

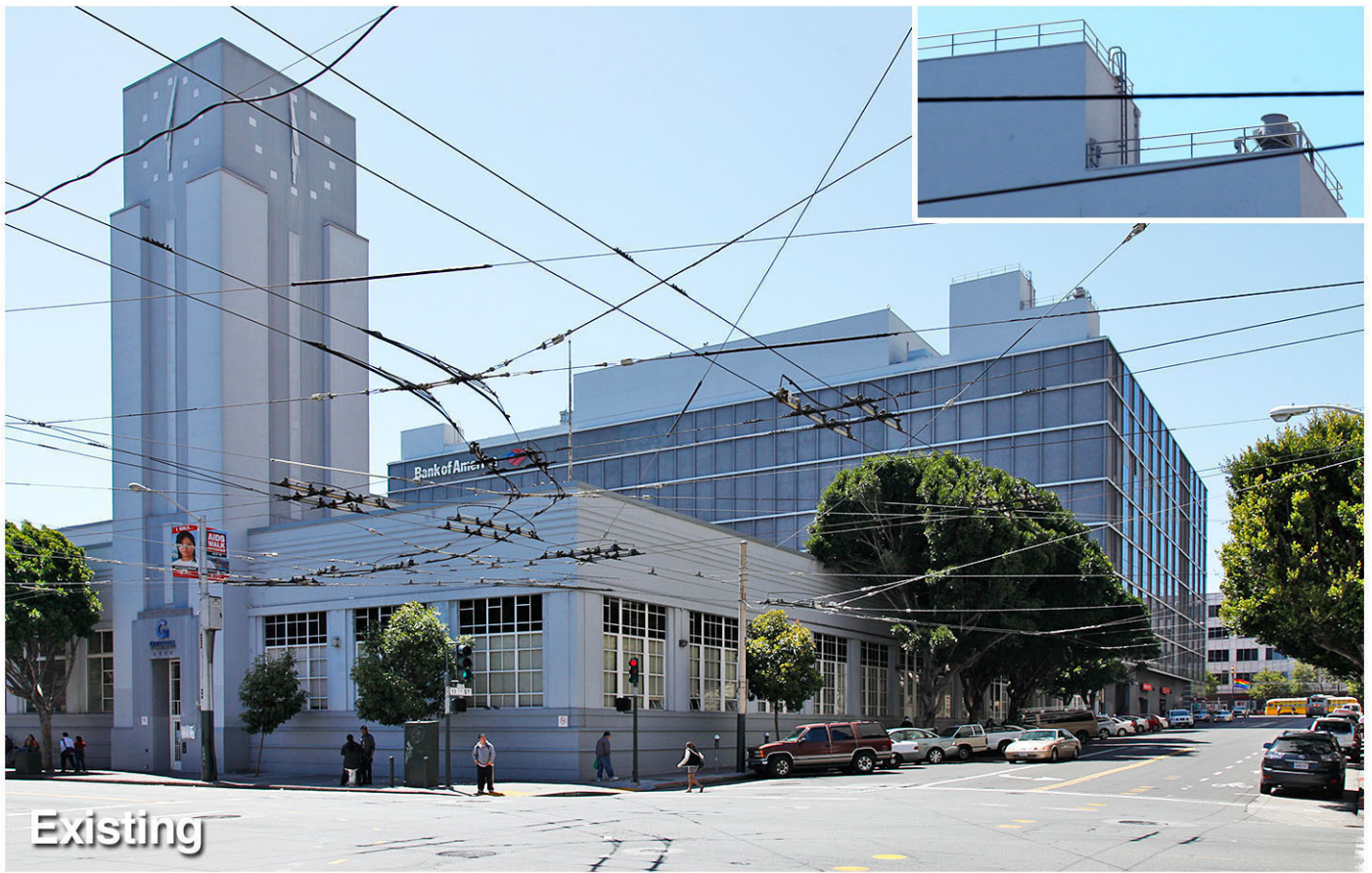


Existing



proposed antennas behind screening

Proposed



Existing



proposed antennas behind screening

Proposed



Existing



proposed antennas behind screening

Proposed



MARKET & VAN NESS RELO

1 S VAN NESS AVE, SAN FRANCISCO, CA 94103

LOCATION NUMBER: 318889

**MARKET &
VAN NESS
RELO**

318889
1 S VAN NESS AVE
SAN FRANCISCO, CA 94103

verizon wireless

2785 MITCHELL DRIVE, BLDG 9
WALNUT CREEK, CA 94598

VERIZON WIRELESS EQUIPMENT ENGINEER: SIGNATURE _____ DATE _____	VERIZON WIRELESS REAL ESTATE: SIGNATURE _____ DATE _____
VERIZON WIRELESS CONSTRUCTION: SIGNATURE _____ DATE _____	VERIZON WIRELESS RF ENGINEER: SIGNATURE _____ DATE _____
PROPERTY OWNER: SIGNATURE _____ DATE _____	ERICSSON – LEASING SIGNATURE _____ DATE _____
ERICSSON – CONSTRUCTION SIGNATURE _____ DATE _____	ERICSSON – ZONING SIGNATURE _____ DATE _____

PROJECT DESCRIPTION

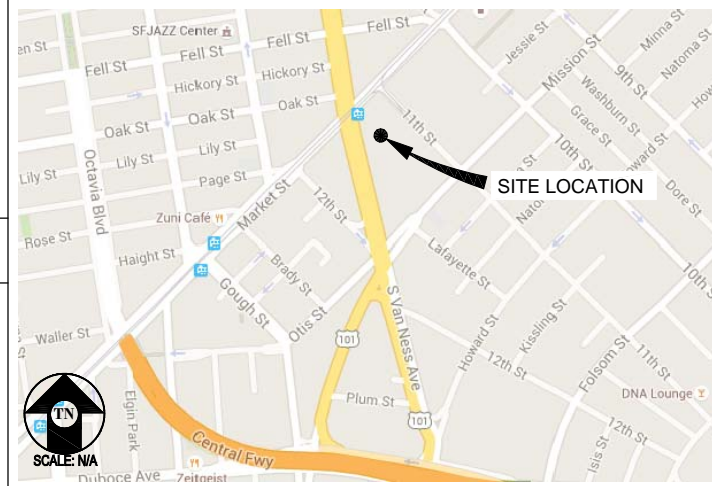
A (P) VERIZON WIRELESS UNMANNED TELECOMMUNICATION FACILITY CONSISTING OF INSTALLING:

- (15) (P) ANTENNAS
- (30) (P) RRUS-12 UNITS W/ (30) (P) A2 MODULES
- (11) (P) RAYCAP 3315 UNITS, ((6) @ EQUIPMENT & (1) PER ANTENNA SECTOR)
- (P) VERIZON WIRELESS 8'-6"x23'-0" (195 SQ FT) EQUIPMENT/LEASE AREA
- (2) (P) GPS ANTENNAS
- (5) (P) 3/8" CONDUITS W/ (1) (P) HYBRID CABLE PER CONDUIT
- (3) (P) FRP SCREENS PAINTED & TEXTURED TO MATCH (E) PENTHOUSE

PROJECT INFORMATION

SITE NAME:	MARKET & VAN NESS RELO	SITE #:	318889
COUNTY:	SAN FRANCISCO	JURISDICTION:	CITY OF SAN FRANCISCO
BLOCK/LOT:	3506-001	POWER:	PG&E
SITE ADDRESS:	1 S VAN NESS AVE SAN FRANCISCO, CA 94103	TELEPHONE:	AT&T
CURRENT ZONING:	C-3-G-DWONTOWN GENERAL		
CONSTRUCTION TYPE:	V-B		
OCCUPANCY TYPE:	U, (UNMANNED COMMUNICATIONS FACILITY)		
PROPERTY OWNER:	CITY & COUNTY OF SAN FRANCISCO 25 VAN NESS AVE #400 SAN FRANCISCO, CA 94102		
APPLICANT:	VERIZON WIRELESS 2785 MITCHELL DRIVE, BLDG 9 WALNUT CREEK, CA 94598		
LEASING CONTACT:	ERICSSON ATTN: MARK JONES (925) 523-8904		
ZONING CONTACT:	ERICSSON ATTN: MARK JONES (330) 391-0360		
CONSTRUCTION CONTACT:	ERICSSON ATTN: CHRIS KAAHANUI (702) 224-4308		

