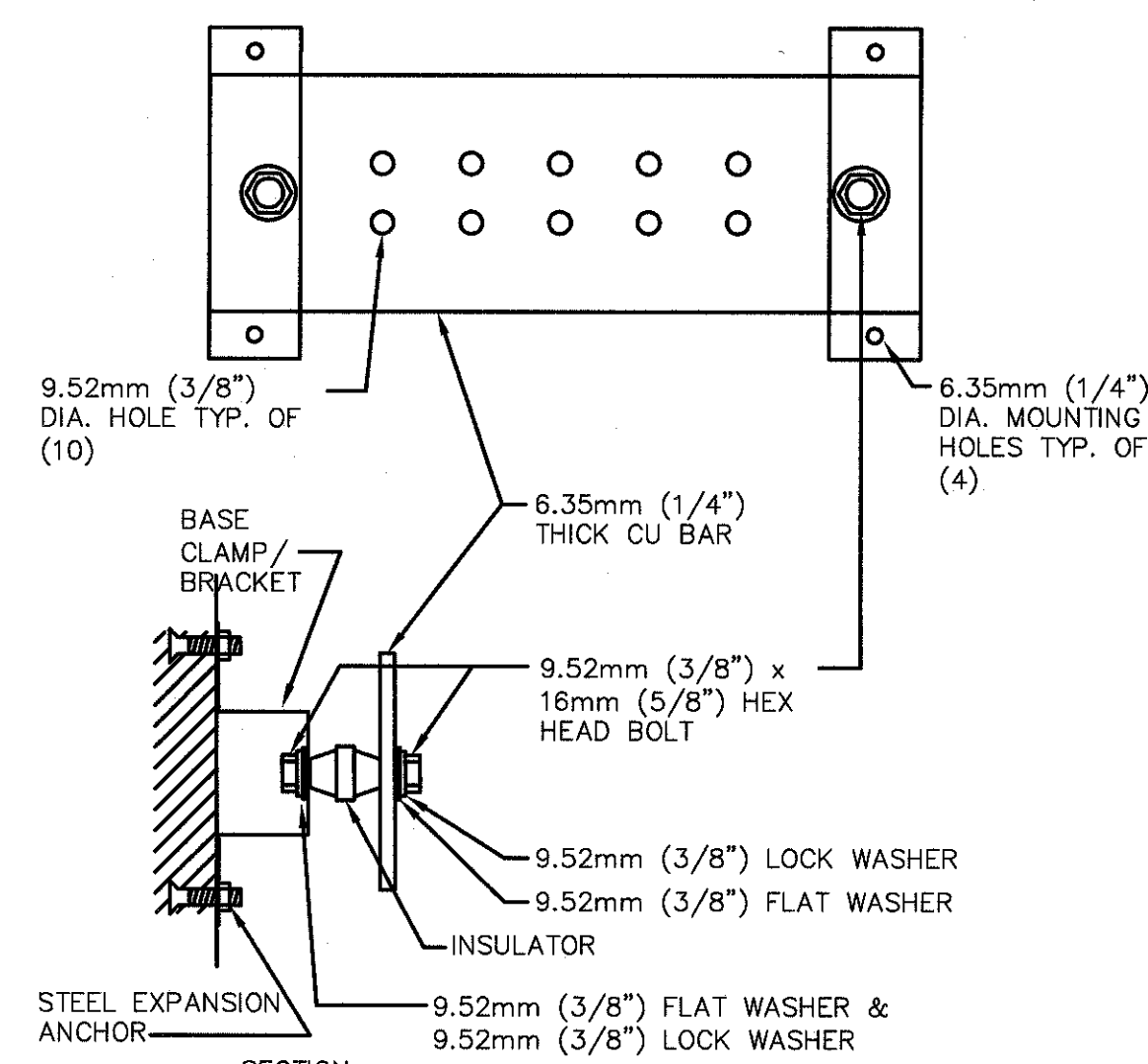


GENERAL SYSTEMS PLAN NOTES

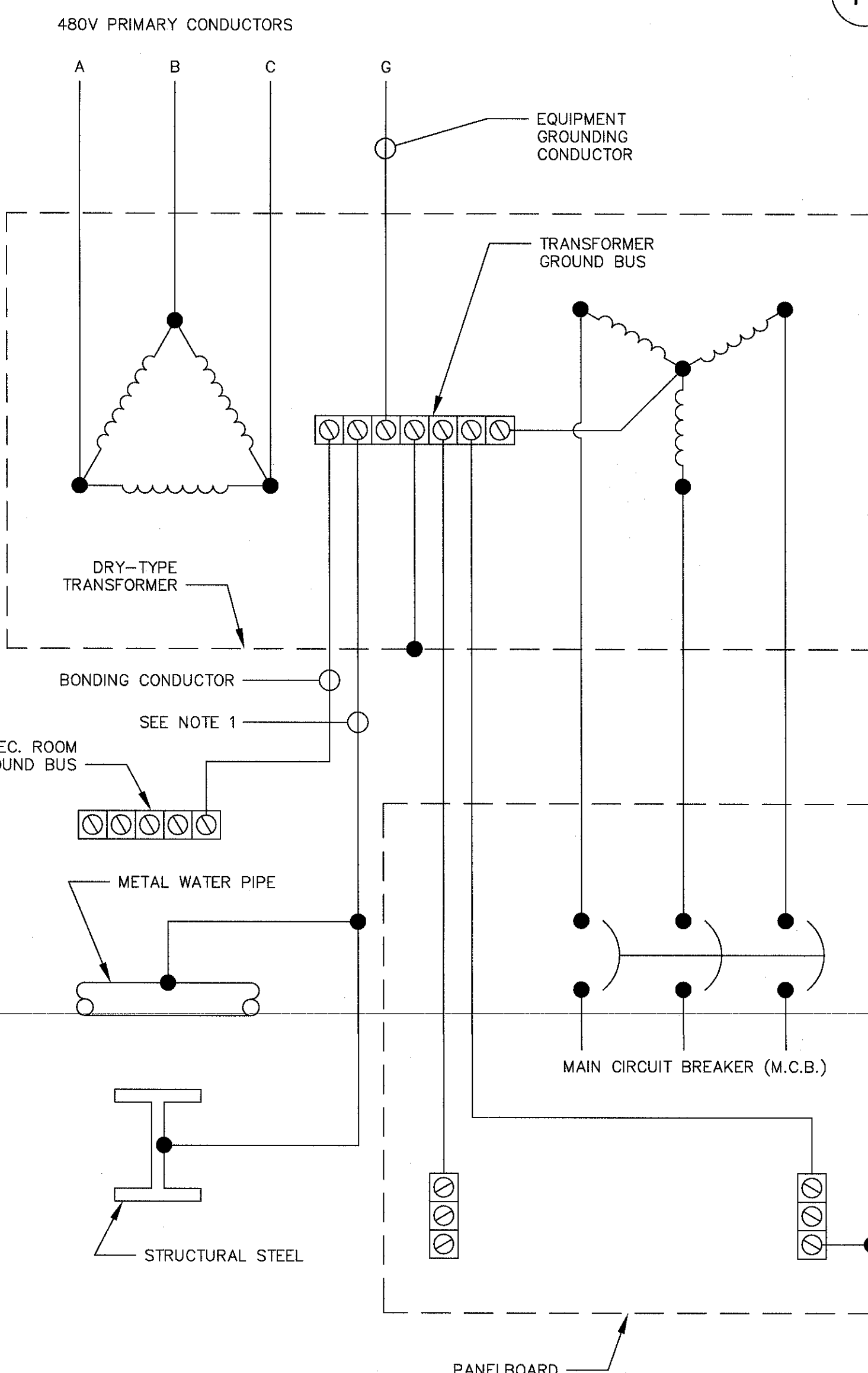
- REFER TO E-001 FOR ELECTRICAL LEGEND, GENERAL NOTES, AND ABBREVIATIONS.
- REFER TO SHEET ES102 FOR LOCATION OF EXTERIOR MOUNTED TRANSFORMER.



