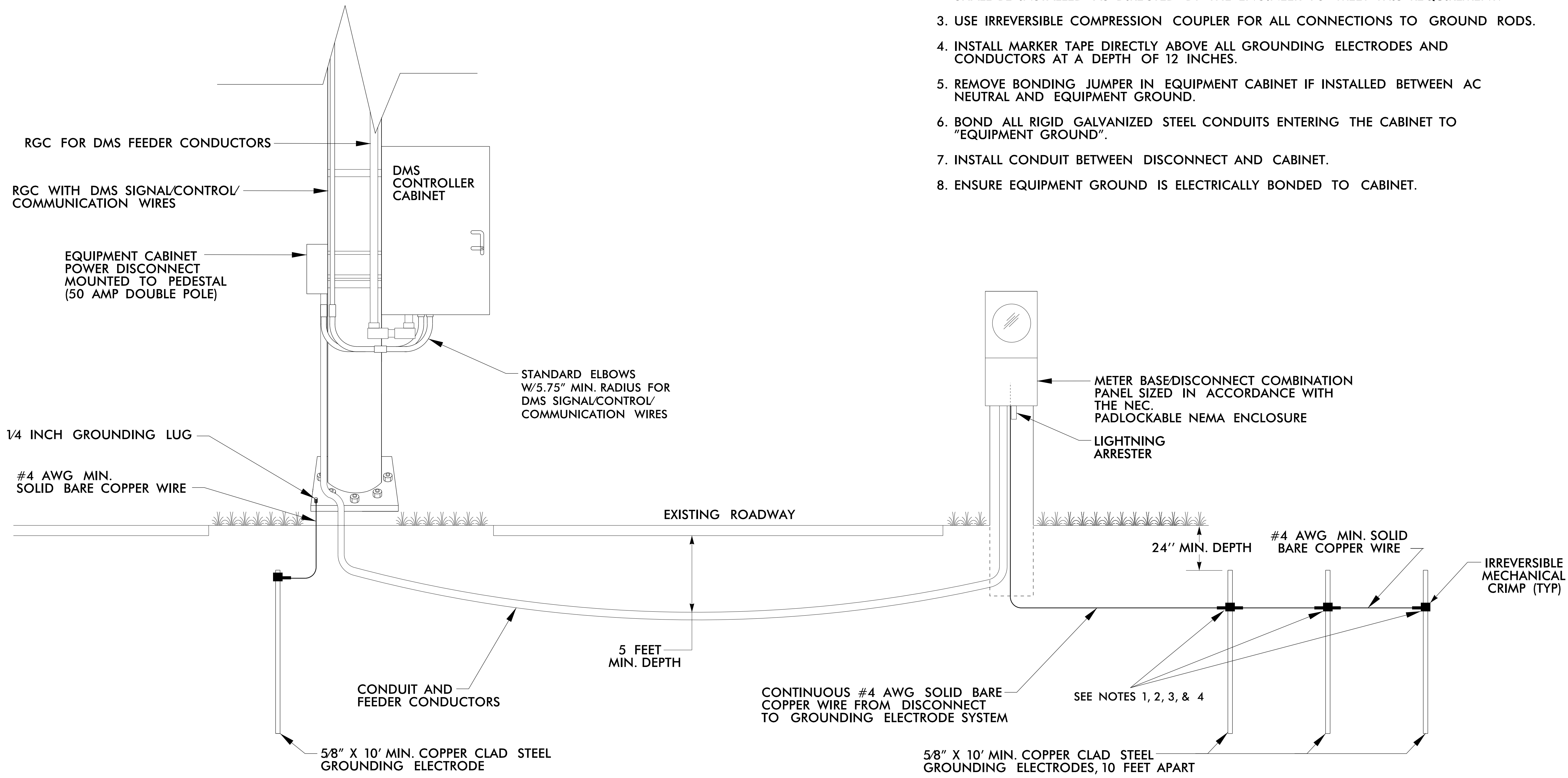


**NOTES**

1. INSTALL A MINIMUM OF THREE (3) GROUNDING ELECTRODES SPACED A MINIMUM OF 10 FEET APART. ENSURE THAT EXISTING UNDERGROUND FACILITIES ARE NOT DAMAGED DURING INSTALLATION.
2. TEST GROUNDING SYSTEM USING AN APPROVED METHOD. SYSTEM SHOULD MEASURE TWENTY (20) OHMS OR LESS. ADDITIONAL GROUNDING ELECTRODES SHALL BE INSTALLED AS DIRECTED BY THE ENGINEER TO MEET THIS REQUIREMENT.
3. USE IRREVERSIBLE COMPRESSION COUPLER FOR ALL CONNECTIONS TO GROUND RODS.
4. INSTALL MARKER TAPE DIRECTLY ABOVE ALL GROUNDING ELECTRODES AND CONDUCTORS AT A DEPTH OF 12 INCHES.
5. REMOVE BONDING JUMPER IN EQUIPMENT CABINET IF INSTALLED BETWEEN AC NEUTRAL AND EQUIPMENT GROUND.
6. BOND ALL RIGID GALVANIZED STEEL CONDUITS ENTERING THE CABINET TO "EQUIPMENT GROUND".
7. INSTALL CONDUIT BETWEEN DISCONNECT AND CABINET.
8. ENSURE EQUIPMENT GROUND IS ELECTRICALLY BONDED TO CABINET.



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**DMS 1 & DMS 2**  
 NEW ELECTRICAL SERVICE  
 AND GROUNDING DETAIL

DIVISION 06	CUMBERLAND CO.	FAYETTEVILLE
PLAN DATE: MARCH 2018	REVIEWED BY: D. HARRIS	
PREPARED BY: J. INGRAM	REVIEWED BY: B. WATSON	
REVISIONS	INIT.	DATE

SCALE: N/A

SEAL  
 NORTH CAROLINA  
 PROFESSIONAL ENGINEER  
 SEAL 045933  
 LAWRENCE E. OVERTON  
 DocuSigned by:  
 Lawrence E Overton 3/29/2018  
 DATE  
 CADD Filename: