



SITE NUMBER: CN4988
SITE NAME: UNIVERSITY AVENUE & MCGEE AVENUE
1632 UNIVERSITY AVE
BERKELEY, CA 94703

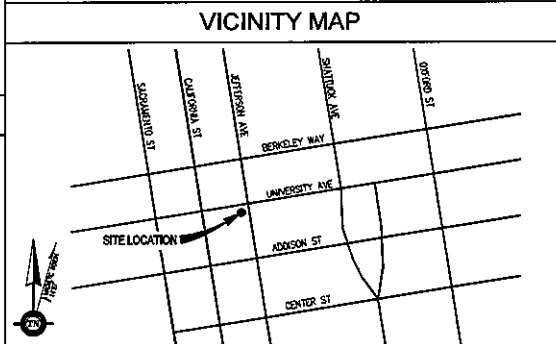


A/E DOCUMENT REVIEW STATUS		
STATUS CODE		
1	<input checked="" type="checkbox"/>	ACCEPTED - WITH MINOR OR NO COMMENTS, CONSTRUCTION MAY PROCEED
2	<input type="checkbox"/>	NOT ACCEPTED - PLEASE RESOLVE COMMENTS AND RESUBMIT
ACCEPTANCE DOES NOT CONSTITUTE APPROVAL OF DESIGN DETAILS, CALCULATIONS, ANALYSES, TEST METHODS OR MATERIALS DEVELOPED OR SELECTED BY THE SUBCONTRACTOR AND DOES NOT RELIEVE SUBCONTRACTOR FROM FULL COMPLIANCE OBLIGATIONS.		
REVIEWED	ENG	CONST
	WEB	
STATUS BY:	Braun, Walter	DATE:

RF DATA SHEET	
DATE ISSUED: 07/03/12	REVISION: 15
DRAWING INDEX	REV
25736-635-CN4988-T01	TITLE SHEET 0
25736-635-CN4988-C-1	TOPOGRAPHIC SURVEY 0
25736-635-CN4988-A01	SITE PLAN 0
25736-635-CN4988-A02	EQUIPMENT PLAN 0
25736-635-CN4988-A03	ANTENNA PLANS 0
25736-635-CN4988-A04	ELEVATION 0
25736-635-CN4988-A05	ELEVATION 0
25736-635-CN4988-A06	DETAILS 0
25736-635-CN4988-A07	DETAILS 0
25736-635-CN4988-A08	DETAILS 0

DRIVING DIRECTIONS	
FROM: 4430 ROSEWOOD DR BLDG 3, 6TH FLOOR, PLEASANTON, CA 94588	
TO: 1632 UNIVERSITY AVE, BERKELEY, CA 94703	
1. HEAD EAST ON ROSEWOOD DR	20 FT
2. MAKE A U-TURN	0.5 MI
3. TURN RIGHT ONTO OWENS DR	0.2 MI
4. TURN RIGHT ONTO HACIENDA DR	0.3 MI
5. MERGE ONTO I-580 W WA THE RAMP TO OAKLAND	11.7 MI
6. SLIGHT RIGHT TO STAY ON I-580 W (SIGNS FOR OAKLAND/SAN FRANCISCO)	16.2 MI
7. MERGE ONTO I-580 W/I-880 E	2.3 MI
8. TAKE EXIT 11 FOR UNIVERSITY AVE TOWARD BERKELEY	0.2 MI
9. TURN RIGHT ONTO UNIVERSITY AVE	1.3 MI
END AT: 1632 UNIVERSITY AVE, BERKELEY, CA 94703	
ESTIMATED TIME: 39 MINUTES	ESTIMATED DISTANCE: 33.69 MILES

PROJECT DESCRIPTION	
A (P) UNMANNED TELECOMMUNICATION FACILITY CONSISTING OF (2) (P) FRP STRUCTS, (3) (P) LTE ANTENNAS, (8) (P) UPTS ANTENNAS, (15) (P) BRIS-115S, (3) (P) SURGE SUPPRESSORS, A (P) SPICE BOX, A (P) LTE GPS ANTENNA, A (P) CABLE TRAY W/ GRP STRUT, (2) (P) HVAC CONDENSERS & (P) INTERLOCKS FOR FIBER & DC POWER. ALSO INSTALLING A (P) 13'-10"x22'-11" AT&T EQUIPMENT ROOM IN (E) BASEMENT W/ (4) (P) 19" RACKS W/ (3) (P) 5601-DUM RES UNITS & (P) 5601-DUM RES UNIT, (2) (P) 19" TELCO RACKS W/ (P) OENA & UAM UNITS, A (P) LINEAGE DC POWER RACK, A (P) LINEAGE BATTERY RACK, (2) (P) FLOOR MOUNTED HVAC UNITS, & A (P) 300A PFC.	



PROJECT INFORMATION	
SITE ADDRESS:	1632 UNIVERSITY AVE BERKELEY, CA 94703
PROPERTY OWNER:	YUVAL BOBROWITCH (510) 385-0858
CONTACT PERSON:	AT&T: YUVAL BOBROWITCH (510) 385-0858
APPLICANT:	AT&T 4430 ROSEWOOD DR BLDG 3, 6TH FLOOR PLEASANTON, CA 94588
CONTACT PERSON:	AT&T: TOM JOHNSON (714) 205-2879
LATITUDE:	N 37° 52' 13.68" NAD 83
LONGITUDE:	W 122° 16' 45.20" NAD 83
ANSL:	±127.9'
JURISDICTION:	CITY OF BERKELEY
APN:	056-2004-024
CURRENT USE:	U, (UNMANNED TELECOMMUNICATIONS FACILITY)
PROPOSED USE:	U, (UNMANNED TELECOMMUNICATIONS FACILITY)

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 CITY OF SAN FRANCISCO FIRE CODE
7.	LOCAL BUILDING CODES
8.	CITY/COUNTY ORDINANCES
9.	ANSI/EIA-7A-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 11548.2.1, EXCEPTION 4	

SITE QUALIFICATION PARTICIPANTS		
NAME	COMPANY	NUMBER
A/E	OHAD MATHESON	STREAMLINE ENGINEERING 916-759-5781
SAC	TOM JOHNSON	TRELLIUM CONSULTING 714-205-2879
RF	MICHAEL QUINTO	AT&T MOBILITY 925-523-1062
ZONING	VALERIE TALLERCO	TRELLIUM CONSULTING 714-414-5618
LANDLORD	YUVAL BOBROWITCH	- 510-385-0858
CONSTRUCTION	C.F. RASK	BECHTEL COMMUNICATIONS INC 925-207-9814

