

- GENERAL NOTES:**
1. VERIFY UNDERGROUND STRUCTURES AND UTILITIES PRIOR TO BEGINNING WORK.
 2. OUTDOOR EQUIPMENT BOXES, DISCONNECTS, ETC. SHALL HAVE NEMA 3R ENCLOSURES.

- KEYNOTES:** #
- 1 SIDE MOUNTED POWER UNIT. COORDINATE FINAL LOCATION OF POWER UNIT WITH MANUFACTURER/INSTALLER OF COMMERCIAL COMPACTOR.
 - 2 PROVIDE GFI RECEPTACLE IN CAST BOX WITH WEATHER-PROOF COVER.
 - 3 PROVIDE 100A DISCONNECT AT LOCATION NOTED. DISCONNECT TO BE FUSED BASED ON ACTUAL EQUIPMENT NAMEPLATE RATING.
 - 4 PROVIDE 1" C FOR CONTROL WIRING FROM EQUIPMENT TO EQUIPMENT CONTROLLER. VERIFY EXACT LOCATION AND MOUNTING HEIGHT OF EQUIPMENT CONTROLLER WITH OWNER PRIOR TO INSTALLATION.
 - 5 PROVIDE 200A DISCONNECT AT LOCATION NOTED. DISCONNECT TO BE FUSED BASED ON ACTUAL EQUIPMENT NAMEPLATE RATING.
 - 6 PROVIDE 12 POLE LOAD CENTER "S1" FOR RECEPTACLE, LIGHTING, AND OTHER LOADS IN THE PREFABRICATED BUILDING.

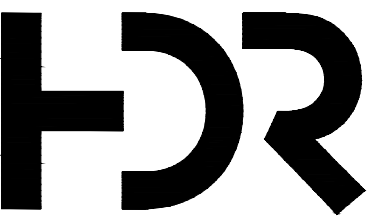
NOTICE TO CONTRACTOR
All construction must comply with current NC Building Codes and is subject to field inspection and verification.

Reviewed for Code Compliance

11/14/2025



SEE NOTES



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Raleigh, NC 27601
919.232.6600

C	10/09/2025	CHANGE ORDER NO. 1
B	05/2024	ISSUED FOR BIDDING
A	11/2022	ISSUED FOR PERMITTING
ISSUE	DATE	DESCRIPTION

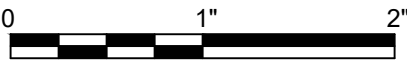
PROJECT MANAGER	J. MURRAY, PE
PROJECT ENGINEER	J. GONZALEZ, PE
DESIGNED BY	L. KOSAKOWSKI
DRAWN BY	J. SPACHER
PROJECT NUMBER	10354679



HARNETT COUNTY
NORTHWEST CONVENIENCE CENTER

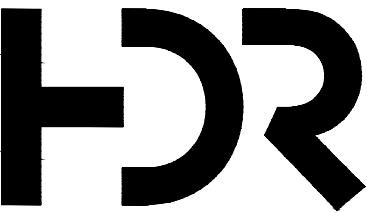
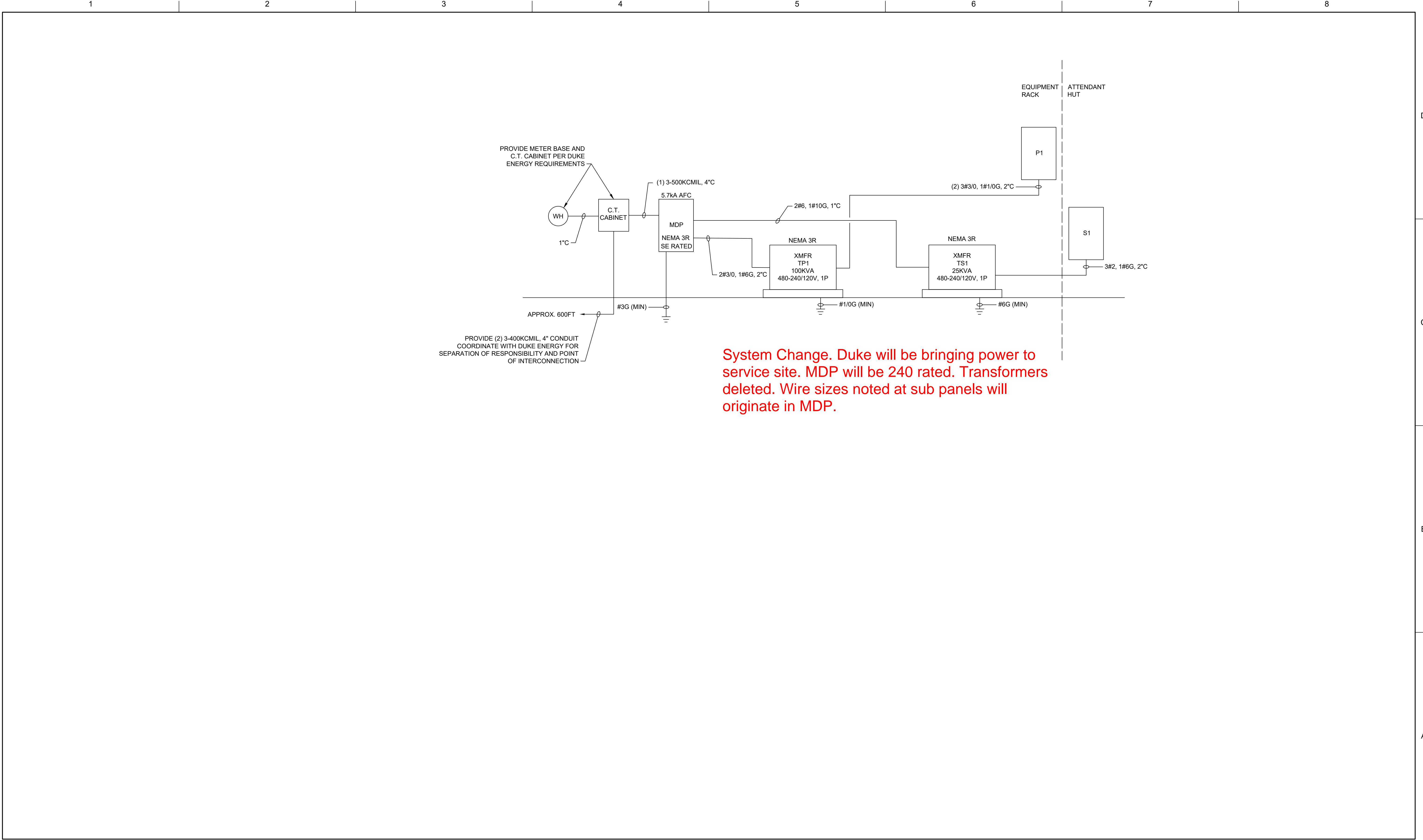
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ELECTRICAL SITE ENLARGED PLAN



FILENAME	00E-05.dwg
SCALE	1" = 10'

