

PROJECT DATA

SITE NAME: CSP-PPIR
ADDRESS: 18310 MIDWAY RANCH RD.
FOUNTAIN, CO 80903
JURISDICTION: EL PASO COUNTY

PROJ. SUMMARY: SITE IMPROVEMENTS FOR A TELEPHONE CELL SITE FOR VERIZON WIRELESS, KNOWN AS "CSP-PPIR". ALL WORK INCLUDES REMOVING 2 ANTENNAS (1 PER SECTOR), REPLACING WITH 2 (NEW) ANTENNAS (1 PER SECTOR), AND RUNNING ALL REQUIRED POWER AND SIGNAL CABLE FROM THE EQUIPMENT ROOM TO THE ANTENNAS.

RF ENGINEERS NOTE: LEAVE EXISTING 800 MHz AND COAX WHICH SUPPORTS CDMA. REPLACE THE 700 MHZ/AWS ANTENNAS WITH SIX PORT ANTENNAS. REMOVE EXISTING COAX FROM THE 700 AND 1900 ANTENNAS. REPLACE THE PCS ANTENNA ON EACH SECTOR. ADD A 2ND 6X12 FIBER SOLUTION TO SUPPORT A TOTAL OF 9 RRHS. ADD 1 RRH (60W) FOR 700 LTE AND 1 RRH FOR PCS LTE. REPLACE EXISTING AWS RRH WITH 60W RRH. NO DIPLEXERS. ALL NEW ANTENNAS ARE RET. WILL ALSO USE 4 JUMPERS FROM EACH RRH TO ANTENNA FOR 4-WAY RX ON EACH BAND (AWS, 750, AND PCS).

CODE/LOCATION INFORMATION:

CONSTRUCTION TYPE: V-B
OCCUPANCY: B-UNMANNED
STRUCTURE HEIGHT: 80'-0" A.G.L. (T.O. MONOPOLE)
NO. STORIES: ONE (1)
GROSS BUILDING AREA: 300 S.F.
OCCUPANT LOAD: 2 / UNMANNED
BUILDING CODE: 2009 IBC
ELEVATION: 5342'

PROJECT DATA

ARCHITECT: T-REX ARCHITEX
146 MADISON ST.
SUITE 200
DENVER, CO 80206
OWNER: ALDINE E. WARD, WILLIAM T. WARD, &
TIMOTHY T. WARD, SR.
2454 WAYNOKA RD.
COLORADO SPRINGS, CO 80915

DONI MITCHELL
303-388-2918
ATTN: TIM WARD

VERIZON WIRELESS
CONSTRUCTION MANAGER:
3131 SOUTH VAUGHN WAY
AURORA, CO 80014
ZONING: BLACK & VEATCH
304 INVERNESS WAY SOUTH
SUITE 400
ENGLEWOOD, CO 80112

MIKE GIOVANNI
303-873-2620
ALICIA WOOD
720-834-4362

VERIZON WIRELESS
RF ENGINEER:
3131 SOUTH VAUGHN WAY
AURORA, CO 80014

BILL KOWALCHUK
303-929-2011

GENERAL NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS RELATED TO THIS WORK PRIOR TO COMMENCING CONSTRUCTION AND VISIT THE SITE AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BETWEEN THE DOCUMENTS AND ACTUAL CONDITIONS. THE CONTRACTOR SHALL OBTAIN WRITTEN CLARIFICATION FROM THE ARCHITECT PRIOR TO PROCEEDING WITH ANY WORK.

2. THIS SET OF PLANS IS INTENDED TO BE USED FOR DIAGRAMMATIC PURPOSES ONLY. DETAILS ARE INTENDED TO SHOW END RESULT OF DESIGN. DRAWINGS ARE NOT TO BE SCALED. WRITTEN DIMENSIONS TAKE PRECEDENCE.

3. ALL WORK PERFORMED AND MATERIALS INSTALLED SHALL COMPLY WITH ALL APPLICABLE CODES, REGULATIONS, AND ORDINANCES OF ALL GOVERNING JURISDICTIONS. CONTRACTOR SHALL POST ALL NOTICES, SECURE ALL PERMITS, AND COMPLY WITH ALL LAWS, RULES, REGULATIONS AND LAWFUL ORDERS BEARING ON THE PERFORMANCE OF THE WORK.

4. THE CONTRACTOR SHALL RECEIVE WRITTEN AUTHORIZATION TO PROCEED WITH CONSTRUCTION AND SHALL SUPERVISE AND DIRECT THE PROJECT ACCORDINGLY. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES FOR ALL PORTIONS OF THE WORK UNDER THE CONTRACT.

5. THE CONTRACTOR SHALL MAKE NECESSARY PROMIONS TO PROTECT EXISTING IMPROVEMENTS, PAVING, CURBING, ETC. DURING CONSTRUCTION. UPON COMPLETION, PATCH AND REPAIR ALL DAMAGED ITEMS. RESTORE EACH DISTURBED AREA TO PRE-CONSTRUCTION CONDITION.

6. THE WORK DESCRIBED BY THE DRAWINGS OF ANY ONE DISCIPLINE MAY BE AFFECTED AND REQUIRE REFERENCE TO THE WORK DESCRIBED ON DRAWINGS OF ANOTHER DISCIPLINE. IT IS THE CONTRACTORS RESPONSIBILITY TO REVIEW AND COORDINATE THE WORK OF ALL SUB-CONTRACTORS, TRADES, AND / OR SUPPLIERS PRIOR TO COMMENCING CONSTRUCTION TO INSURE THAT ALL PARTIES ARE AWARE OF OVERLAPPING REQUIREMENTS.

7. ALL INTERRUPTED SYSTEMS SHALL BE COORDINATED WITH APPROPRIATE AUTHORITIES AND RESTORED TO ORIGINAL CONDITION AND OPERATION.

8. ALL DEMOLISHED ITEMS ARE TO BE REMOVED COMPLETELY FROM THE SITE.

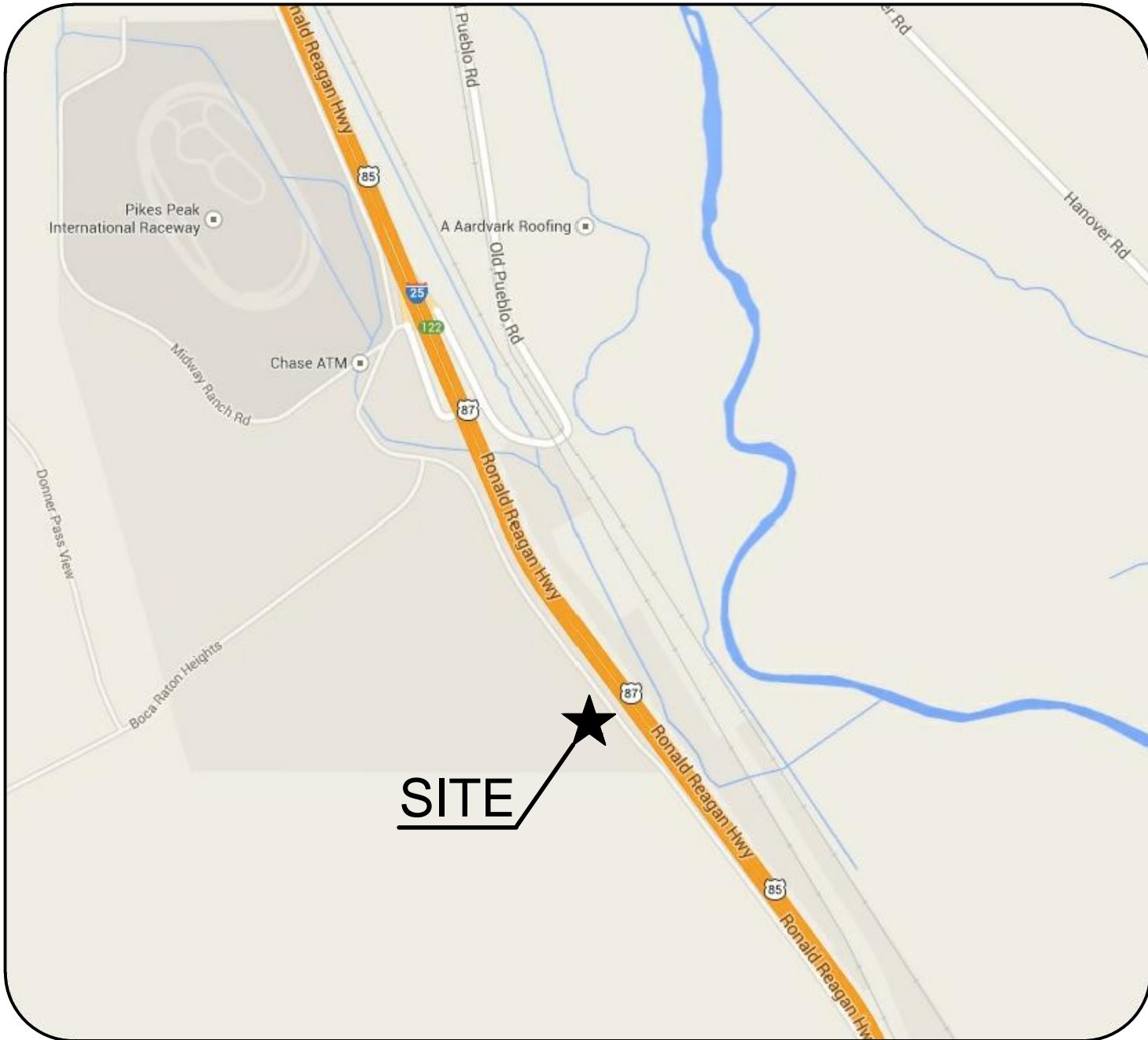
9. CALL 3-DAYS BEFORE YOU DIG! NOTIFICATION HOTLINE: 1-800-922-1977 or 811

