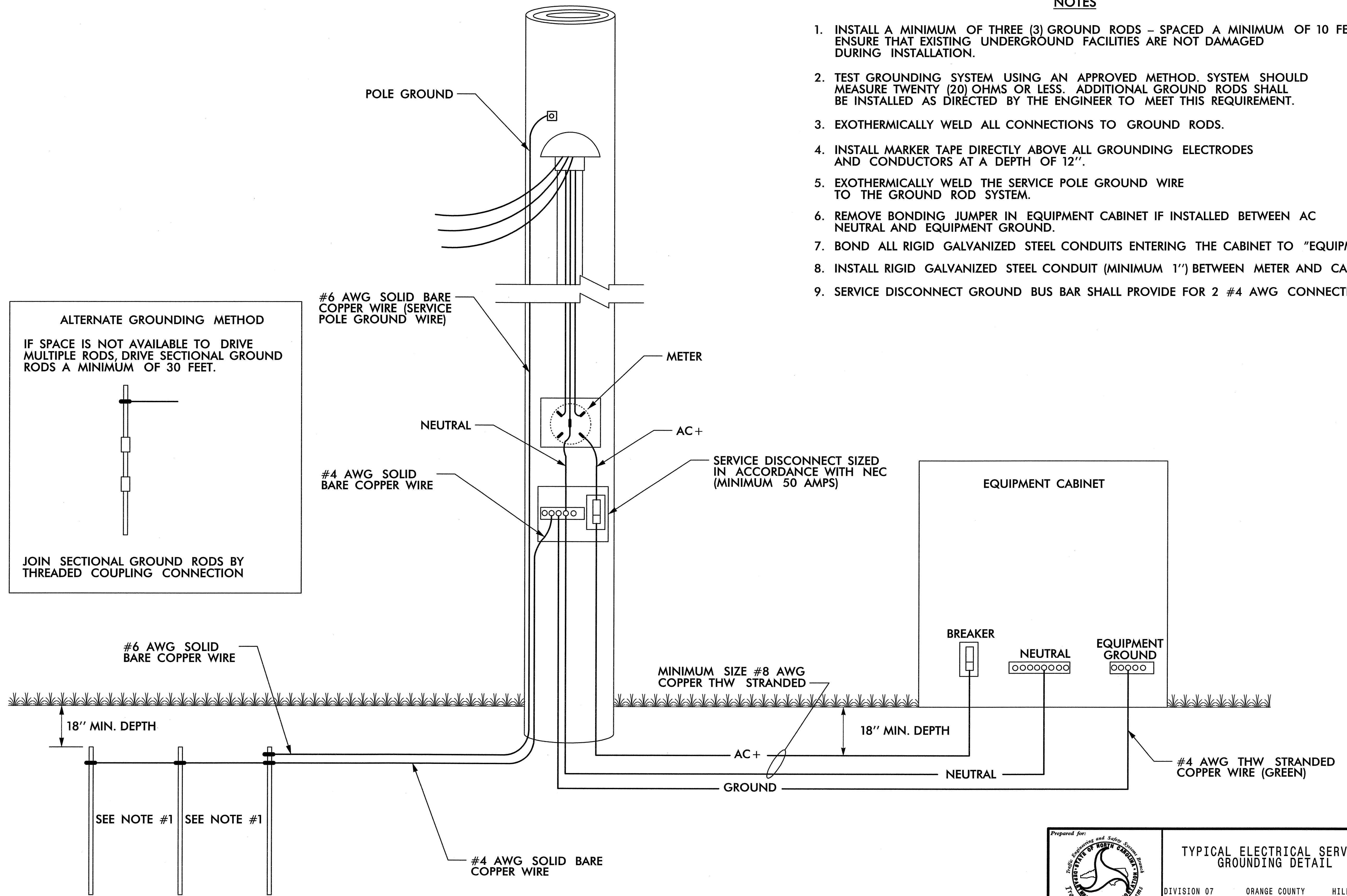


NOTES

1. INSTALL A MINIMUM OF THREE (3) GROUND RODS - 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 GROUND RODS SHALL BE INSTALLED AS DIRECTED BY THE ENGINEER TO MEET THIS REQUIREMENT.
3. EXOTHERMICALLY WELD ALL CONNECTIONS TO GROUND RODS.
4. INSTALL MARKER TAPE DIRECTLY ABOVE ALL GROUNDING ELECTRODES AND CONDUCTORS AT A DEPTH OF 12".
5. EXOTHERMICALLY WELD THE SERVICE POLE GROUND WIRE TO THE GROUND ROD SYSTEM.
6. REMOVE BONDING JUMPER IN EQUIPMENT CABINET IF INSTALLED BETWEEN AC NEUTRAL AND EQUIPMENT GROUND.
7. BOND ALL RIGID GALVANIZED STEEL CONDUITS ENTERING THE CABINET TO "EQUIPMENT GROUND".
8. INSTALL RIGID GALVANIZED STEEL CONDUIT (MINIMUM 1") BETWEEN METER AND CABINET.
9. SERVICE DISCONNECT GROUND BUS BAR SHALL PROVIDE FOR 2 #4 AWG CONNECTIONS.



ALTERNATE GROUNDING METHOD
 IF SPACE IS NOT AVAILABLE TO DRIVE MULTIPLE RODS, DRIVE SECTIONAL GROUND RODS A MINIMUM OF 30 FEET.
 JOIN SECTIONAL GROUND RODS BY THREADED COUPLING CONNECTION

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	TYPICAL ELECTRICAL SERVICE GROUNDING DETAIL		
	DIVISION 07 ORANGE COUNTY HILLSBOROUGH PLAN DATE: OCTOBER 2003 REVIEWED BY: E.T. GARRETT PREPARED BY: E.T. GARRETT REVIEWED BY: H.L. WINSTEAD		
SCALE NONE	REVISIONS _____ _____	INIT. DATE _____ _____	CADD FILE NAME: tms-26.dgn