBS DETAIL
½"=1'-0"
ERICSSON RBS 2206



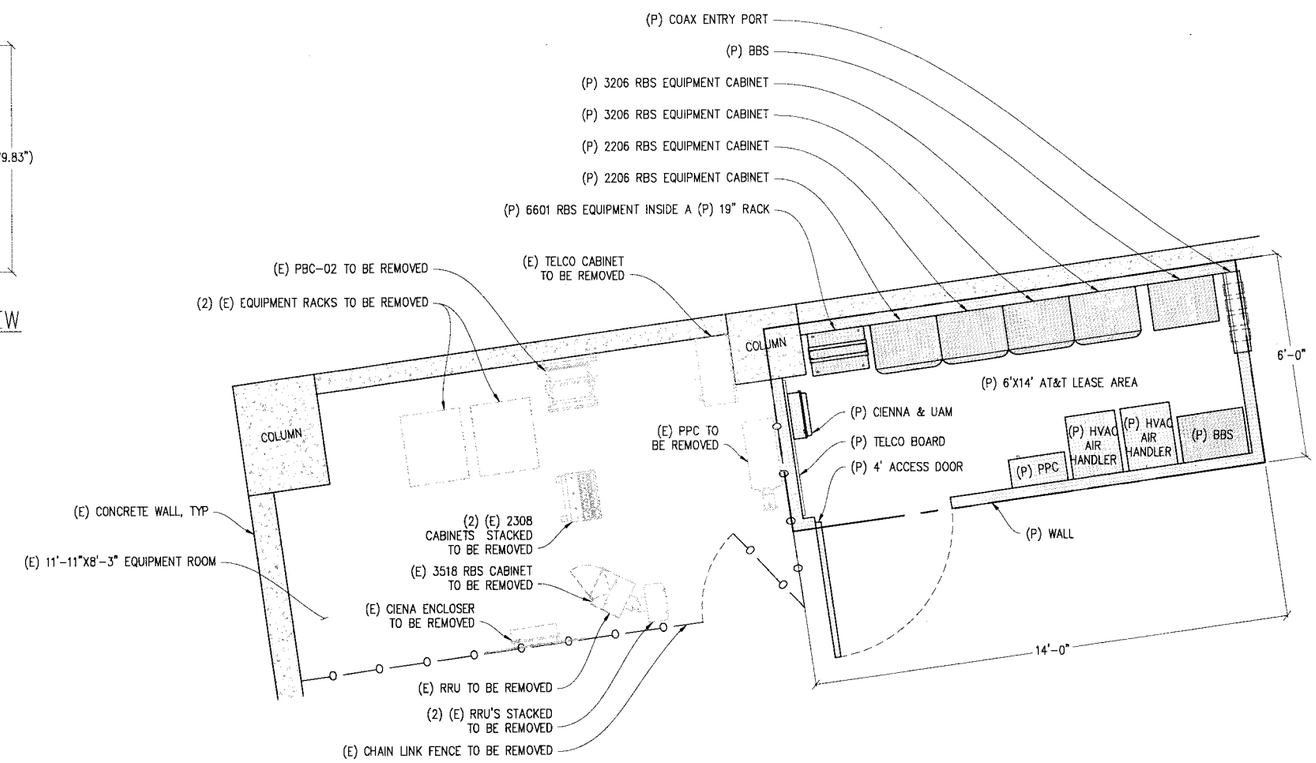
2 RBS DETAIL
½"=1'-0"
ERICSSON RBS 3206



3 6601 IN 19" RACK DETAIL
1"=1'-0"



4 BBS CABINET DETAIL
½"=1'-0"
4500 BBU CABINET



EQUIPMENT PLAN
½"=1'-0"

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

PROJECT OPEN HAND

CN5543
730 POLK ST
SAN FRANCISCO, CA 94109

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DRAWN BY: C. METZ
CHECKED BY: P. MANAS
APPROVED BY: M. FLEMING
DATE: 03/30/11