VICINITY MAP



DRIVING DIRECTIONS

- FROM: 2785 MITCHELL DRIVE, BLDG 9, WALNUT CREEK, CA 94598
TO: 1 S VAN NESS AVE, SAN FRANCISCO, CA 94103
1. HEAD NORTHEAST ON MITCHELL DR TOWARD OAK GROVE RD 30 FT
 2. TURN RIGHT ONTO OAK GROVE RD 0.4 MI
 3. TURN RIGHT ONTO YGNACIO VALLEY RD 3.4 MI
 4. YGNACIO VALLEY RD TURNS SLIGHTLY RIGHT AND BECOMES HILLSIDE AVE 0.2 MI
 5. TURN RIGHT ONTO THE 24 W RAMP TO OAKLAND 1.2 MI
 6. CONTINUE ONTO CA-24 W/HWY 24 W 5.8 MI
 7. KEEP LEFT TO CONTINUE ON CA-24 W 2.3 MI
 8. KEEP LEFT AT THE FORK TO STAY ON CA-24 W 4.3 MI
 9. TAKE EXIT 2B FOR INTERSTATE 580 W 1.0 MI
 10. MERGE ONTO I-580 W 0.6 MI
 11. TAKE EXIT 19A ON THE LEFT TO MERGE ONTO I-80 W TOWARD SAN FRANCISCO (PARTIAL TOLL ROAD) 8.3 MI
 12. TAKE EXIT 1B TO MERGE ONTO US-101 N TOWARD GOLDEN GATE BRIDGE 0.7 MI
 13. TAKE EXIT 434A FOR U.S. 101 N TOWARD G G BRIDGE 0.2 MI
 14. CONTINUE ONTO US-101 N/MISSION ST 0.1 MI
 15. SLIGHT LEFT ONTO S VAN NESS AVE 0.2 MI

END AT: 1 S VAN NESS AVE, SAN FRANCISCO, CA 94103

ESTIMATED TIME: 41 MINUTES ESTIMATED DISTANCE: 28.5 MILES

CODE COMPLIANCE

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

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

ALONG WITH ANY OTHER APPLICABLE LOCAL & STATE LAWS AND REGULATIONS

DISABLED ACCESS REQUIREMENTS

THIS FACILITY IS UNMANNED & NOT FOR HUMAN HABITATION. DISABLED ACCESS & REQUIREMENTS ARE NOT REQUIRED IN ACCORDANCE WITH CALIFORNIA STATE BUILDING CODE, TITLE 24 PART 2, SECTION 11B-203.4

SHEET INDEX

SHEET	DESCRIPTION	REV
T-1	TITLE SHEET	-
C-1	TOPOGRAPHIC SURVEY	-
A-1	SITE PLAN	-
A-2	ENLARGED SITE PLAN	-
A-3	EQUIPMENT PLAN & DETAILS	-
A-4	ANTENNA PLANS & DETAILS	-
A-5	ANTENNA PLANS	-
A-6	ELEVATION	-
A-7	ELEVATION	-
A-8	ELEVATION	-
A-9	ELEVATION	-

Streamline Engineering and Design, Inc.
8445 Sierra College Blvd, Suite E Granite Bay, CA 95661
Contact: Larry Houghton Phone: 916-275-4180
E-Mail: larry@streamlineeng.com Fax: 916-660-1941

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PRELIMINARY:
NOT FOR
CONSTRUCTION

KEVIN R. SORENSEN
S4469

ISSUE STATUS

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	07/08/15	ZD 95%	J.S.
	10/06/15	ZD 100%	J.S.
	10/07/15	CD 90%	J.S.
	10/28/15	ZD 100%	J.S.
	-	-	-

DRAWN BY: J. SMITH

CHECKED BY: J. GRAY

APPROVED BY: -

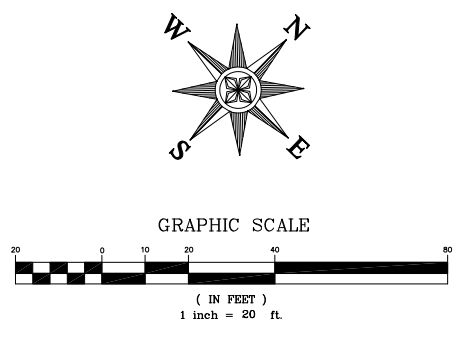
DATE: 10/28/15

SHEET TITLE:

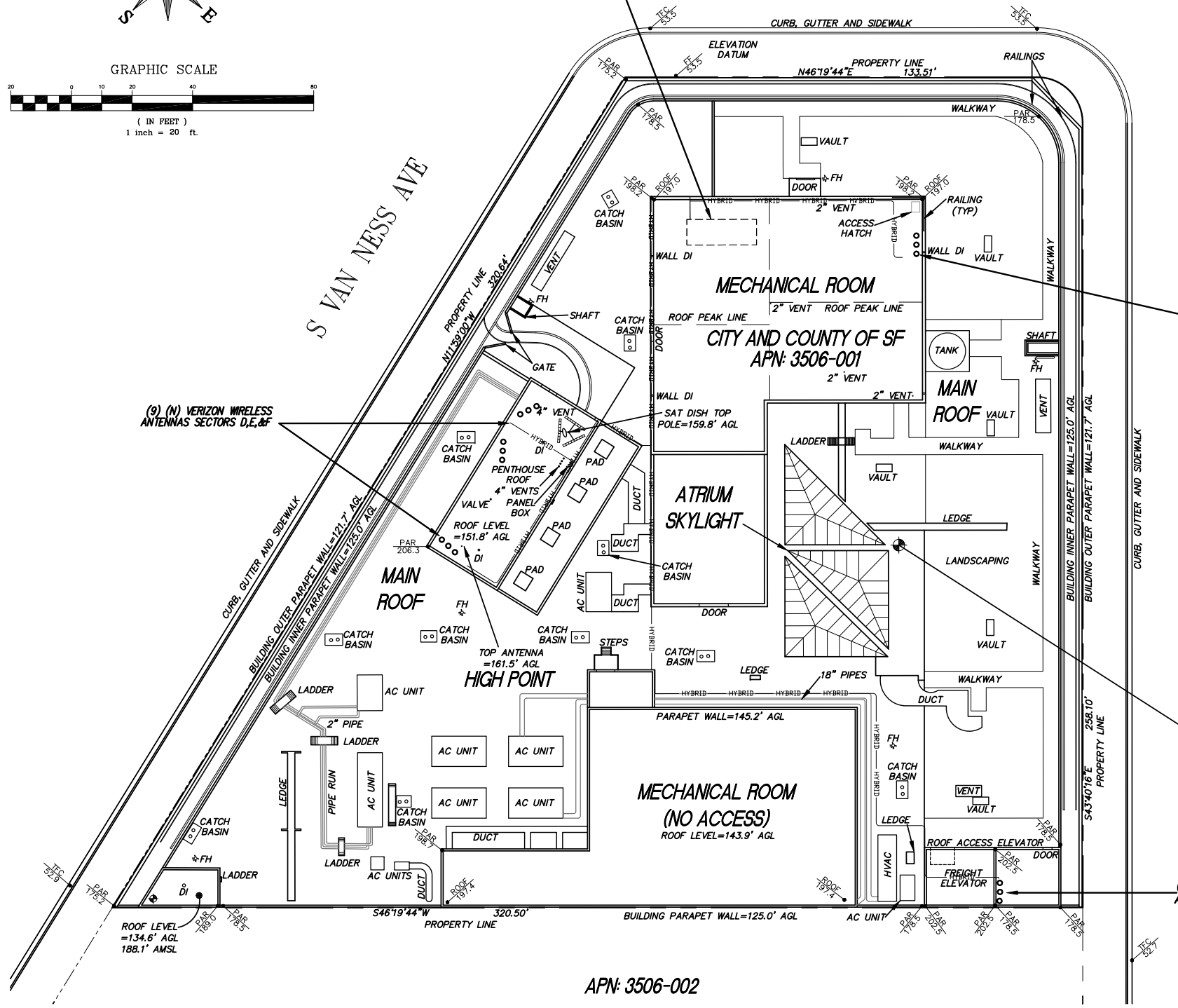
TITLE

SHEET NUMBER:

T-1

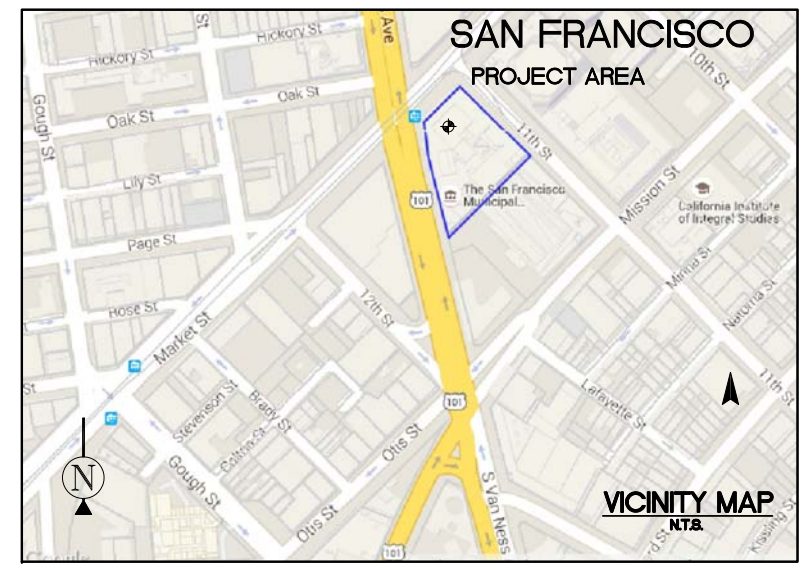


APPROX LOCATION OF (N) VERIZON WIRELESS
8'-6" X 23'-0" (195 SQ FT) EQUIPMENT/LEASE AREA
LOCATED INSIDE (E) ROOFTOP PENTHOUSE W/ (N)



OVERALL VIEW

20 SCALE



MARKET STREET

PROPERTY INFORMATION
 OWNER: CITY & COUNTY OF SAN FRANCISCO
 ADDRESS: 25 VAN NESS AVENUE #400
 SAN FRANCISCO, CA 94102
 MARKET & VAN NESS RELO
 1 S. VAN NESS AVENUE
 SAN FRANCISCO, CA 94103
 ASSESSOR'S PARCEL NUMBER: APN: 3506-001
 EXISTING GROUND ELEVATION: BUILDING FINISH FLOOR=53.5' AMSL

LESSOR'S LEGAL DESCRIPTION
 THE LAND IS SITUATED IN THE COUNTY OF SAN FRANCISCO,
 STATE OF CALIFORNIA, RECORDED MAY 17, 2007, IN
 DOCUMENT NO. 1387282.

