



Site Name: **SAL PINEVIEW**  
 Site Address: **676 NORTH 7100 EAST  
 HUNTSVILLE, UT 84317**

**ATC SITE NAME: HUNTSVILLE-CLAWSON**  
**ATC SITE NUMBER: 310318**  
**PCS SITE MODIFICATION**

**PROJECT DATA**

TOWER LATITUDE: 41.271106  
 TOWER LONGITUDE: -111.771339  
 JURISDICTION: WEBER COUNTY  
 PARCEL NUMBER: 210080029  
 GOVERNING CODES, AS APPLICABLE:  
 2012 IBC, 2012 IFC, 2012 IMC, 2011 NEC.  
 A.D.A. COMPLIANCE: NOT REQUIRED PER IBC 1103.2.9  
 DESIGN WIND SPEED = 90 M.P.H. - 3 SEC. GUST

**DRAWING INDEX**

T1	TITLE SHEET
A1	ENLARGED SITE PLAN & SHELTER PLAN
A2	SITE ELEVATION
A3	ANTENNA PLAN
A4	EQUIPMENT DETAILS

**GENERAL CONTRACTOR NOTE**

PRIOR TO SUBMITTING A BID, THE CONTRACTOR SHALL FAMILIARIZE HIMSELF/HERSELF WITH THE SCOPE OF WORK AND ALL CONDITIONS AFFECTING THE PROJECT.

CONTRACTORS SHALL VERIFY ALL FIELD CONDITIONS AND DIMENSIONS OF THE JOB SITE AND CONFIRM THAT WORK AS INDICATED ON THESE CONSTRUCTION DOCUMENTS CAN BE ACCOMPLISHED AS SHOWN PRIOR TO COMMENCEMENT OF ANY WORK.

NOTIFY VERIZON WIRELESS AND ARCHITECT, IN WRITING, OF ANY MAJOR DISCREPANCIES, REGARDING THE CONTRACT DOCUMENTS, EXISTING CONDITIONS, AND DESIGN INTENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING CLARIFICATIONS FROM THE VERIZON WIRELESS REPRESENTATIVE, AND ADJUSTING THE BID ACCORDINGLY.

ALL FIELD MODIFICATIONS BEFORE, DURING, OR AFTER CONSTRUCTION SHALL BE APPROVED IN WRITING BY THE VERIZON WIRELESS REPRESENTATIVE.

INSTALL ALL EQUIPMENT AND MATERIALS PER THE MANUFACTURERS RECOMMENDATIONS, UNLESS INDICATED OTHERWISE.

CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES OF THE WORK UNDER THE CONTRACT.

CONTRACTOR SHALL PROTECT ALL EXISTING IMPROVEMENTS AND FINISHES THAT ARE TO REMAIN. CONTRACTOR SHALL REPAIR ANY DAMAGE THAT MAY OCCUR DURING THE CONSTRUCTION TO THE SATISFACTION OF THE VERIZON WIRELESS REPRESENTATIVE.

CONTRACTOR PLANS TO ILLUSTRATE THE AS-BUILT CONDITION OF THE SITE. FOLLOWING FINAL INSPECTION BY VERIZON WIRELESS, THE CONTRACTOR SHALL PROVIDE VERIZON WIRELESS WITH ONE COPY OF ALL RED-LINED DRAWINGS.

VERIFY ALL FINAL EQUIPMENT WITH A VERIZON WIRELESS REPRESENTATIVE. ALL EQUIPMENT LAYOUT, SPECS, PERFORMANCE INSTALLATION AND THEIR FINAL LOCATION ARE TO BE APPROVED BY VERIZON WIRELESS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING HIS/HER WORK WITH THE WORK AND CLEARANCES REQUIRED BY OTHERS RELATED TO SAID INSTALLATIONS. VERIZON WIRELESS SHALL BE ABBREVIATED "VZW" THROUGHOUT.

THESE DRAWINGS MAY NOT SHOW ALL UNDERGROUND FACILITIES. CALL YOUR LOCAL STATE'S DIGGERS HOTLINE 48 HOURS PRIOR TO PROCEEDING WITH ANY EXCAVATION SITE WORK OR CONSTRUCTION.

DRAWING SCALE SET FOR 24X36 SHEETS. USE GRAPHICAL SCALE WHEN PLOTTED ON 11X17 SHEETS.

**PROJECT TEAM**

**PROPERTY OWNER:** CLAWSON, FRANK WESSMAN & RUTH E. CLAWSON TRUSTEES  
 873 EAGLEPOINTE DR.  
 NORTH SALT LAKE,  
 AMERICAN TOWER  
 400 REGENCY FOREST DRIVE  
 CARY, NC 27518  
 PHONE: 919-468-0112  
 FAX: 919-466-5040

**TOWER OWNER:** AMERICAN TOWER  
 400 REGENCY FOREST DRIVE  
 CARY, NC 27518  
 PHONE: 919-468-0112  
 FAX: 919-466-5040

**APPLICANT:** VERIZON WIRELESS  
 9656 PROSPERITY ROAD  
 WEST JORDAN, UT 84081  
 ED MONTERO: 801-260-8733

**VERIZON CONST. ENGINEER:** KYLE HARDING: (801) 834-8404

**VERIZON RF ENGINEER:** NICK JENSEN  
 NICHOLAS.JENSEN@VERIZONWIRELESS.COM

**SITE ACQUISITION FIRM:** TECHNOLOGY ACCOCIATES EC INC.  
 HEATHER PETRO  
 5710 GREEN ST.  
 SALT LAKE CITY, UT 84123  
 (801) 463-1020

**A&E FIRM:** CENTERLINE SOLUTIONS  
 16360 TABLE MOUNTAIN PARKWAY  
 GOLDEN, CO 80403  
 JEFF NOSEWORTHY, PROJECT MGR.  
 303.993.3293 EXT. 414

**PROJECT DESCRIPTION**

MODIFICATION OF EXISTING OUTDOOR TELECOMMUNICATIONS SITE TO INCLUDE:  
 -REMOVE & REPLACE (6) ANTENNAS  
 -ADD (9) RRHS BEHIND NEW ANTENNA  
 -ADD (1) 6X12 HYBRID CABLE  
 -ADD (2) RACK MOUNTED OVPs  
 -ADD (1) OVP BOX