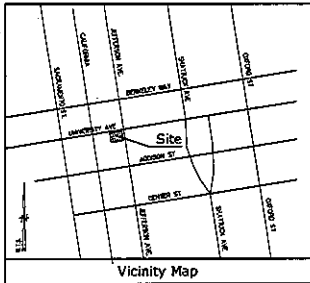
Streamline Engineering
AND DESIGN, INC.
8445 Sierra College Blvd., Suite E Gravelly Bay, CA 95746
Contact: Larry Houghtby Phone: 916-275-4150
E-Mail: larry@streameng.com Fax: 916-880-1941

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

UNIVERSITY AVENUE & MCGEE AVENUE
CN4988
1632 UNIVERSITY AVE
BERKELEY, CA 94703

ISSUE STATUS		
DATE	REVISIONS	BY / CHECKED
A	1	11/02/12
B	1	12/26/12
C	1	12/28/12
D	1	12/28/12
E	1	12/28/12
F	1	12/28/12
G	1	12/28/12
H	1	12/28/12
I	1	12/28/12
J	1	12/28/12
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N	1	12/28/12
O	1	12/28/12
P	1	12/28/12
Q	1	12/28/12
R	1	12/28/12
S	1	12/28/12
T	1	12/28/12
U	1	12/28/12
V	1	12/28/12
W	1	12/28/12
X	1	12/28/12
Y	1	12/28/12
Z	1	12/28/12

SHEET TITLE			
TITLE SHEET			
JOB NUMBER	SITE NUMBER	SHEET NUMBER	REV
25736-635	CN4988	T01	0



Title Report

PREPARED BY: NORTH AMERICAN TITLE COMPANY
DRAWN BY: TERRY L. BROWN
DATE: MAY 19, 2012

Legal Description

REAL PROPERTY IN THE CITY OF BERKELEY, COUNTY OF ALAMEDA, STATE OF CALIFORNIA, DESCRIBED AS FOLLOWS:

PARCEL 1:
PARCEL 8, PARCEL MAP 2341, FILED FEBRUARY 06, 1976, IN BOOK 100, PAGE 3 OF PARCEL MAPS, ALAMEDA COUNTY RECORDS.

PARCEL 2:
AN EASEMENT FOR RIGHTS AND CONVEYS OVER A PORTION OF PARCELS 6, PARCEL MAP 2341, FILED FEBRUARY 26, 1976, IN BOOK 100, PAGE 3 OF PARCEL MAPS, ALAMEDA COUNTY RECORDS, SAID EASEMENT IS 9 FEET 6 INCHES WIDE BEING MEASURED FROM THE NORTH LINE OF SAID EASEMENT SAID NORTH LINE BEING DESCRIBED AS FOLLOWS:
BEGINNING AT THE NORTHWEST CORNER OF SAID PARCEL 6, THENCE ALONG SAID NORTH LINE OF PARCEL 6 A NORTH 87° 20' 00" WEST 100.00 FEET TO THE EASTERN END OF SAID EASEMENT.

Assessor's Parcel No.

054-004-024

Easements

- ① EASEMENT FOR OTHER PURPOSES ACCORDING JANUARY 6, 1954 IN BOOK 616, PAGE 315, O.R. (PLATTED HEREON)
- ② DOCUMENT ENTITLED "EASEMENT" RECORDED SEPTEMBER 13, 1979 AS BOOK 610, PAGES 10-11, O.R. SAID DOCUMENT NOT APPLICABLE

Lease Area

AS SHOWN

Geographic Coordinates at Center of Proposed Sectors

NAD 83 DATUM: LATITUDE: 37° 07' 32.90" N LONGITUDE: 122° 14' 45.30" W
ELEVATION = 127.0 FEET ABOVE MEAN SEA LEVEL

CONTRADICTORY:
THE LATITUDE AND LONGITUDE SHOWN ABOVE ARE ACCURATE TO WITHIN +/- 15 FEET HORIZONTALLY AND THAT THE ELEVATION 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 DECIMALS (2) UNITS OF 1/100 AND DECIMALS (2) TO THE NEAREST HUNDREDTH OF A SECOND. THE VERTICAL DATUM (ELEVATION) IS IN TERMS OF THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAV 88) AND IS EXPRESSED TO THE NEAREST TENTH OF A FOOT.

Basis of Bearings

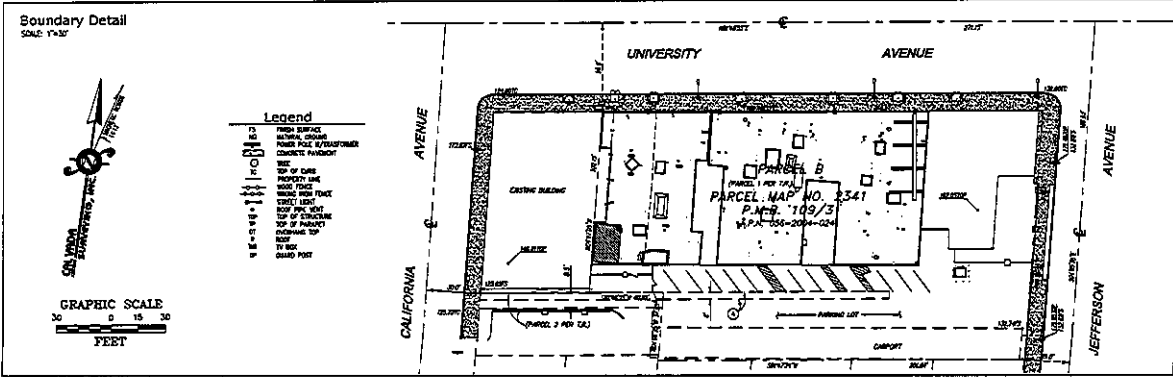
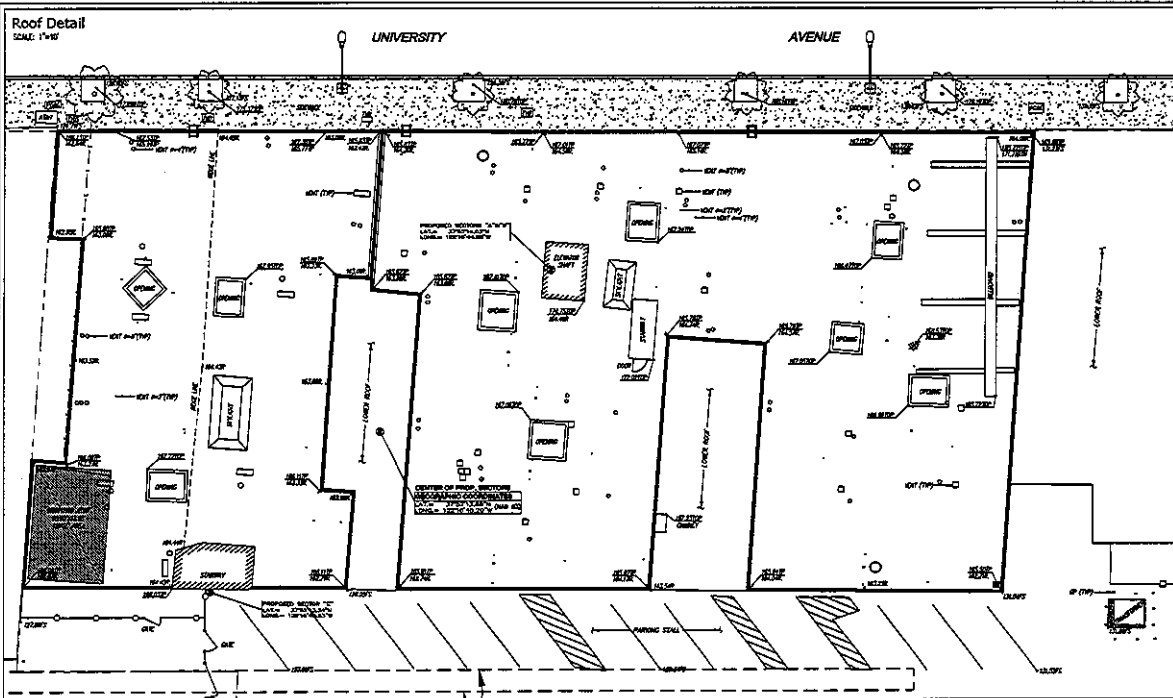
THE STATE PLANE COORDINATE SYSTEM OF 1983 (NAD 83), CALIFORNIA ZONE 2.