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

BASIS OF BEARING
 BEARINGS SHOWN HEREON ARE BASED UPON U.S. STATE PLANE
 NAD83 COORDINATE SYSTEM STATE PLANE COORDINATE ZONE 3,
 DETERMINED BY GPS OBSERVATIONS.

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

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

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

LEGEND

P.O.B.	POINT OF BEGINNING	⊗	WATER CONTROL VALVE
V.C.G.	VERTICAL CURB AND GUTTER	⊗	FIRE HYDRANT
R/W	RIGHT OF WAY	⊗	GUY CONDUCTOR
AP	ASPHALT	⊗	FOUND AS NOTED
D/W	ACCESS DRIVEWAY	⊗	POWER POLE
TOP	TOP OF SLOPE	⊗	LIGHT POLE
SW	SIDEWALK	⊗	ELECTRICAL TRANSFORMER
TP	TOP OF PARAPET	⊗	AIR CONDITIONING UNIT
TW	TOP OF WALL	⊗	TELEPHONE PEDESTAL
⊗	LOT NUMBER	⊗	TELEPHONE VAULT
⊗	GEODETIC COORDINATES	⊗	TELEPHONE MANHOLE
⊗	SPOT ELEVATION	⊗	GAS VALVE
⊗	DISH ANTENNA	⊗	GAS METER
---	PROPERTY LINE	---	
---	CHAIN LINK FENCE	---	

TITLE REPORT
 THE TITLE REPORT WAS NOT PROVIDED.

SURVEY DATE
 5/05/15

(3) (N) VERIZON WIRELESS
ANTENNAS SECTOR A

**GEODETIC COORDINATES
TAKEN HERE AT**
 CENTER POINT OF 5 SECTORS
 (NAD 83) 37° 46' 29.97"
 122° 25' 06.46"
 BUILDING FINISH FLOOR=53.5' AMSL
 HIGH POINT (E) ANTENNA=215.0' AMSL
 HIGH POINT (E) ANTENNA=161.5' AGL

(3) (N) VERIZON WIRELESS
ANTENNAS SECTOR B

ISSUE STATUS

REV.	DESCRIPTION	DATE
1	SITE PLAN	5/19/2015
2	SECTOR ADDED	6/08/2015
3	TOTAL SECTORS	10/18/2015
4		5

HAYES
 Land Surveying
 And Mapping
 2820 MADRACAN COURT
 CONCORD, CA 94518
 PHONE: 925-748-3511



verizon

2785 MITCHELL DRIVE
 WALNUT CREEK, CA. 94598
 OFFICE: 925-279-6000
 (925) 279-6333

**TOPOGRAPHIC SURVEY
EXISTING CONDITIONS**

PSL# 318889
 MARKET & VAN NESS RELO
 1 S. VAN NESS AVENUE
 SAN FRANCISCO, CA 94103

C-1
 SHEET 1 of 1

**MARKET &
VAN NESS
RELO**

318889
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PRELIMINARY:
NOT FOR
CONSTRUCTION

KEVIN R. SORENSEN
S4469

ISSUE STATUS

Δ	DATE	DESCRIPTION	REV.
	06/03/15	ZD 90%	C.C.
	07/08/15	ZD 95%	J.S.
	10/06/15	ZD 100%	J.S.
	10/07/15	CD 90%	J.S.
	10/28/15	ZD 100%	J.S.
	-	-	-

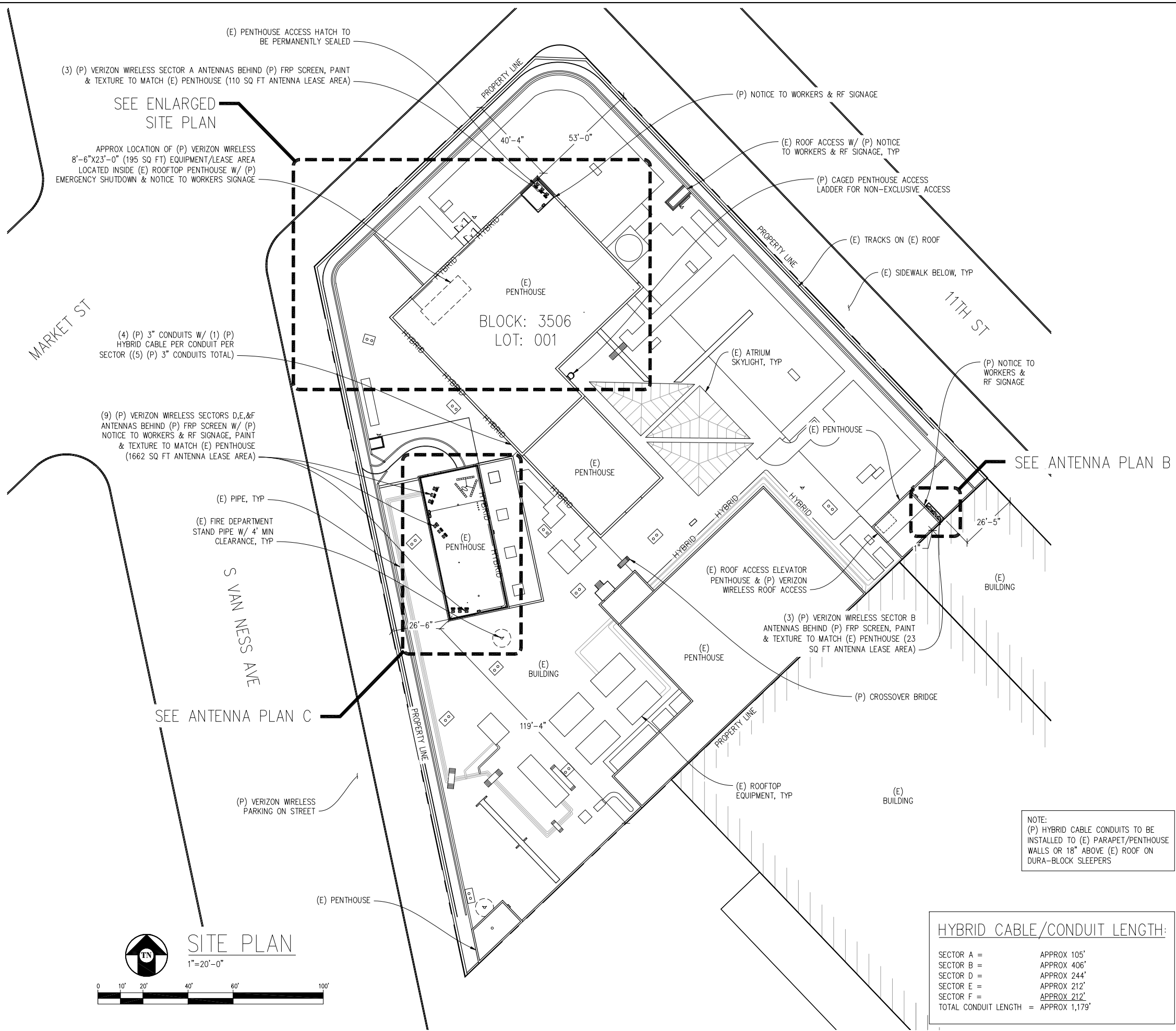
DRAWN BY: J. SMITH
CHECKED BY: J. GRAY
APPROVED BY: -
DATE: 10/28/15

SHEET TITLE:

SITE PLAN

SHEET NUMBER:

A-1



(E) PENTHOUSE ACCESS HATCH TO BE PERMANENTLY SEALED
(3) (P) VERIZON WIRELESS SECTOR A ANTENNAS BEHIND (P) FRP SCREEN, PAINT & TEXTURE TO MATCH (E) PENTHOUSE (110 SQ FT ANTENNA LEASE AREA)