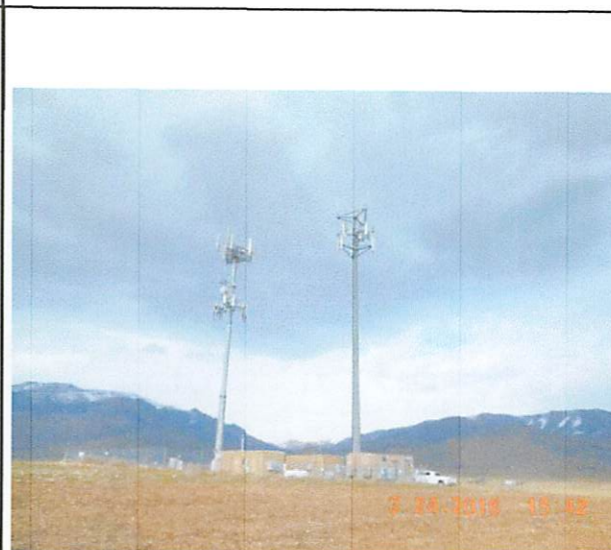
**VICINITY MAP**



**REFERENCE DRAWINGS / MATERIALS**

SITE MODIFICATION CHANGE ORDER: VERIZON WIRELESS, 2/29/16  
 CONSTRUCTION DRAWINGS: TAEC, 04/15/13  
 MOUNT MAPPING: CENTERLINE SOLUTIONS, 04/26/16  
 AMA: CENTERLINE SOLUTIONS, 05/10/16

**SITE PHOTO**



**DRIVING DIRECTIONS TO SITE**

FROM THE VERIZON OFFICE LOCATED AT 9686 Prosperity Rd, West Jordan, UT 84081:

TRAVEL NORTH ON I-15, TO EXIT #324, (UT HWY-89 TO I-84 EAST & SOUTH OGDEN). TRAVEL 11 MILES TO I-84 EAST ON RAMP, TRAVEL 4.2 MILES ON I-84 TO EXIT #92, (MTN. GREEN AND HUNTSVILLE) TAKE EXIT, THEN TRAVEL 11 MILES ON UT HWY 167 TOWARDS HUNTSVILLE. TURN RIGHT ON TO UT HWY 39, TRAVEL TO "Y" IN ROAD, GO LEFT ON UT HWY 162, THEN 1 MILE, TO ROAD ON RIGHT ( MARKED WITH SIGN "HUNTSVILLE PIT- GRAVEL & ROAD BASE". TURN RIGHT, GO THROUGH FARM FOR 50 YARDS, GO RIGHT AT FIRST ACCESS GATE ON SIDE SHOULDER OF ROADWAY, TRAVEL EAST 100 YARDS TO SITE.



**PROJECT INFORMATION:**

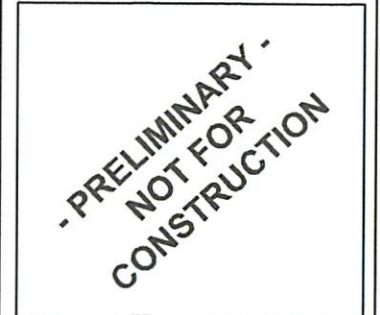
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 ATC SITE # 310318

Rev:	Date:	Description:	By:
1	05/17/16	90% CONSTRUCTION	ML

**PLANS PREPARED BY:**



**LICENSURE NO:**



DRAWN BY:	CHK BY:	APV BY:
YK	JN	KS

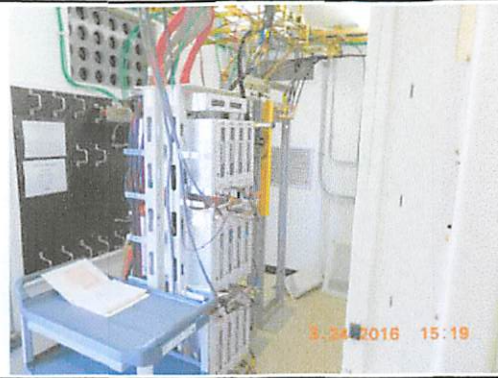
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TITLE SHEET