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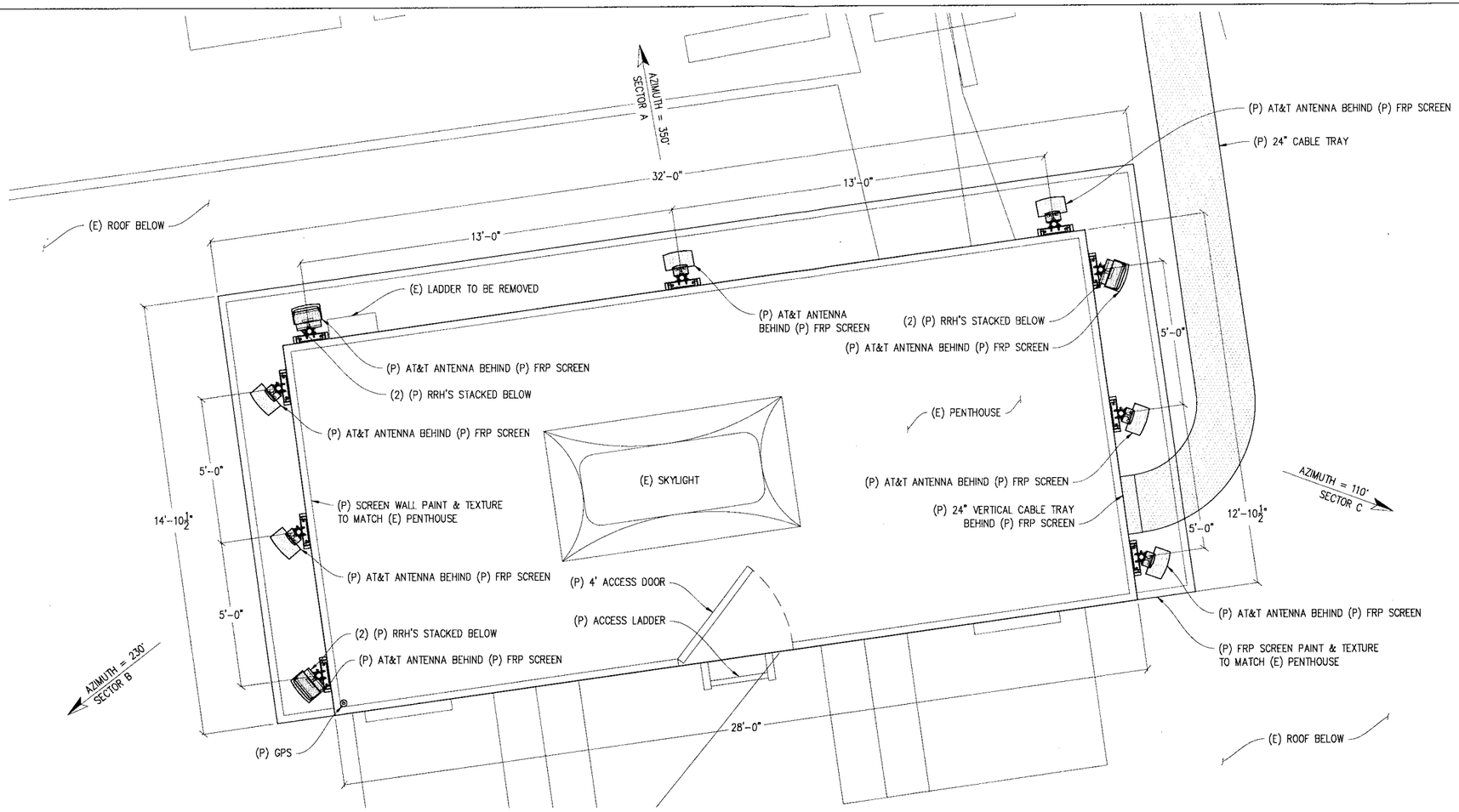
SAN FRANCISCO, CA 94108

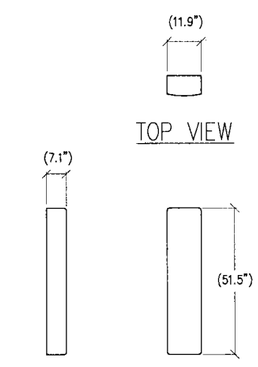
SHEET TITLE:
EQUIPMENT PLAN & DETAILS

SHEET NUMBER:
A-2



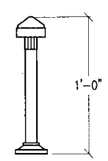
ANTENNA PLAN

½"=1'-0"



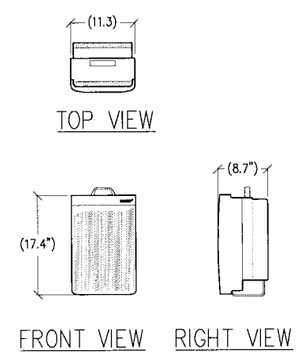
1 ANTENNA DETAIL

½"=1'-0"



2 GPS DETAIL

1"=6'-0"



3 RRH DETAIL

1"=1'-0"

PROJECT OPEN HAND

CN5543
730 POLK ST
SAN FRANCISCO, CA 94109

ISSUE STATUS

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	03/09/11	CLIENT REV	A.B.
	03/30/11	CLIENT REV	J.S.