SEE ENLARGED SITE PLAN

APPROX LOCATION OF (P) VERIZON WIRELESS 8'-6"x23'-0" (195 SQ FT) EQUIPMENT/LEASE AREA LOCATED INSIDE (E) ROOFTOP PENTHOUSE W/ (P) EMERGENCY SHUTDOWN & NOTICE TO WORKERS SIGNAGE

(4) (P) 3" CONDUITS W/ (1) (P) HYBRID CABLE PER CONDUIT PER SECTOR ((5) (P) 3" CONDUITS TOTAL)

(9) (P) VERIZON WIRELESS SECTORS D,E,&F ANTENNAS BEHIND (P) FRP SCREEN W/ (P) NOTICE TO WORKERS & RF SIGNAGE, PAINT & TEXTURE TO MATCH (E) PENTHOUSE (1662 SQ FT ANTENNA LEASE AREA)

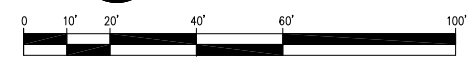
(E) PIPE, TYP
(E) FIRE DEPARTMENT STAND PIPE W/ 4' MIN CLEARANCE, TYP

SEE ANTENNA PLAN C

(P) VERIZON WIRELESS PARKING ON STREET



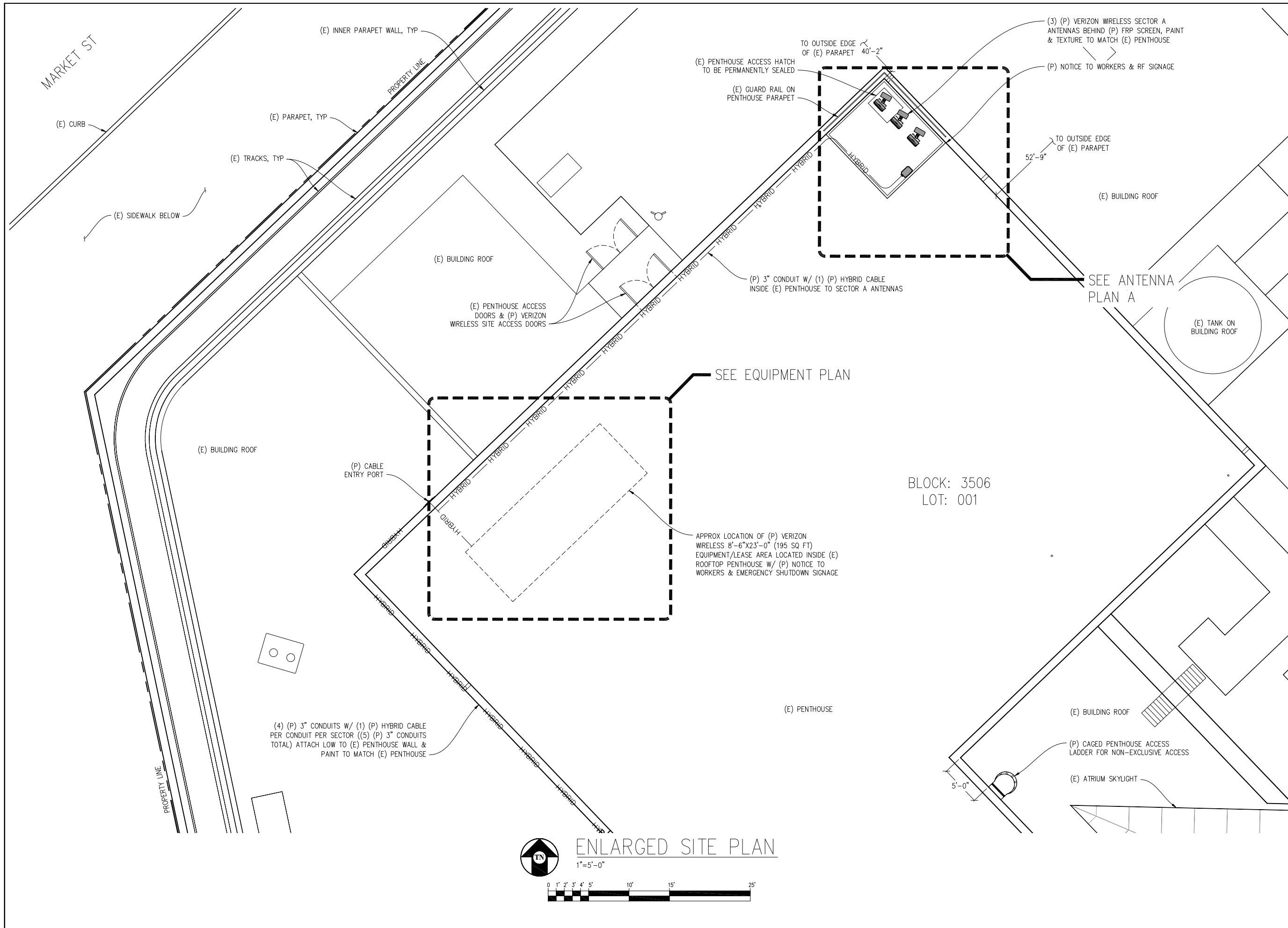
SITE PLAN
1"=20'-0"



NOTE:
(P) HYBRID CABLE CONDUITS TO BE INSTALLED TO (E) PARAPET/PENTHOUSE WALLS OR 18" ABOVE (E) ROOF ON DURA-BLOCK SLEEPERS

HYBRID CABLE/CONDUIT LENGTH:

SECTOR A = APPROX 105'
SECTOR B = APPROX 406'
SECTOR D = APPROX 244'
SECTOR E = APPROX 212'
SECTOR F = APPROX 212'
TOTAL CONDUIT LENGTH = APPROX 1,179'



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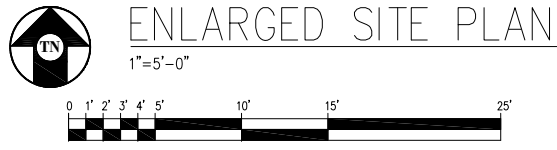
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	10/06/15	ZD 100%	J.S.
	10/07/15	CD 90%	J.S.
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	-	-	-

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CHECKED BY: J. GRAY
APPROVED BY: -
DATE: 10/28/15

SHEET TITLE:
ENLARGED
SITE PLAN

SHEET NUMBER:
A-2



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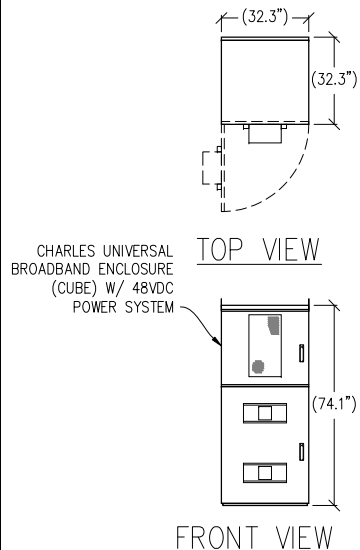
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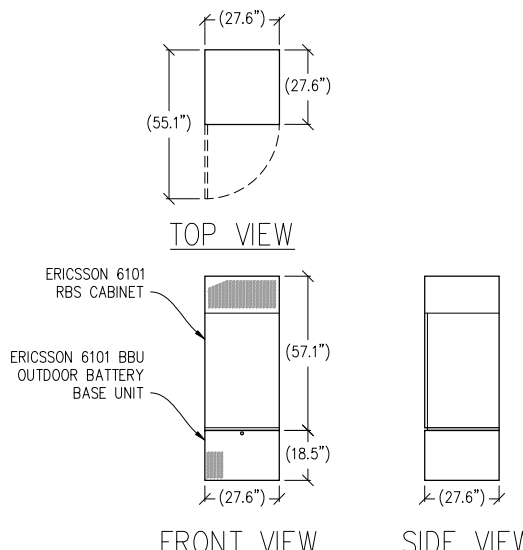
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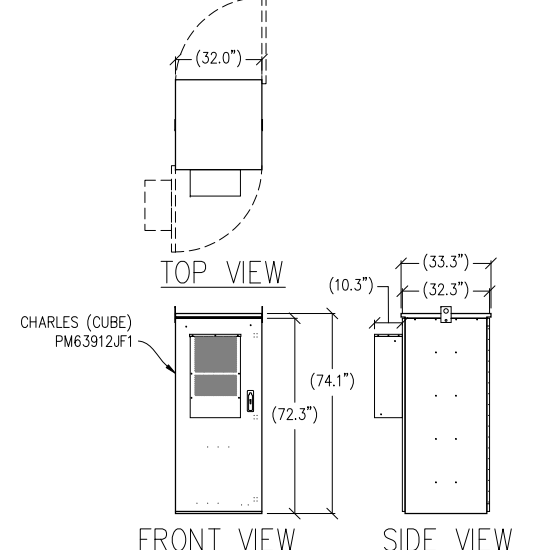
SHEET TITLE:
EQUIPMENT PLAN
& DETAILS
SHEET NUMBER:
A-3



