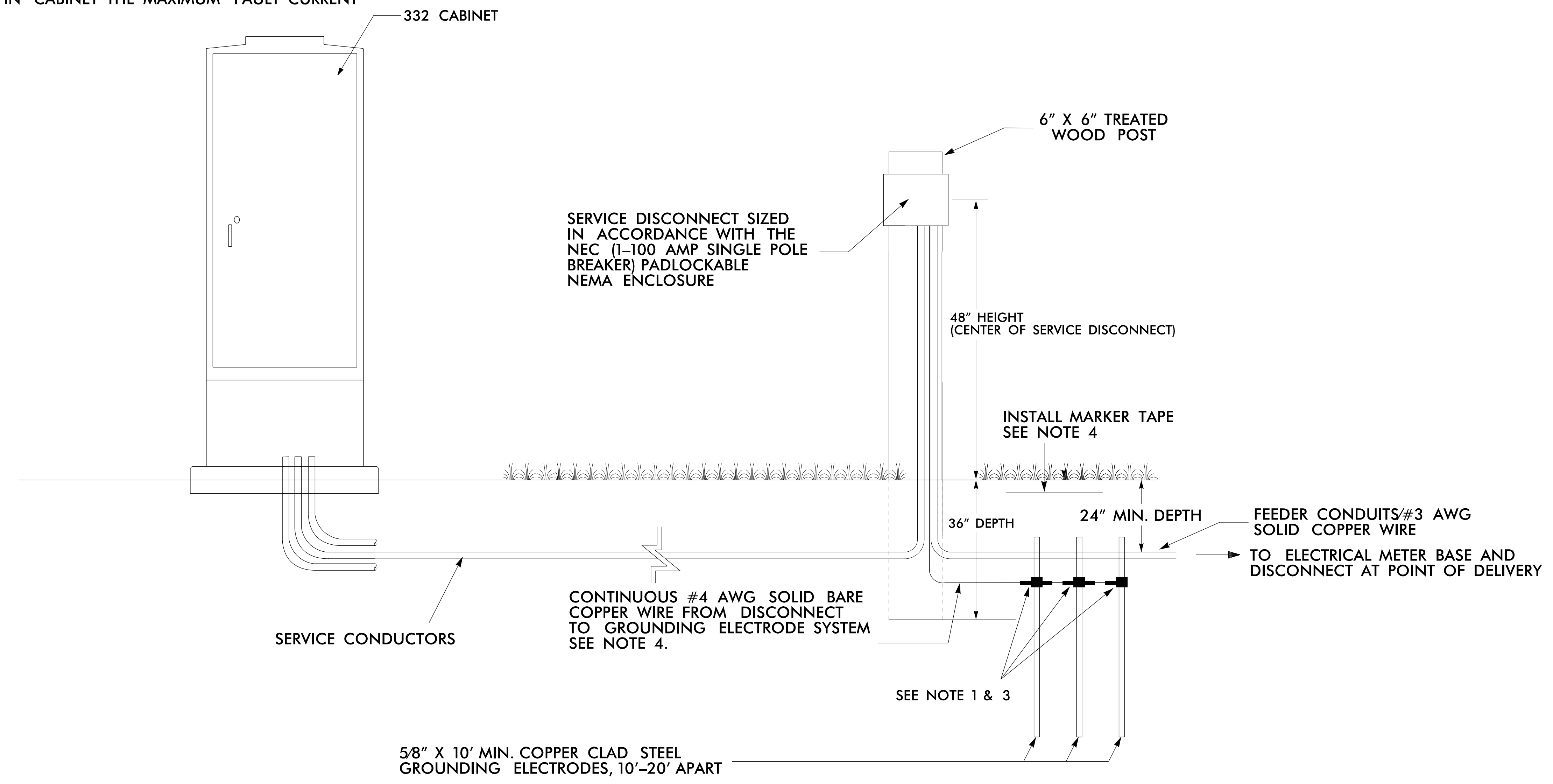


NOTES

1. INSTALL A MINIMUM OF THREE 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 SHALL 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 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 CABINET DISCONNECT AND CABINET.
8. ENSURE EQUIPMENT GROUND IS ELECTRICALLY BONDED TO EQUIPMENT CABINET.
9. PERMANENTLY IDENTIFY AND LABEL IN CABINET THE MAXIMUM FAULT CURRENT AVAILABLE.



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ATKINS 5200 77 CENTER DRIVE, SUITE 500
 CHARLOTTE, NORTH CAROLINA 28217
 (704) 522-7275 NCBEES #F-0326

**DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED**

	I-540 Ramp Metering	
	Ramp Meter Cabinet Disconnect	
Division 5	Wake County	Raleigh
PLAN DATE: June 2016	REVIEWED BY: H A Badgett	
PREPARED BY: P M Blaiklock	REVIEWED BY: J T Brooks	
REVISIONS	INIT.	DATE
N.T.S.		
DocuSigned by: ALFRED BADGETT PROFESSIONAL ENGINEER STATE OF NORTH CAROLINA No. 019962		6/27/2016 DATE