SHEET
00E-05



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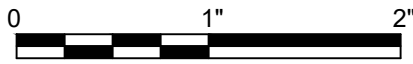
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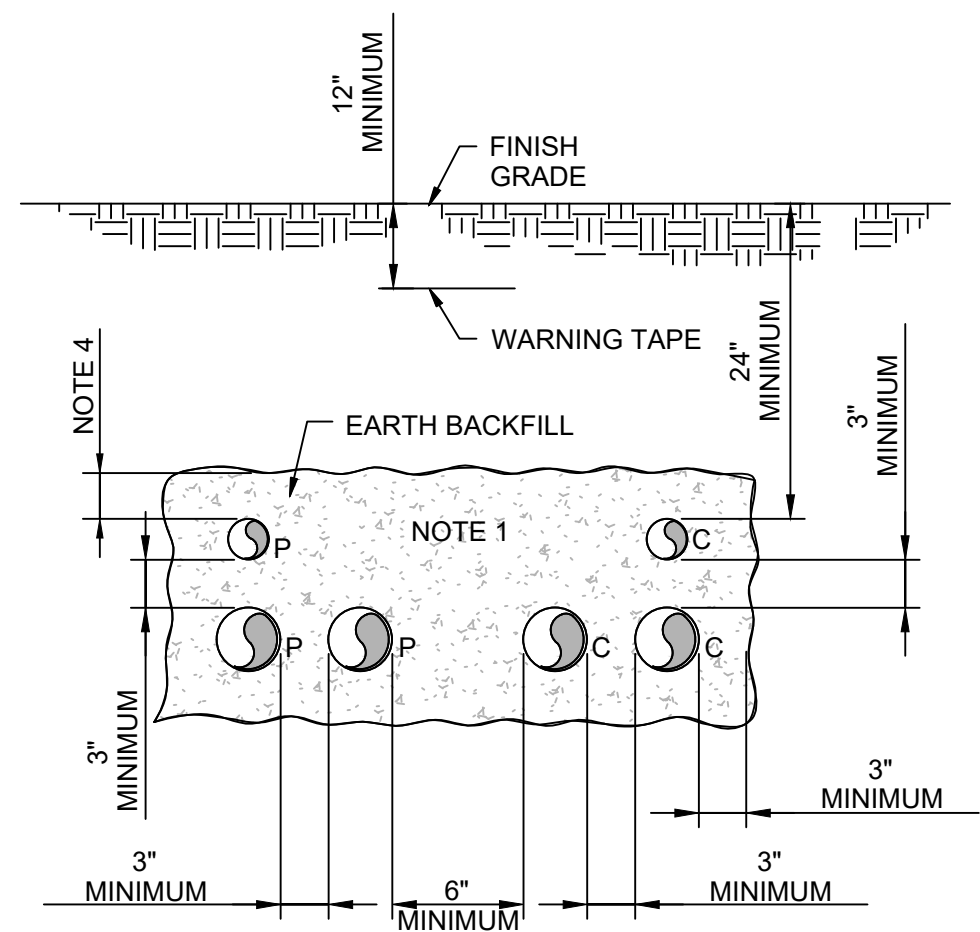
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ELECTRICAL RISER DIAGRAM