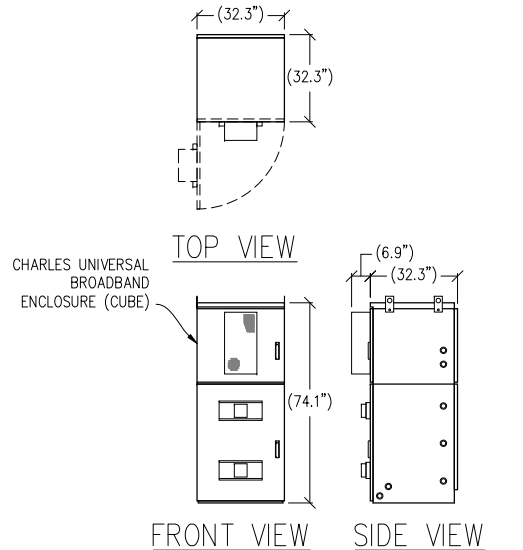
1 POWER CABINET DETAIL
3/8"=1'-0" WEIGHT: 1,767 LBS



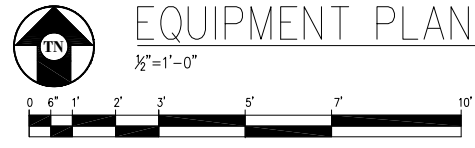
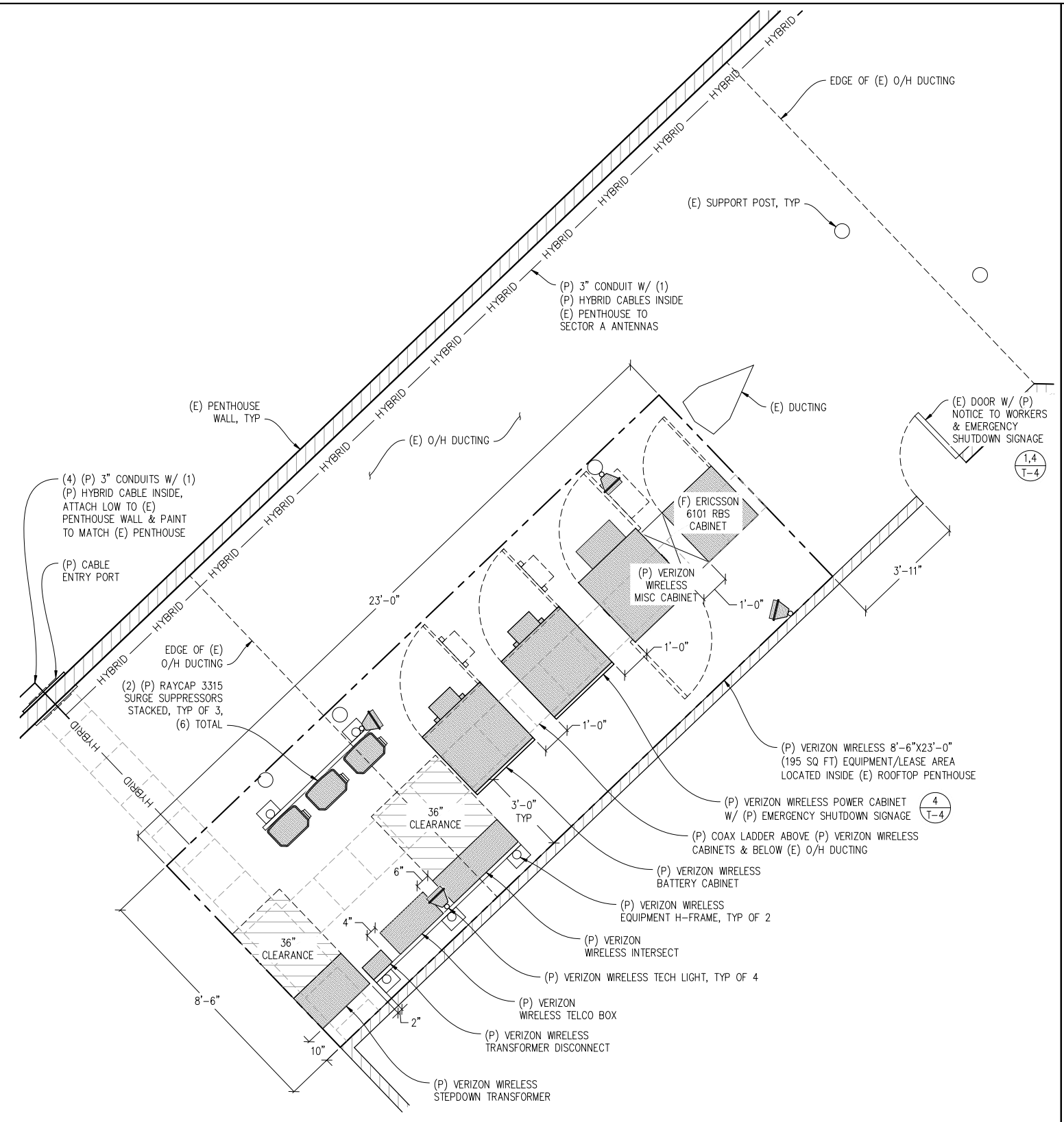
2 6101 CABINET DETAIL
3/8"=1'-0" WEIGHT: 1,990 LBS