**Sheet Number:**

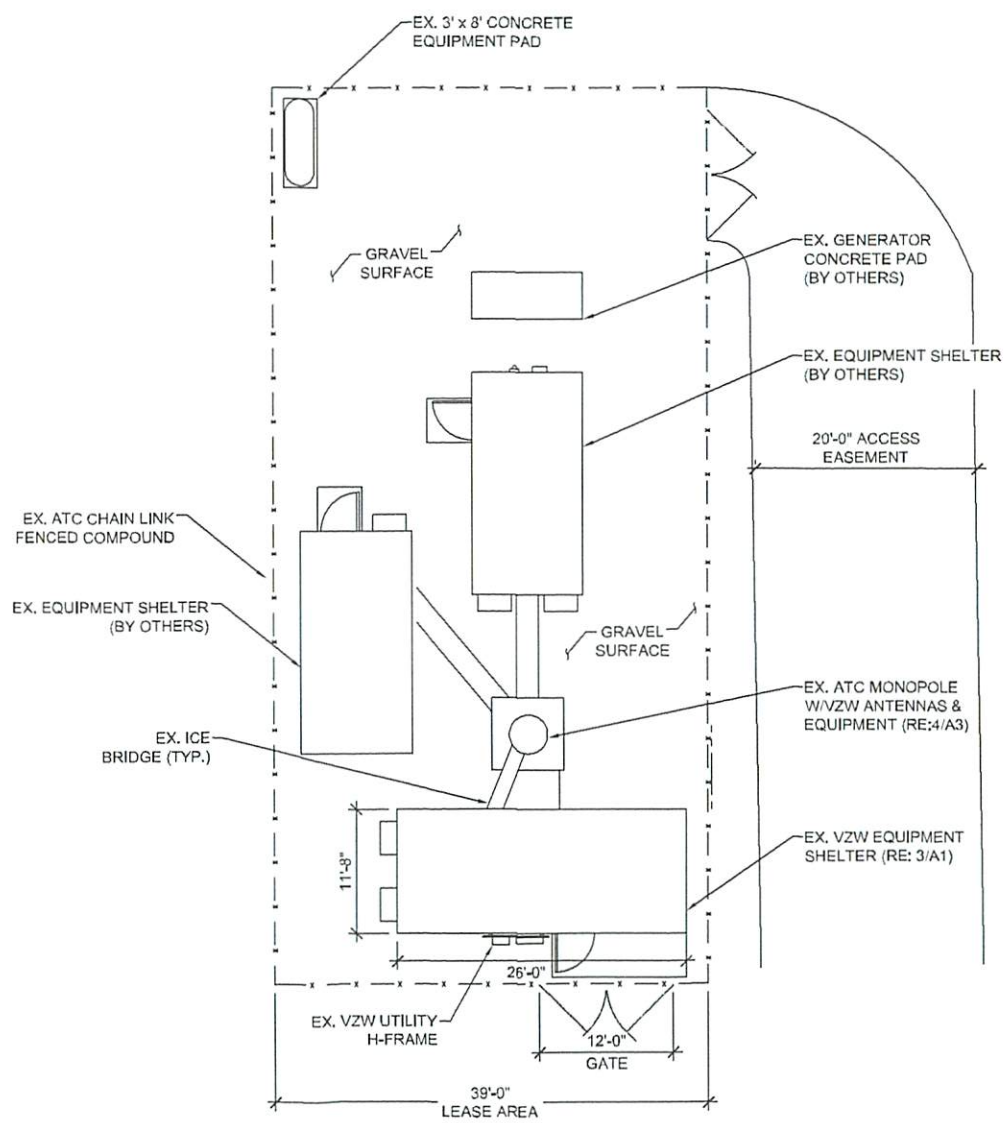
T1



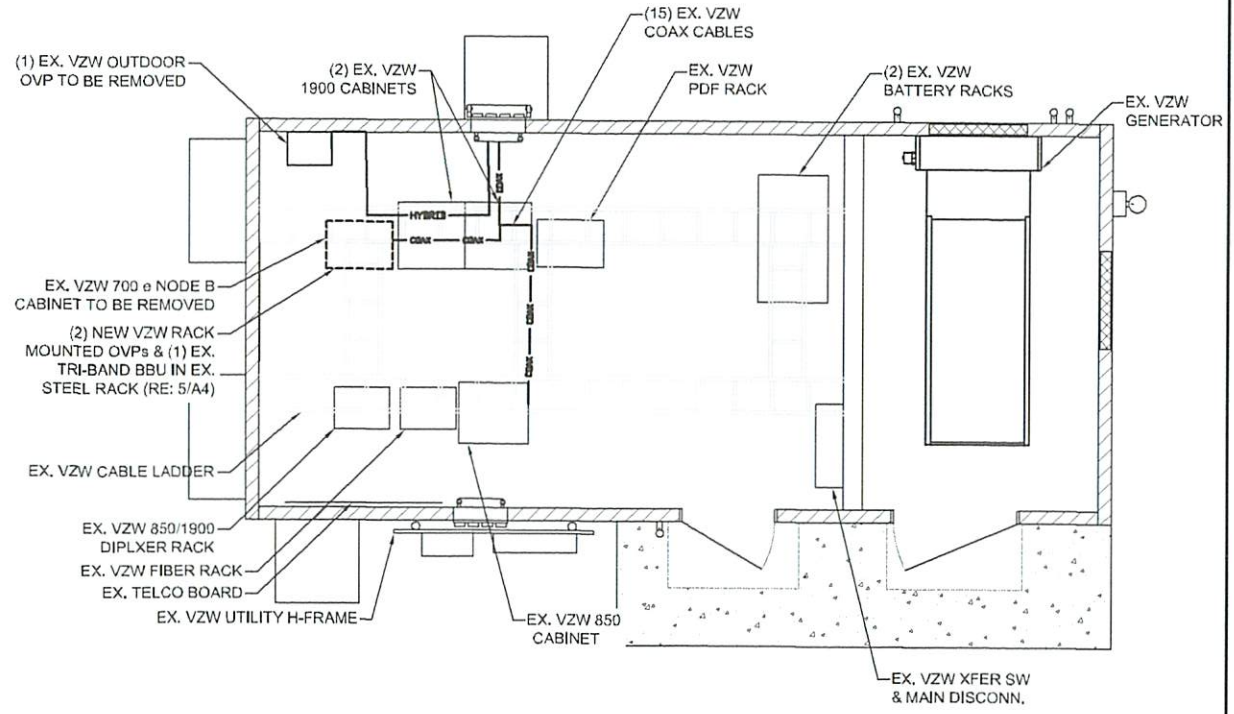
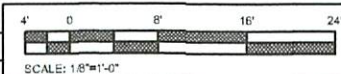


1 EXISTING EQUIPMENT

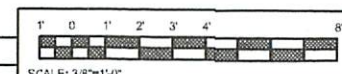
SCALE: N.T.S.



2 ENLARGED SITE PLAN



3 SHELTER PLAN



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Advancing Wireless Networks  
16360 TABLE MOUNTAIN PARKWAY  
Golden, CO 80403  
303-993-3293  
WWW.CENTERLINESOLUTIONS.COM

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DRAWN BY: YK    CHK BY: JN    APV BY: KS

