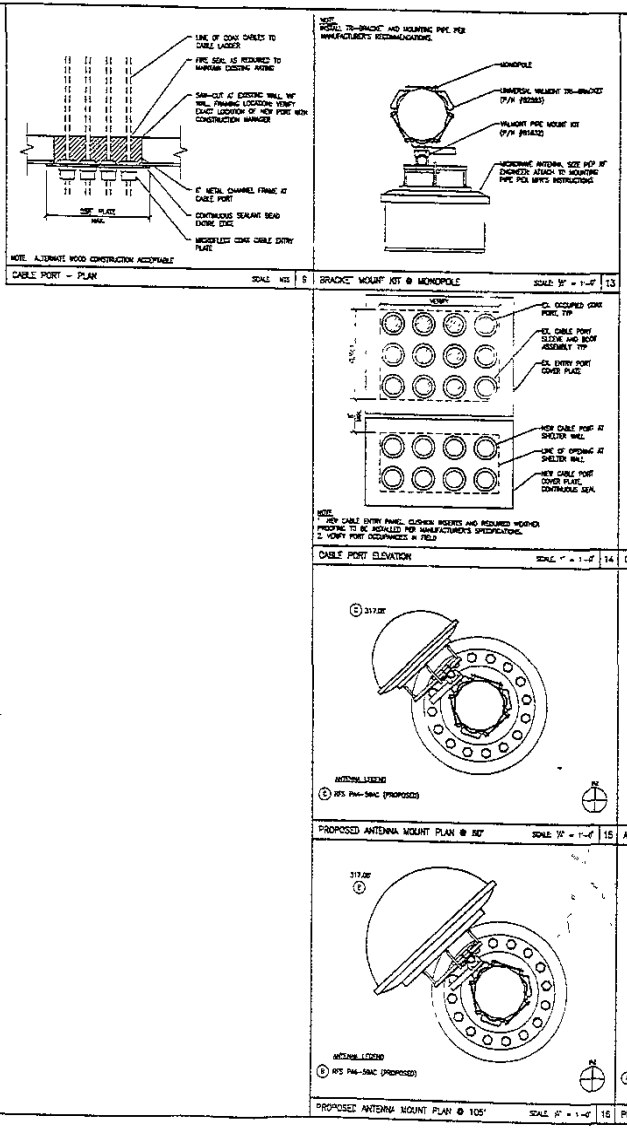
04SR037


LINE OF COAX CABLES TO CABLE LADDER
FIRE SEAL AS REQUIRED TO MAINTAIN EXISTING RATING
SAW-CUT AT EXISTING WALL 'W' WALL FRAMING LOCATION VERIFY EXACT LOCATION OF NEW PORT WITH CONSTRUCTION MANAGER
6" METAL CHANNEL FRAME AT CABLE PORT
CONTINUOUS SEALANT BEAD ENTIRE EDGE
MODERFLEX COAX CABLE ENTRY PLATE
NOTE: ALTERNATE WOOD CONSTRUCTION ACCEPTABLE
CABLE PORT - PLAN
SCALE: NTS
9
NOTE:
INSTALL TR-BRACKET AND MOUNTING PIPE PER MANUFACTURER'S RECOMMENDATIONS.
MONOPOLE
UNIVERSAL VALMONT TR-BRACKET (P/N 192363)
VALMONT PIPE MOUNT KIT (P/N 191432)
WORDWIDE ANTENNA, SIZE PER 90° ENGINEER. ATTACH TO MOUNTING PIPE PER MFR'S INSTRUCTIONS
BRACKET MOUNT KIT @ MONOPOLE
SCALE: 1/2" = 1'-0"
13
VORPT
CL OCCUPIED COAX PORT, TYP
CL CABLE PORT 3.25"X4 AND BOX ASSEMBLY TYP
CL ENTRY PORT COVER PLATE
NEW CABLE PORT AT SHELTER WALL
LINE OF OPENING AT SHELTER WALL
NEW CABLE PORT COVER PLATE, CONTINUOUS SEAL
NOTE:
1. NEW CABLE ENTRY PANEL, GUSHEN INSERTS AND REQUIRED WOOD-NCI PADDING TO BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
2. VORPT PORT OCCUPANCIES IN FIELD
CABLE PORT ELEVATION
SCALE: 1" = 1'-0"
14
1. THE CONTRACTOR SHALL CONTACT UTILITY LOCATING SERVICES PRIOR TO THE START OF CONSTRUCTION.
2. ALL EXISTING ACTIVE SEWER, WATER, GAS, ELECTRIC AND OTHER UTILITIES WHICH ENCOUNTERED IN THE WORK, SHALL BE PROTECTED AT ALL TIMES, AND WHERE REQUIRED FOR THE PROPER EXECUTION OF THE WORK SHALL BE RELOCATED AS DIRECTED BY ENGINEERS. EXTREME CAUTION SHOULD BE USED BY THE CONTRACTOR WHEN EXCAVATING OR DRILLING PIERS AROUND OR NEAR UTILITIES. CONTRACTOR SHALL PROVIDE SAFETY TRAINING FOR THE WORKING CREW. THIS WILL INCLUDE BUT NOT BE LIMITED TO A) FALL PROTECTION B) CONFINED SPACE, C) ELECTRICAL SAFETY D) TRENCHING & EXCAVATION.
3. ALL SITE WORK SHALL BE AS INDICATED ON THE DRAWINGS AND STIPULATED IN THE DESIGN AND CONSTRUCTION SPECIFICATIONS.
4. IF NECESSARY, RUBBISH, STUMPS, DEBRIS, ROCKS, STONES AND OTHER REFUSE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF LEGALLY.
5. THE SITE SHALL BE GRADED TO CAUSE SURFACE WATER TO FLOW AWAY FROM THE EQUIPMENT AND TOWER AREAS.
6. NO FILL OR EMBANKMENT MATERIAL SHALL BE PLACED ON FROZEN GROUND. FROZEN MATERIALS, SNOW OR ICE SHALL NOT BE PLACED IN ANY FILL OR EMBANKMENTS.
7. THE SUB GRADE SHALL BE COMPACTED AND BROUGHT TO A SMOOTH UNIFORM GRADE PRIOR TO FINISHED SURFACE APPLICATION.
8. ALL EXISTING INACTIVE SEWER, WATER, GAS, ELECTRIC AND OTHER UTILITIES WHICH INTERFERE WITH THE EXECUTION OF THE WORK, SHALL BE REMOVED AND/OR CAPPED, PLUGGED, OR OTHERWISE DISCONNECTED AT POINTS WHICH WILL NOT INTERFERE WITH THE EXECUTION OF THE WORK, SUBJECT TO THE APPROVAL OF ENGINEERING, OWNER AND/OR LOCAL UTILITIES.