GENERAL NOTES:

- ALL HARDWARE SHALL BE STAINLESS STEEL.
- PROVIDE 1 MOUNTING POINT PER 305mm (12\") OF BAR LENGTH.
- HOLES MAY BE ADDED IF REQUIRED.

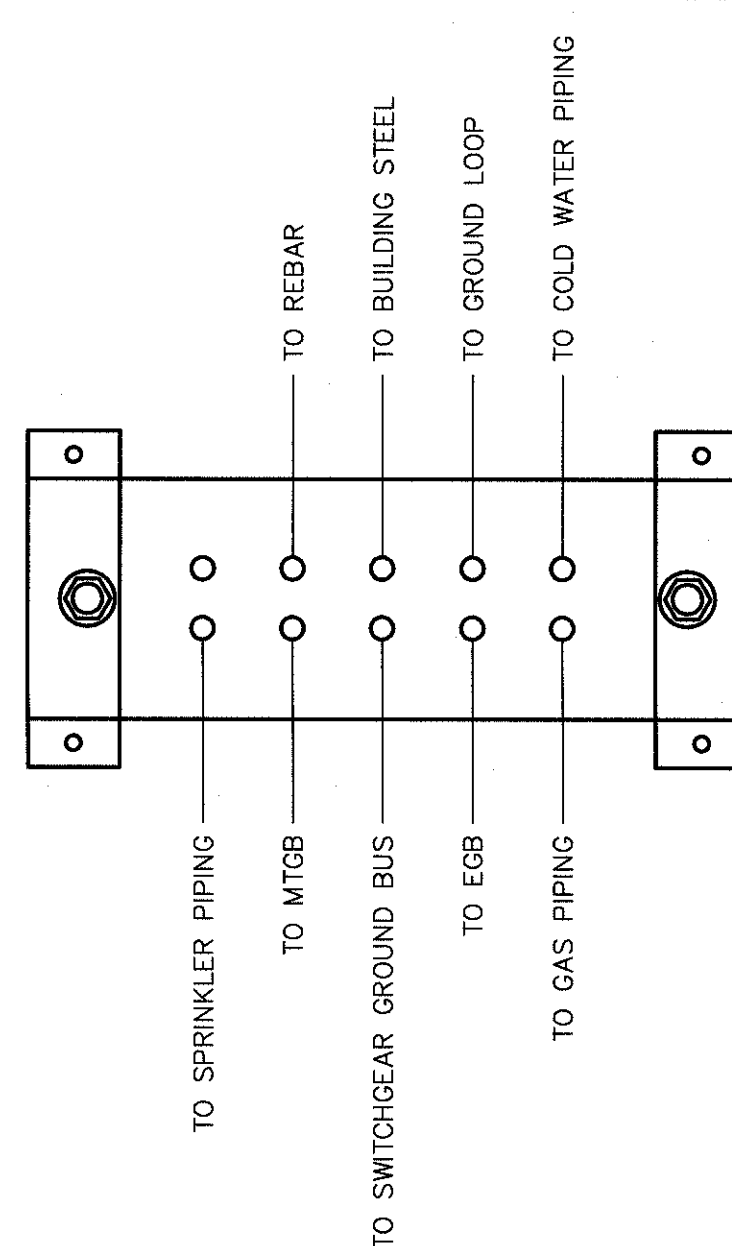
D1 GROUNDING BAR DETAIL



NOTES

- SEPARATELY DERIVED AC SYSTEM GROUNDING ELECTRODE CONDUCTOR IN CONDUIT, SIZED IN ACCORDANCE WITH N.E.C. ARTICLE 250. BOND TO ALL GROUNDING ELECTRODES (ELECTRICAL GROUND BUS, METAL WATER PIPE, STRUCTURAL STEEL,) IN AREA.
- ALL GROUNDED CONDUCTORS SHALL BE SIZED IN ACCORDANCE WITH FEEDER SCHEDULE FOR THE DERIVED PHASE CONDUCTORS