FILENAME	00E-06.dwg
SCALE	NONE

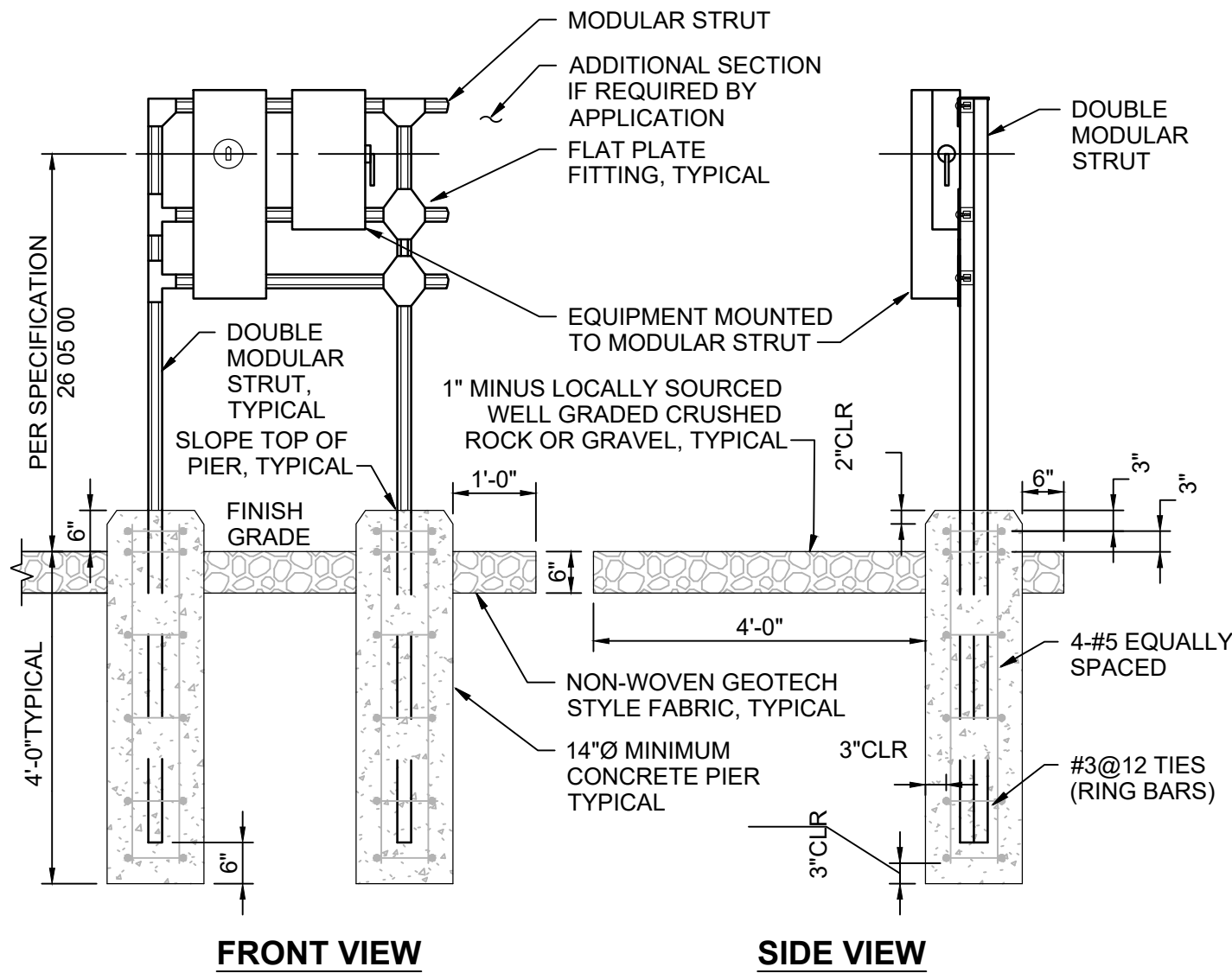
SHEET
00E-06



NOTES THIS SECTION:

1. NUMBER OF CONDUITS AS REQUIRED FOR THE APPLICATION.
2. P SUBSCRIPT ELECTRICAL POWER OR CONTROL CONDUIT.
3. C SUBSCRIPT COMMUNICATION (TELEPHONE, DATA, INSTRUMENTATION CONDUIT).

