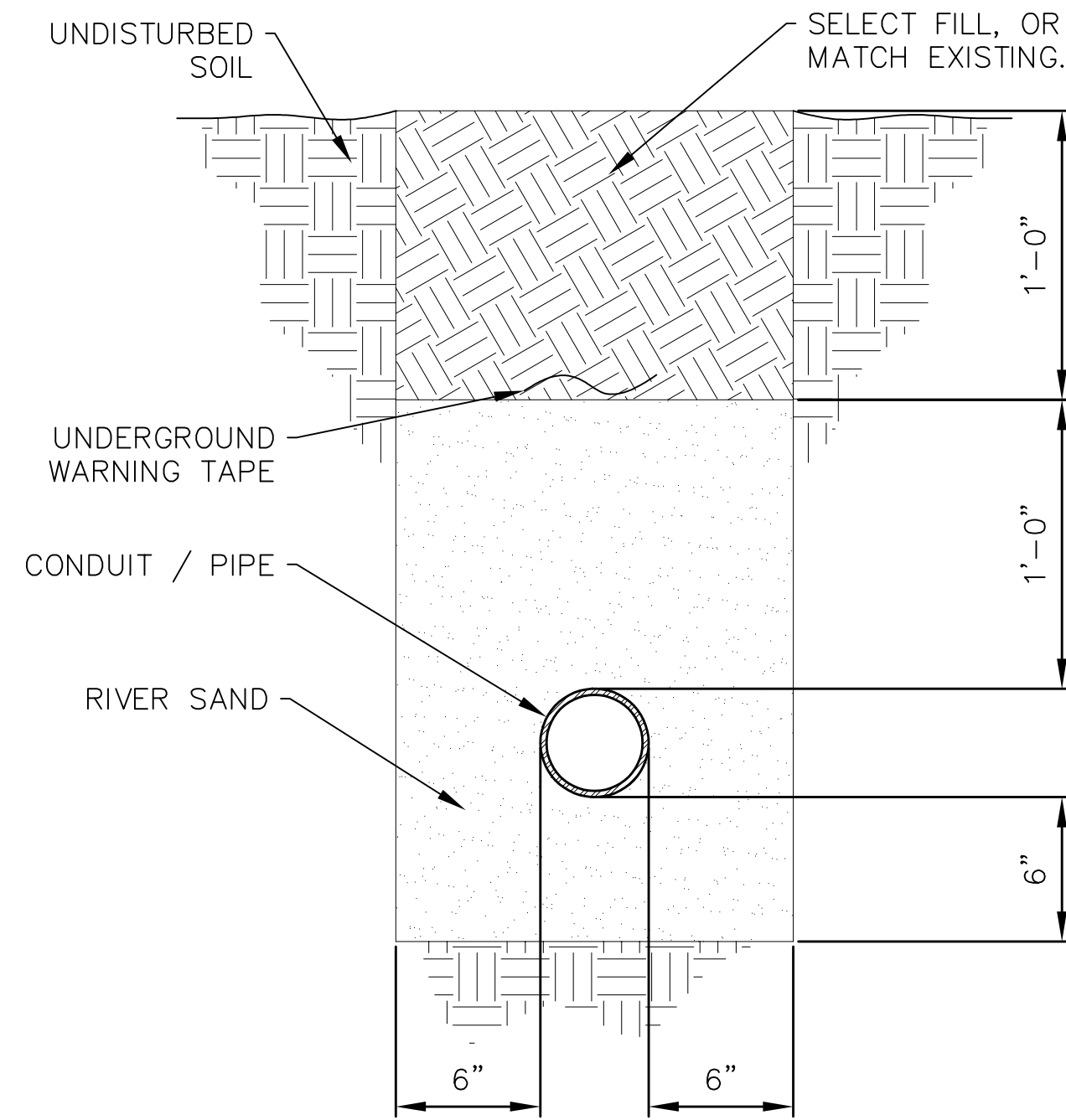