3 MISC CABINET DETAIL
3/8"=1'-0" WEIGHT: 350 LBS



4 BATTERY CABINET DETAIL
3/8"=1'-0" WEIGHT: 2,439 LBS



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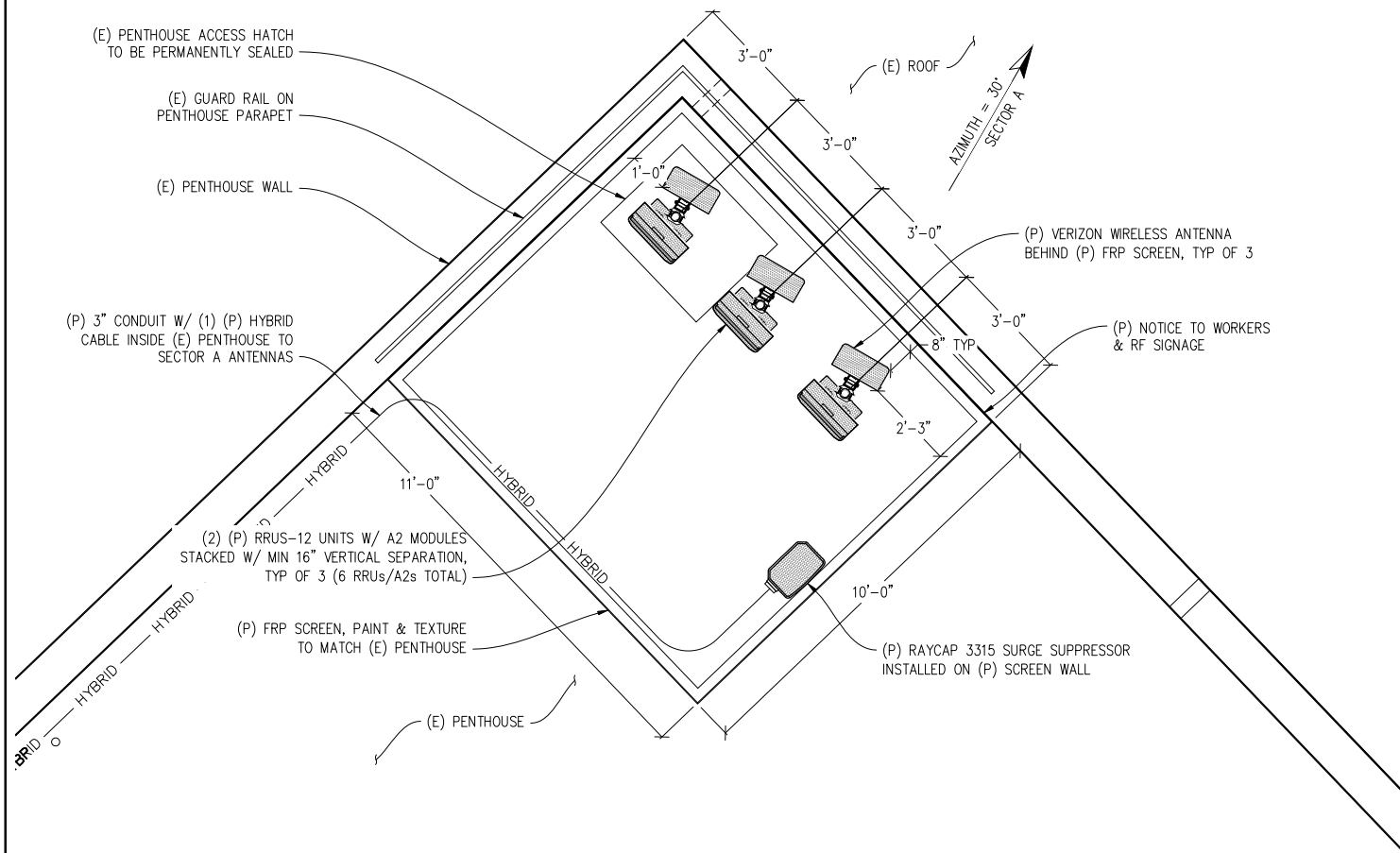
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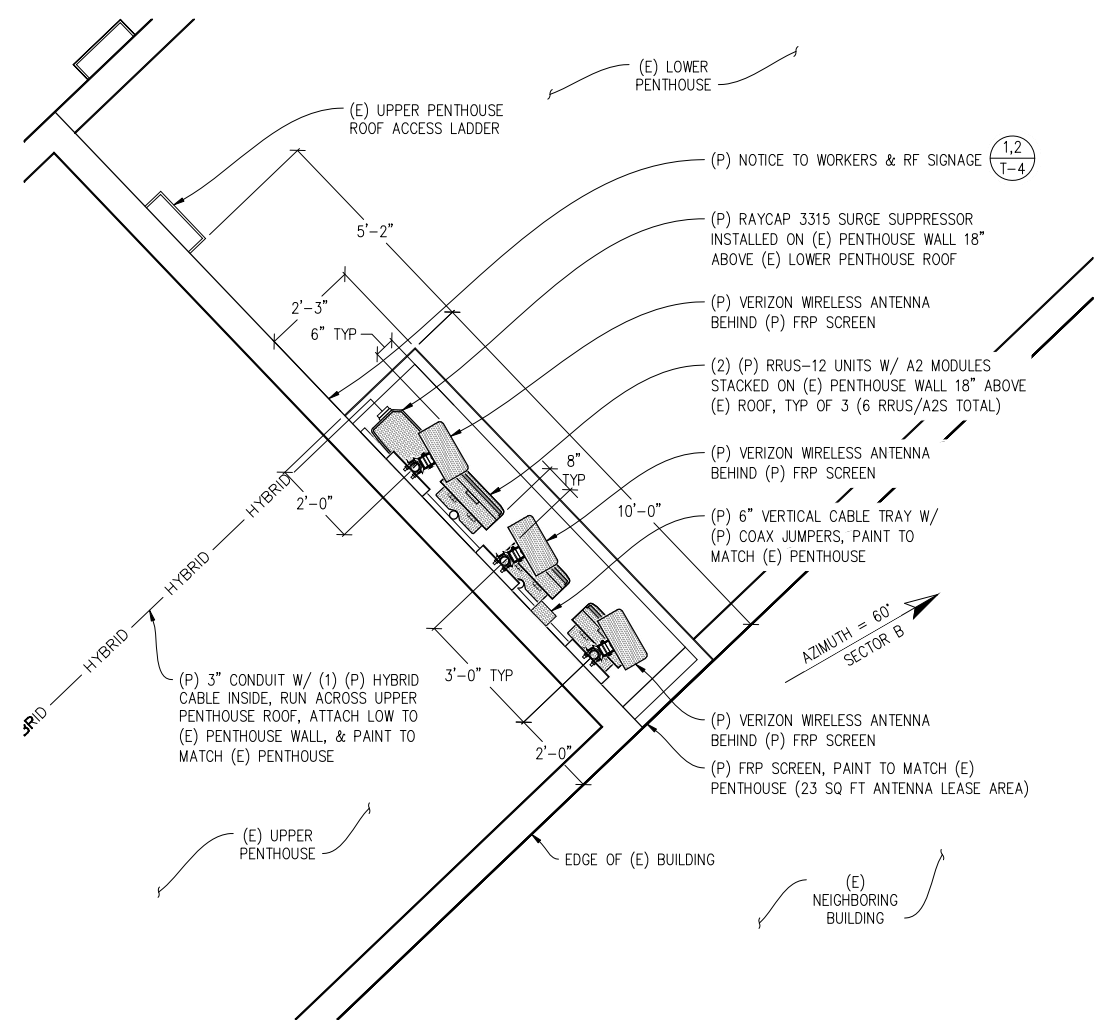
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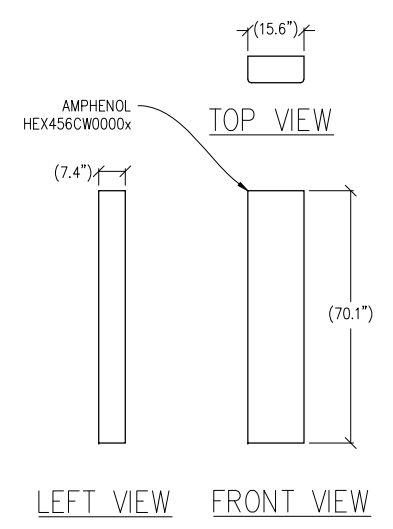
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ANTENNA PLANS
& DETAILS
SHEET NUMBER:
A-4



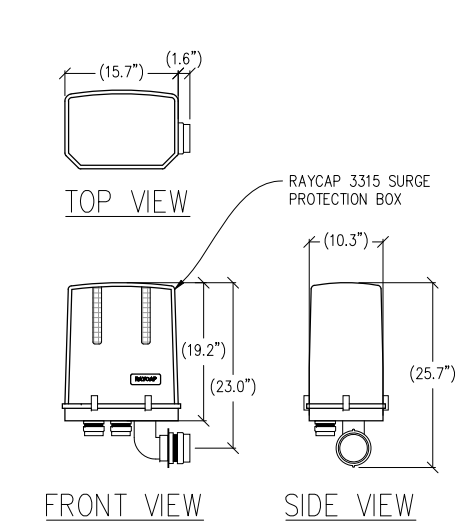
ANTENNA PLAN A
1/2" = 1'-0"



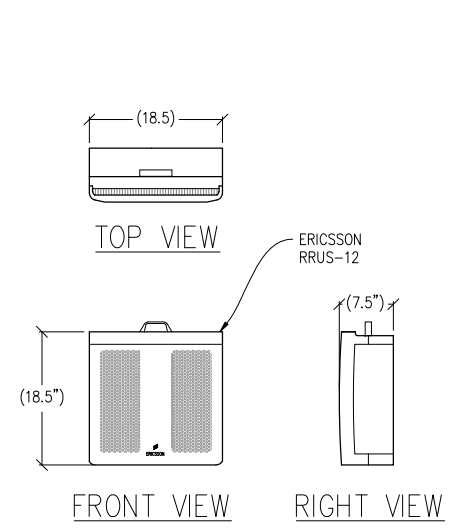
ANTENNA PLAN B
1/2" = 1'-0"



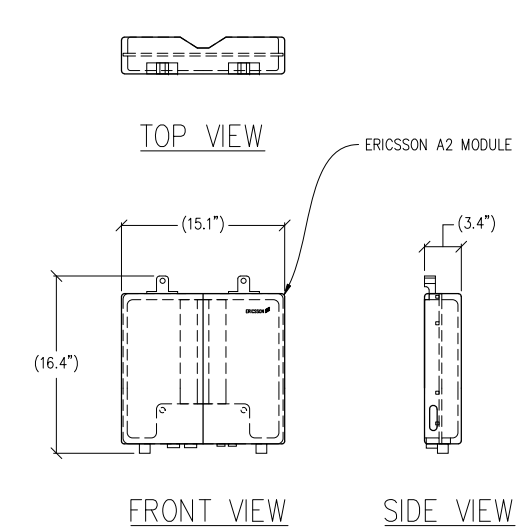
1 ANTENNA DETAIL
1/2" = 1'-0" MAX WEIGHT: 49.0 LBS



2 SURGE PROTECTION BOX
1" = 1'-0" MAX WEIGHT: 21.5 LBS



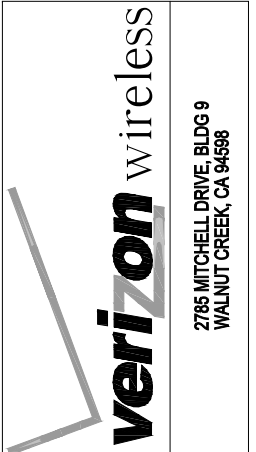
3 RRUS-12 DETAIL
1" = 1'-0" MAX WEIGHT: 57.5 LBS