DRAWN BY: C. METZ
CHECKED BY: P. MANAS
APPROVED BY: M. FLEMING
DATE: 03/30/11

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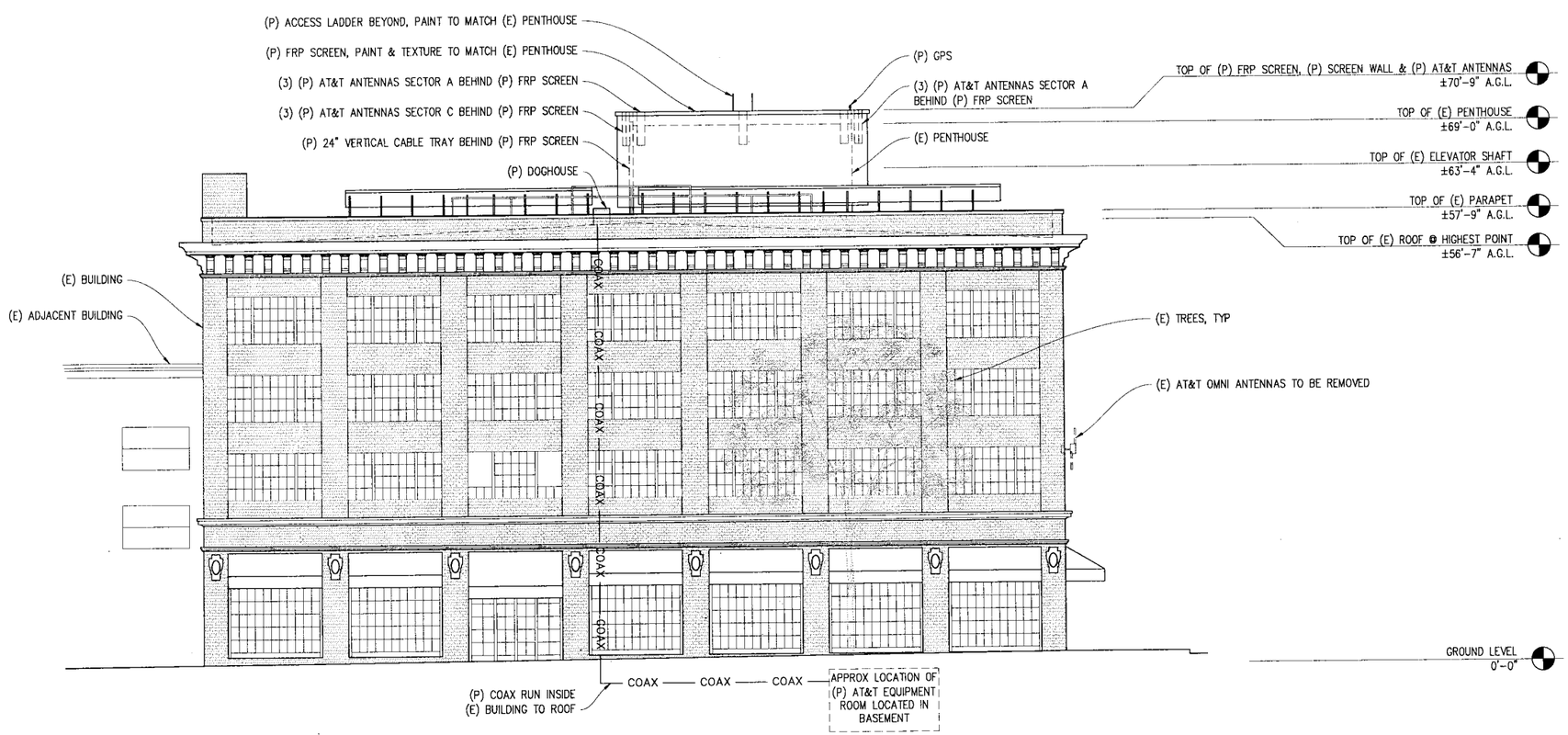
SHEET TITLE:
ANTENNA PLAN & DETAILS

