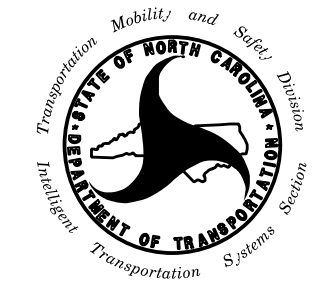



NOTES

1. INSTALL A MINIMUM OF 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 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 DISCONNECT, TRANSFORMER, AND CABINET.
8. ENSURE EQUIPMENT GROUND IS ELECTRICALLY BONDED TO EQUIPMENT CABINET.

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Plans Prepared for:  250 N. Greenfield Place, Garner, NC 27529	DYNAMIC MESSAGE SIGN 1 NEW ELECTRICAL SERVICE AND GROUNDING DETAIL		SEAL  SEAL 07983 H.L. WINSTEAD, JR. ENGINEER
	DIVISION 10 MECKLENBURG CO., CHARLOTTE		
SCALE	PREPARED BY: T.R. TERRELL	REVIEWED BY: A.D. KLINSIEK	DocuSigned by: H.L. Winstead, Jr. 02-04-2015
NONE	REVISIONS	INIT. DATE	SIGNATURE DATE
			CADD File name: R2248EA ITS-52.dgn