Sheet Title:  
**ENLARGED SITE  
PLAN &  
SHELTER PLAN**

Sheet Number:  
**A1**

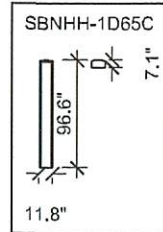
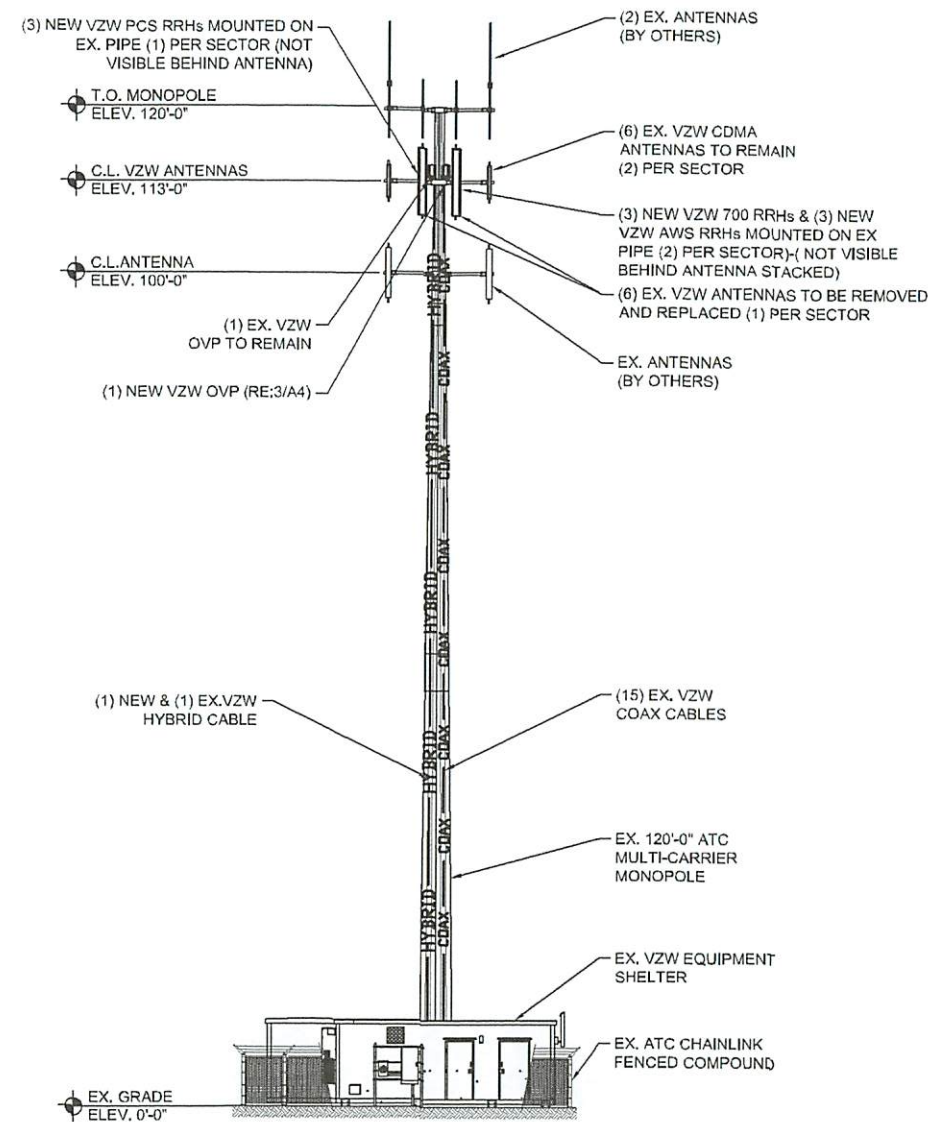
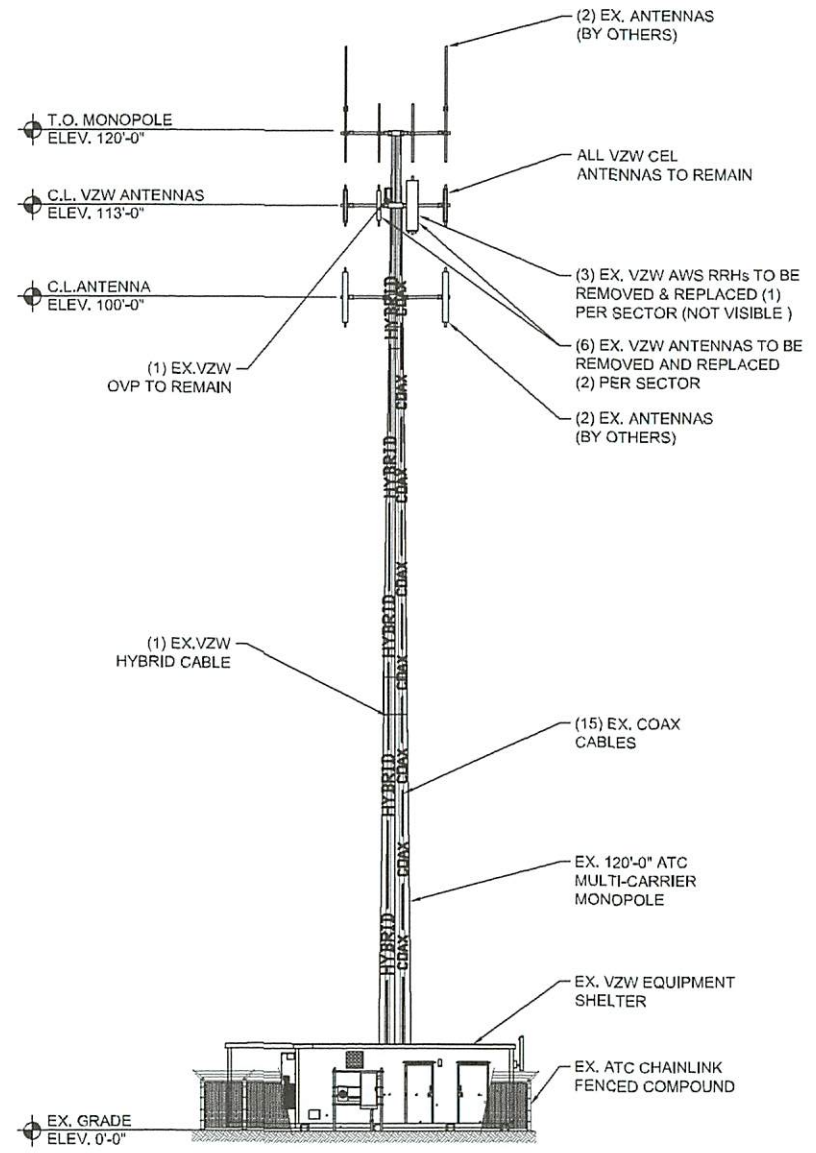




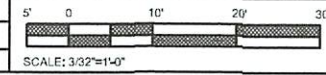
EXISTING ANTENNA ARRAY

**STRUCTURAL NOTES:**  
 NO WORK SHALL COMMENCE WITHOUT THE APPROVED STRUCTURAL TOWER/ANTENNA MOUNT ANALYSIS REPORT (SIGNED AND SEALED) TO BE PROVIDED UNDER SEPARATE COVER. CONTRACTOR PRIOR TO CONSTRUCTION SHALL REVIEW THE APPROVED TOWER/ANTENNA MOUNT ANALYSIS REPORT SUPPLIED BY VERIZON AND MODIFY IF REQUIRED ALL APPLICABLE MEMBERS AS INDICATED IN CERTIFIED STRUCTURAL REPORT PRIOR TO INSTALLATION ON STRUCTURE.

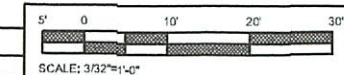
**SITE ELEVATION NOTE:**  
 ELEVATIONS SHOWN ARE BASED ON ARCHIVED INFORMATION & FIELD OBSERVATIONS. ELEVATION SURVEYS WERE NOT COMPLETED - VERIFY IN FIELD.