CSP-PPIR

SITE MODIFICATION REQUEST
SMR-PCS



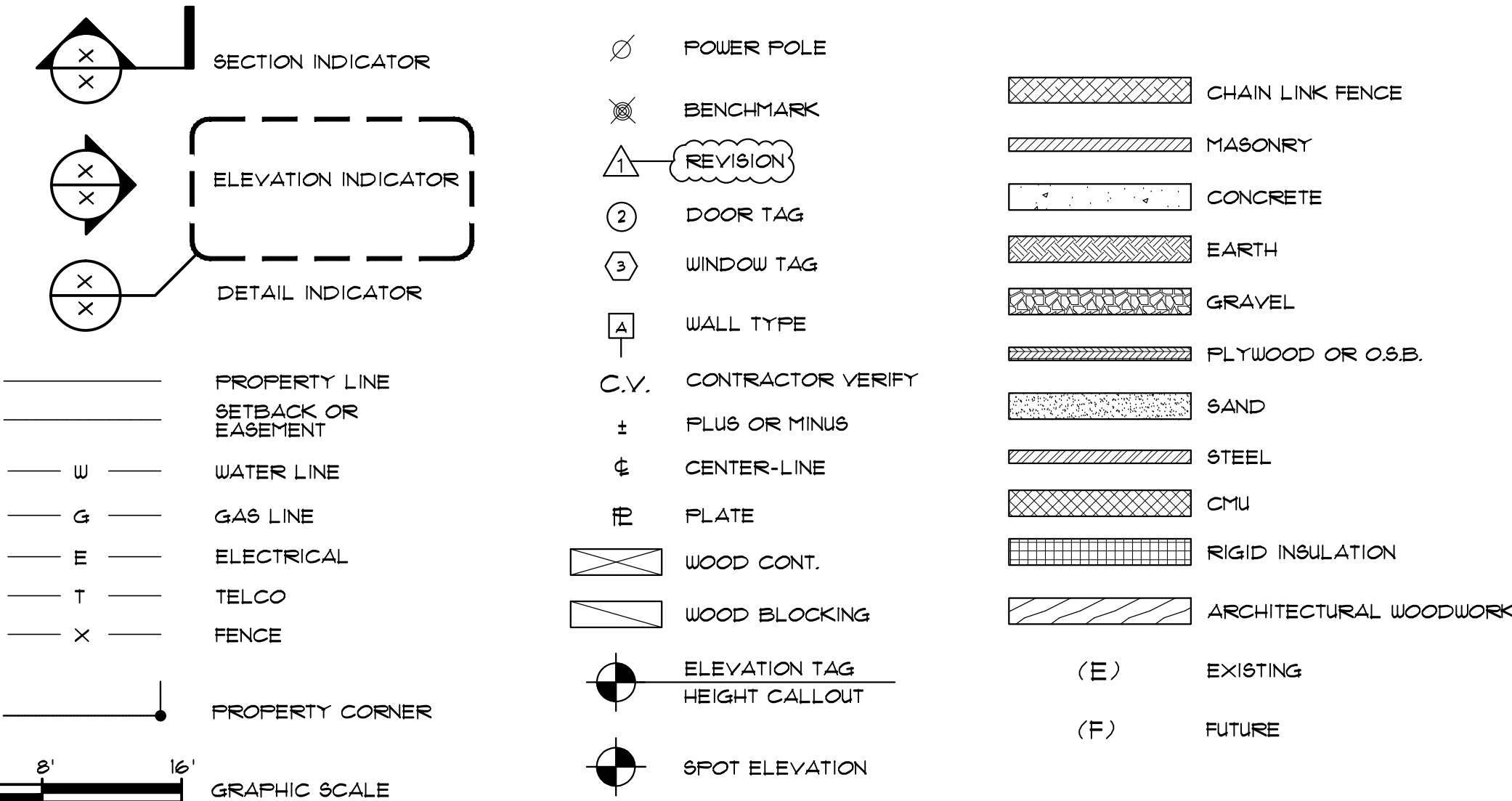
3131 S. VAUGHN WAY, SUITE 550
AURORA, CO 80014
303-694-3234



VICINITY MAP

SCALE: NTS

SYMBOL & MATERIAL LEGEND



INDEX OF DRAWINGS

T1 TITLE SHEET
A1 SITE PLAN / ELEVATION
A2 SHELTER PLANS / CABLE LENGTHS
A3 ANTENNA DETAILS
A3.1 SITE PHOTOS AND POWER SYSTEM DETAILS

APPROVAL

THIS SPACE IS RESERVED FOR SIGNATURES OF INVOLVED PARTIES TO INDICATE THAT THEY HAVE REVIEWED THE ACCOMPANYING DOCUMENTS AND HAVE APPROVED THEM. CHANGES INITIATED AFTER APPROVALS HAVE BEEN GIVEN MAY RESULT IN ADDITIONAL DESIGN OR CONSTRUCTION COSTS.

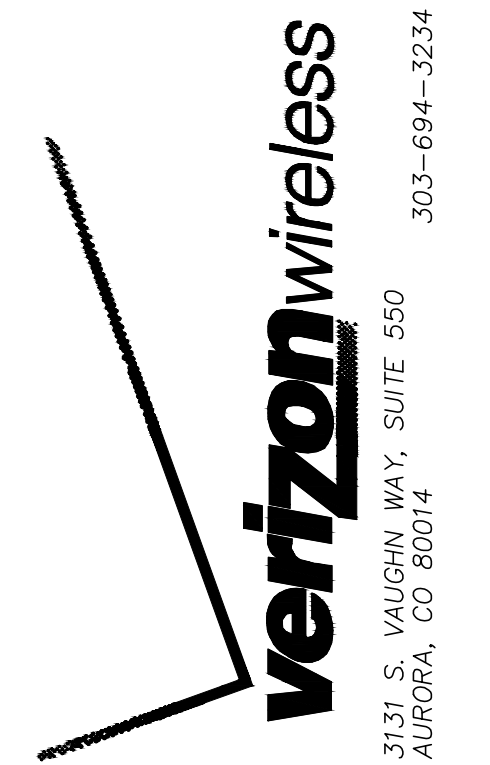
Owner _____ Date _____
Mike Giovanni - Construction Manager _____ Date _____
Bill Kowalchuk - RF Engineer _____ Date _____



DRAWINGS

Drawings and Specifications as instruments of service are and shall remain the property of the Architect, whether the Project for which they are made is executed or not. The Owner shall be permitted to retain copies, including reproducible copies, of Drawings and Specifications for information and reference in connection with the Owners use and occupancy of the Project. The Drawings and Specifications shall not be used by the Owner on other projects, for additions to this Project or for the completion of this Project by others provided the Architect is not in default under this Agreement, except by agreement in writing and with appropriate compensation to the Architect.

PROJECT FOR



DATE ISSUED

JULY 29, 2015

DATE	ISSUED AS
1-10-14	ZD APPROVAL
-----	CD PRELIMINARY / REVIEW
-----	BID SETS
-----	PERMIT SUBMITTED

DATE	REVISIONS
7-9-15	△ SITE ACQ COMMENTS
7-29-15	△ C/ENG COMMENTS
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PROJECT NAME