4 A2 MODULE DETAIL
1/2" = 1'-0" MAX WEIGHT: 22 LBS

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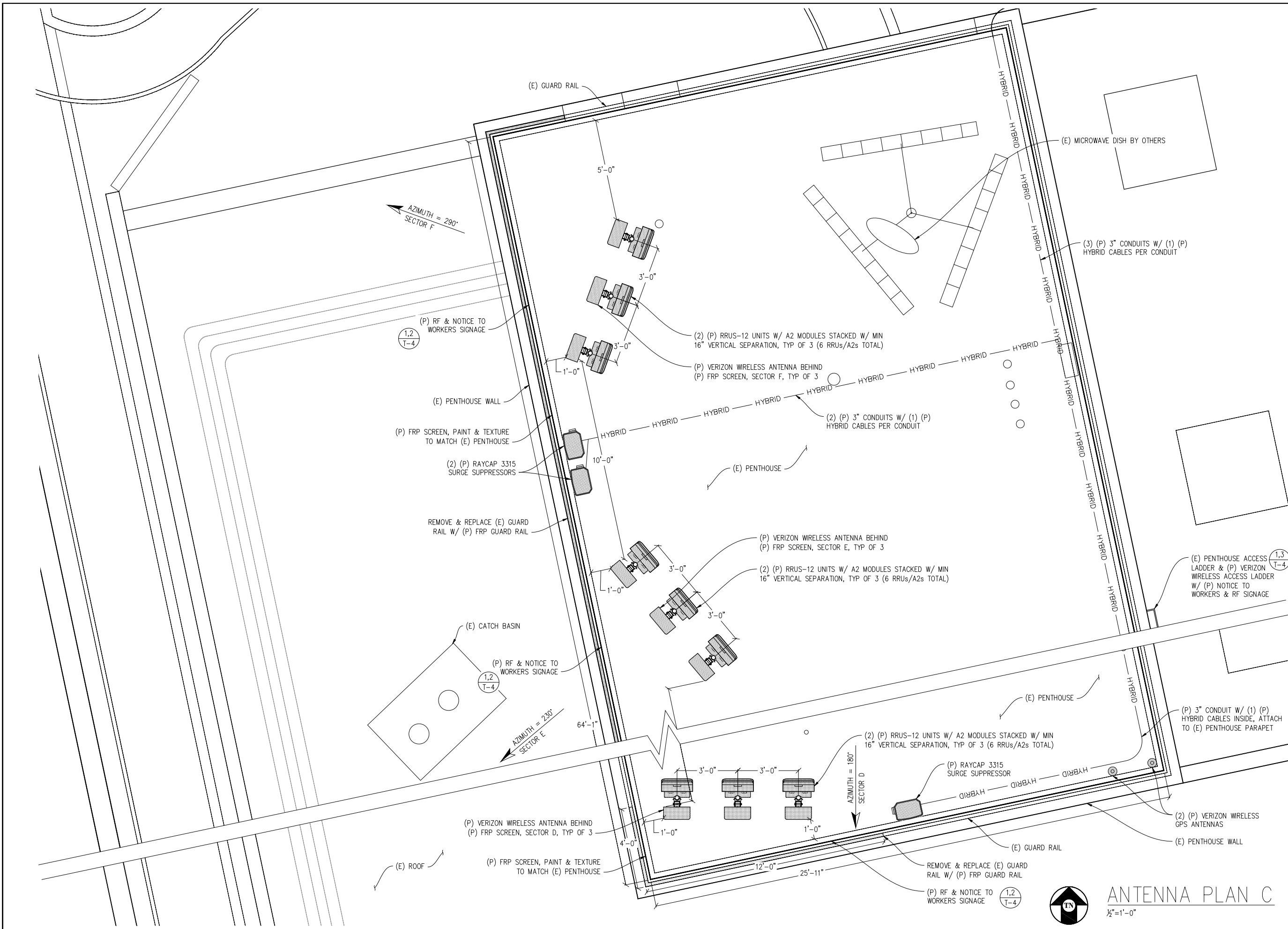
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S4469

ISSUE STATUS

Δ	DATE	DESCRIPTION	REV.
	06/03/15	ZD 90%	C.C.
	07/08/15	ZD 95%	J.S.
	10/06/15	ZD 100%	J.S.
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DRAWN BY: J. SMITH
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APPROVED BY: -
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ANTENNA PLAN C
1/2" = 1'-0"

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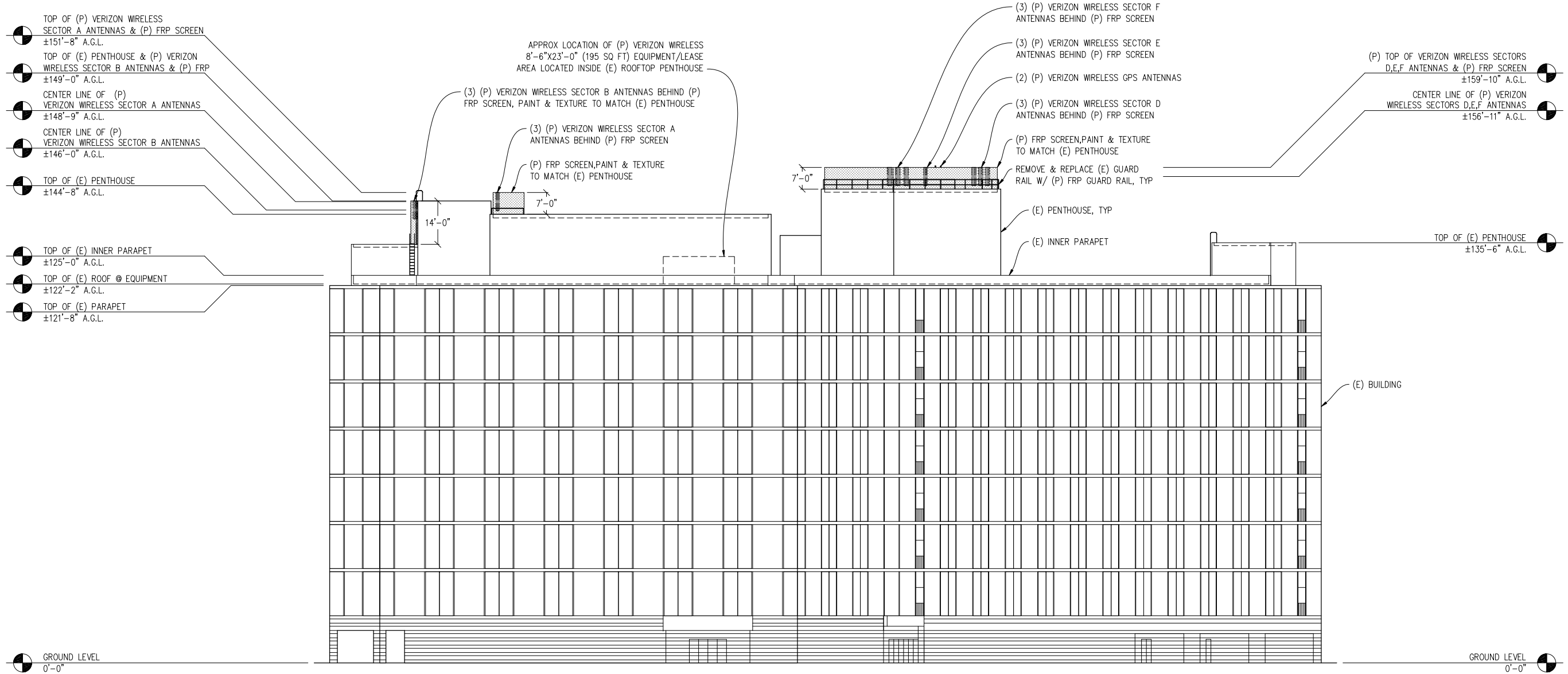
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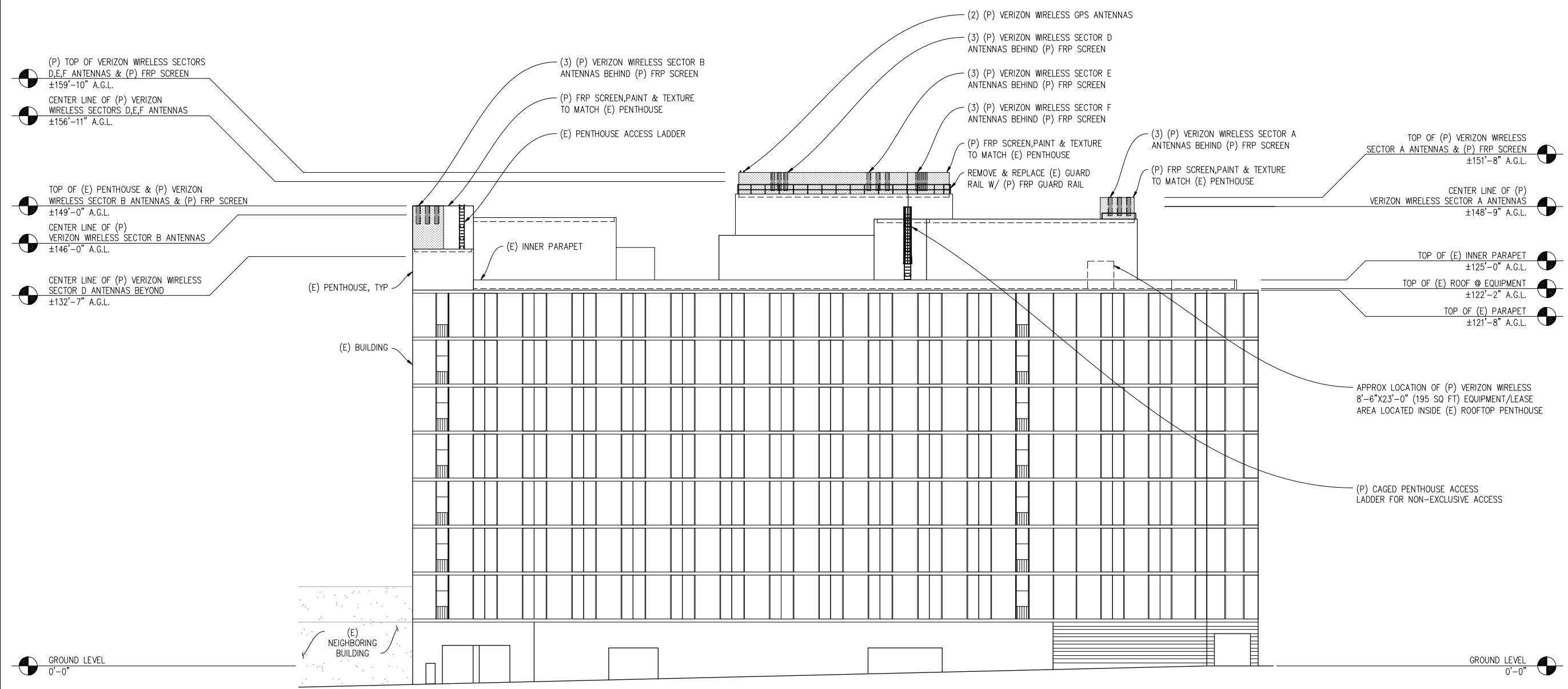


