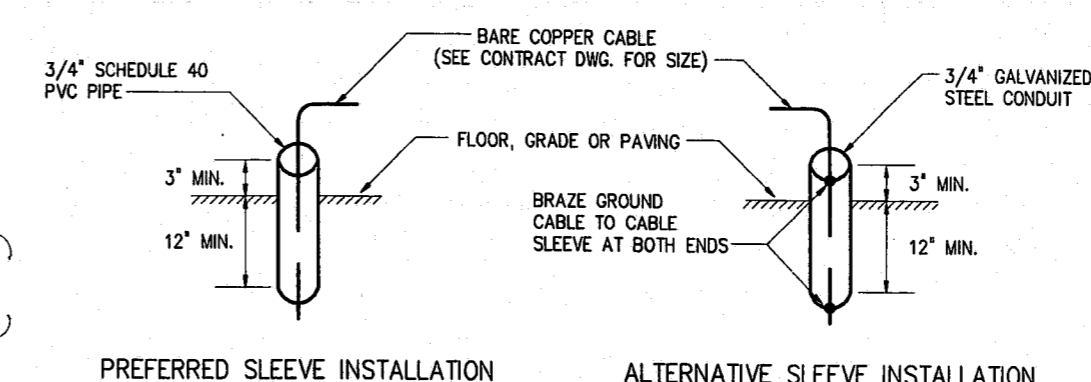


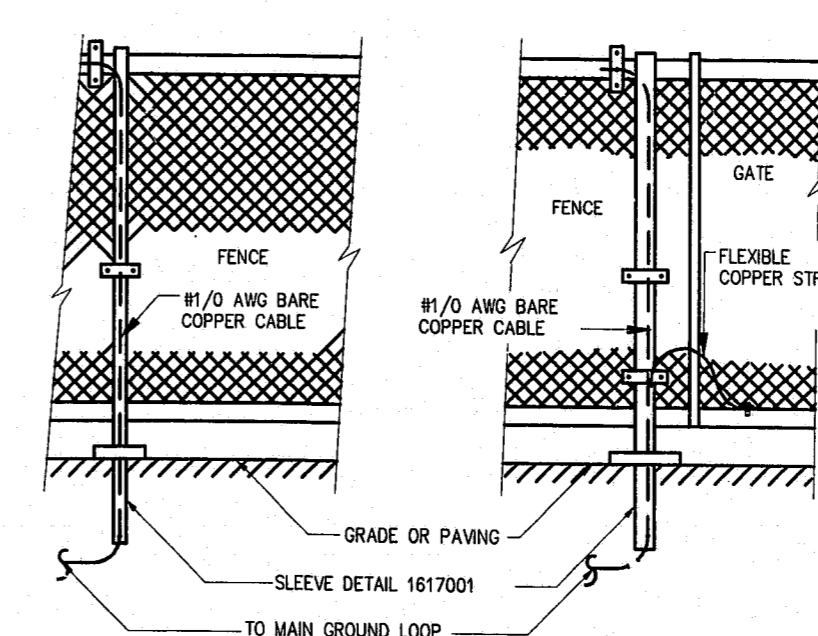
- NOTES:
- CONTRACTOR IS RESPONSIBLE TO COORDINATE WITH LOCAL POWER UTILITY AND LOCAL TELEPHONE COMPANY FOR INSTALLATION REQUIREMENTS OF METER BASE, CONDUITS, ETC. INSTALLATION AND WIRING FOR BOTH POWER AND TELEPHONE SERVICES SHALL BE DONE PER THE LOCAL POWER UTILITY AND TELEPHONE COMPANY INSTRUCTIONS.
 - AREA LIGHT FIXTURE, POLE, CONDUIT, WIRES AND POWER CONNECTION SHALL BE PROVIDED BY LOCAL UTILITY COMPANY.
 - CONTRACTOR SHALL FURNISH AND INSTALL A 100A, 4 LUG, 120/240 VAC METER BASE, CONCRETE ENCASED CONDUITS AND WIRING FROM THE UTILITY METERING EQUIPMENT RACK TO THE MAIN CIRCUIT BREAKER LOCATED INSIDE THE TANK PEDESTAL. CONTRACTOR SHALL COORDINATE WITH LOCAL UTILITY COMPANY FOR METER BASE REQUIREMENTS.
 - LOCAL UTILITY COMPANY SHALL FURNISH METER AND INSTALL CONDUIT AND CABLES TO THE METER BASE.
 - ALL EXTERIOR SITE LIGHTING IS DESIGNED TO PREVENT OFF-SITE GLARE.

