

REV	DATE	DESCRIPTION
A	11/6/25	PRELIMINARY
0	12/12/25	FOR PERMIT
1	1/14/26	FOR PERMIT

APX PROJECT NO.:	25-0412.40
DRAWN BY:	A. SMIRNOV
CHECKED BY:	M. ABBEY

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1779 N UNIVERSITY DRIVE, SUITE 205
PEMBROKE PINES, FL 33024
(954) 744-1538
CERTIFICATE OF AUTHORIZATION 31948



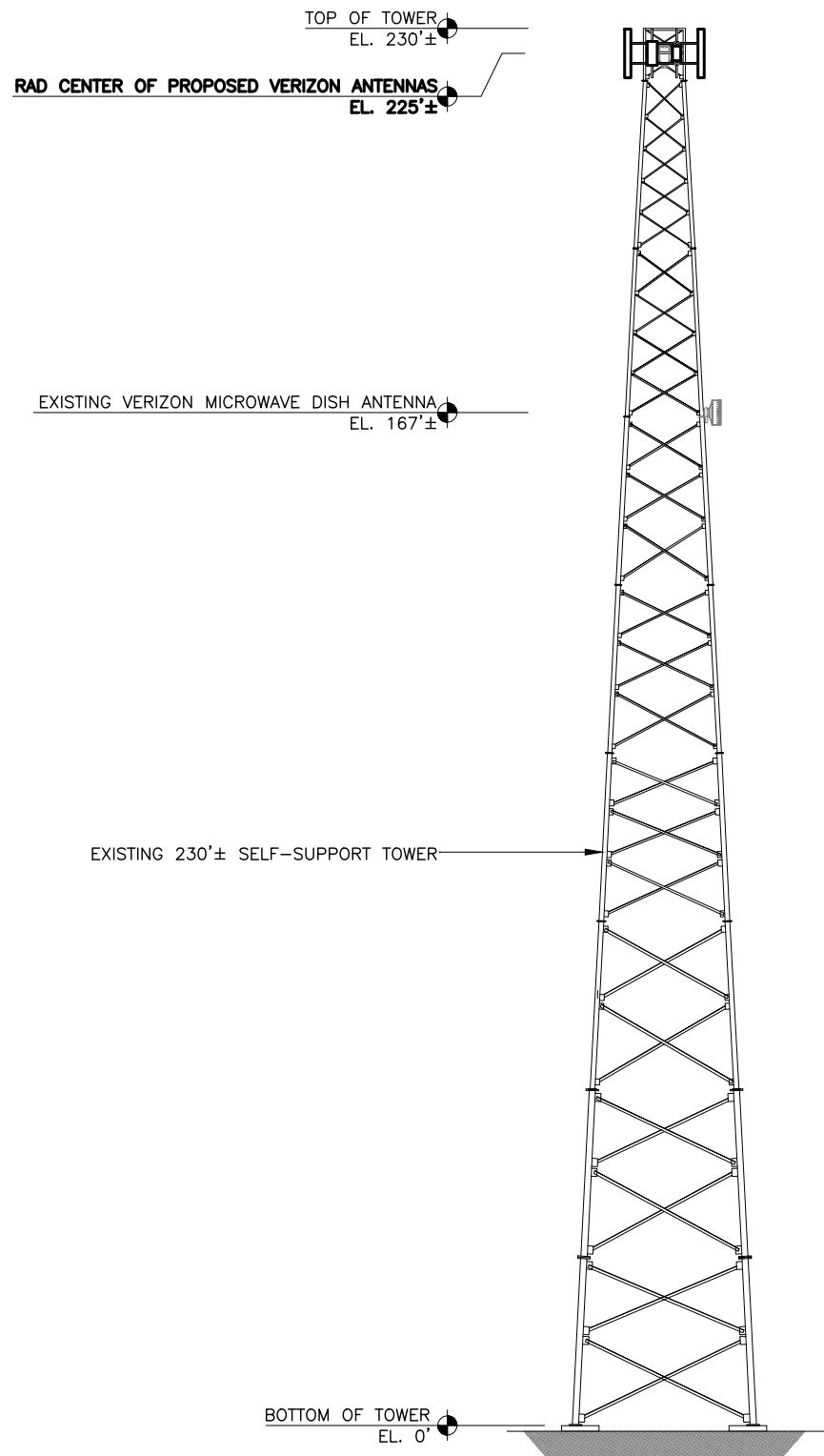
THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY MICHAEL A. PHILLIPS, P.E. ON THE DATE ADJACENT TO THE SEAL.

SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

HEITZMAN
CONSTRUCT
5000040143
17580 US HIGHWAY 441
WHITE SPRINGS, FL 32096

SHEET NAME
COMPOUND PLAN

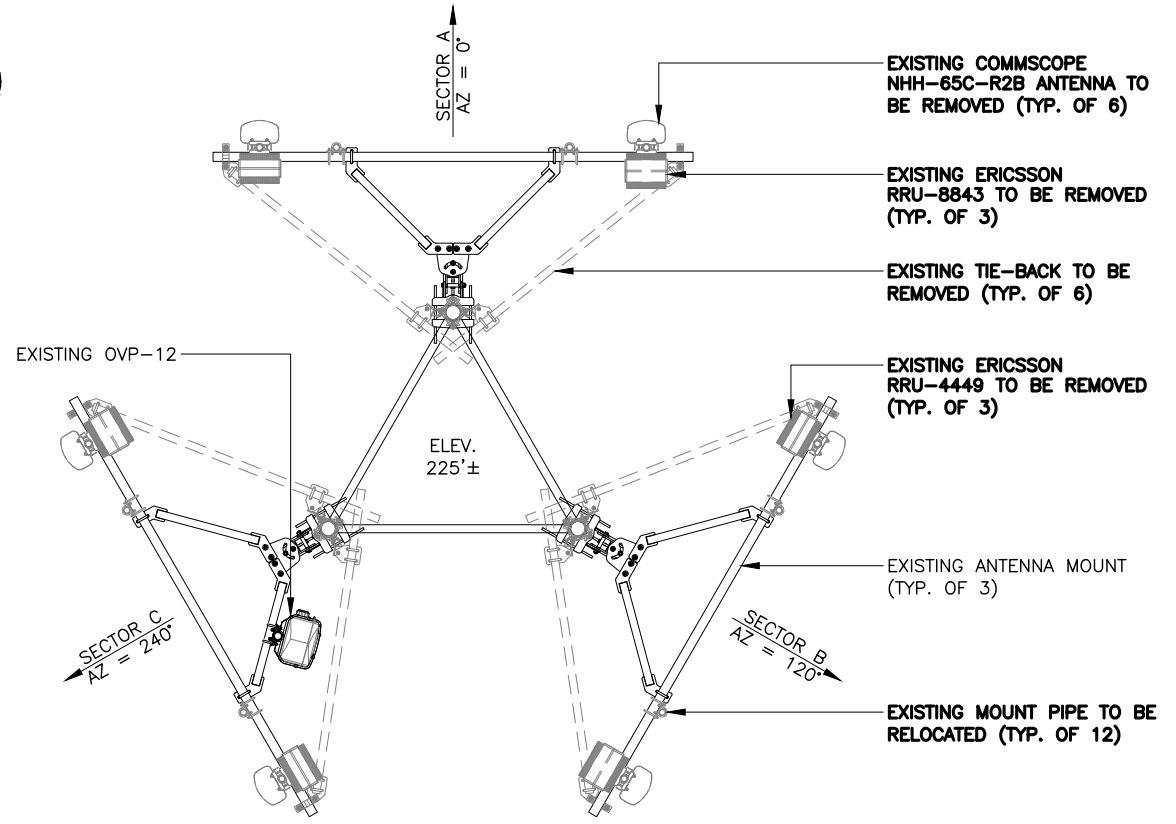
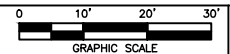
SHEET NUMBER
C1