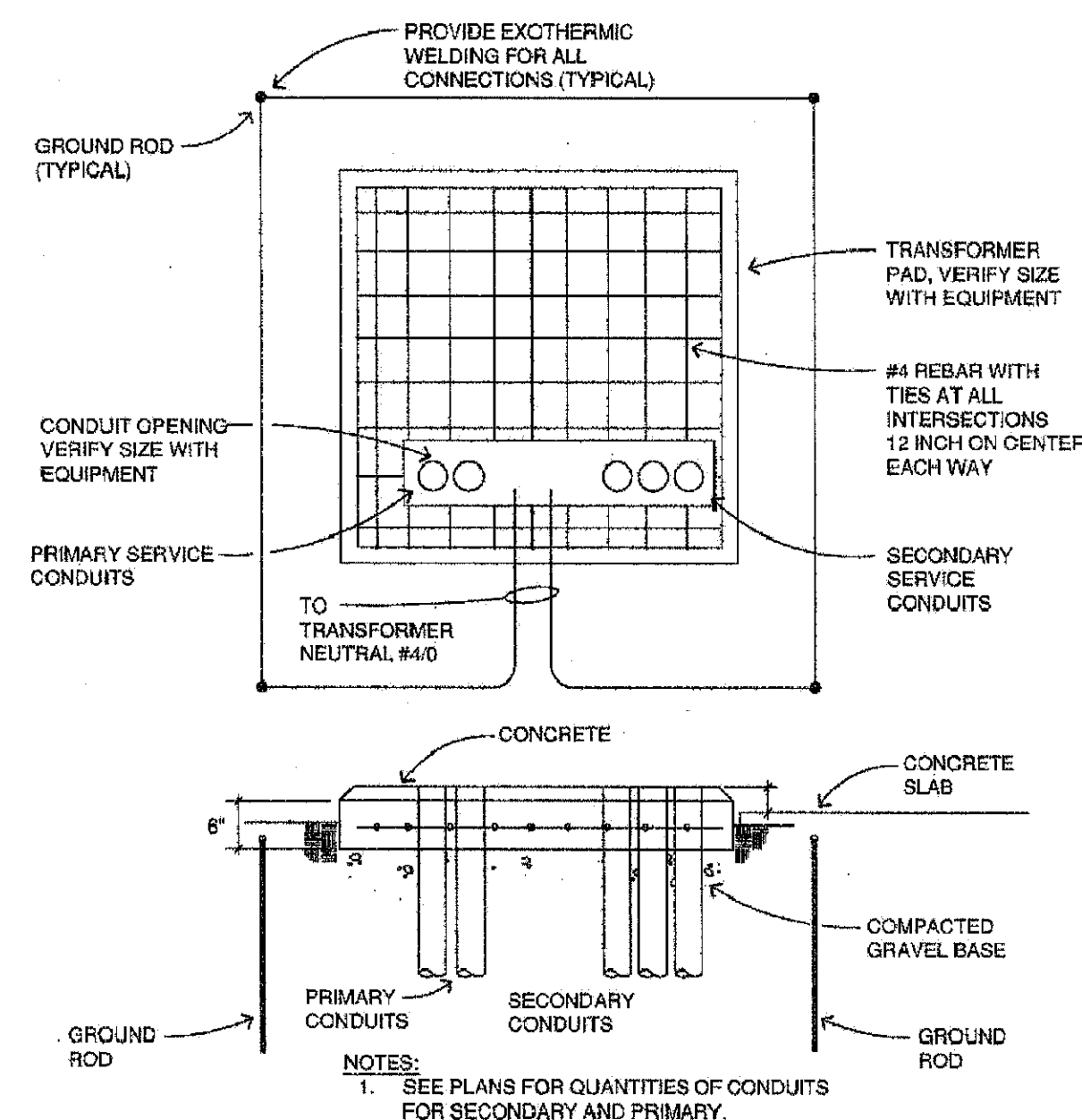
D2 TYPICAL 480V-208Y/120 DRY TYPE TRANSFORMER GROUNDING DETAIL