SHEET NUMBER:
A-3



NORTH ELEVATION

1/8"=1'-0"

VIEW FROM ELLIS STREET

PROJECT OPEN HAND

CN5543
730 POLK ST
SAN FRANCISCO, CA 94109

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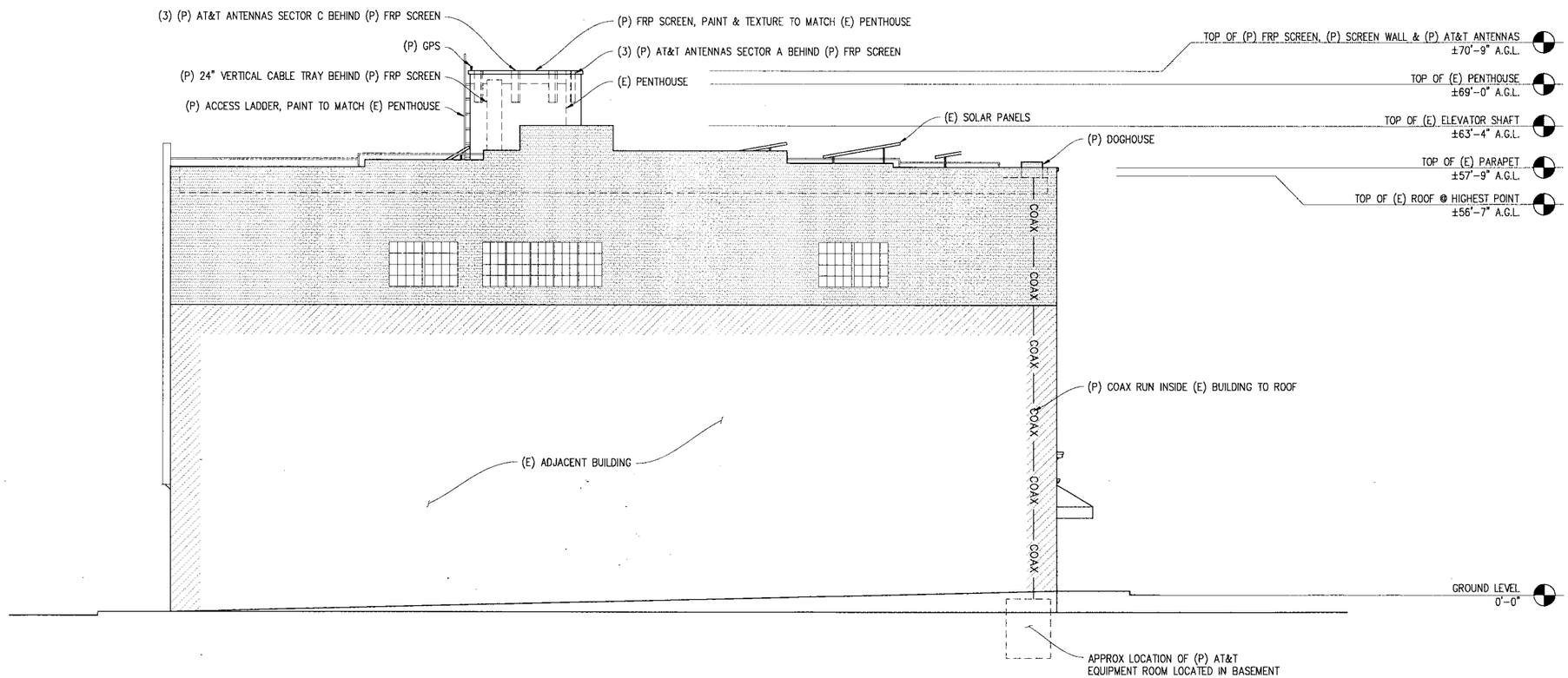
SHEET TITLE:
ELEVATION

SHEET NUMBER:
A-4



EAST ELEVATION

1/8"=1'-0"

VIEW FROM LARKIN STREET

PROJECT OPEN HAND

CN5543

730 POLK ST
SAN FRANCISCO, CA 94109

ISSUE STATUS

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	11/19/10	CLIENT REV	C.C.
	03/09/11	CLIENT REV	A.B.
	03/30/11	CLIENT REV	J.S.

DRAWN BY: C. METZ

CHECKED BY: P. MANAS

APPROVED BY: M. FLEMING

DATE: 03/30/11

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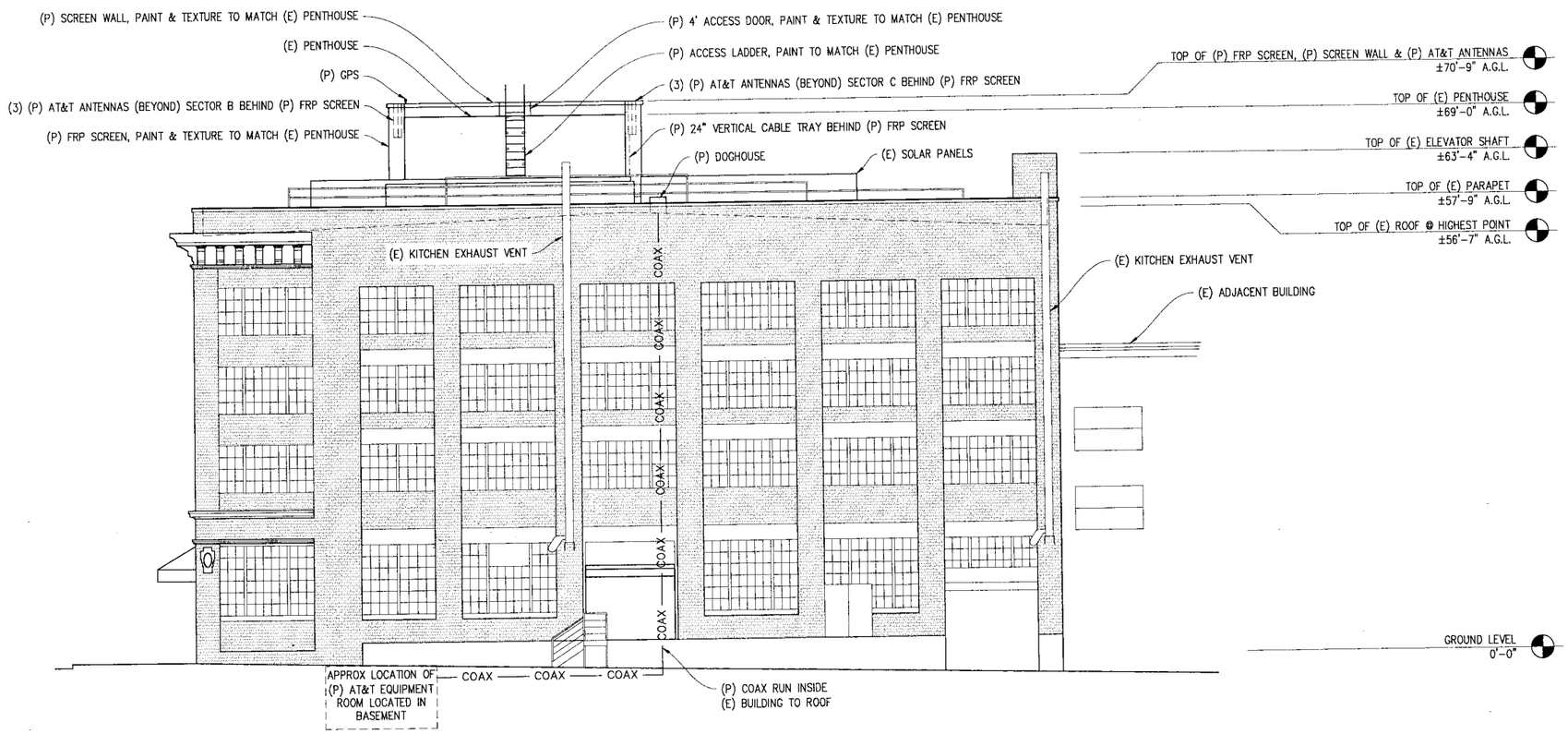
SHEET TITLE:

ELEVATION

SHEET NUMBER:

A-5



SOUTH ELEVATION

1/8" = 1'-0"

VIEW FROM WILLOW STREET

PROJECT OPEN HAND

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730 POLK ST
SAN FRANCISCO, CA 94109

ISSUE STATUS

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	11/19/10	CLIENT REV	C.C.
	03/09/11	CLIENT REV	A.B.
	03/30/11	CLIENT REV	J.S.