1 EXISTING EAST ELEVATION



2 NEW EAST ELEVATION



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Sheet Title:  
**SITE ELEVATIONS**

Sheet Number:  
**A2**



POS.	C.L.	RRH	ANTENNA MODEL	NEW ANTENNA DIMENSIONS	1X1 JUMPER	EX. COAX	FEED LINE	
							TYPE	LENGTH
A1	335°	113'-0"	ANTEL LPA-80090/4CF					
A2	335°	113'-0"	(2) RRH 700/AWS	COMMSCOPE SBNHH-1D65C	96.6"X11.8"X7.1"	(2) 12' LONG	(5) 7/8	(1) EX. & (1) NEW 6X12 HYBRID CABLES
A3	335°	113'-0"	(1) PCS RRH	COMMSCOPE SBNHH-1D65C	96.6"X11.8"X7.1"	(1) 12' LONG	(1) 1-5/8	
A4	335°	113'-0"	ANTEL LPA-80090/4CF					
B1	95°	113'-0"	ANTEL LPA-80090/4CF					
B2	95°	113'-0"	(2) RRH 700/AWS	COMMSCOPE SBNHH-1D65C	96.6"X11.8"X7.1"	(2) 12' LONG	(5) 7/8	
B3	95°	113'-0"	(1) PCS RRH	COMMSCOPE SBNHH-1D65C	96.6"X11.8"X7.1"	(1) 12' LONG	(1) 1-5/8	
B4	95°	113'-0"	ANTEL LPA-80090/4CF					
G1	210°	113'-0"	ANTEL LPA-80090/4CF					
G2	210°	113'-0"	(2) RRH 700/AWS	COMMSCOPE SBNHH-1D65C	96.6"X11.8"X7.1"	(2) 12' LONG	(5) 7/8	
G3	210°	113'-0"	(1) PCS RRH	COMMSCOPE SBNHH-1D65C	96.6"X11.8"X7.1"	(1) 12' LONG	(1) 1-5/8	
G4	210°	113'-0"	ANTEL LPA-80090/4CF					

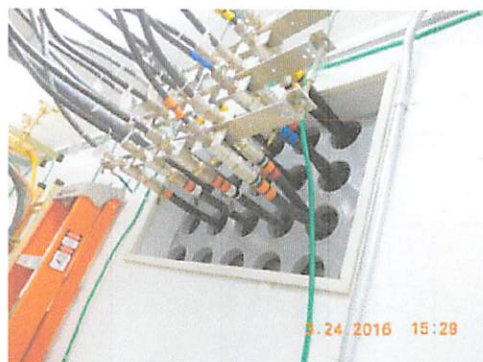
NOTES:  
ALL LENGTHS MUST BE FIELD VERIFIED PRIOR TO CONSTRUCTION  
ANTENNA DIMENSIONS PROVIDED FOR NEW ANTENNAS ONLY

1 NEW CABLE AND ANTENNA SCHEDULE

SCALE: N.T.S.

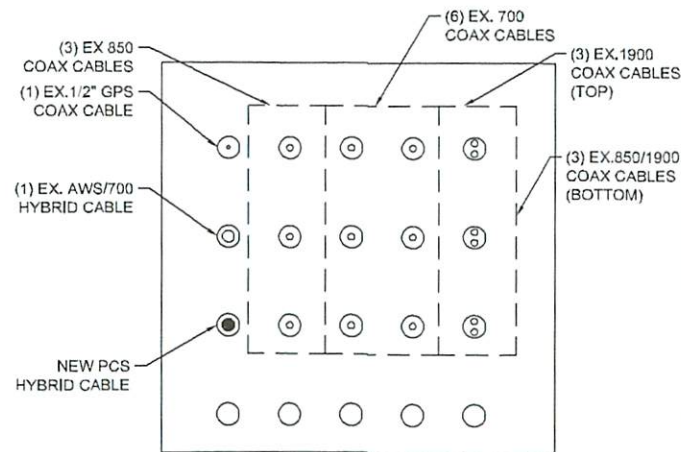


EXTERIOR VIEW



INTERIOR VIEW

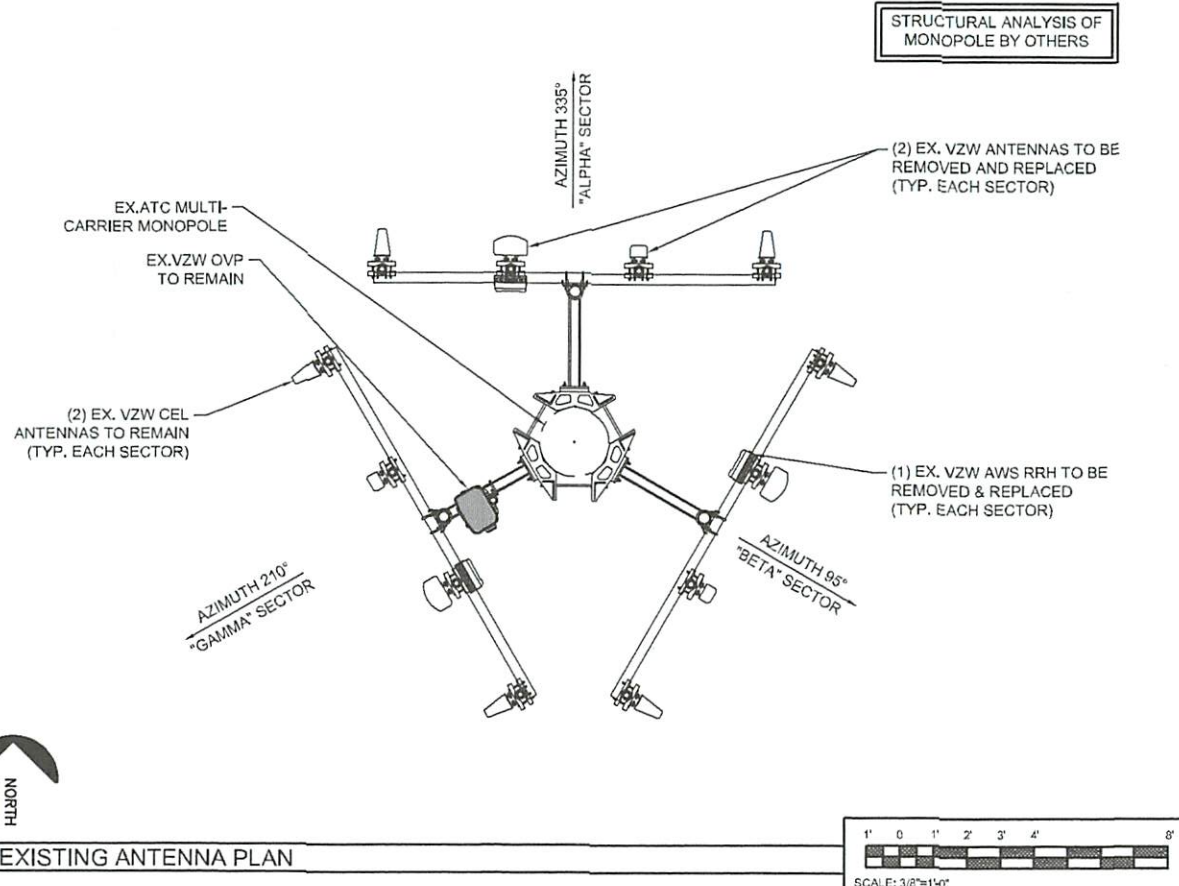
NOTES:  
1. REQUIRED ADDITIONAL COAX PORTS TO BE ADDED BY CONTRACTOR.  
2. ANY ADDITIONAL COAX PORTS TO BE INSTALLED BELOW THE EXISTING, WHERE POSSIBLE.  
3. CONTRACTOR TO INVESTIGATE INTERIOR OF SHELTER / EQUIPMENT ROOM FOR CLEAREST PENETRATION POINT.  
4. ADDITIONAL COAX PORTS TO BE INSTALLED PER INDUSTRY STANDARDS.