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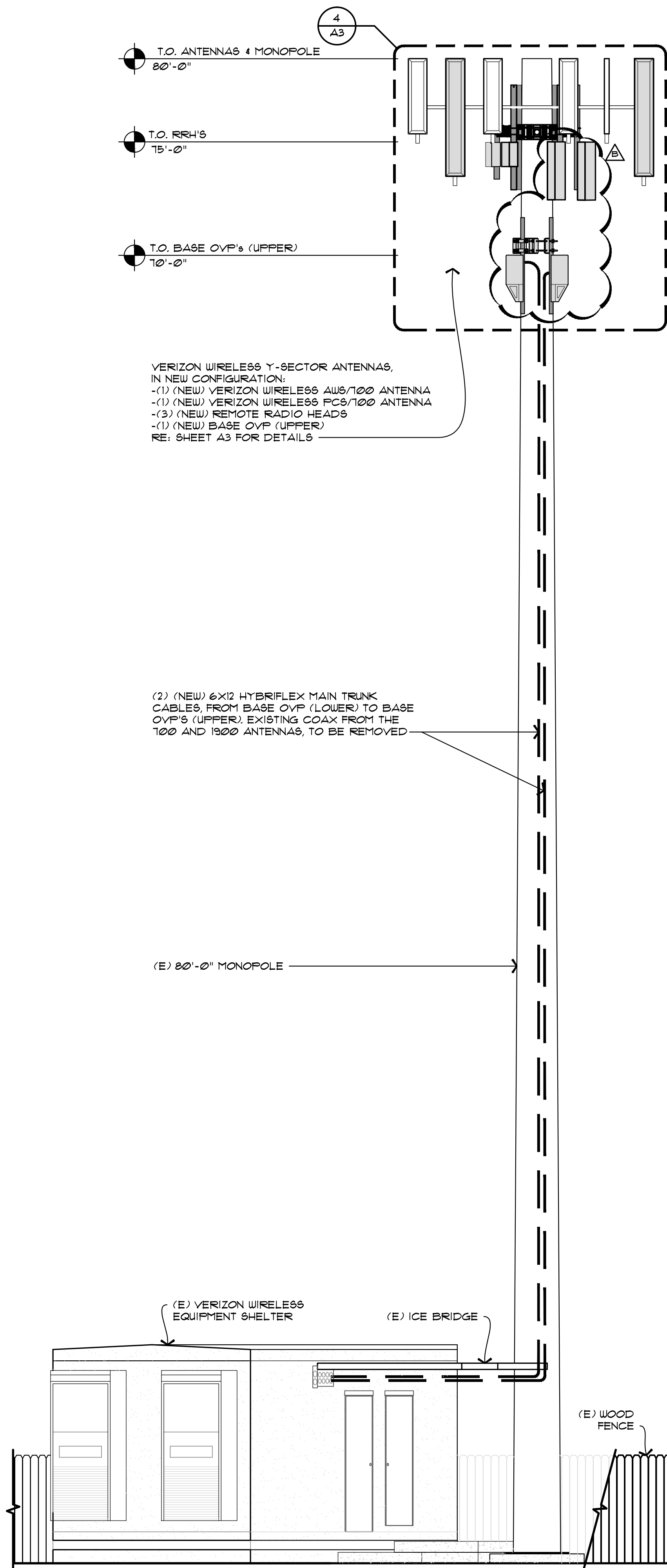
CELL SITE
SMR-PCS

18310 MIDWAY RANCH RD.
FOUNTAIN, CO 80903

COUNTY OF EL PASO
STATE OF COLORADO

T1

1 OF 1



VERIZON WIRELESS Y-SECTOR ANTENNAS, IN NEW CONFIGURATION:
 -(1) (NEW) VERIZON WIRELESS AWS/100 ANTENNA
 -(1) (NEW) VERIZON WIRELESS PCS/100 ANTENNA
 -(3) (NEW) REMOTE RADIO HEADS
 -(1) (NEW) BASE OVP (UPPER)
 RE: SHEET A3 FOR DETAILS

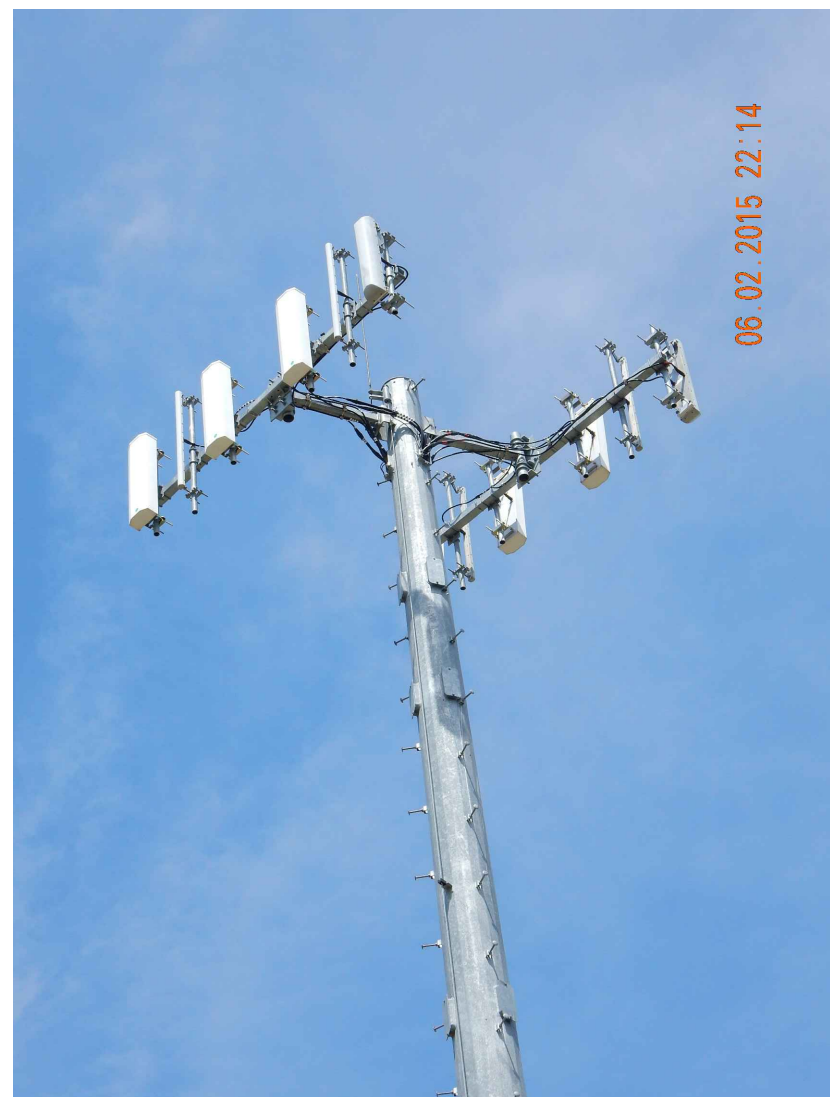
(2) (NEW) 6X12 HYBRIFLEX MAIN TRUNK CABLES, FROM BASE OVP (LOWER) TO BASE OVP'S (UPPER). EXISTING COAX FROM THE 100 AND 1900 ANTENNAS, TO BE REMOVED



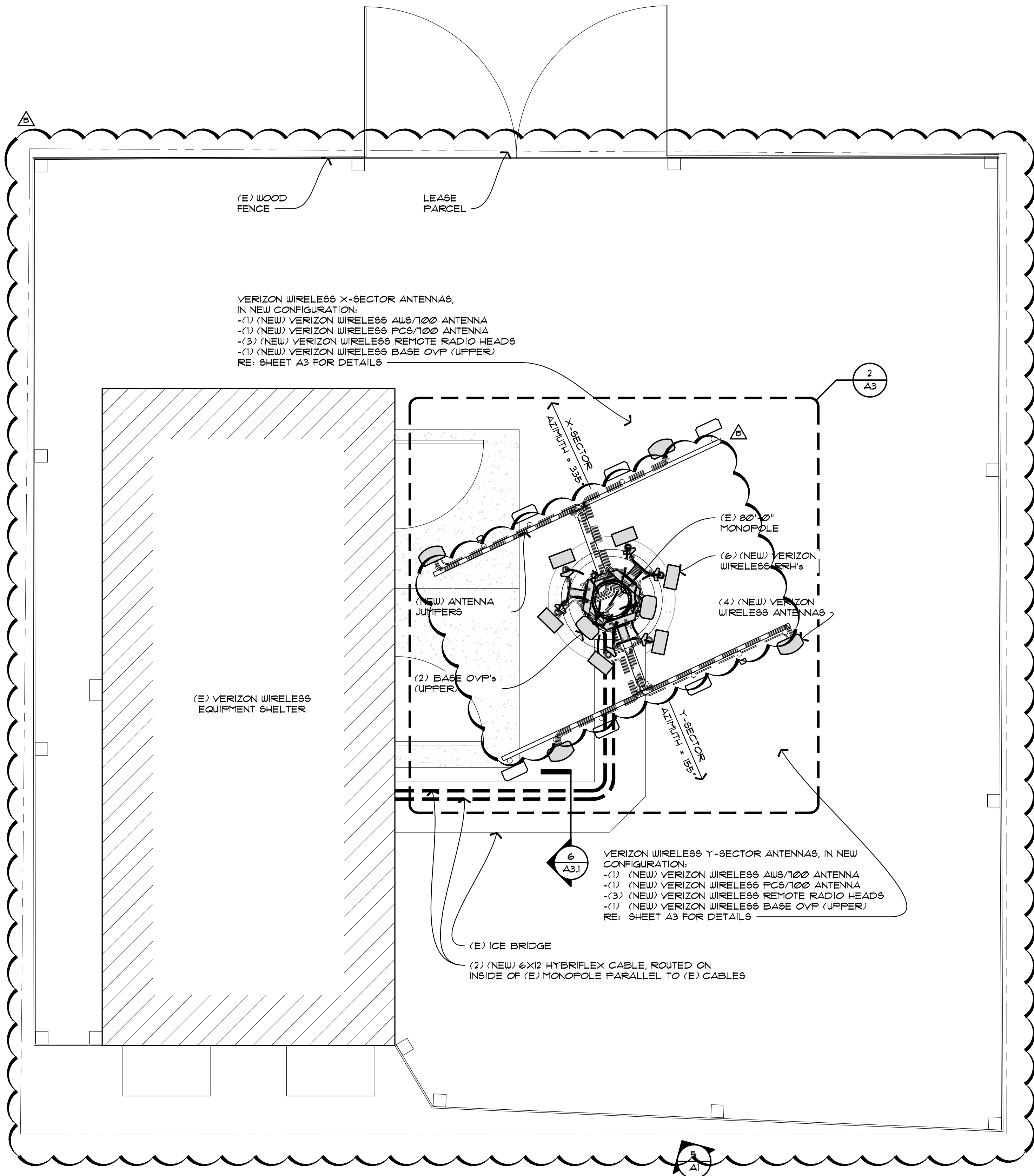
EXTERIOR VIEW: CABLE ENTRY AT MONOPOLE
SCALE: N.T.S.



