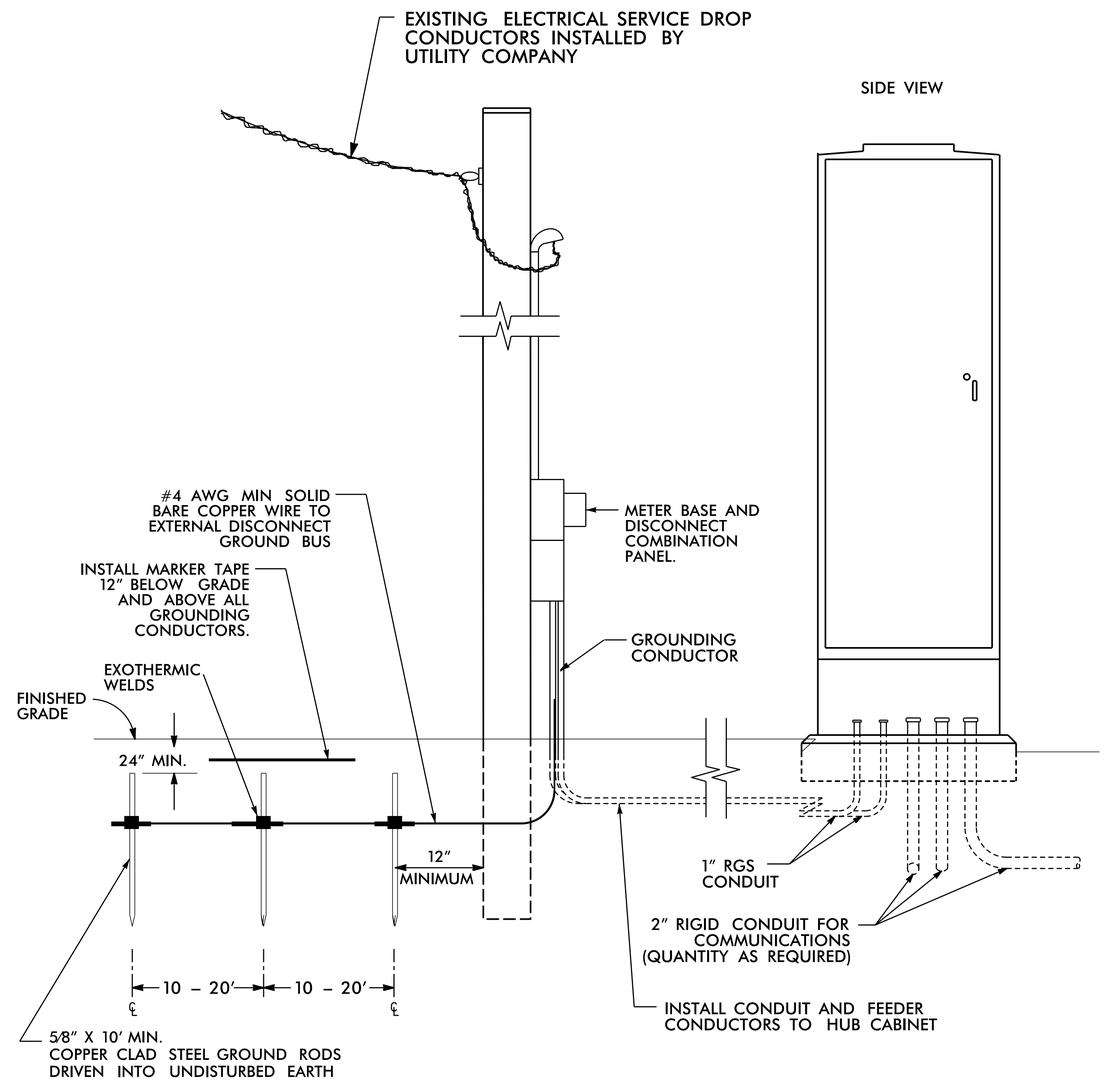
DocuSign Envelope ID: 9902AAAD-E369-4BAA-98A5-8226DAF4240A

PROJECT REFERENCE NO.	SHEET NO.
U-2579B	ITS-55

OVERHEAD ELECTRICAL SERVICE DETAIL



NOTES

1. TEST GROUNDING SYSTEM USING AN APPROVED METHOD IN ACCORDANCE WITH SPECIAL PROVISIONS. INSTALL GROUND RODS AS DIRECTED BY THE ENGINEER TO MEET THIS REQUIREMENT.
2. REMOVE BONDING JUMPER IN EQUIPMENT CABINET IF INSTALLED BETWEEN AC NEUTRAL AND EQUIPMENT GROUND.
3. BOND ALL RIGID GALVANIZED STEEL CONDUITS ENTERING THE CABINET TO "EQUIPMENT GROUND".
4. INSTALL RIGID GALVANIZED STEEL CONDUIT (MINIMUM 1") BETWEEN DISCONNECT AND CABINET.
5. SERVICE DISCONNECT GROUND BUS BAR SHALL PROVIDE FOR 2 #4 AWG CONNECTIONS.

ATKINS 5200 77 CENTER DR, SUITE 500
CHARLOTTE, NC 28217
704.665.4411 NCBEES #F-0326

Prepared in the Offices of:
Transportation Mobility and Safety Division
Engineering Transportation Systems
STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
750 N. Greenfield Pkwy., Garner, NC 27529

Electrical Service Details

DIVISION 09 FORSYTH CO KERNERSVILLE

PLAN DATE:		REVIEWED BY:	HAB
PREPARED BY:	BJS	REVIEWED BY:	JTB

SCALE	REVISIONS	INIT.	DATE
NTS			

SEAL
NORTH CAROLINA PROFESSIONAL SEAL 019962 ENGINEER ALFRED BADGETT
DocuSigned by: Alf Badgett 6/9/2014
SIGNATURE DATE

CADD Filename: S09_Electrical Detail.dgn