Bench Mark

THE CALIFORNIA SPITAL REFERENCE CENTER (SCALE 7924), ELEVATION = 1443.77 FEET (NAVD 88)

Date of Survey

FEBRUARY 25, 2011



Streamline Engineering
CONSULTANT

PROPRIETARY INFORMATION
THE INFORMATION CONTAINED IN THIS SET OF CONSTRUCTION DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO AT&T MOBILITY IS STRICTLY PROHIBITED.

CONSULTANT
CALVADA SURVEYING, INC.
917 Avila Ct., Suite 108, Concord, CA 94609
Phone: 925-261-8888 Fax: 925-261-8888
Tel Fax: 925-261-8888
JOB NO. 1101

PREPARED FOR
at&t
4430 Rosewood Drive
Palo Alto, California 94306

APPROVALS

R.F.	DATE
SAC AND 2D/3D/IC	DATE
ENICSSON CH	DATE
AT&T CM	DATE
OWNER APPROVAL	DATE

PROJECT NAME
UNIVERSITY AVENUE & MCGEE AVENUE

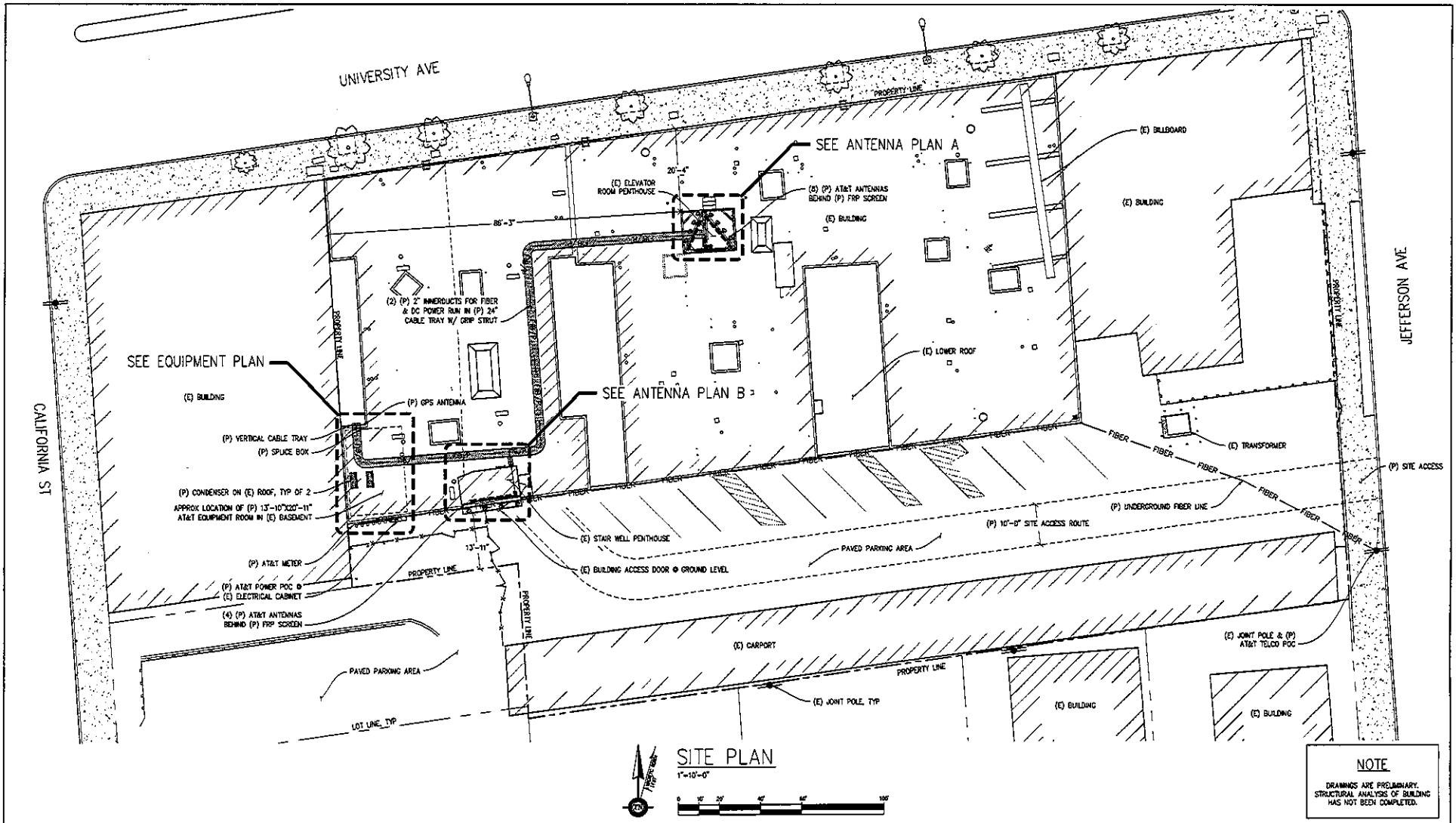
PROJECT NUMBER
CN4988

1832 UNIVERSITY AVENUE
BERKELEY, CA 94703
ALAMEDA COUNTY

DATE	DESCRIPTION	BY
02/28/11	SUBMITAL	RW/HK
02/17/12	FINAL	RW/HK
11/12/12	LEASE AREA	AL

SHEET TITLE
TOPOGRAPHIC SURVEY

C-1
SHEET 1 OF 1



SITE PLAN
 1"=10'-0"