EXTERIOR VIEW: TOWER
SCALE: N.T.S.



EXTERIOR VIEW: ANTENNAS
SCALE: N.T.S.



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verizon wireless
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AURORA, CO 80014
303-694-3234

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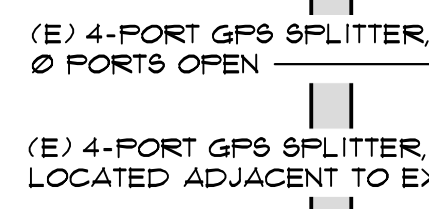
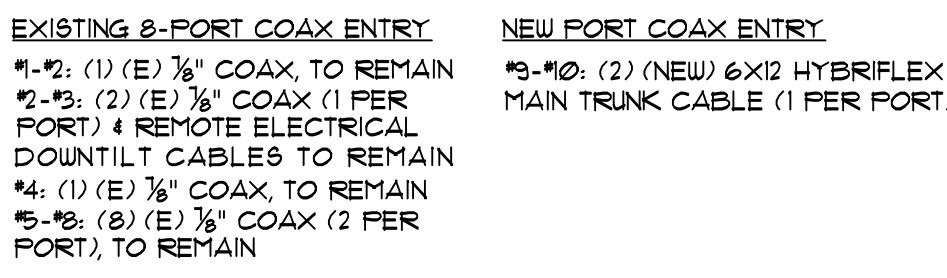
A1

1 OF 4

В

FROM PDF TO RRI'S		
TOTAL LENGTHS	SECTOR	TOTAL LENGTH
	X-SECTOR	98' 0"
	Y-SECTOR	98' 0"
	Z-SECTOR	N/A

<u>SECTOR</u>	<u>SIZE</u>	<u>LENGTH</u>	<u>QTY.</u>	<u>TOT.</u>
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146 Madison Street
Denver, CO 80206
303.388.2918

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verizonwireless

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JULY 29, 2015

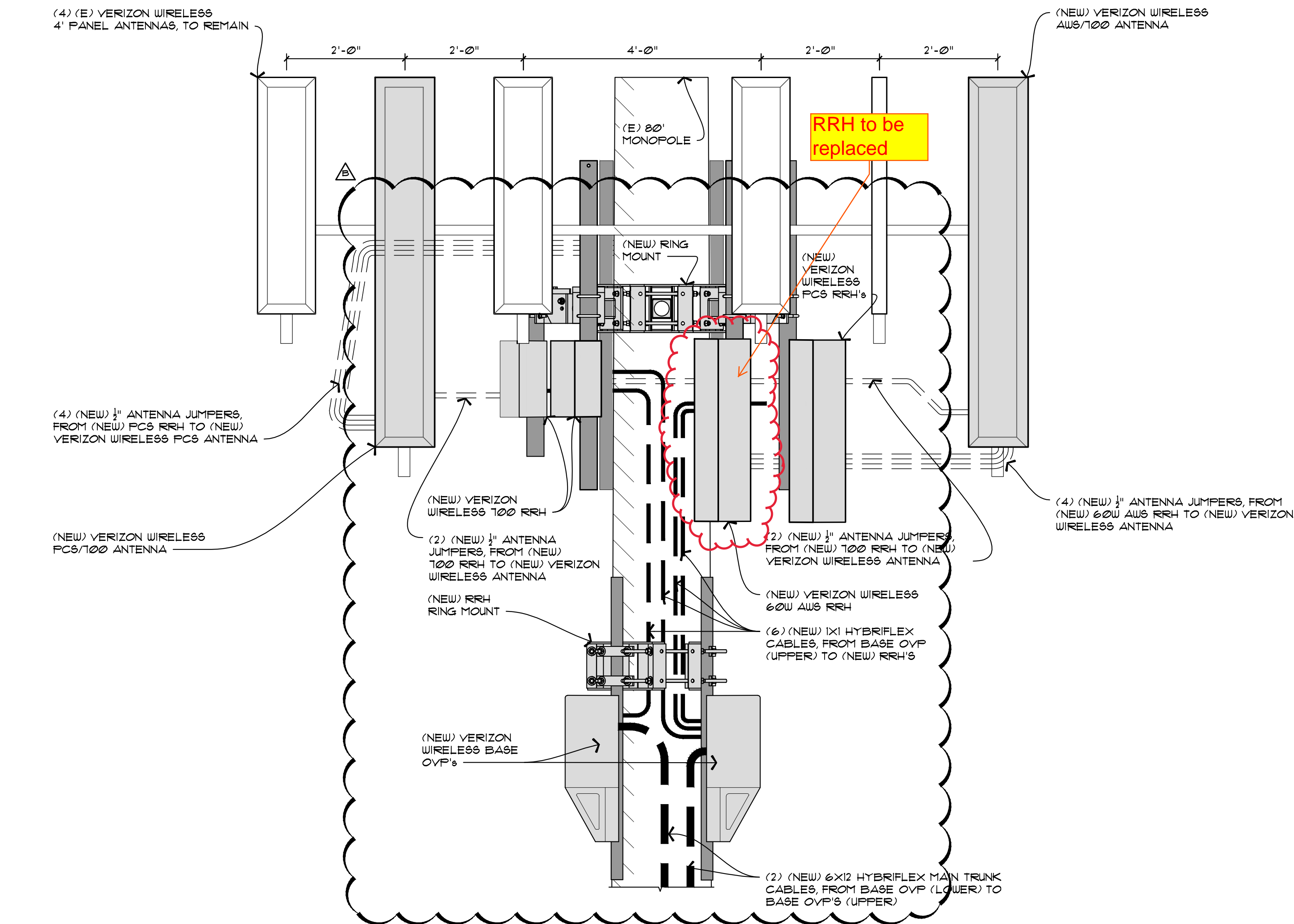
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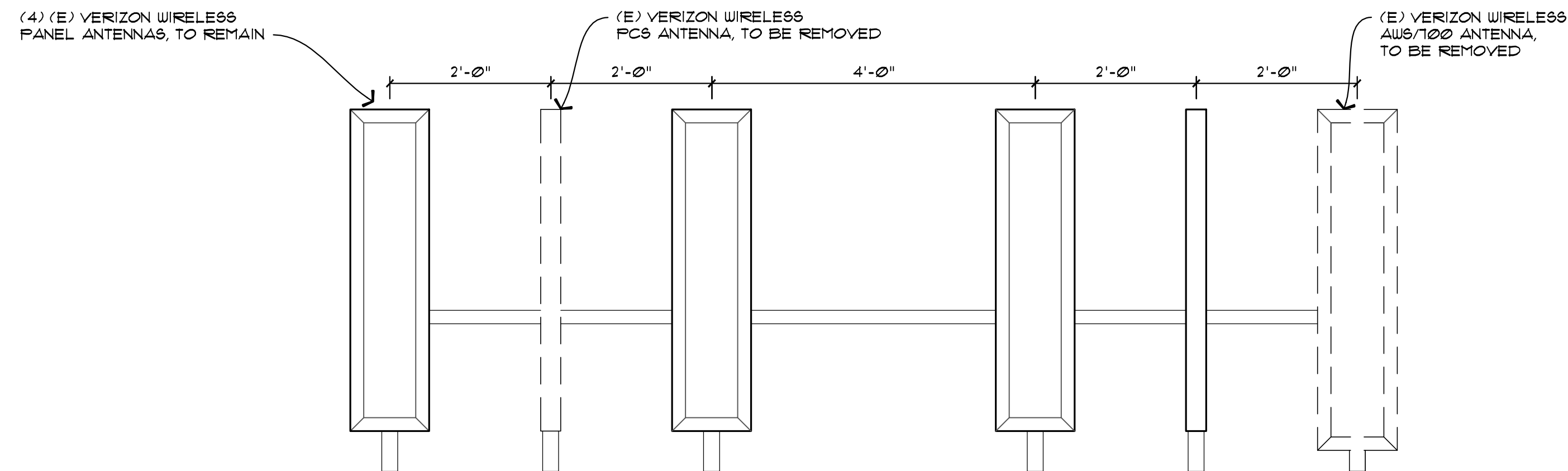
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A2