DRAWN BY: C. METZ
CHECKED BY: P. MANAS
APPROVED BY: M. FLEMING
DATE: 03/30/11

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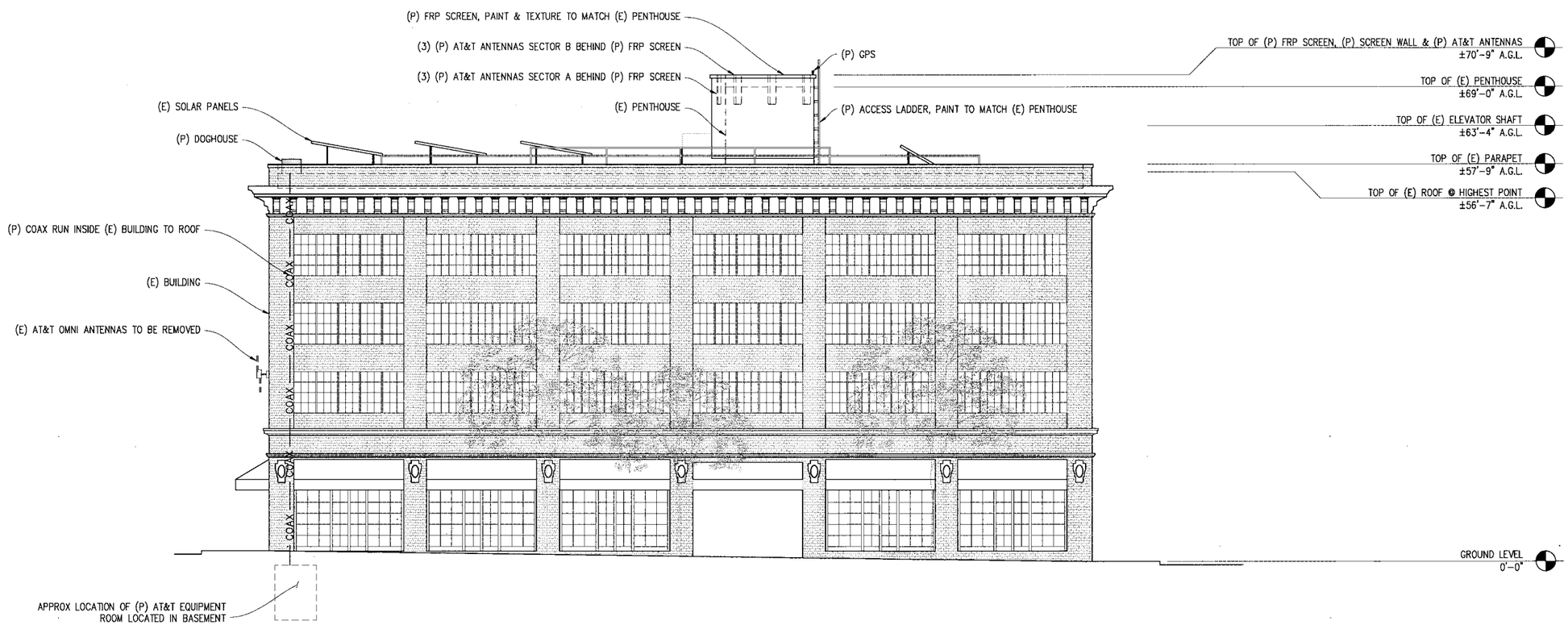
SHEET TITLE:
ELEVATION

SHEET NUMBER:
A-6



WEST ELEVATION

⅛"=1'-0"

VIEW FROM POLK STREET

PROJECT OPEN HAND

CN5543
730 POLK ST
SAN FRANCISCO, CA 94109

ISSUE STATUS

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	05/04/10	ZD 100%	C.M.
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	11/19/10	CLIENT REV	C.C.
	03/09/11	CLIENT REV	A.B.
	03/30/11	CLIENT REV	J.S.

DRAWN BY: C. METZ

CHECKED BY: P. MANAS

APPROVED BY: M. FLEMING

DATE: 03/30/11

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SAN FRANCISCO, CA 94108

SHEET TITLE:

ELEVATION

SHEET NUMBER:

A-7