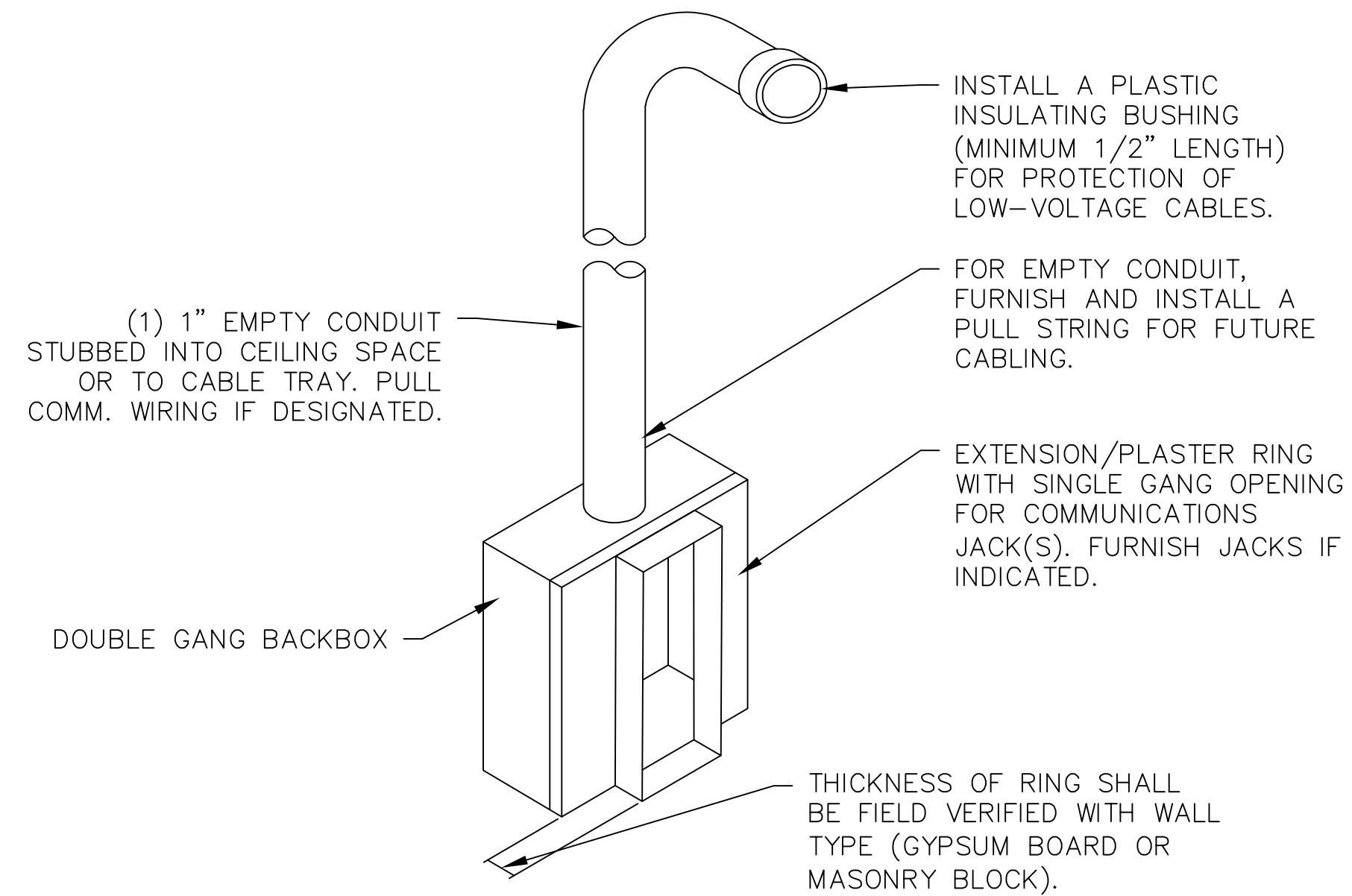