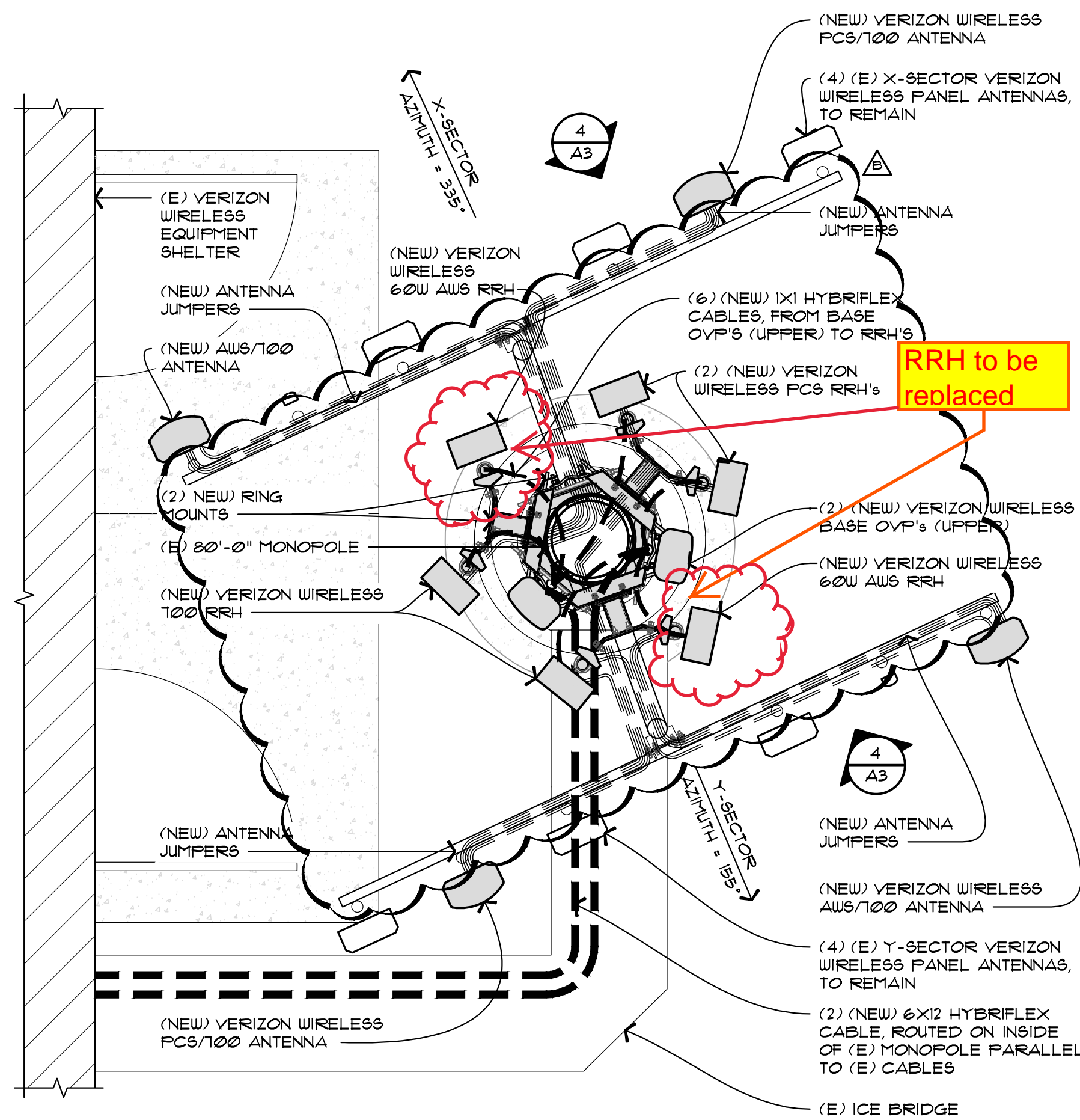
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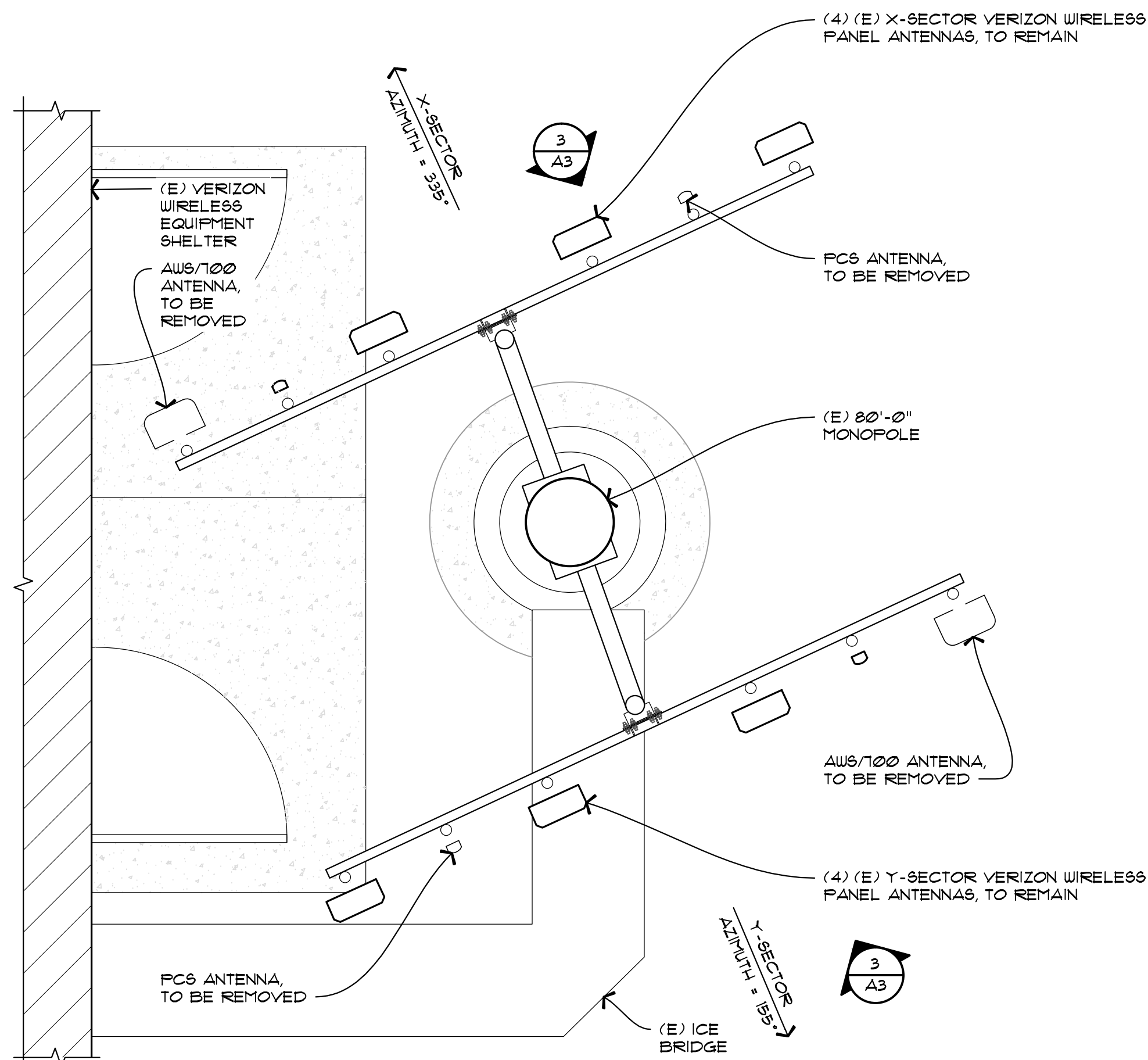
(NEW) SECTOR ELEVATION
SCALE: 3/4" = 1'-0"



(E) SECTOR ELEVATION
SCALE: 3/4" = 1'-0"



(NEW) ANTENNA PLAN
SCALE: 1/2" = 1'-0"



(E) ANTENNA PLAN
SCALE: 1/2" = 1'-0"