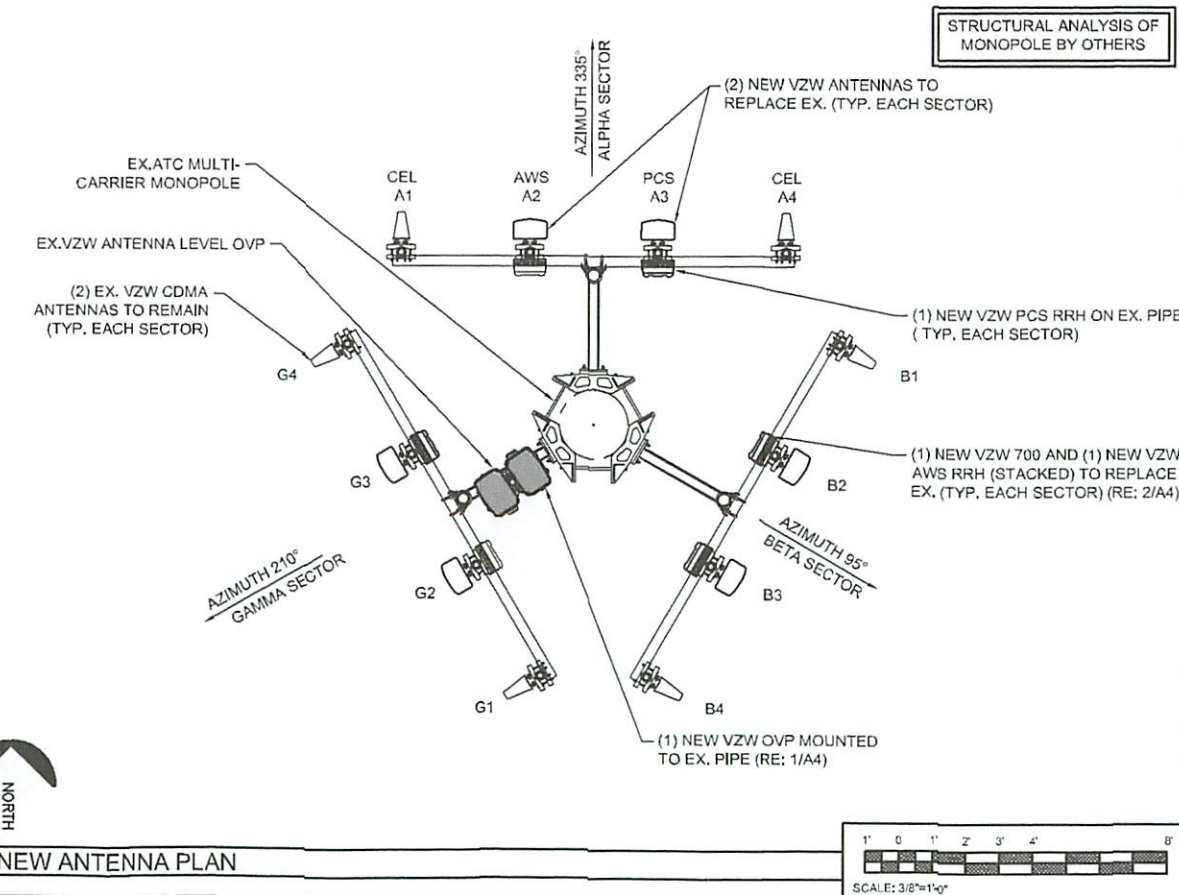
2 EXISTING CABLE ENTRY PANEL

SCALE: N.T.S.

3 EXISTING ANTENNA PLAN



4 NEW ANTENNA PLAN



verizon

VERIZON WIRELESS SERVICES  
9656 PROSPERITY ROAD  
WEST JORDAN, UT 84081

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DRAWN BY: CHK BY: APV BY:

YK JN KS

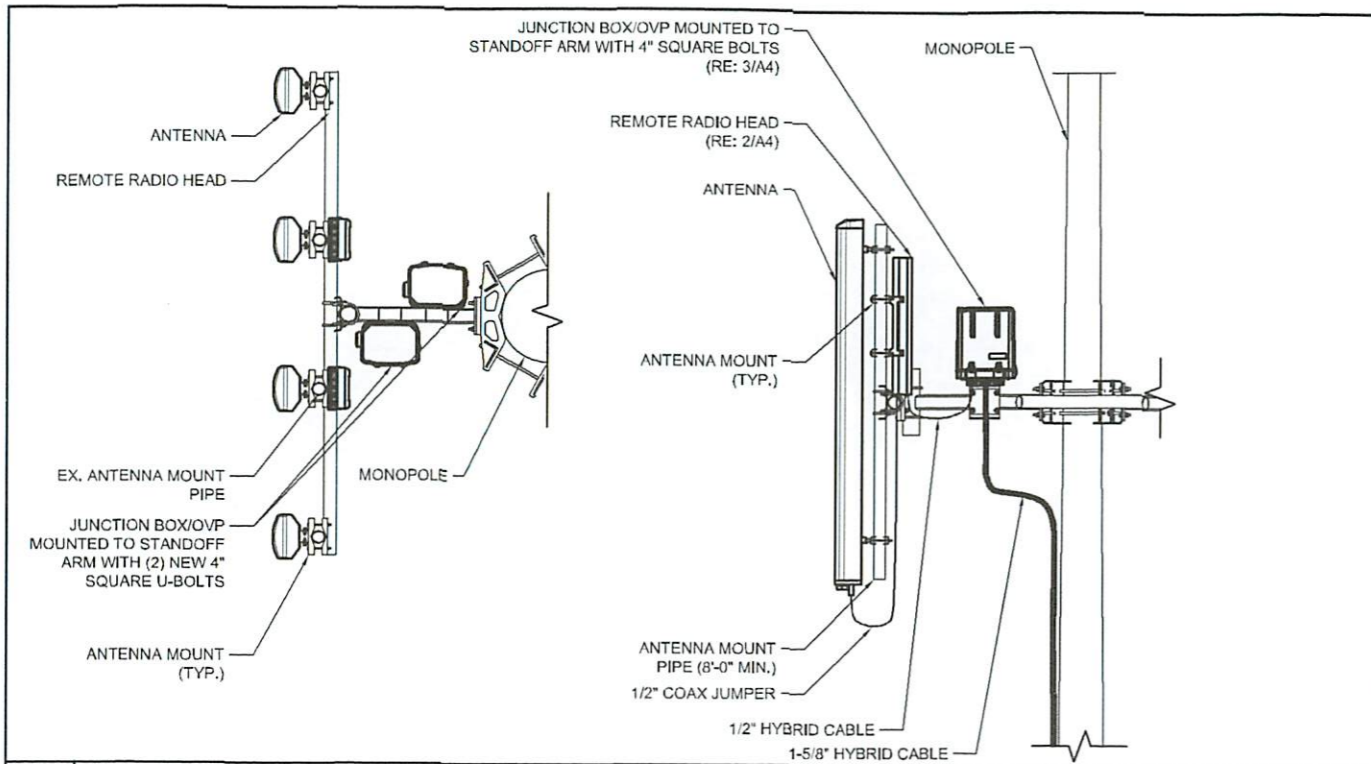
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ANTENNA PLAN