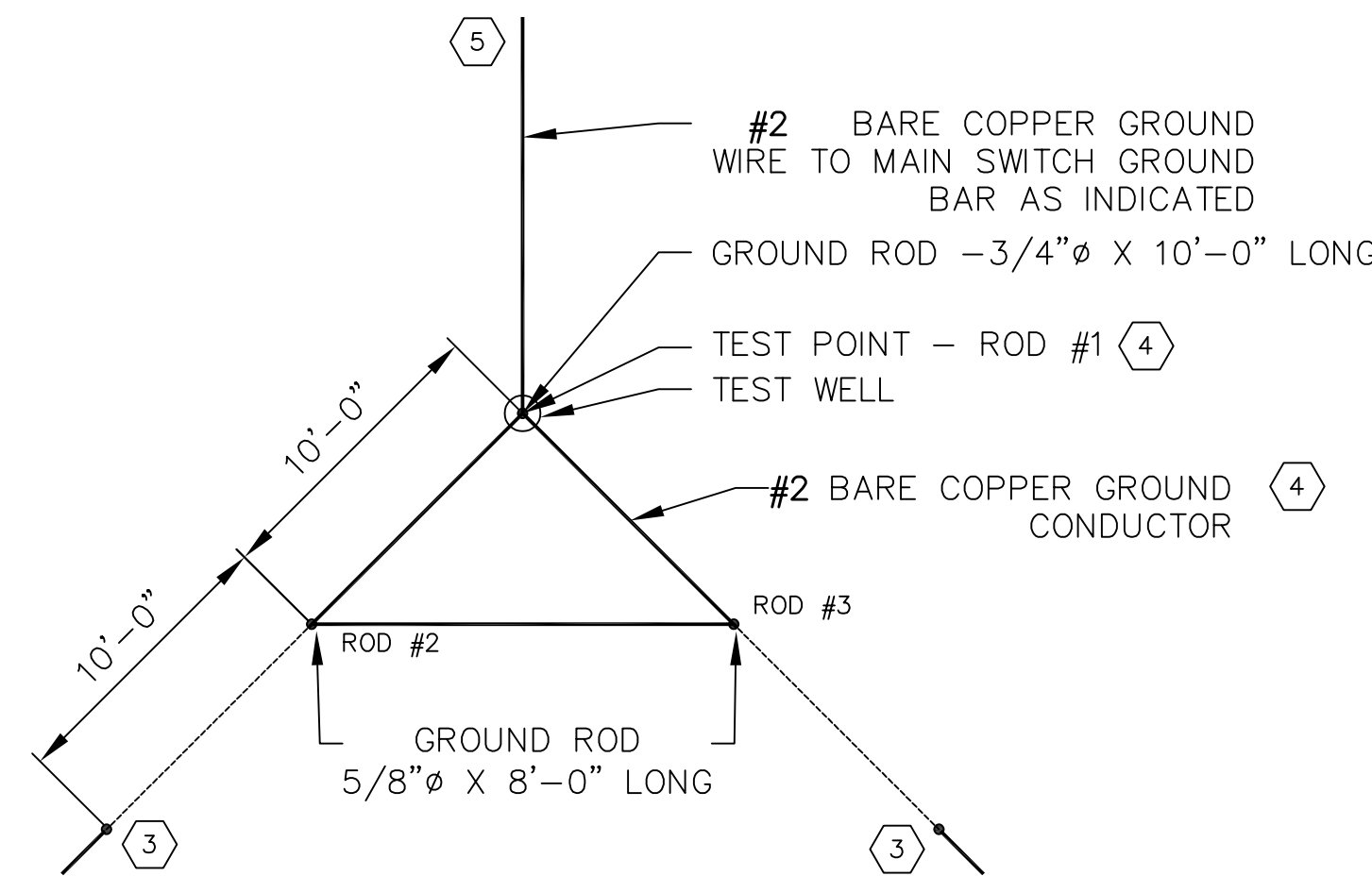
1
E-3 **UNDERGROUND CONDUIT BELOW SURFACE CONCRETE**
SCALE: 1/4"=1'-0"