NOTE
 DRAWINGS ARE PRELIMINARY.
 STRUCTURAL ANALYSIS OF BUILDING
 HAS NOT BEEN COMPLETED.

Streamline Engineering
 Civil Design, LLC
 8446 Sterns College Bldg, Suite E, Granada Bay, CA 95748
 Contact: Larry Houghton Phone: 916-275-4150
 E-Mail: larry@streameng.com Fax: 916-690-1941

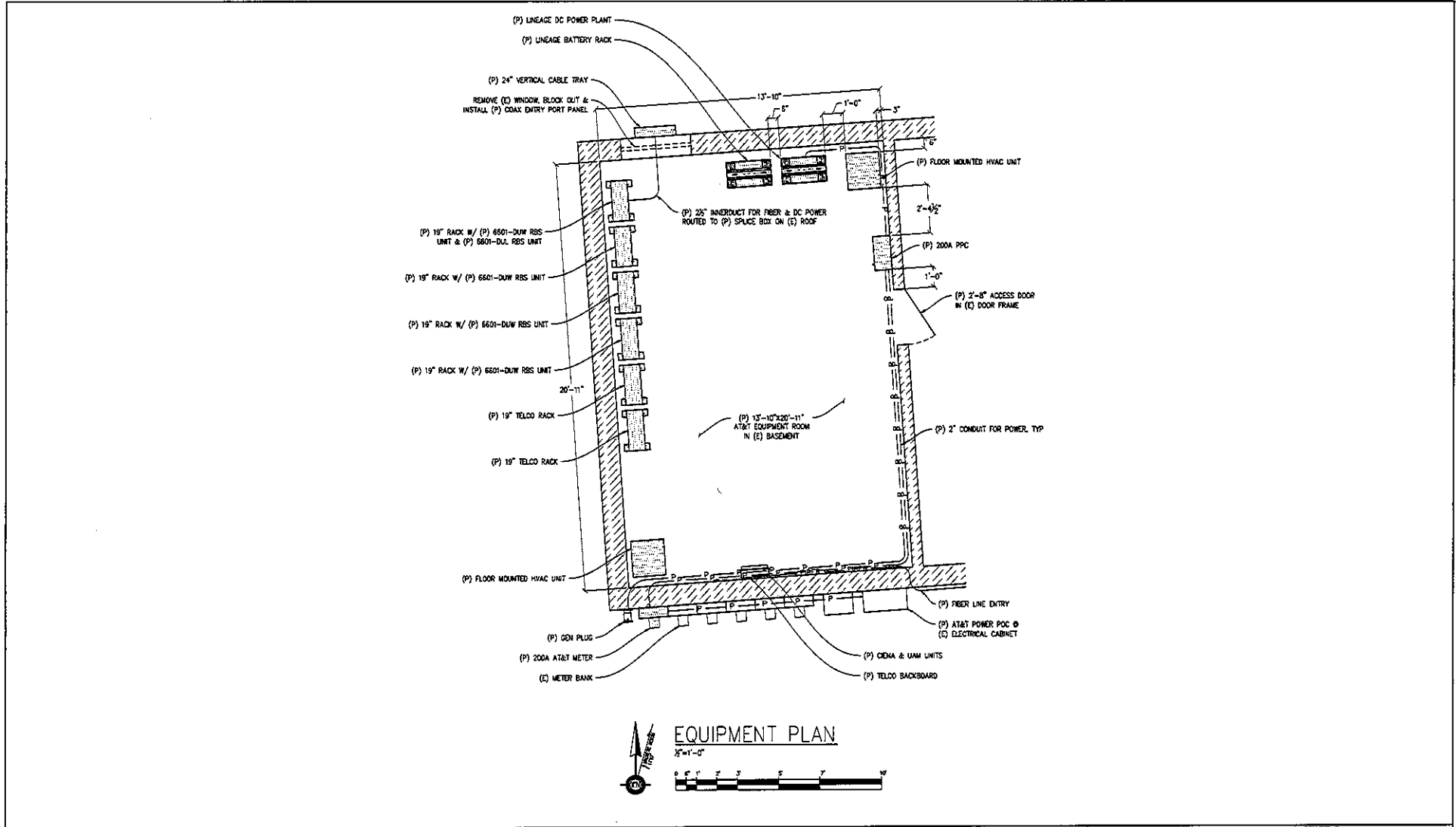
at&t
 4430 ROSEWOOD DR. BLDG 3, 6TH FLOOR
 PLEASANTON, CA 94588

**UNIVERSITY AVENUE
 &
 MCGEE AVENUE**
 CN4988
 1632 UNIVERSITY AVE
 BERKELEY, CA 94703

ISSUE STATUS			
Δ	DATE	REVISIONS	BY / CHK / APP
A	11/22/12	2D 30% J.S., J.G.	DRAWN BY: J. SMITH
D	12/28/12	2D 100% J.S., J.G.	CHECKED BY: J. GRAY
			APPROVED BY: -
			DATE: 12/28/12

SCALE: AS SHOWN

SHEET TITLE:			
SITE PLAN			
JOB NUMBER:	SITE NUMBER:	SHEET NUMBER:	REV
25736-635	CN4988	A01	0



EQUIPMENT PLAN
 1/2" = 1'-0"

