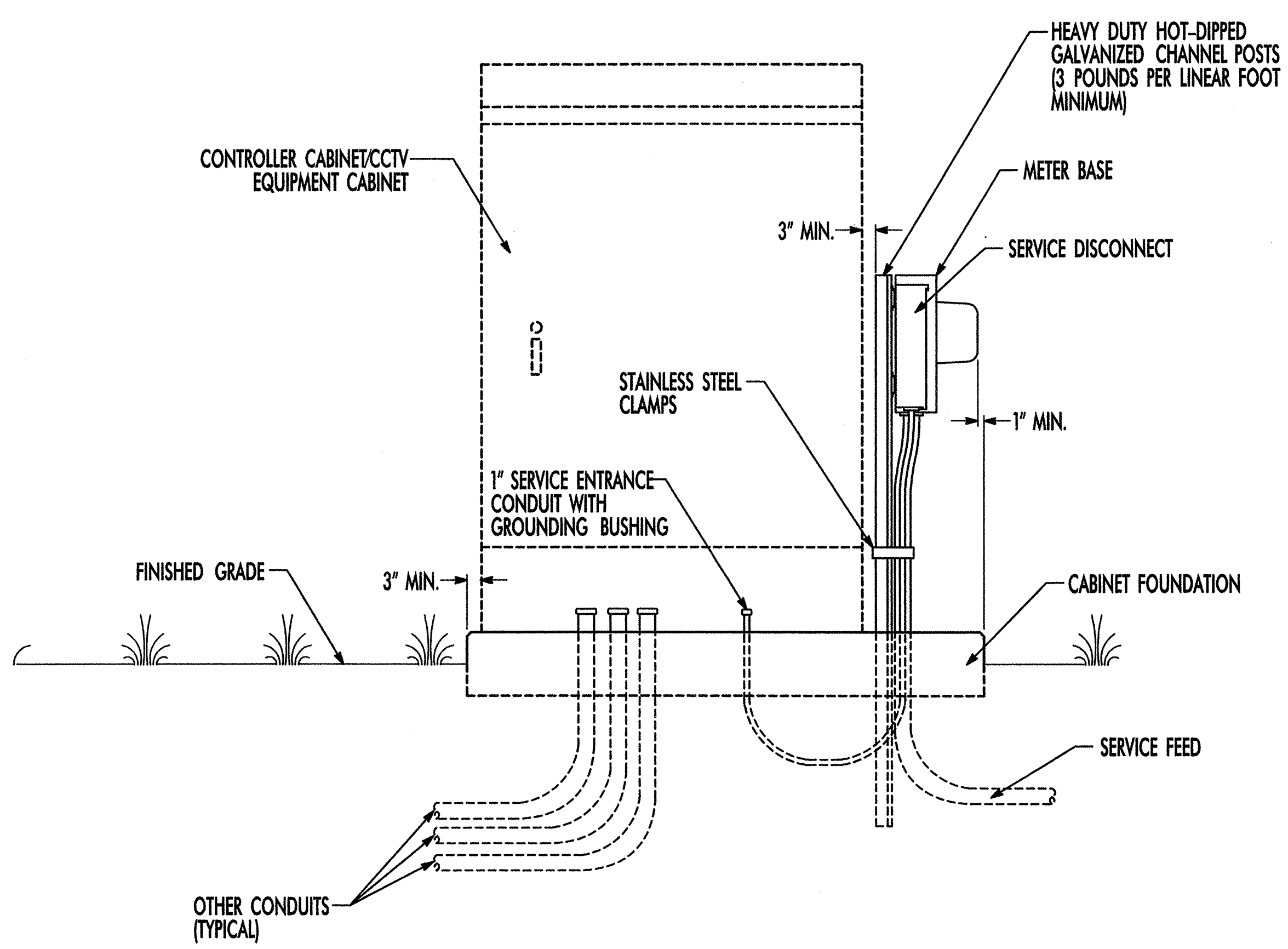
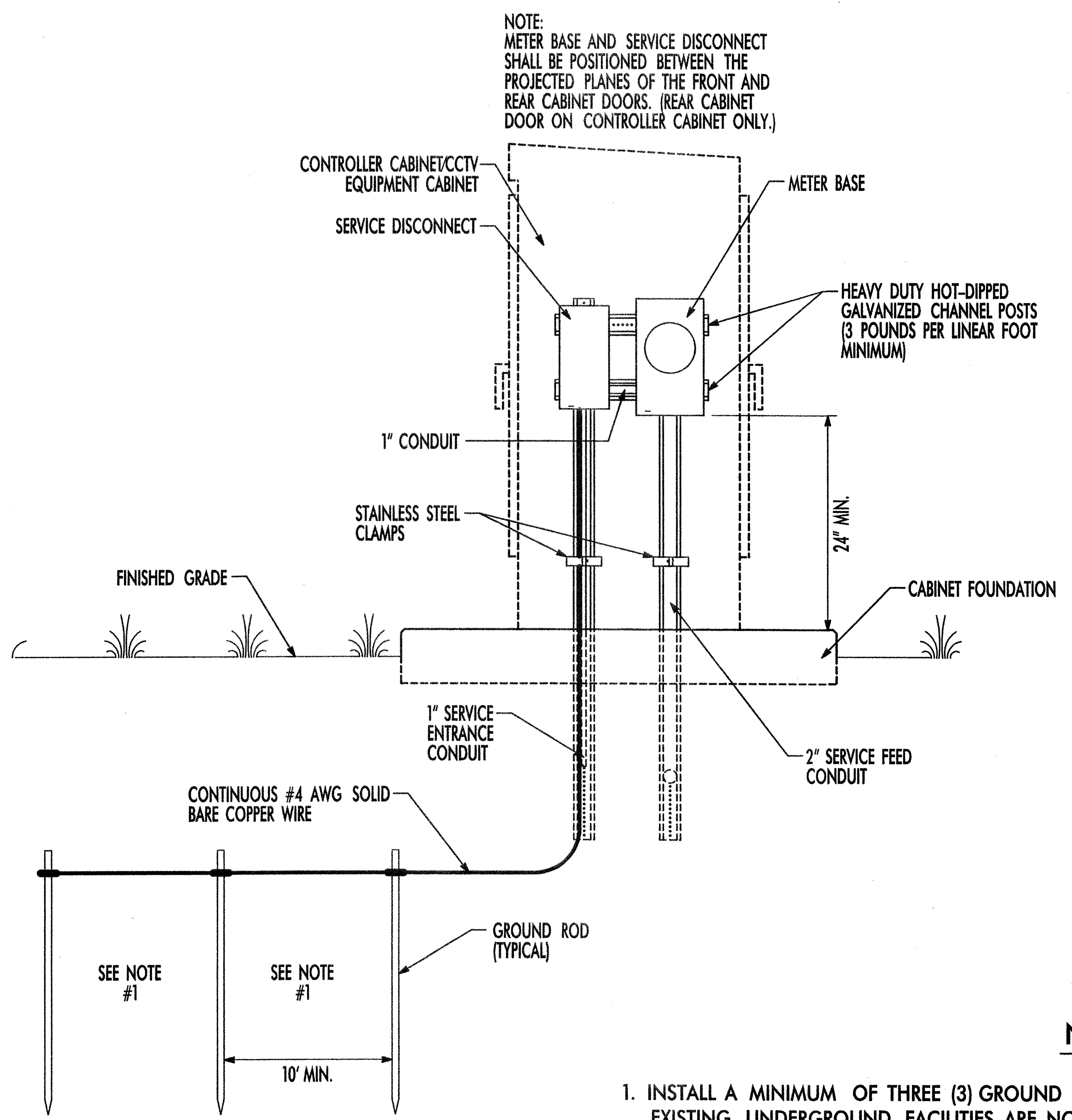


GROUND MOUNTED SERVICE DETAIL



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 IN ACCORDANCE WITH SPECIAL PROVISIONS. INSTALL GROUND RODS 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 DISCONNECT AND CABINET.
9. SERVICE DISCONNECT GROUND BUS BAR SHALL PROVIDE FOR 2 #4 AWG CONNECTIONS.

HNTB HNTB NORTH CAROLINA, P.C.
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	GROUND MOUNTED SERVICE DETAIL		
	Division 04 Edgecombe/Nash Counties Rocky Mount PLAN DATE: February 2005 REVIEWED BY: S.T. Franklin PREPARED BY: T.R. Terrell REVIEWED BY: H.L. Winstead		
SCALE NONE	REVISIONS	INIT.	DATE
Signature: <i>H.L. Winstead</i> 4/12/05 DATE: 4/12/05			SEAL H. L. WINSTEAD, JR. ENGINEER No. 07983
CADD FILE NAME: GWSerDetail.DGN			