Sheet Number:

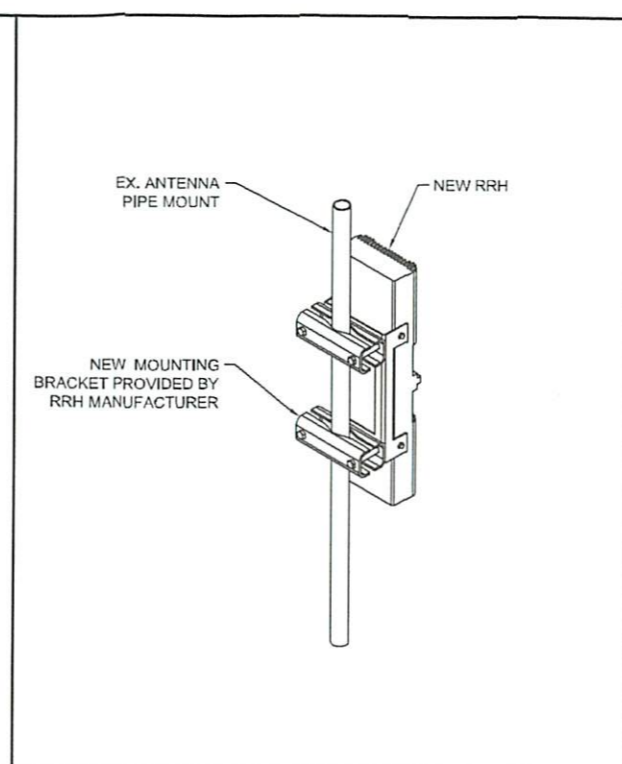
A3





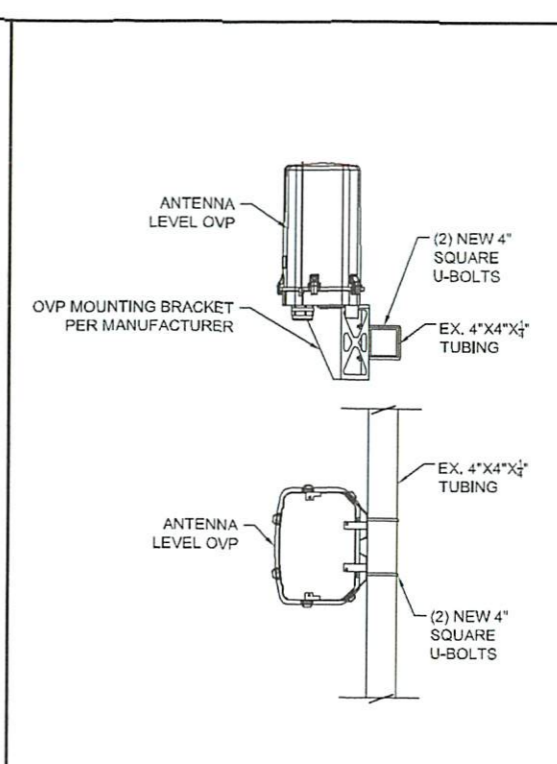
1 ANTENNA LEVEL CONNECTIONS

SCALE: N.T.S.



2 RRH MOUNTING DETAIL

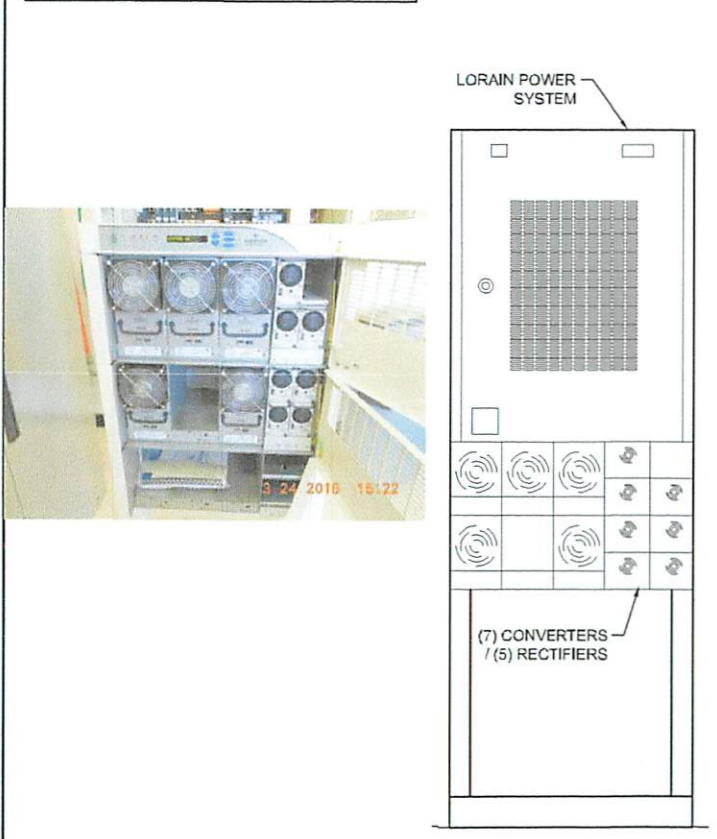
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3 OVP DETAIL