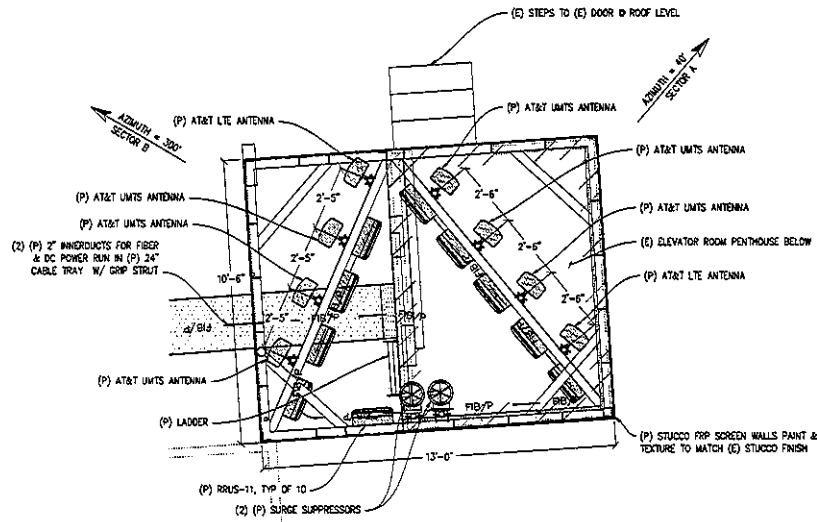
Streamline Engineering and Design, Inc.
 8445 Sierra College Blvd, Suite E Granite Bay, CA 95746
 Contact: Larry Houghtby Phone: 916-275-4180
 E-Mail: larry@streamlineeng.com Fax: 916-950-1841

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

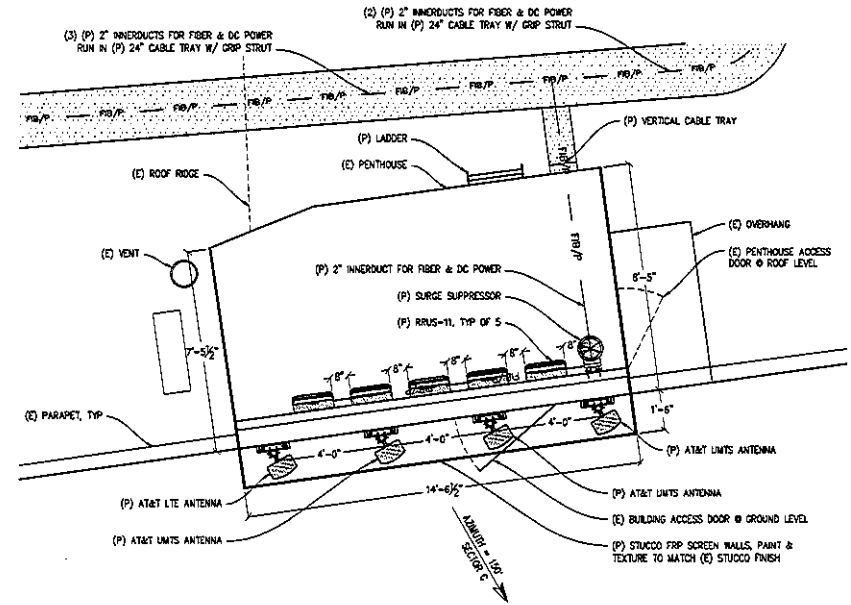
UNIVERSITY AVENUE & MCGEE AVENUE
 CN4988
 1633 UNIVERSITY AVE
 BERKELEY, CA 94709

ISSUE STATUS					
Δ	DATE	REVISIONS	BY	CHK	APP
A	7/09/12	2D 30%	J.S.	J.G.	
D	12/28/12	2D 100%	J.S.	J.G.	
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
SCALE: AS SHOWN		DRAWN BY: J. SMITH			
		CHECKED BY: J. GRAY			
		APPROVED BY: -			
		DATE: 12/28/12			

SHEET TITLE:			
EQUIPMENT PLAN			
JOB NUMBER:	SITE NUMBER:	SHEET NUMBER:	REV
25736-635	CN4988	A02	0



ANTENNA PLAN A
 $\frac{1}{2}''=1'-0''$



ANTENNA PLAN B
 $\frac{1}{2}''=1'-0''$

NOTE
 DRAWINGS ARE PRELIMINARY.
 STRUCTURAL ANALYSIS OF BUILDING
 HAS NOT BEEN COMPLETED.

Streamline Engineering
 and Design Inc.

8445 Sierra College Blvd, Suite E Orange Bay, CA 92746
 Contact: Larry Houghton Phone: 916-275-4150
 E-Mail: larry@streamlineeng.com Fax: 916-990-1941

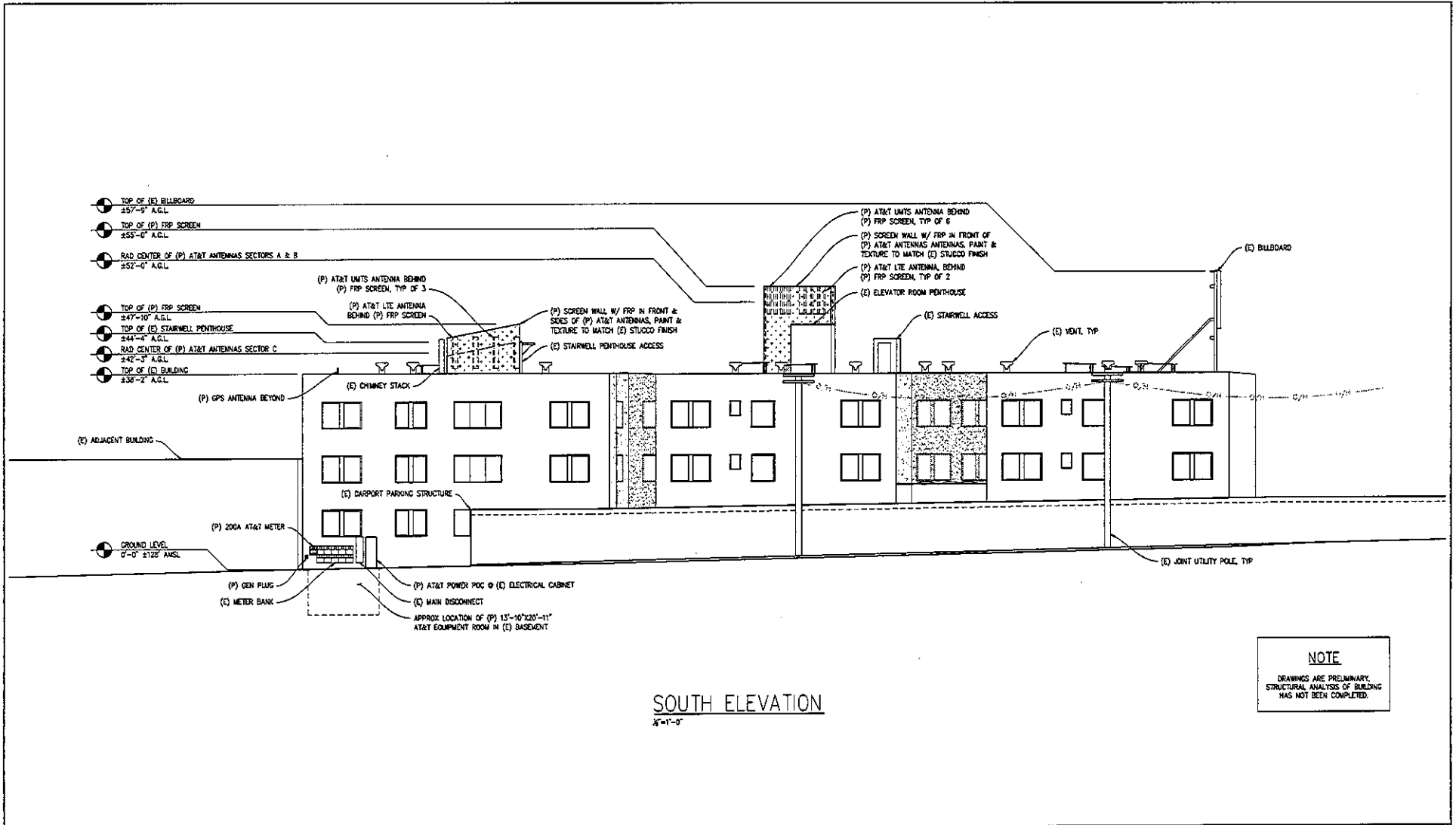
4430 ROSEWOOD DR. BLDG 3, 6TH FLOOR
 PLEASANTON, CA 94588