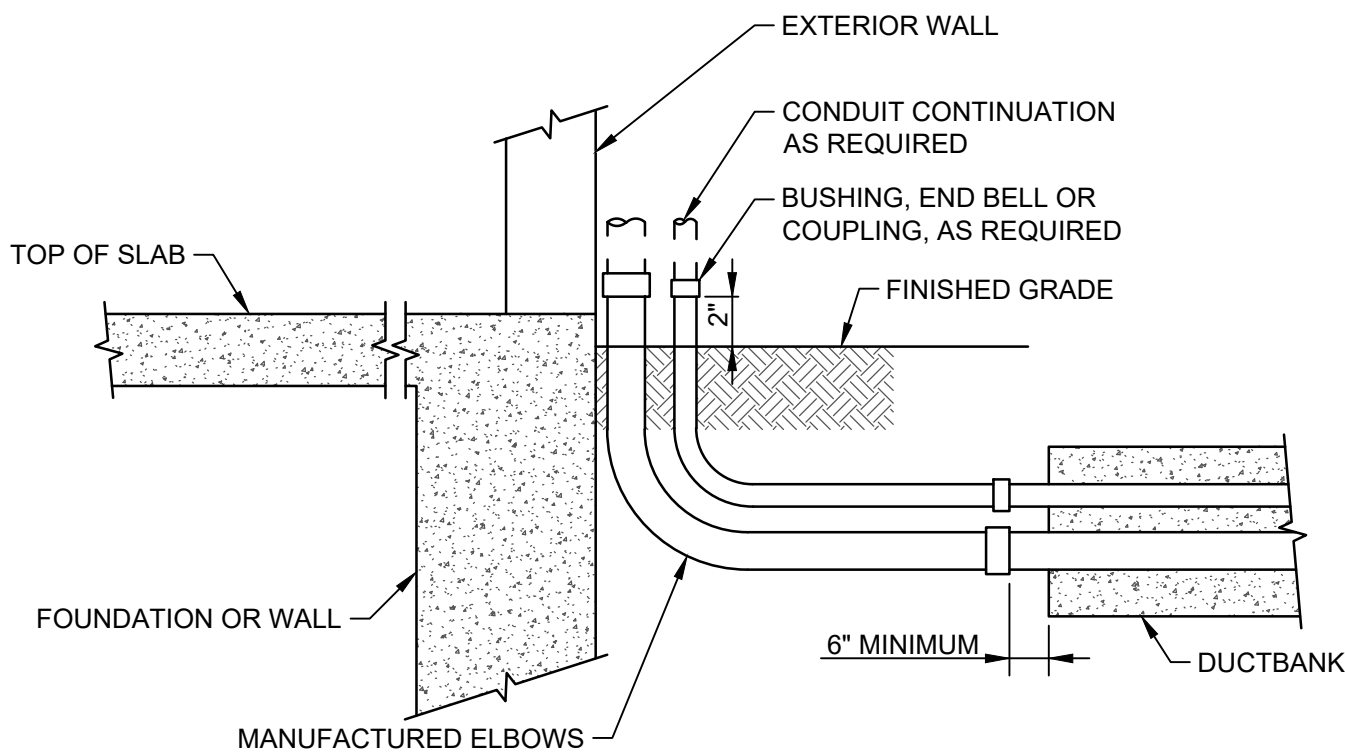
1
-
CONDUIT DUCTBANK SECTION
DIRECT BURIED
NOT TO SCALE



NOTES THIS DETAIL:

1. COMBINED EQUIPMENT LOADS PER 36\"/>
2. MODULAR STRUCT WIDTH: 1 5/8\"/>
3. RACK ASSEMBLY MATERIAL: GALVANIZED PER SPECIFICATION SECTION 26.
4. REPAIR CUT ENDS AND DAMAGED SURFACES IN ACCORDANCE WITH SPECIFICATION SECTION 05.