9. THE AREAS OF THE OWNER'S PROPERTY DISTURBED BY THE WORK AND NOT COVERED BY THE BUILDING OF OWNERS SHALL BE GRADED TO A UNIFORM SLOPE, FERTILIZED SEEDED, AND COVERED WITH MULCH AS REQUIRED IN THE SPECIFICATION FOR LANDSCAPE WORK.
10. CONTRACTOR SHALL MINIMIZE DISTURBANCE TO EXISTING SITE DURING CONSTRUCTION. EROSION CONTROL MEASURES, IF REQUIRED DURING CONSTRUCTION, SHALL BE IN CONFORMANCE WITH THE LOCAL GUIDELINES FOR EROSION AND SEDIMENT CONTROL.
11. EXCAVATE MINIMUM NECESSARY TO GRUB SITE.
12. USE APPROVED MATERIAL FROM FOUNDATION EXCAVATION TO FILL AND GRADE SITE WITH GROWN AS INDICATED; COMPACT TO 90% OR, ENGINEERED FILL.
13. WHERE NECESSARY DUE TO SOIL SITE CONDITIONS, REMOVE UNSUITABLE MATERIAL AND REPLACE WITH 4-6" OF 1/2" CRUSHED ROCK COMPACTED TO 90% OR ENGINEERED FILL. REVIEW WITH PROJECT MANAGER PRIOR TO PROCEEDING.
14. GRADE AROUND EQUIPMENT/SHELTER AS REQUIRED, SLOPE TO ALL EDGES OF SITE PERIMETER AT 2.5% MINIMUM.
15. FINISH SITE AROUND PERIMETER OF STRUCTURE WITH 4" OF 3/4" OR 1/2" CLEAN, CRUSHED ROCK WITH NO FINES, APPLY OVER GRADED, COMPACTED SOIL.
GENERAL SITE WORK NOTES
SCALE: NONE
18
317.00'
E
ANTENNA LEGEND
E RFS PA4-59AC (PROPOSED)
N
PROPOSED ANTENNA MOUNT PLAN @ 60'
SCALE: 1/4" = 1'-0"
15
1. CONTRACTOR TO PROVIDE COMPLETE SHOP DRAWINGS FOR REVIEW PRIOR TO FABRICATION.
2. CONTRACTOR TO NOTIFY PROJECT MANAGER OF ANY DISCREPANCIES WITH THE PROPOSED LAYOUT PRIOR TO FABRICATING.
3. ALL PIPES, BRACKETS, PLATES AND MISC. HARDWARE TO BE GALVANIZED UNLESS OTHERWISE NOTED.
4. ALL ANTENNA AND COAXIAL ANTENNA CABLE TO BE FURNISHED BY LESSEE/OPERATOR AND INSTALLED BY CONTRACTOR.
5. ALL HARDWARE AND CONNECTORS TO BE GALVANIZED UNLESS OTHERWISE NOTED.
6. ANTENNA MOUNT DETAILS SHOWN IN THIS DRAWING SET ARE FOR INFORMATION AND LAYOUT ONLY. DESIGN AND ANALYSIS BY OTHERS.
ANTENNA NOTES
SCALE: NONE
19
317.00'
E
ANTENNA LEGEND
B RFS PA4-59AC (PROPOSED)
N
PROPOSED ANTENNA MOUNT PLAN @ 105'
SCALE: 1/4" = 1'-0"
16
A 268.88'
ANTENNA LEGEND
A RFS SPA-107AC (PROPOSED)
N
PROPOSED ANTENNA MOUNT PLAN @ 125'
SCALE: 1/4" = 1'-0"
20

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PB PETERSON SEATTLE

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RELEASE	
DATE	
15MARCH	CD REVIEW
27APRIL	CD FINAL

REVISIONS	
NO.	DATE
1	
2	
3	
4	

SITE NAME

BOX ELDER

SITE NUMBER

SDRC-012

PPA JOB NUMBER: 203905

IN HOUSE: DRAWN BY: SC CHECKED BY: CS

SITE ADDRESS

LAT. 44°05'06.2"N LONG 103°04'23.5"W
BOX ELDER, SD 57719

SHEET TITLE

CONSTRUCTION DETAILS
CONSTRUCTION NOTES

SHEET NUMBER

A-2

PLOT SCALE: PAPER SIZE 24"x36"