**UNIVERSITY AVENUE
 &
 MCGEE AVENUE**


CN4988
 1631 UNIVERSITY AVE
 BERKELEY, CA 94704

ISSUE STATUS					
Δ	DATE	REVISIONS	BY	CHK	APP
A	11/02/12	ZD BOX	J.S.	J.G.	
O	12/28/12	ZD TOXIE	J.S.	J.G.	
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
SCALE: AS SHOWN					

SHEET TITLE			
ANTENNA PLANS			
JOB NUMBER:	SITE NUMBER:	SHEET NUMBER:	REV
25736-635	CN4988	A03	0



Streamline Engineering and Design, Inc.
9445 Sierra College Blvd., Suite E Granite Bay, CA 95746
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E-Mail: larry@streamlineeng.com Fax: 916-860-1941

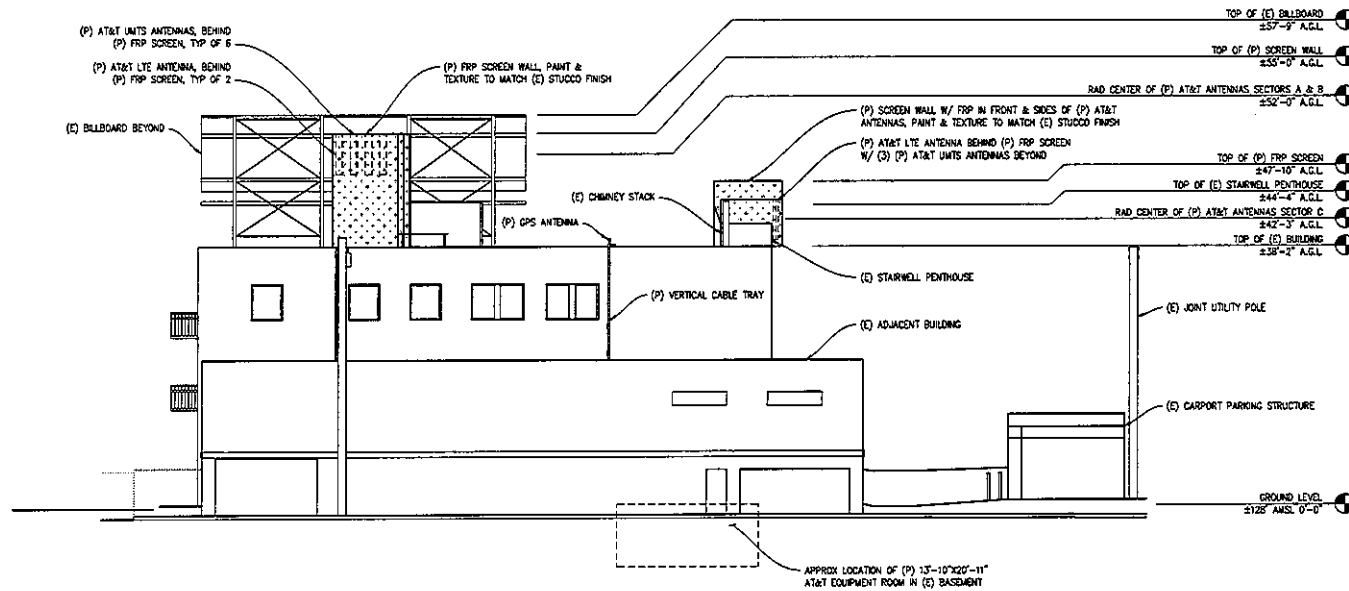


at&t
4630 ROSEWOOD DR. BLDG 3, 6TH FLOOR
PLEASANTON, CA 94588

UNIVERSITY AVENUE & MCGEE AVENUE
CN4988
1633 UNIVERSITY AVE
BERKELEY, CA 94703

ISSUE STATUS			
NO.	DATE	REVISIONS	BY / DATE / APPR.
A	11/02/12	28 90%	JLS / J.G.
D	12/28/12	28 100%	JLS / J.G.
			APPROVED BY: -
			DATE: 12/28/12
SCALE: AS SHOWN			

SHEET TITLE			
ELEVATION			
JOB NUMBER	SITE NUMBER	SHEET NUMBER	REV
25736-635	CN4988	A04	0



WEST ELEVATION
 X=7'-0"

NOTE
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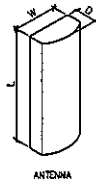
Streamline Engineering
 Civil Design, Inc.
 8445 Stearns College Blvd., Suite E Greenbrae, CA 94745
 Contact: Larry Houghtby Phone: 916-275-4180
 E-Mail: larry@streamlineeng.com Fax: 916-900-1941