STAMP

Rex
Architex
146 Madison Street
Denver, CO 80206
303.388.2918

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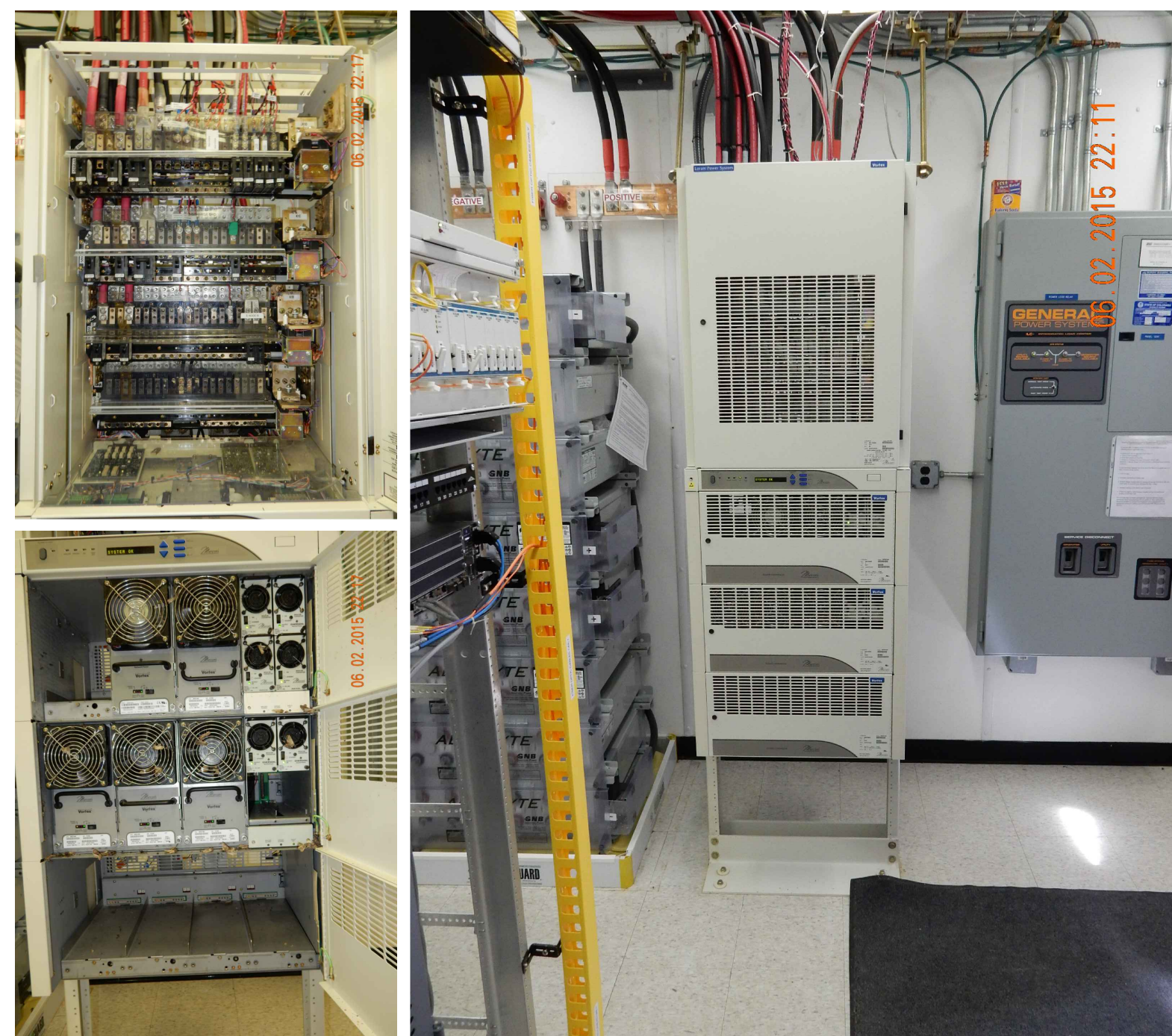
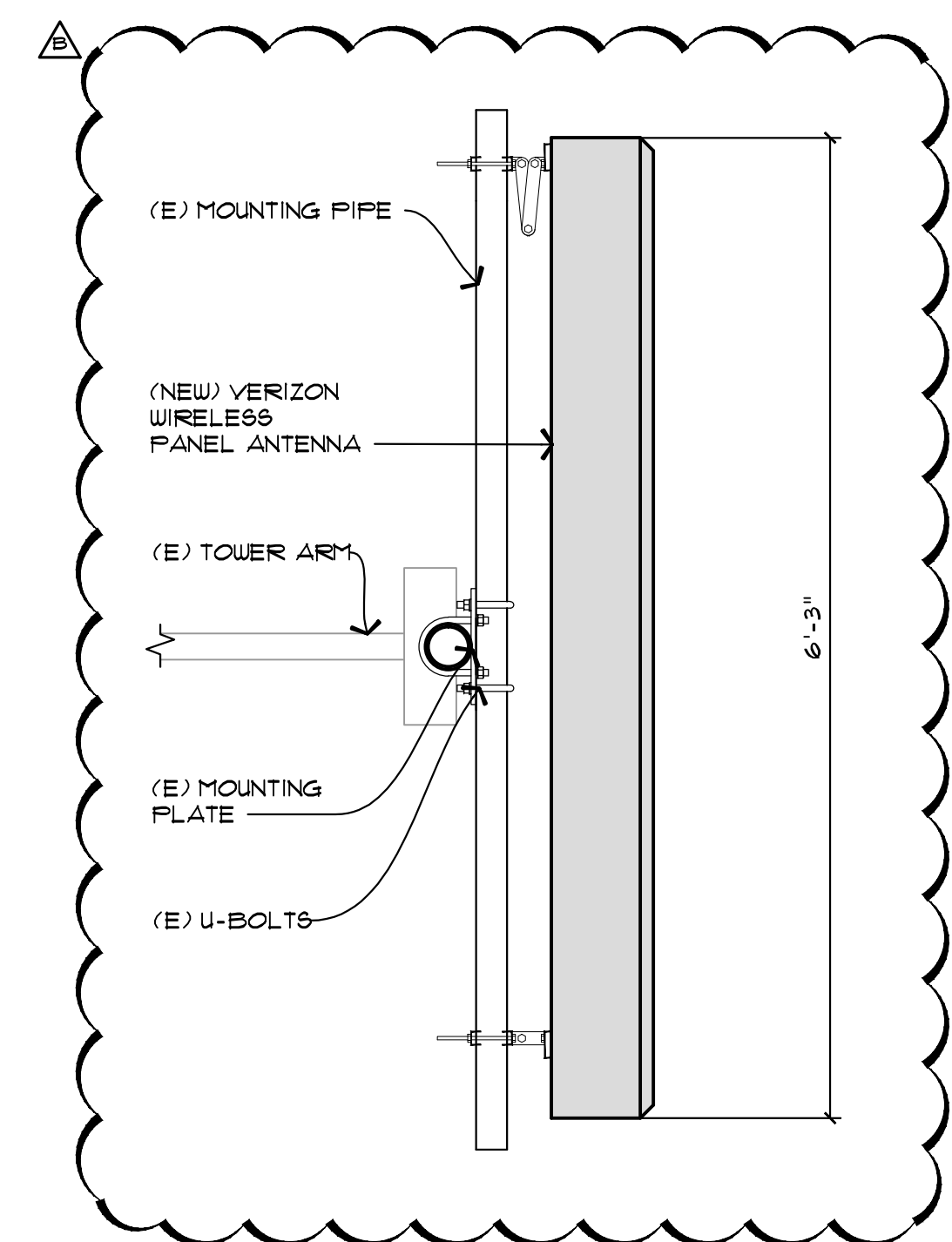