ELECTRICAL SYMBOLS AND LEGEND

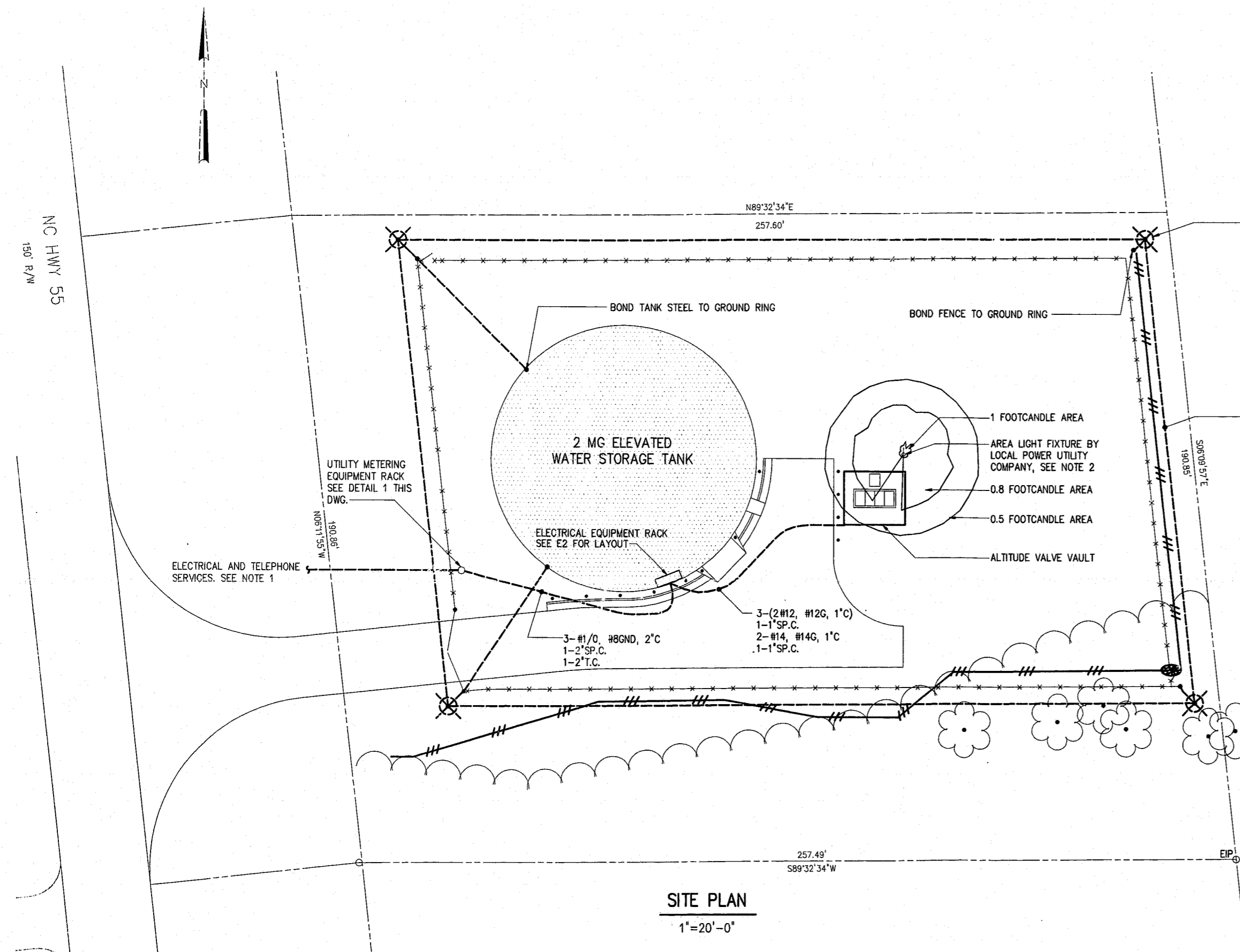
- 1'x4' FLUORESCENT FIXTURE
LETTER DENOTES TYPE
NUMBER DENOTES CIRCUIT NUMBER
- WALL/SURFACE MOUNTED HID OR INCANDESCENT FIXTURE
LETTER DENOTES TYPE
- POLE MOUNTED FIXTURE
LETTER DENOTES TYPE
- WALL SWITCH, SUBSCRIPT DENOTES TYPE
NO SUBSCRIPT DENOTES SINGLE POLE
2 DENOTES 2 WAY # DENOTES CIRCUIT NUMBER
3 DENOTES 3 WAY M DENOTES MOTOR STARTER
4 DENOTES 4 WAY
- DUPLEX RECEPTACLE SUBSCRIPT DENOTES TYPE
GFCI DENOTES GROUND FAULT CIRCUIT INTERRUPTER TYPE
- 120/240V PANELBOARD
- CONTROL PANEL
- JUNCTION BOX
- PULL BOX
- DISCONNECT SWITCH
- EQUIPMENT CONNECTION
- CONDUIT EXPOSED
- CONDUIT CONCEALED
- FLEXIBLE CONDUIT
- HOMERUN CONDUIT
- WP WEATHERPROOF
- CR CORROSION RESISTANT
- TPS TWISTED PAIR SHIELDED
- FSS FUSED SAFETY SWITCH
- NFSS NON FUSED SAFETY SWITCH
- C CONDUIT
- SP SPARE
- T.C. TELEPHONE CONDUIT