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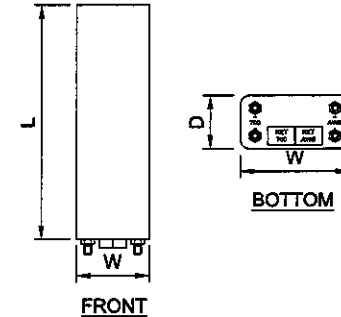
UNIVERSITY AVENUE
 &
 MCGEE AVENUE
 CN4988
 1632 UNIVERSITY AVE
 BERKELEY, CA 94703

ISSUE STATUS					
DATE	REVISIONS	BY	CHKD	APPD	DRAWN BY: J. SMITH
11/02/12	2D 30%	JLS, J.G.			CHECKED BY: J. GRAY
12/28/12	2D 100%	JLS, J.G.			APPROVED BY: --
					DATE: 12/28/12
SCALE: AS SHOWN					

SHEET TITLE			
ELEVATION			
JOB NUMBER:	SITE NUMBER:	SHEET NUMBER:	REV
25736-635	CN4988	A05	0



SECTOR	AZIMUTH	ANTENNA MAKE/MODEL NO./SIZE	RAD CENTER HEIGHT (A.C.L.)	TMA	RRU	FIBER LENGTH	COAX LENGTH	COAX DIAMETER
ALPHA	1	40°	72.7"x11.9"x7.1"	52'-6"	N/A	(1) RRUS-11-700 (1) RRUS-11-AWS	210'	N/A
	2	40°	72.7"x11.9"x7.1"	52'-6"	N/A	(1) RRUS-11-1960	210'	N/A
	3	40°	72.7"x11.9"x7.1"	52'-6"	N/A	(1) RRUS-11-0860	210'	N/A
	4	40°	72.7"x11.9"x7.1"	52'-6"	N/A	(1) RRUS-11-1960	210'	N/A
BETA	1	300°	72.7"x11.9"x7.1"	52'-6"	N/A	(1) RRUS-11-700 (1) RRUS-11-AWS	210'	N/A
	2	300°	72.7"x11.9"x7.1"	52'-6"	N/A	(1) RRUS-11-1960	210'	N/A
	3	300°	72.7"x11.9"x7.1"	52'-6"	N/A	(1) RRUS-11-0860	210'	N/A
	4	300°	72.7"x11.9"x7.1"	52'-6"	N/A	(1) RRUS-11-1960	210'	N/A
GAMMA	1	150°	72.7"x11.9"x7.1"	42'-3"	N/A	(1) RRUS-11-700 (1) RRUS-11-AWS	120'	N/A
	2	150°	72.7"x11.9"x7.1"	42'-3"	N/A	(1) RRUS-11-1960	120'	N/A
	3	150°	72.7"x11.9"x7.1"	42'-3"	N/A	(1) RRUS-11-0860	120'	N/A
	4	150°	72.7"x11.9"x7.1"	42'-3"	N/A	(1) RRUS-11-1960	120'	N/A



BAND	FREQUENCIES, MHZ	POLARIZATION	RET	L (IN)	W (IN)	D (IN)	WEIGHT (LB)
DUAL	698-896 1710-2180	DUAL	INSTALLED	72.7	11.9	7.1	47.4

NOTES:

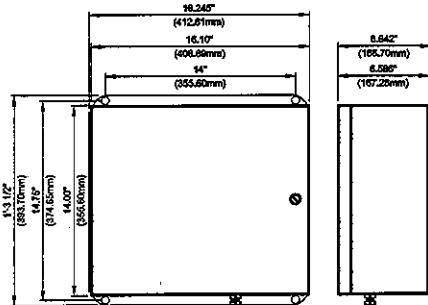
1. ALL MATERIALS ON THE ABOVE TABLE SHALL BE PROVIDED BY THE AT&T WIRELESS TO THE CONTRACTOR FOR INSTALLATION.
2. CONTRACTOR SHALL AS-BUILT CABLE LENGTHS AND PROVIDE ANTENNA SERIAL NUMBERS ON RED-LINED DRAWINGS.
3. GRAY GROUND WTS, COAX WEATHER PROOFING, SWAP-IN HANGER CLAMPS AND HOISTING GRIPS SHALL BE PROVIDED BY THE AT&T WIRELESS TO THE CONTRACTOR FOR INSTALLATION.
4. CONTRACTOR MUST ALSO INSTALL THE COAXIAL CABLES FOR THE FUTURE ANTENNAS.
5. CONTRACTOR TO REFER TO B.O.M. AND RF BUILD SHEET FOR NUMBER AND TYPE OF ANTENNA(S) TO INSTALL.

1 ANTENNA DETAIL
NOT TO SCALE
DETAIL NO: 1131 REV: 2

**LTE/UMTS/GSM DUAL BAND
DUAL POLARIZATION ANTENNA (TYP)**

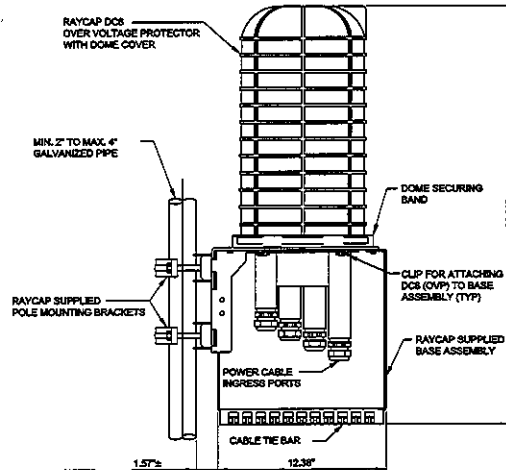
2 ANTENNA DETAIL
NOT TO SCALE
DETAIL NO: 1500 REV: 1

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FIBER & POWER DISTRIBUTION BOX
 FC12-PC6-10E

① SPLICE BOX DETAIL
 NOT TO SCALE
 DETAIL NO. 1101

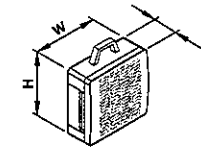


NOTES:

1. RAYCAP VIA AT&T SUPPLIES THE DC6 OVER VOLTAGE PROTECTOR AND PIPE MOUNTING BRACKETS, SUBCONTRACTOR SHALL SUPPLY THE PIPE.

RAYCAP DC6-48-60-18-8F
 DC POWER OVER VOLTAGE PROTECTOR (OVP)
 POLE MOUNT BASE ASSEMBLY

② SURGE SUPPRESSOR DETAIL
 NOT TO SCALE
 DETAIL NO. 1116 REV: 1



SIZE AND WEIGHT TABLE

RRU	WIDTH	DEPTH	HEIGHT	WEIGHT W/O BRACKET
RRU11 (700 MHz) WITHOUT SOLAR SHIELD	16.3"	5.8"	16.3"	44 LBS
RRU11 (700 MHz) WITH SOLAR SHIELD	17.8"	7.2"	17.3"	49 LBS
RRU11 (AWS 1700/2100 MHz) WITHOUT SOLAR SHIELD	16.3"	5.8"	16.3"	50 LBS
RRU11 (AWS 1700/2100 MHz) WITH SOLAR SHIELD	17.8"	7.2"	17.3"	55 LBS

ERICSSON
 REMOTE RADIO UNIT (RRU)
 ③ RRU DETAIL
 NOT TO SCALE
 DETAIL NO. 1131 REV: 3

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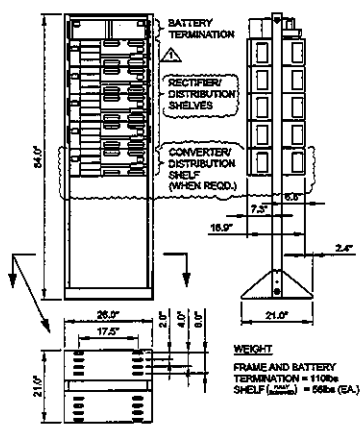
4430 ROSEWOOD DR. BLDG 3, 6TH FLOOR
 PLEASANTON, CA 94588

UNIVERSITY AVENUE
 &
 MCGEE AVENUE

CN4988
 1612 UNIVERSITY AVE
 BERKELEY, CA 94703

ISSUE STATUS			
A	DATE	REVISIONS	BY
1	11/29/12	20 100%	J.S. J.G.
2	12/28/12	20 100%	J.S. J.G.
APPROVED BY:		DATE: 12/28/12	
SCALE: AS SHOWN			

SHEET TITLE			
DETAILS			
JOB NUMBER:	SITE NUMBER:	SHEET NUMBER:	REV
25736-635	CN4988	A07	0

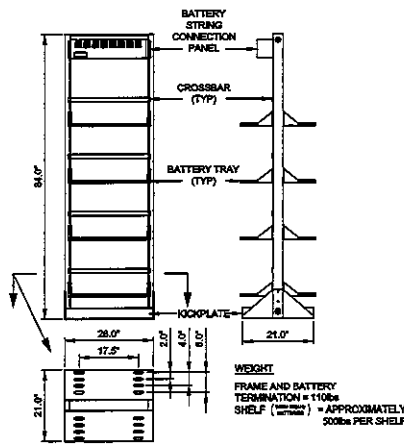


**LINEAGE INFINITY D
DC POWER SYSTEM IN
FULL HEIGHT RACK**

① DC POWER PLANT DETAIL

NOT TO SCALE
 DETAIL NO: 1128 REV: 1

WEIGHT
 FRAME AND BATTERY
 TERMINATION = 110lbs
 SHELF (1000) = 550lbs (EA.)

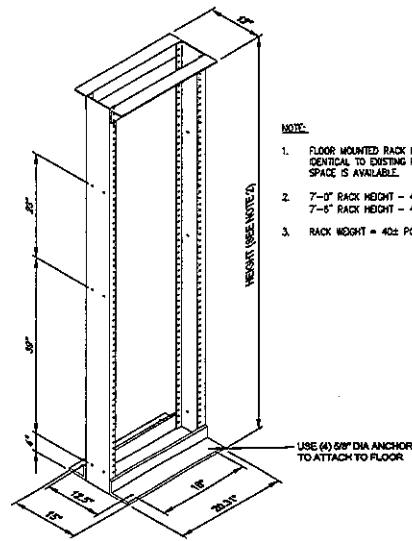


**LINEAGE FULL HEIGHT
BATTERY RACK**

② BATTERY RACK DETAIL

NOT TO SCALE
 DETAIL NO: 1128B REV: 1

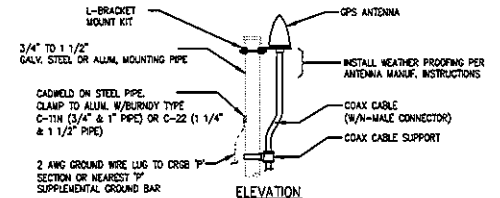
WEIGHT
 FRAME AND BATTERY
 TERMINATION = 110lbs
 SHELF (1000) = APPROXIMATELY
 500lbs PER SHELF



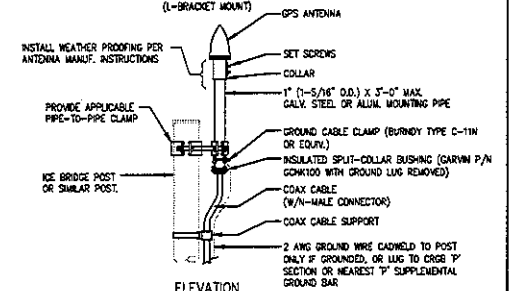
INDOOR FLOOR MOUNTED 19" RACK

③ 19" RACK DETAIL

NOT TO SCALE
 DETAIL NO: 1125



**ELEVATION
(L-BRACKET MOUNT)**



**ELEVATION
(COLLAR MOUNT)**

NOTE:

- FLOOR MOUNTED RACK HEIGHT SHALL BE IDENTICAL TO EXISTING RACK HEIGHT IF SPACE IS AVAILABLE.
- 7'-0" RACK HEIGHT - 45 RMAJ
7'-6" RACK HEIGHT - 48 RMAJ
- RACK WEIGHT = 402 POUNDS

NOTES:

- LOCATION OF ANTENNA MUST HAVE CLEAR VIEW OF SOUTHERN SKY AND CANNOT HAVE ANY BLOCKAGES EXCEEDING 25% OF THE SURFACE AREA OF A HEMISPHERE AROUND THE GPS ANTENNA.
- ALL GPS ANTENNA LOCATIONS MUST BE ABLE TO RECEIVE CLEAR SIGNALS FROM A MINIMUM OF FOUR (4) SATELLITES. VERIFY WITH HANDHELD GPS BEFORE FINAL LOCATION OF GPS ANTENNA.
- CADWELDING SHALL NOT BE PERFORMED ON ROOFTOPS.
- LTE-GPS ANTENNA SHALL BE LOCATED 10' FROM ALL ANTENNAS.

**LTE-GPS ANTENNA
PIPE & L-BRACKET MOUNT**

④ GPS ANTENNA DETAIL

NOT TO SCALE DETAIL NO: 1121A REV: 1

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11/23/12	2D 20%	JLS	JCL		DRAWN BY: J. SMITH
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