APPROVED FCC HEIGHT
235'± AGL

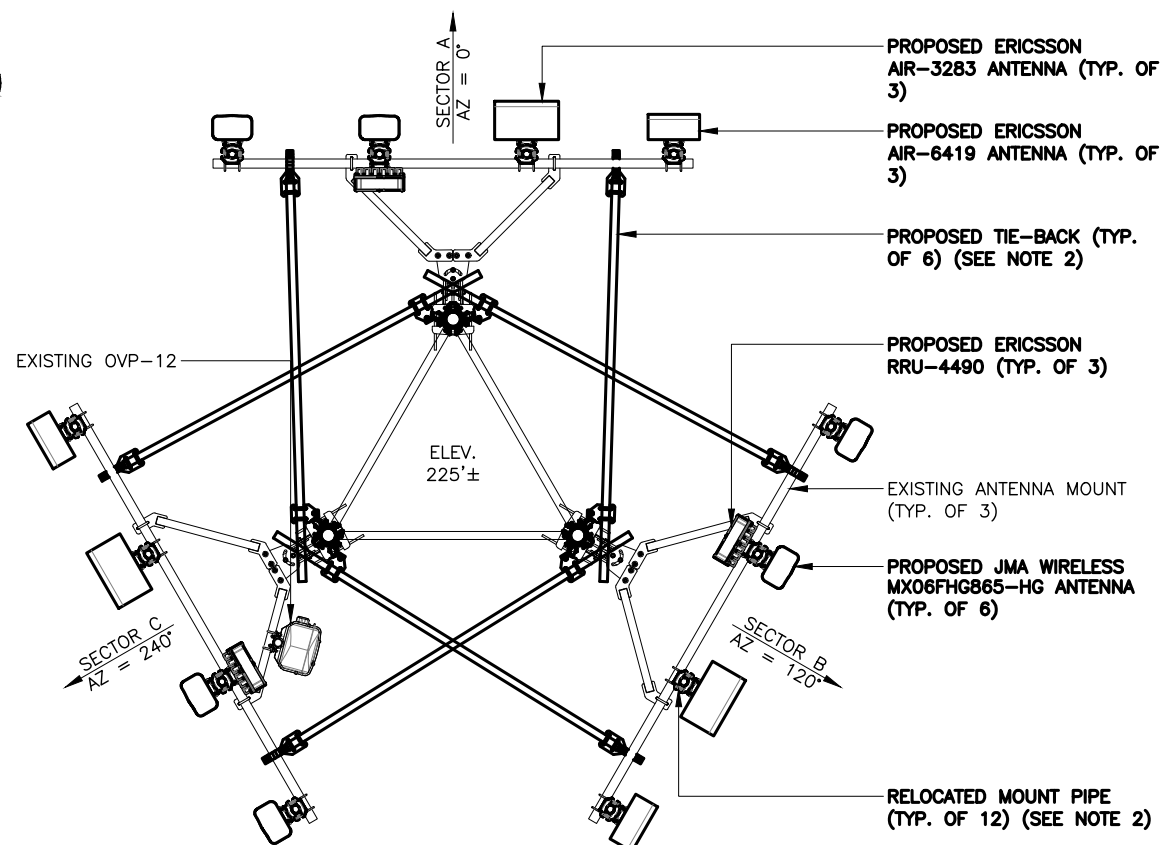
NOTE:
THIS DRAWING IS INTENDED TO DEPICT THE GENERAL LOCATION AND HEIGHT OF THE PROPOSED ANTENNAS ON THE EXISTING TOWER. CONSTRUCTION SHALL NOT PROCEED UNTIL A STRUCTURAL ANALYSIS REPORT HAS BEEN COMPLETED BY A PROFESSIONAL ENGINEER REGISTERED IN THIS STATE, CONCLUDING THAT THE EXISTING TOWER IS STRUCTURALLY ADEQUATE TO RESIST THE EXISTING AND PROPOSED LOADS.

TOWER ELEVATION



EXISTING ANTENNA PLAN

NTS 2



NOTES:

1. THIS DRAWING IS INTENDED TO DEPICT THE GENERAL LOCATION AND HEIGHT OF THE PROPOSED ANTENNAS ON THE MODIFIED MOUNT. CONSTRUCTION SHALL NOT PROCEED UNTIL A MOUNT ANALYSIS REPORT HAS BEEN COMPLETED BY A PROFESSIONAL ENGINEER REGISTERED IN THIS STATE, CONCLUDING THAT THE MODIFIED MOUNT IS STRUCTURALLY ADEQUATE TO RESIST THE EXISTING AND PROPOSED LOADS.
2. ANTENNA MOUNT MODIFICATION DESIGN PROVIDED SEPARATELY BY COLLIERS ENGINEERING & DESIGN.