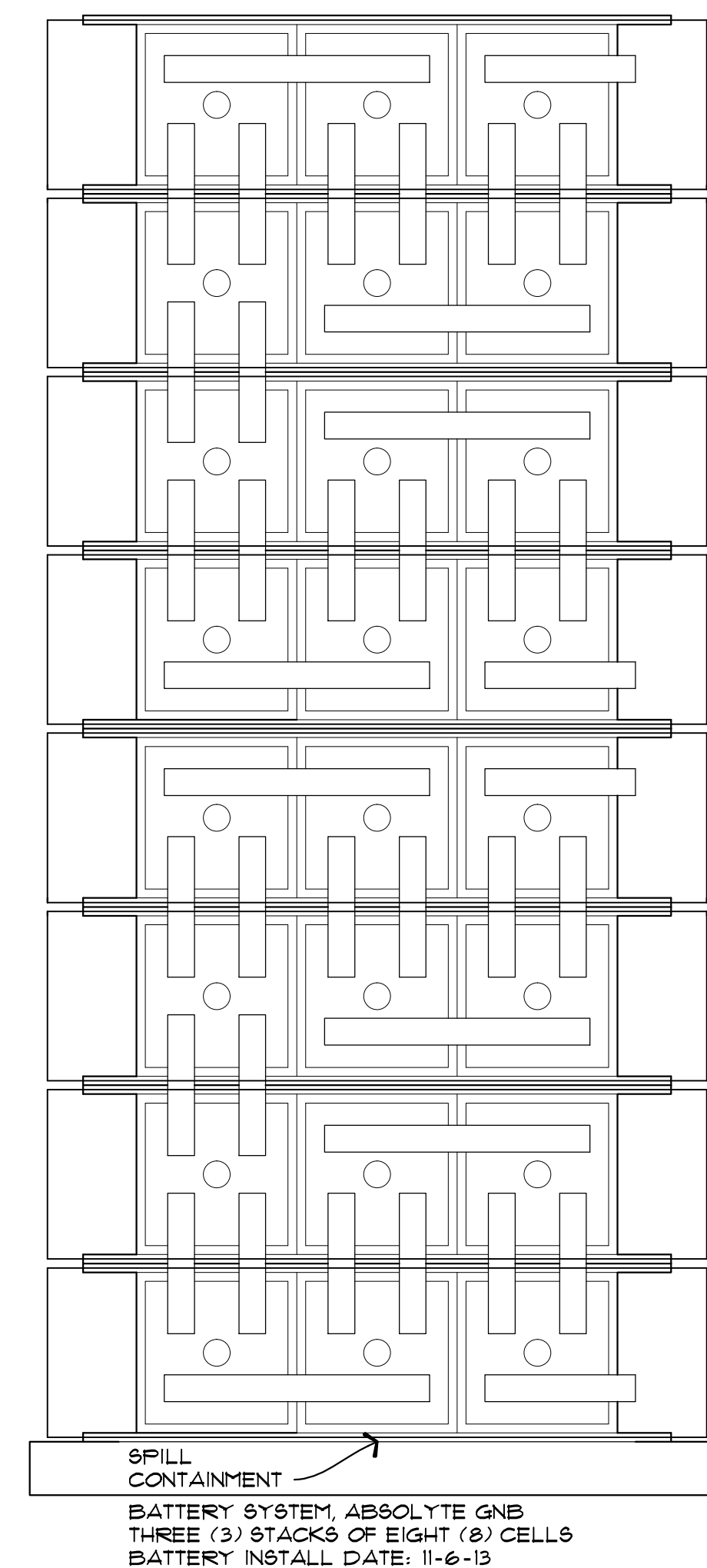
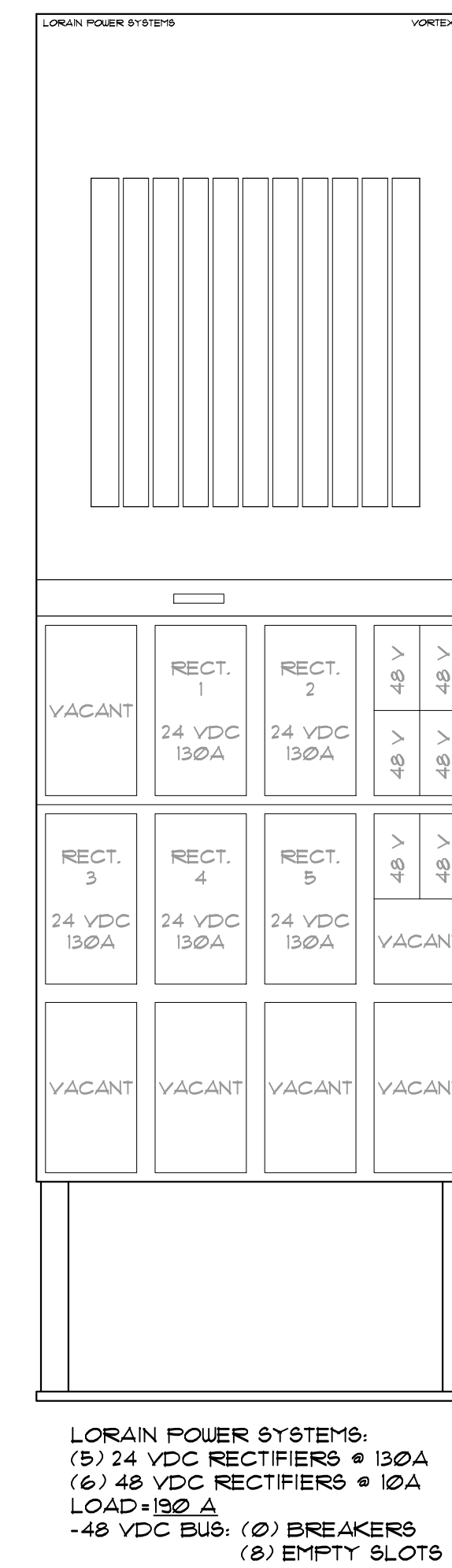
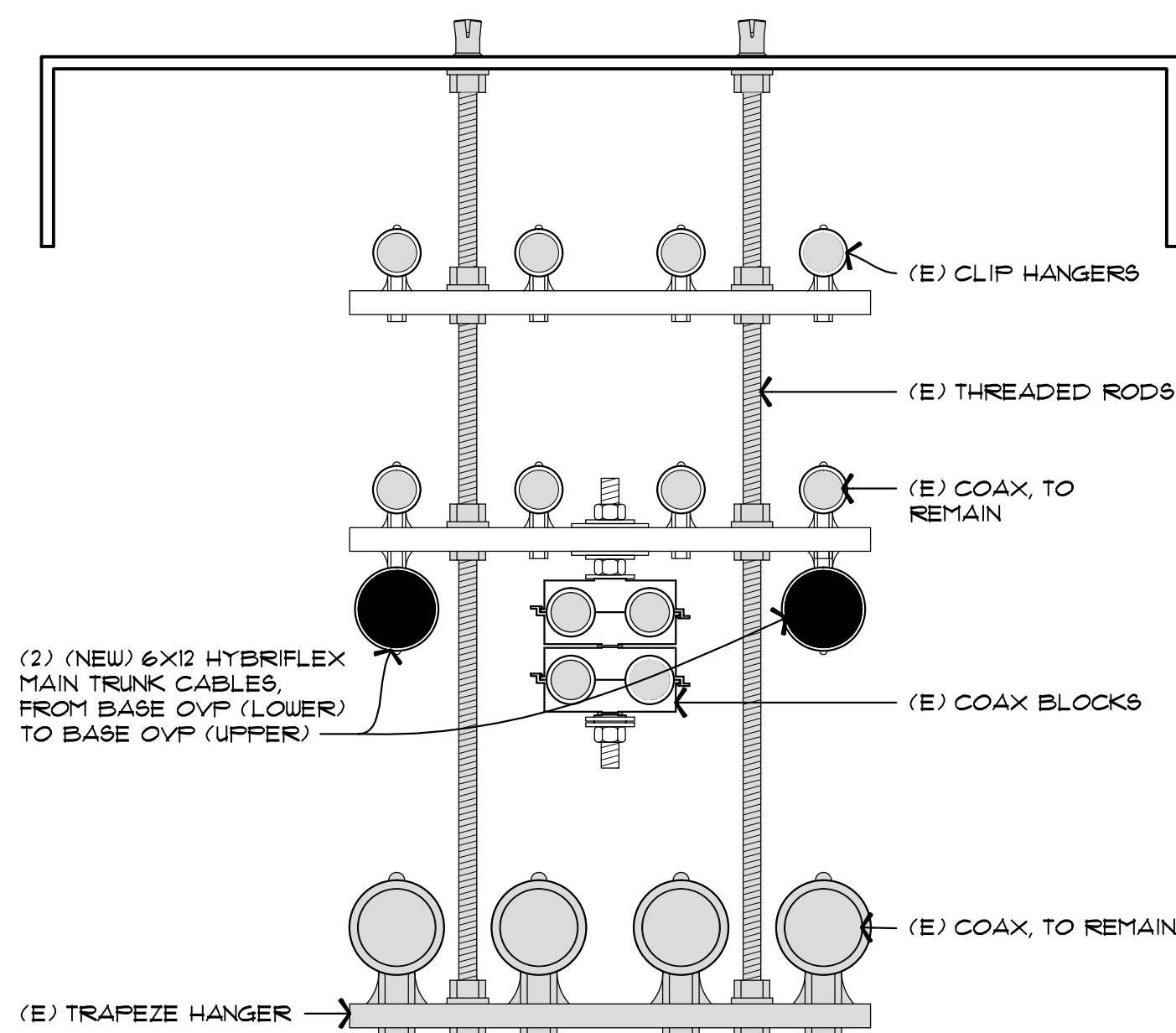
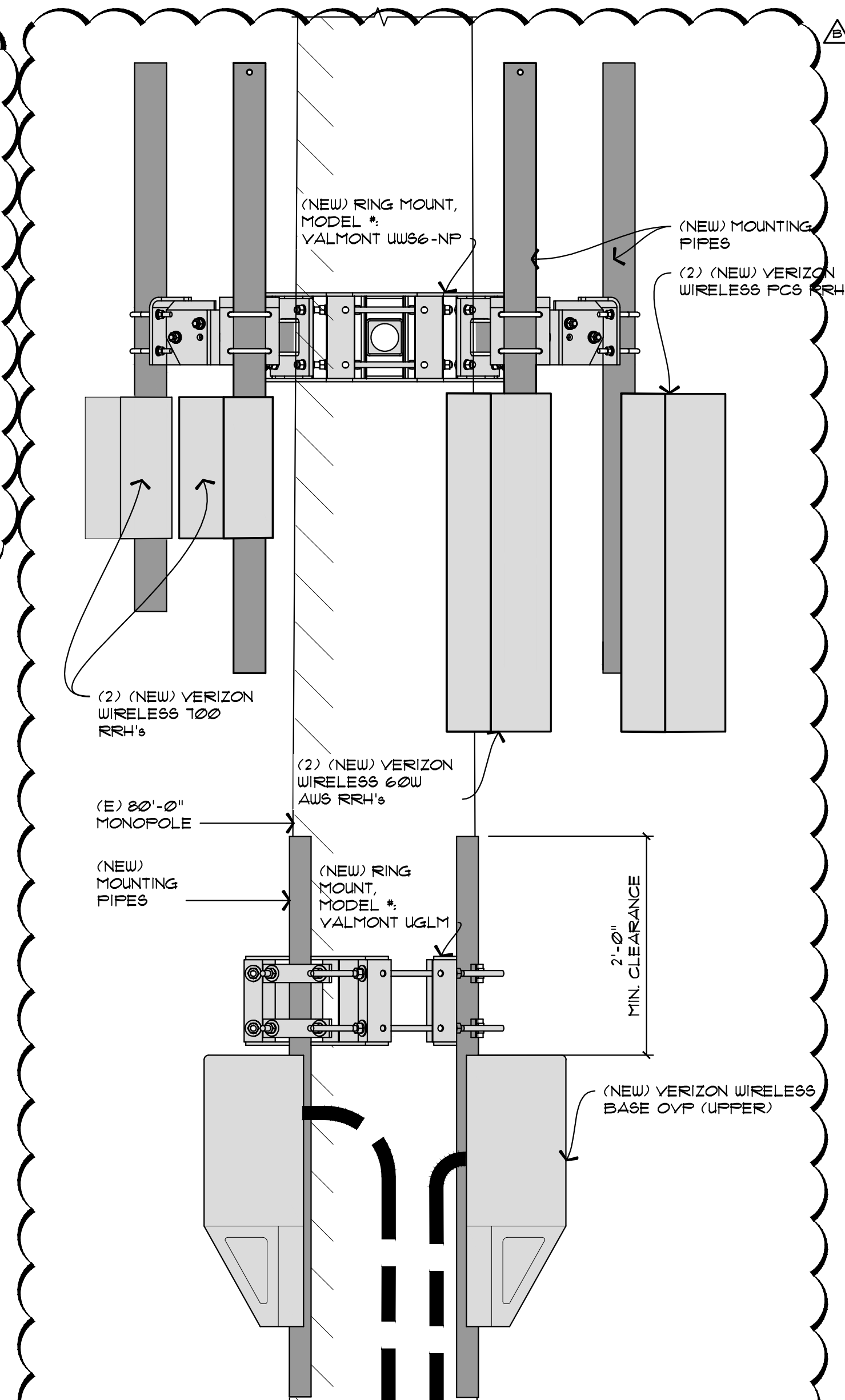