NORTHWEST ELEVATION

1/8" = 1'-0"

VIEW FROM MARKET ST

Scale: 1/8" = 1'-0"
 Date: 10/28/15



NORTHEAST ELEVATION

1/8" = 1'-0"

VIEW FROM 11TH ST

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 APPROVED BY: -
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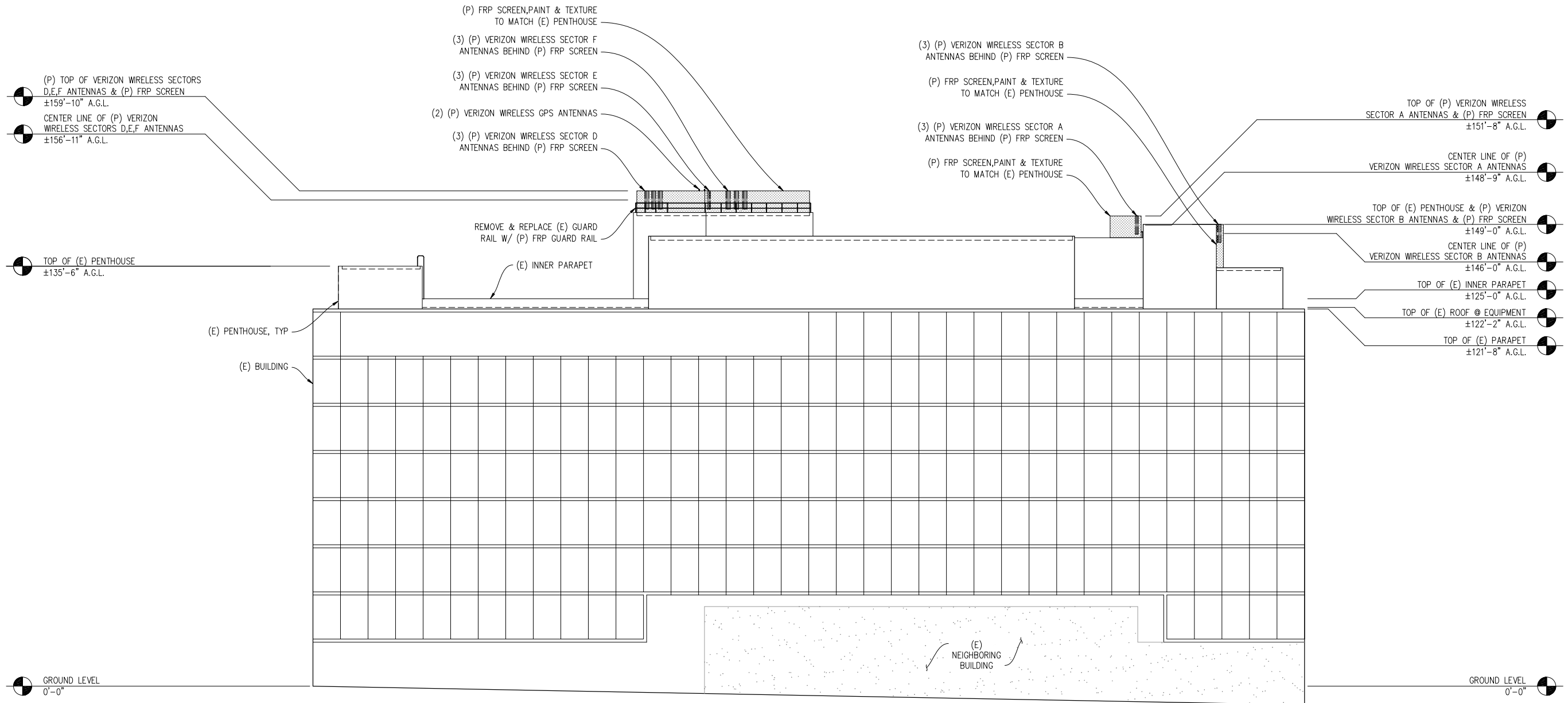
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APPROVED BY: -
DATE: 10/28/15

SHEET TITLE:

ELEVATION

SHEET NUMBER:

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SOUTHEAST ELEVATION

1/8" = 1'-0"

VIEW FROM MISSION ST

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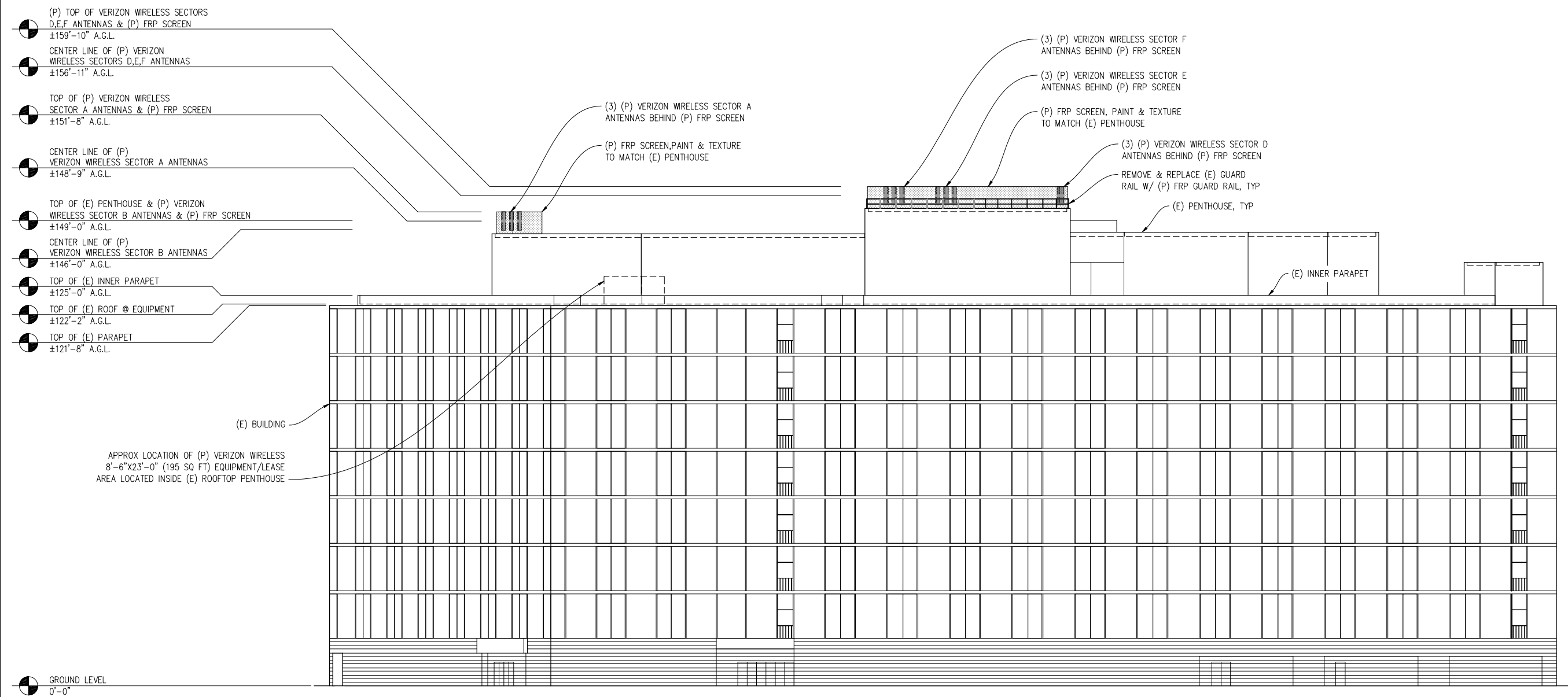
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SOUTHWEST ELEVATION

1/8" = 1'-0"

VIEW FROM VAN NESS AVE