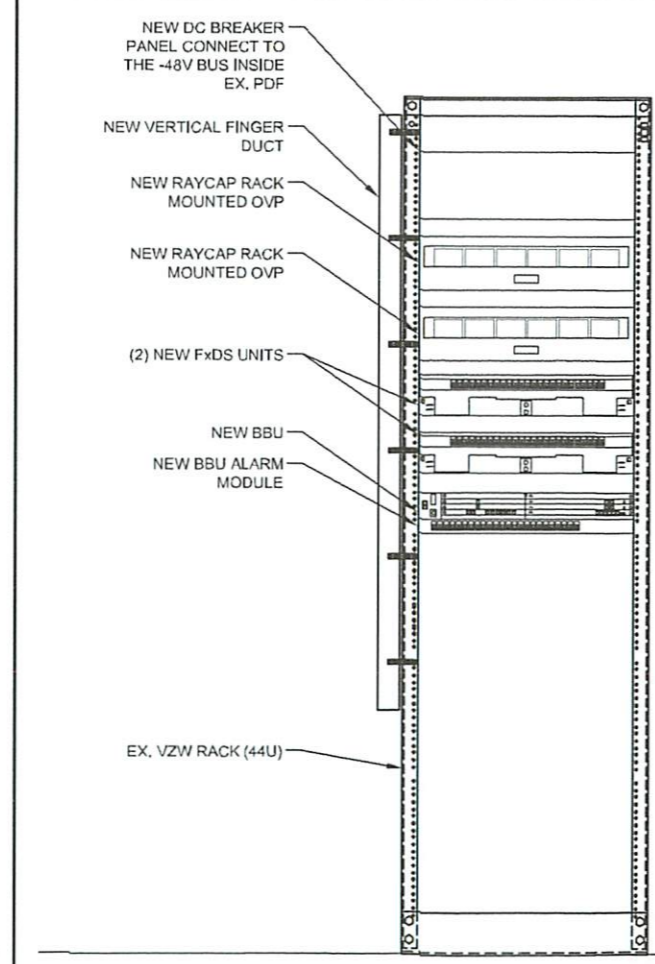
SCALE: N.T.S.

MODEL:	LORAIN POWER SYSTEM
VOLTAGE:	24 VDC
RECTIFIERS:	5
CONVERTERS:	7



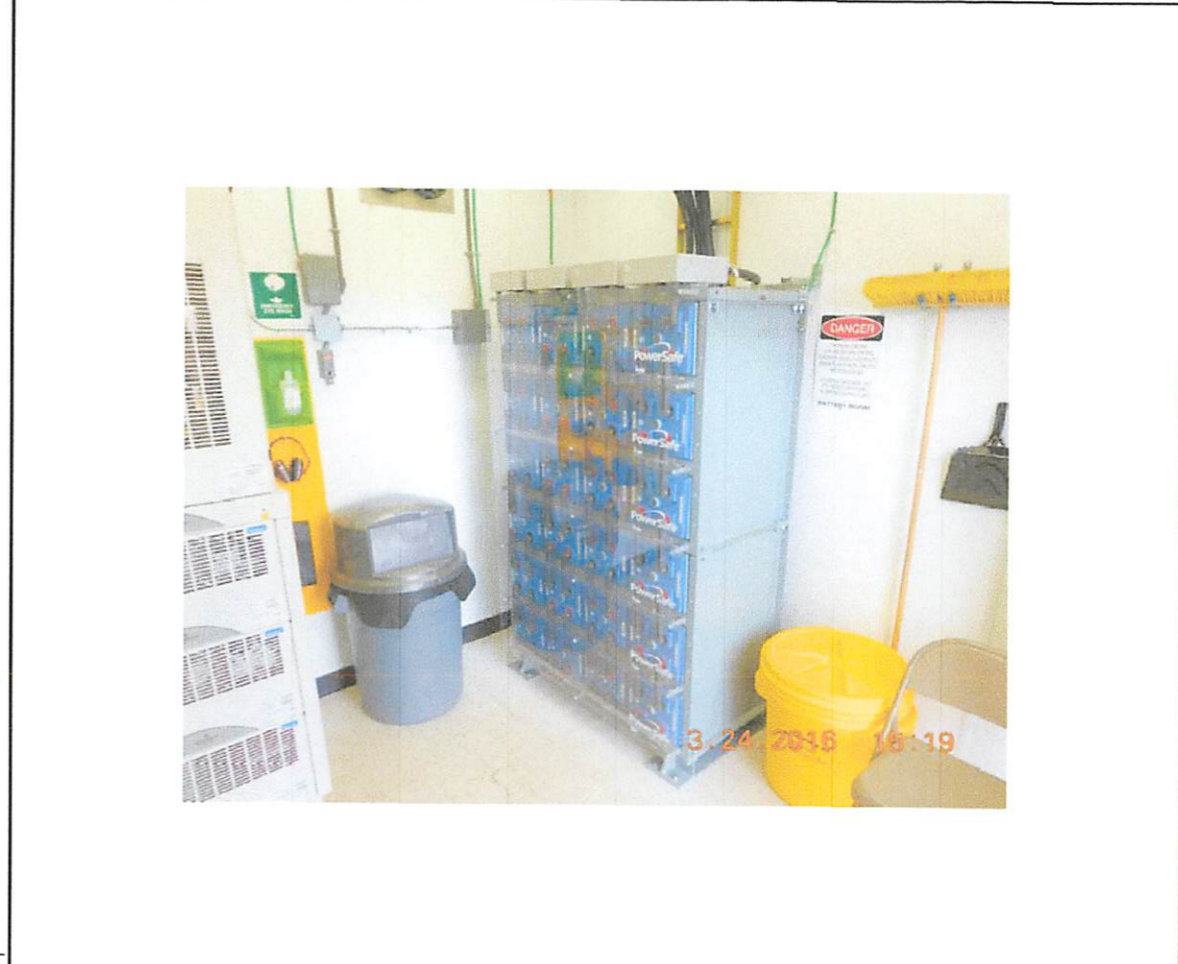
4 EXISTING PDF RACK

SCALE: N.T.S.



5 OVP/BBU RACK (TYPICAL)

SCALE: N.T.S.



6 EXISTING BATTERY RACK

SCALE: N.T.S.

**verizon**  
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YK	JN	KS

Sheet Title:  
**EQUIPMENT  
 DETAILS**

Sheet Number:  
**A4**