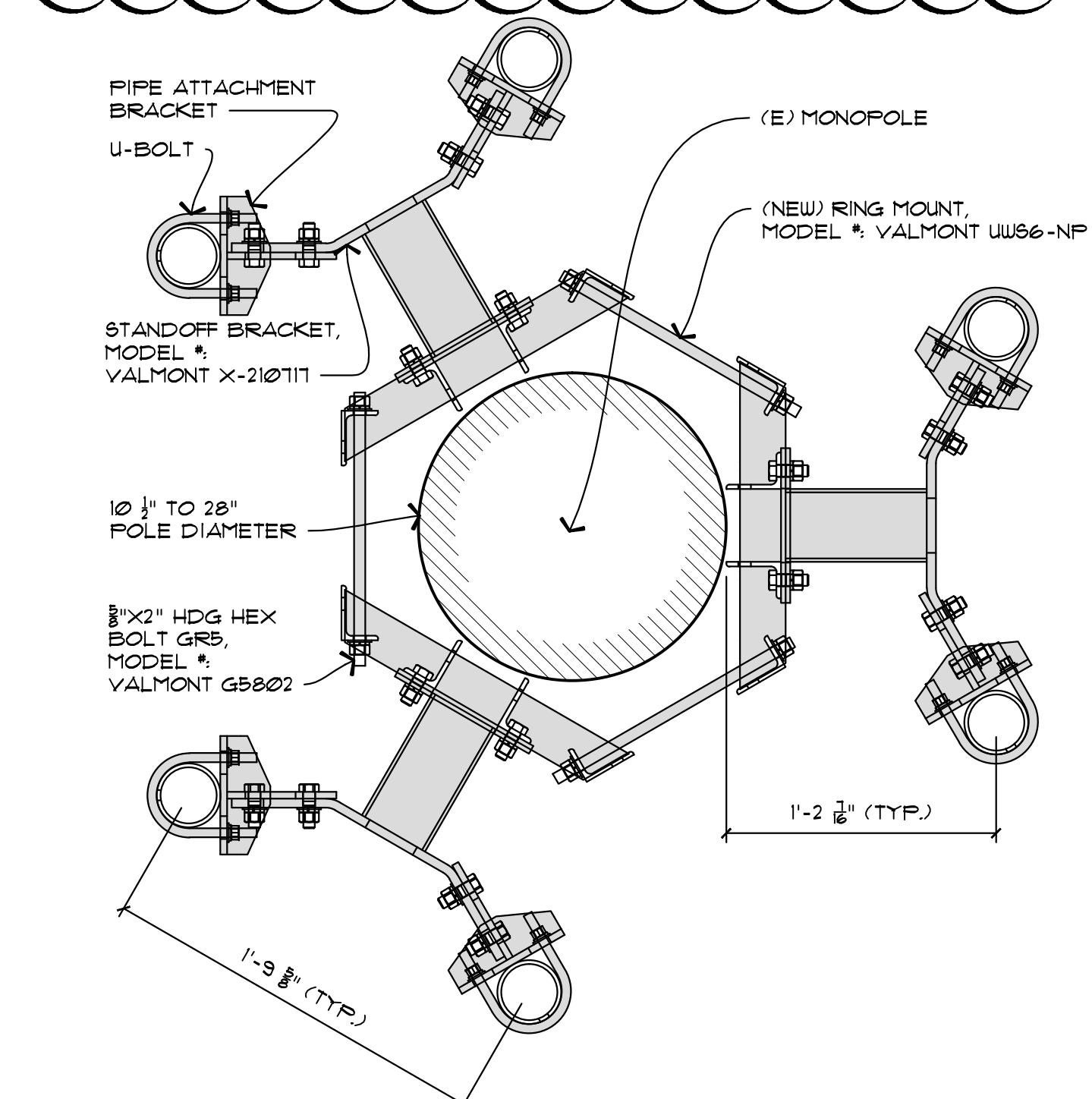
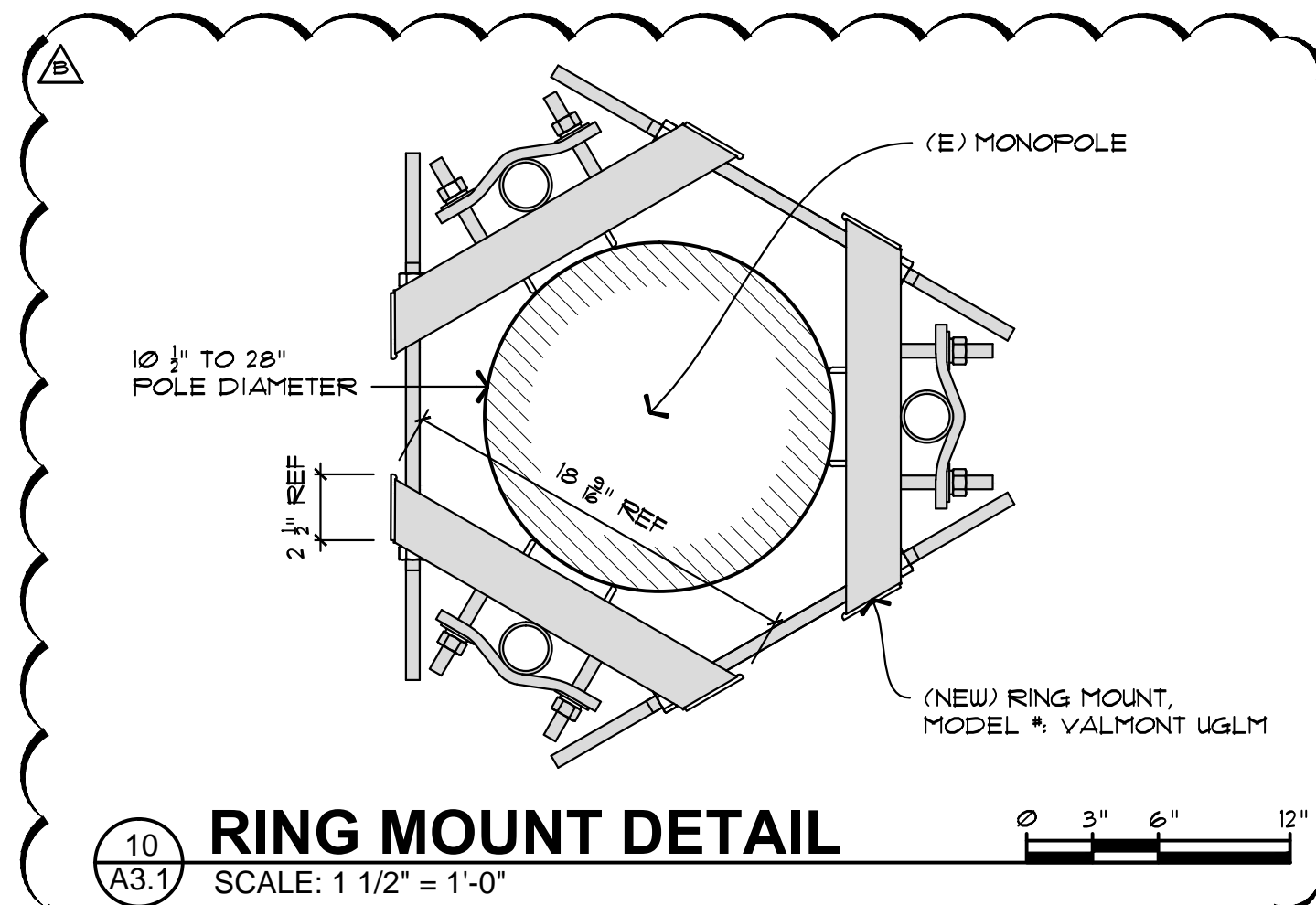
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3 OF 4



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