PROPOSED ANTENNA PLAN

NTS 3

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CONSTRUCT

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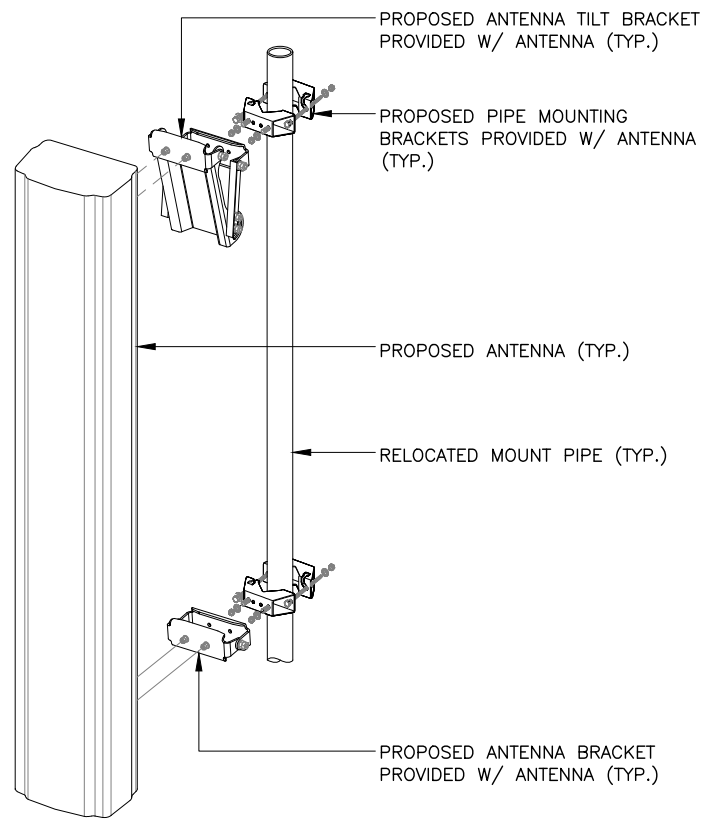
17580 US HIGHWAY 441
WHITE SPRINGS, FL 32096

SHEET NAME

ELEVATION AND
ANTENNA PLANS

SHEET NUMBER

C3



ANTENNA AND CABLE SCHEDULE											
POS.	SECTOR	USE	MANUFACTURER (MODEL #)	RAD CENTER	CABLE SIZE	AZIMUTH (TN)	CABLE LENGTH	MECH. D-TILT	ELEC. D-TILT	EQUIPMENT (MODEL #)	OVP-BOX (TOWER)
1	ALPHA	700 LTE 850 LTE 1900 LTE 2100 LTE 1900 5G L-SUB6 5G	JMA WIRELESS (MX06FHG865-HG)	225'±	(2) 1-5/8" HYBRID (1) 1/2" COAX	0°	FIELD VERIFY	(*)	(*)	(3) ERICSSON RRUS (RRUS-4490)	(1) RAYCAP (OVP-12)
2	ALPHA		JMA WIRELESS (MX06FHG865-HG)			0°		(*)	(*)		
3	ALPHA		ERICSSON (AIR 3283)			0°		(*)	(*)		
4	ALPHA		ERICSSON (AIR 6419)			0°		(*)	(*)		
1	BETA		JMA WIRELESS (MX06FHG865-HG)			120°		(*)	(*)		
2	BETA		JMA WIRELESS (MX06FHG865-HG)			120°		(*)	(*)		
3	BETA		ERICSSON (AIR 3283)			120°		(*)	(*)		
4	BETA		ERICSSON (AIR 6419)			120°		(*)	(*)		
1	GAMMA		JMA WIRELESS (MX06FHG865-HG)			240°		(*)	(*)		
2	GAMMA		JMA WIRELESS (MX06FHG865-HG)			240°		(*)	(*)		
3	GAMMA		ERICSSON (AIR 3283)			240°		(*)	(*)		
4	GAMMA		ERICSSON (AIR 6419)			240°		(*)	(*)		

PROPOSED EQUIPMENT IN BOLD
(*) REFER TO RFDS

NOTES:

- ALL VERIZON ANTENNA AND CABLE DATA BASED ON ASSUMED ANTENNA HEIGHT. CONTRACTOR SHALL VERIFY PROPOSED ANTENNA HEIGHT PRIOR TO INITIATION OF CONSTRUCTION ACTIVITIES, INCLUDING, BUT NOT LIMITED TO, ORDERING OF ANY ANTENNA OR CABLE MOUNTING HARDWARE.
- DESIGN PER RFDS DATED 08-19-25.