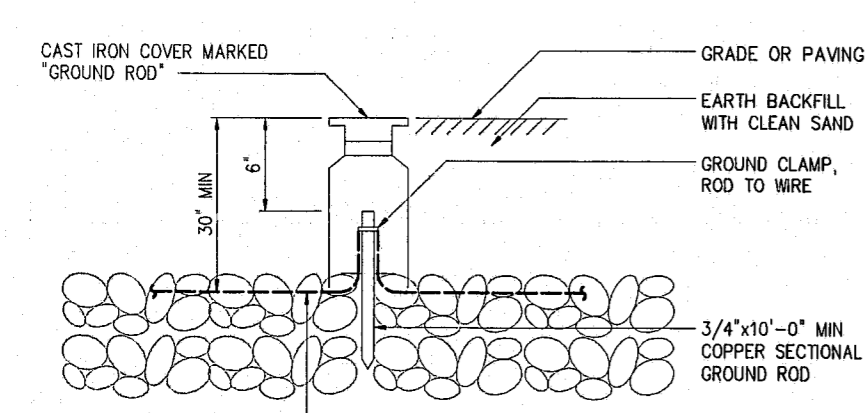
PREFERRED SLEEVE INSTALLATION ALTERNATIVE SLEEVE INSTALLATION
GROUND CABLE SLEEVE INSTALLATION
1617001



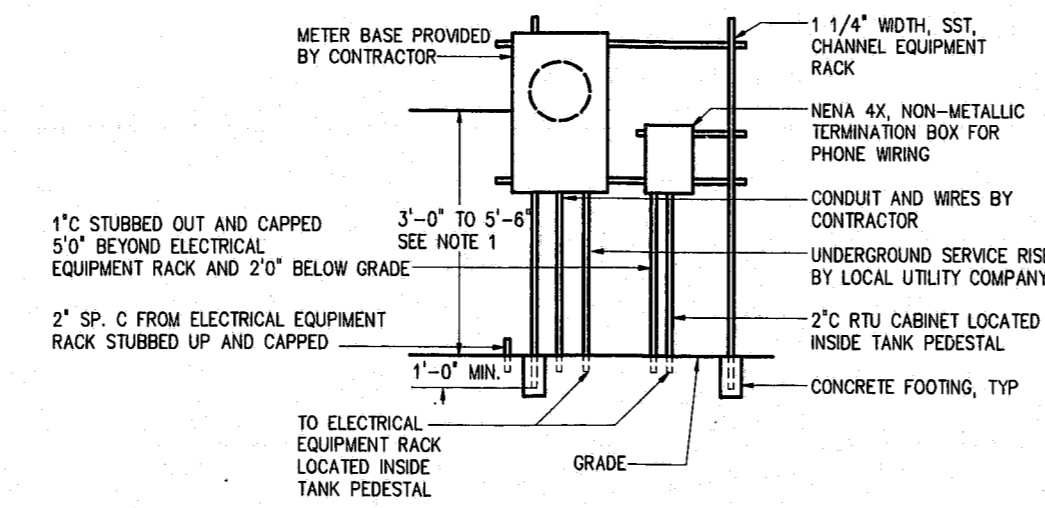
CONNECTION AT FENCE POST CONNECTION AT EACH GATE POST
FENCE GROUNDING INSTALLATION DETAIL
1617002



SITE PLAN
1"=20'-0"



ELECTRICAL INSTALLATION DETAIL
GROUND ROD ASSEMBLY
1617003



UTILITY METERING EQUIPMENT RACK
DETAIL 1
NTS E1

- NOTES:
- REFER TO JOB SPECIFICATION FOR MINIMUM SYSTEM RESISTANCE TO GROUND. IF THIS RESISTANCE CANNOT BE MET WITH SINGLE 10'-0" RODS, ADD ADDITIONAL SECTIONS TO RODS OR ADD NEW RODS AS REQUIRED, SPACED 6'-0" TO 10'-0" FROM EXISTING RODS.

00-SP-047
APPROVED
JG-8/3/00
8/7/00

DESIGNED: CHN				HAZEN AND SAWYER Environmental Engineers & Scientists 4011 WestChase Blvd, Raleigh, North Carolina 27607	TOWN OF CARY, NC ENGINEERING DIVISION 2 MG CARPENTER ELEVATED WATER STORAGE TANK	ELECTRICAL SITE PLAN	THE SCALE BAR SHOWN BELOW MEASURES ONE INCH LONG ON THE ORIGINAL DRAWING.	DATE: APRIL 2000
DRAWN: MOS								H & S JOB NUMBER: 2825
CHECKED: <i>gon</i>								CONTRACT NUMBER: 1
PROJ. ENGR. HTT								DRAWING NUMBER: E1
1 REGULATORY APPROVAL 4/00 HTT								SHEET 10 OF 20
2 CONSTRUCTION 5/00 HTT								
NO. ISSUED FOR DATE BY APPROVED								