2
E-3 **UNDERGROUND CONDUIT DETAIL**
SCALE: N.T.S.



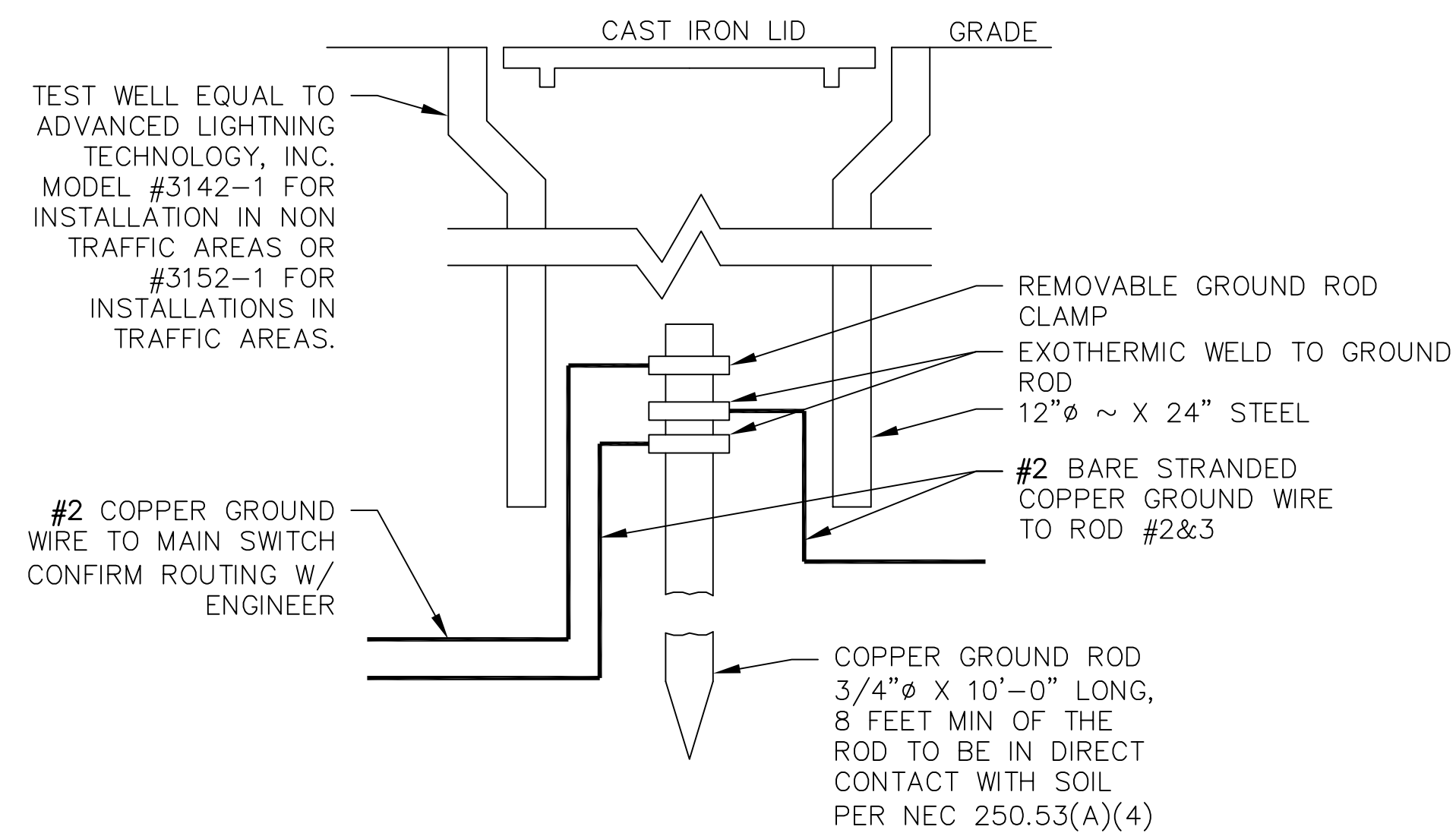
3
E-3 **TELEPHONE/DATA OUTLET DETAIL**
SCALE: N.T.S.



GROUND FIELD KEYED NOTES:

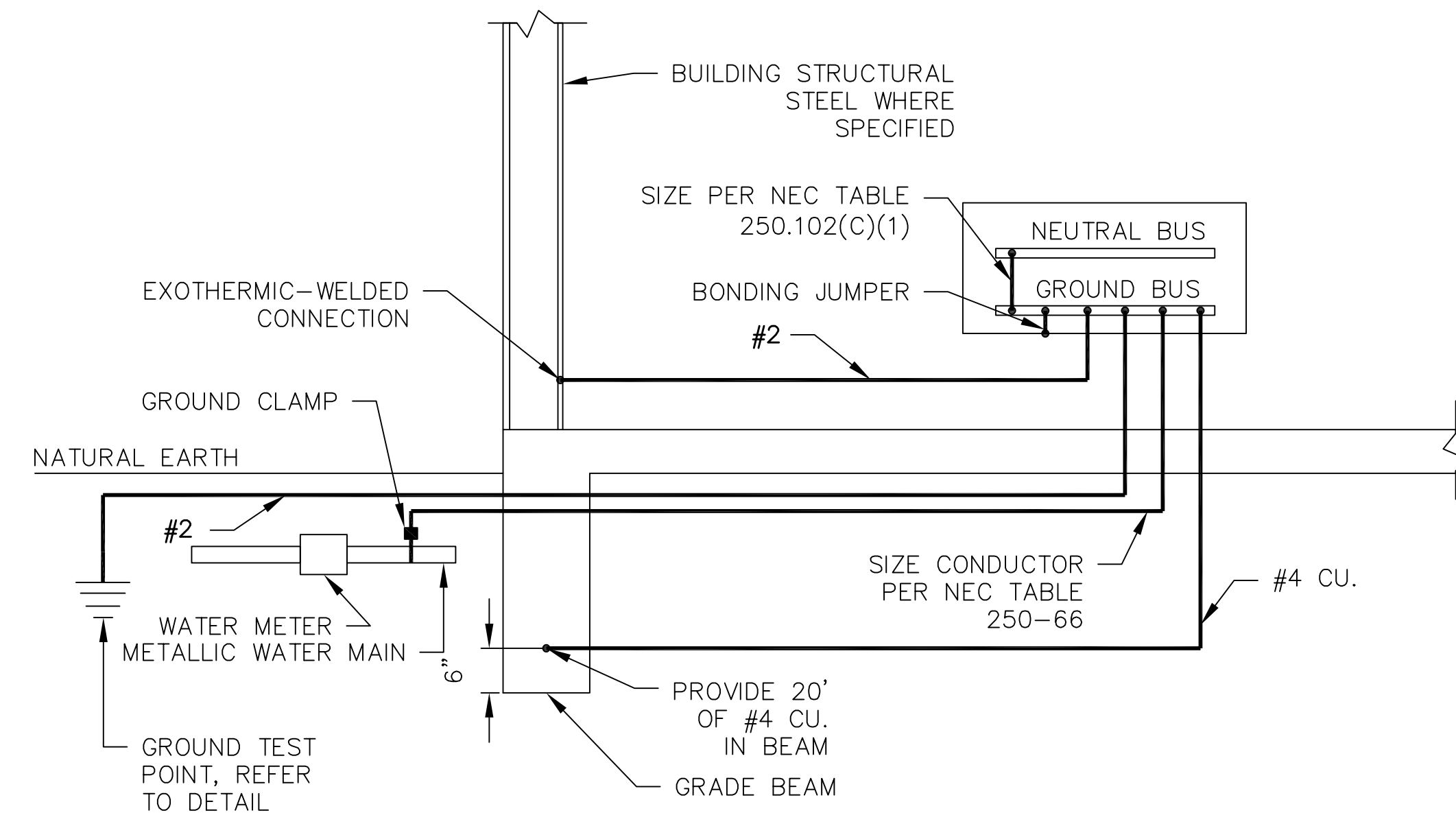
- INITIALLY 3 GROUND RODS SHALL BE DRIVEN.
- A MEGGER TEST SHALL BE PERFORMED AND IF RESISTANCE DOES NOT EXCEED 8 OHMS AS MEASURE AT THE GROUND TEST POINT, THE GROUND FIELD SHALL BE COMPLETED BY CONNECTING RODS #2 & #3.
- SHOULD THE RESISTANCE EXCEED 8 OHMS, ADDITIONAL RODS SHALL BE DRIVEN IN GROUPS OF TWO (2) UNTIL THIS VALUE IS ACHIEVED. UPON REACHING THE ACCEPTED RESISTANCE VALUE, THE GROUND FIELD SHALL BE COMPLETED BY CONNECTING THE LAST TWO (2) RODS INSTALLED AND BACK FILLING.
- MINIMUM DEPTH FOR THE TOPS OF GROUND RODS AND CONDUCTORS SHALL BE 1'-6" BELOW FINISHED GRADE.
- BOND #2 BARE COPPER CONDUCTOR TO GROUND ROD AS INDICATED.

4
E-3 **GROUND FIELD INSTALLATION DETAIL**
SCALE: N.T.S.



NOTE:
CONFIRM LOCATION OF
GROUND FIELD PRIOR TO
INSTALLATION, W/ ENGINEER.

5
E-3 **GROUND TEST POINT**
SCALE: N.T.S.



6
E-3 **SERVICE ENTRANCE GROUNDING ELECTRODE SYSTEM DIAGRAM**
SCALE: N.T.S.

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DATE OF REVISIONS:
 REV 0 IFC 01/22/24

JOB NO. 23C09RAN
 DRAWN BY: PL

SHEET NO. E-3

SE PROJECT NUMBER: 23415

PREPARED BY:

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