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SHEET NAME

DETAILS

SHEET NUMBER

C4

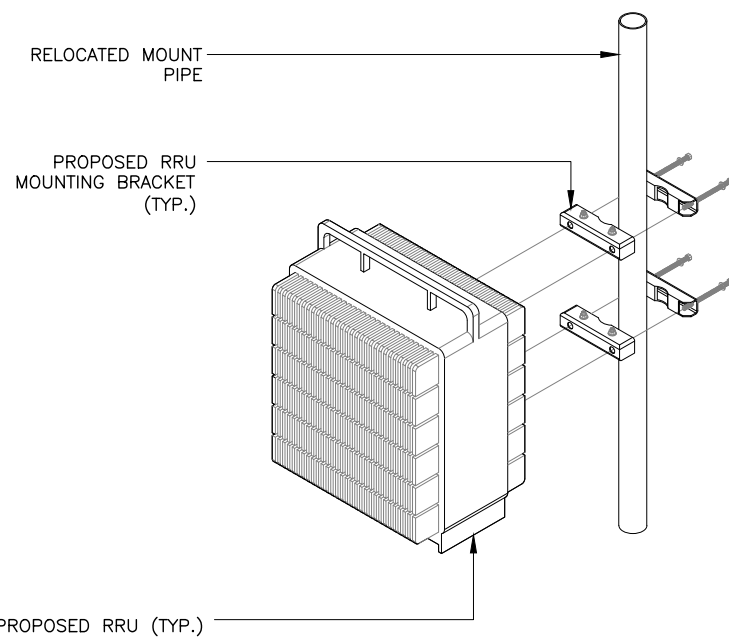
ANTENNA MOUNTING DETAIL

NTS

1

ANTENNA AND CABLE SCHEDULE

2



NOTES:

- UNIT SHALL BE MOUNTED AS PER MANUFACTURER'S RECOMMENDATIONS.
- CONTRACTOR SHALL TIGHTEN ALL BOLTS TO A "SNUG TIGHT" CONDITION AS DEFINED BY AISC.

RRU MOUNTING DETAIL

NTS

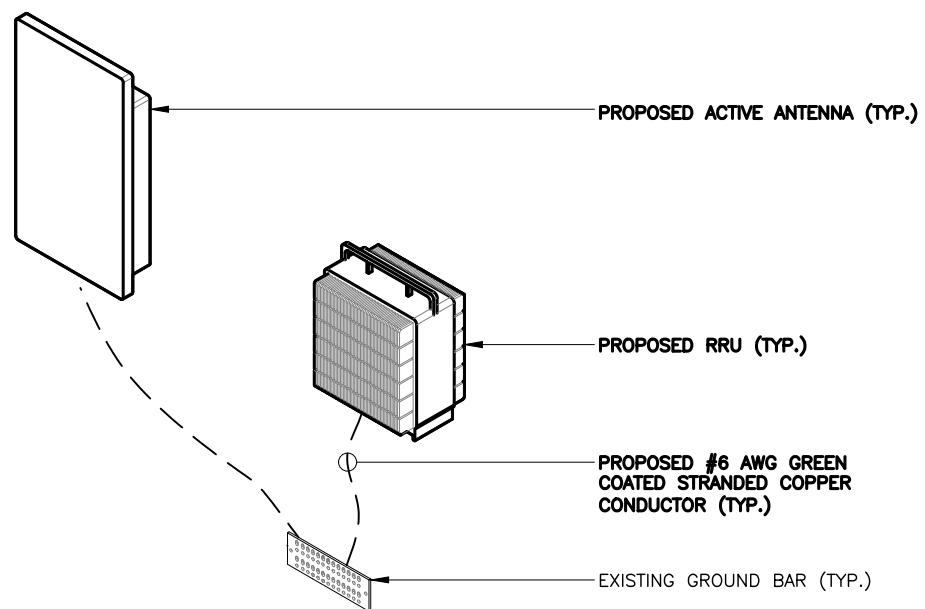
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(NOT USED)