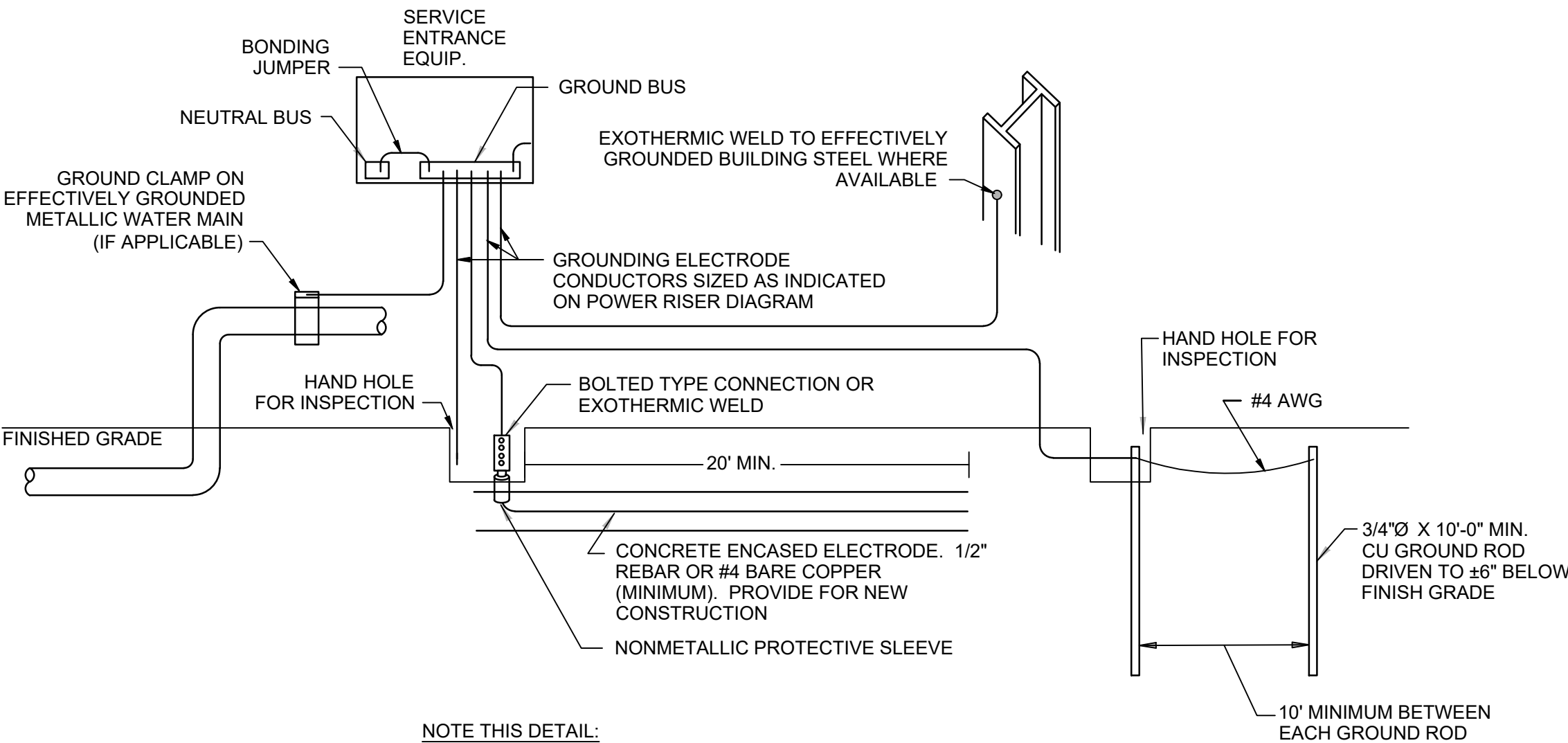
2
-
MODULAR EQUIPMENT RACK DETAIL
(MOUNTING ON EMBEDDED POSTS)
NOT TO SCALE



NOTE THIS DETAIL:

1. SEE DUCTBANK DETAIL FOR ADDITIONAL REQUIREMENTS.

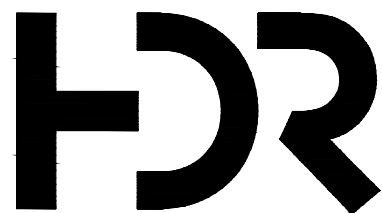
3
-
CONCRETE TRANSITION TO ABOVE GRADE
(EXTERIOR TO EXTERIOR) DETAIL
NOT TO SCALE



NOTE THIS DETAIL:

1. GROUNDING ELECTRODES SHALL BE PROVIDED IN ACCORDANCE WITH NEC SECTION 250. ALL GROUNDING ELECTRODE CONDUCTORS SIZED AS INDICATED ON POWER RISER DIAGRAM. ALL METHODS OF CREATING THE GROUNDING SYSTEM MAY NOT BE REQUIRED OR AVAILABLE.

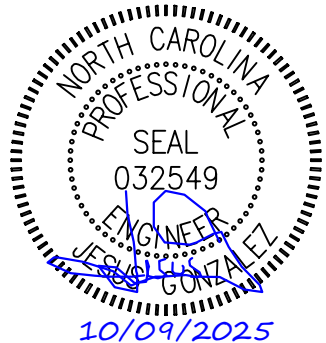
4
-
SERVICE GROUND DETAIL
NOT TO SCALE



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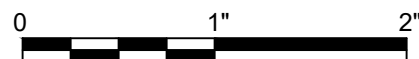
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HARNETT COUNTY
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ELECTRICAL DETAILS



FILENAME | 00E-08.dwg
SCALE | NOT TO SCALE

SHEET
00E-08