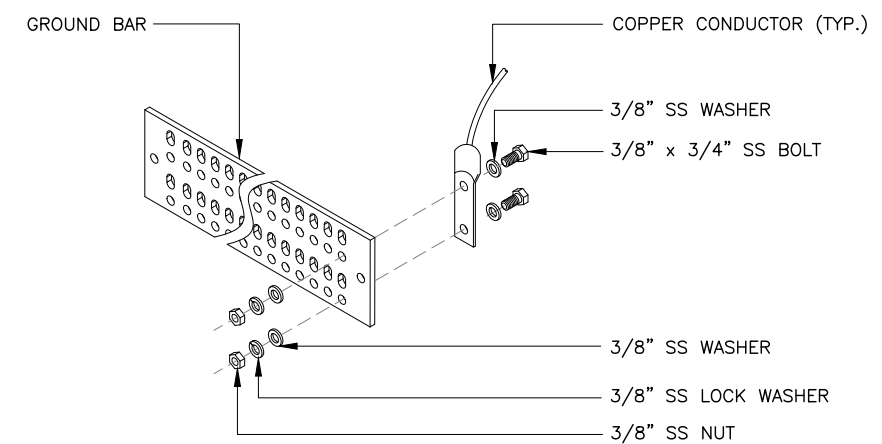
4

(NOT USED)

5



2



GROUND BAR DETAIL

NTS 2

1. RECORD DRAWINGS: MAINTAIN A RECORD OF ALL CHANGES, SUBSTITUTIONS BETWEEN WORK AS SPECIFIED AND INSTALLED. RECORD CHANGES ON A CLEAN SET OF CONTRACT DOCUMENTS WHICH SHALL BE TURNED OVER TO THE CONSTRUCTION MANAGER UPON COMPLETION OF THE PROJECT.
2. GUARANTEE/WARRANTY: GUARANTEE INSTALLATION TO BE FREE OF DEFECTS, SHORTS, GROUNDS, ETC., FOR A PERIOD OF ONE YEAR. FURNISH WARRANTY SO THE DEFECTIVE MATERIAL AND/OR WORKMANSHIP WILL BE REPAIRED/REPLACED IMMEDIATELY UPON NOTIFICATION AT NO COST TO THE OWNER FOR PERIOD OF WARRANTY.
3. ALL TIE WRAPS SHALL BE CUT FLUSH WITH APPROVED CUTTING TOOL TO REMOVE SHARP EDGES.
4. ELECTRICAL METALLIC TUBING (EMT) OR RIGID NONMETALLIC CONDUIT (I.E., RIGID PVC SCHEDULE 40, OR RIGID PVC SCHEDULE 80 FOR LOCATIONS SUBJECT TO PHYSICAL DAMAGE) SHALL BE USED FOR EXPOSED INDOOR LOCATIONS.
5. LIQUID-TIGHT FLEXIBLE METALLIC CONDUIT (LIQUID-TITE FLEX) SHALL BE USED INDOORS AND OUTDOORS, WHERE VIBRATION OCCURS OR FLEXIBILITY IS NEEDED.
6. WIREWAYS SHALL BE EPOXY-COATED (GRAY) AND INCLUDE A HINGED COVER, DESIGNED TO SWING OPEN DOWNWARD; SHALL BE PANDUIT TYPE E (OR EQUAL); AND RATED NEMA 1 (OR BETTER) INDOORS, OR NEMA 3R (OR BETTER) OUTDOORS.
7. EQUIPMENT CABINETS, TERMINAL BOXES, JUNCTION BOXES, AND PULL BOXES SHALL BE GALVANIZED OR EPOXY-COATED SHEET STEEL, SHALL MEET OR EXCEED UL 50, AND RATED NEMA 1 (OR BETTER) INDOORS, OR NEMA 3R (OR BETTER) OUTDOORS.
8. METAL RECEPTACLE, SWITCH, AND DEVICE BOXES SHALL BE GALVANIZED, EPOXY-COATED, OR NON-CORRODING; SHALL MEET OR EXCEED UL 514A AND NEMA OS 1; AND RATED NEMA 1 (OR BETTER) INDOORS, OR WEATHER PROTECTED (WP OR BETTER) OUTDOORS.
9. NONMETALLIC RECEPTACLE, SWITCH, AND DEVICE BOXES SHALL MEET OR EXCEED NEMA OS 2; AND RATED NEMA 1 (OR BETTER) INDOORS, OR WEATHER PROTECTED (WP OR BETTER) OUTDOORS.

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SHEET NAME
GROUNDING DETAILS
AND NOTES

SHEET NUMBER
E1