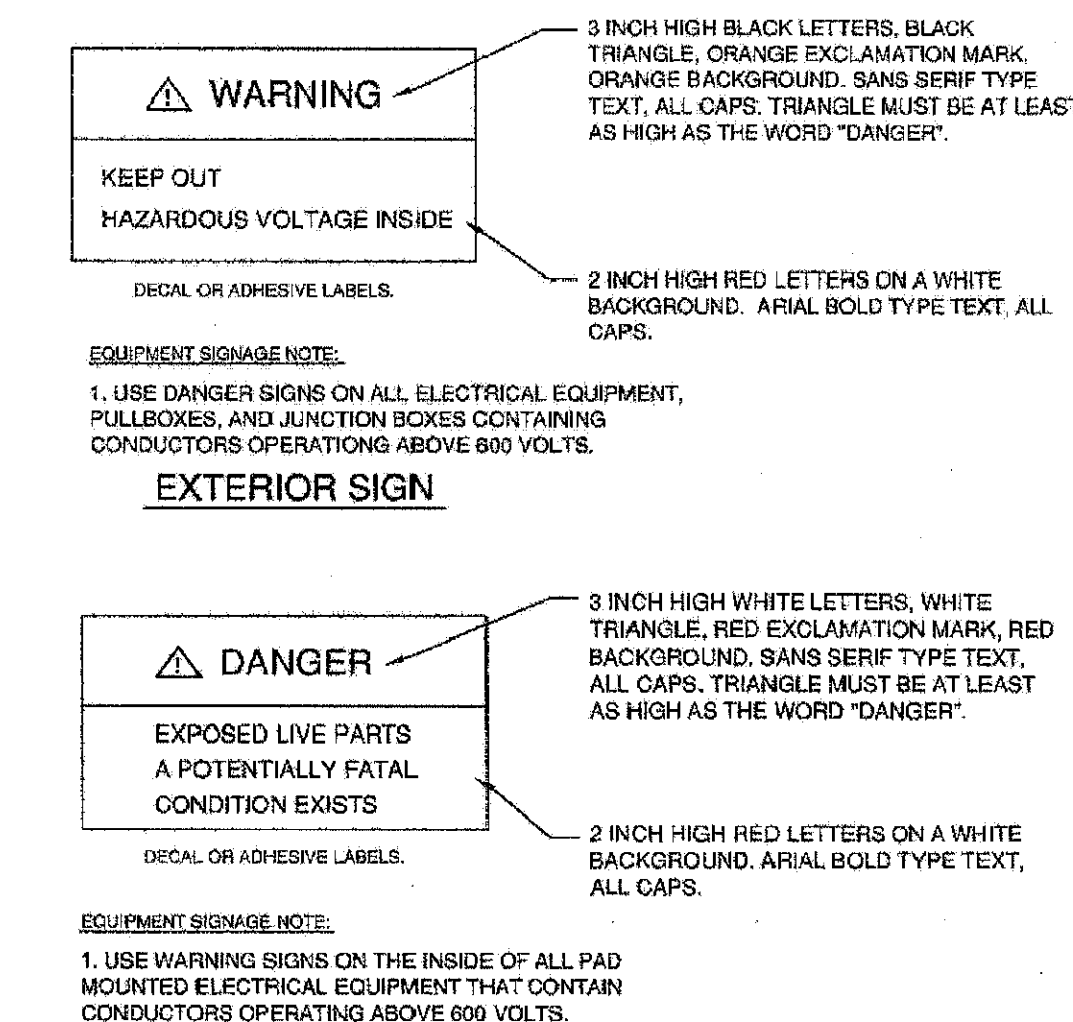
NOTES

- ALL GROUNDING CONNECTIONS SHALL BE IN CONFORMANCE WITH NEC 250
- PROVIDE QUANTITY OF PREDRILLED STANDARD NEMA BOLT HOLES SIZED AND SPACED AS REQUIRED FOR ALL REQUIRED CONNECTIONS
- FOR ALL ADDITIONAL CONNECTION REQUIREMENTS REFER TO SPEC SECTION 260526

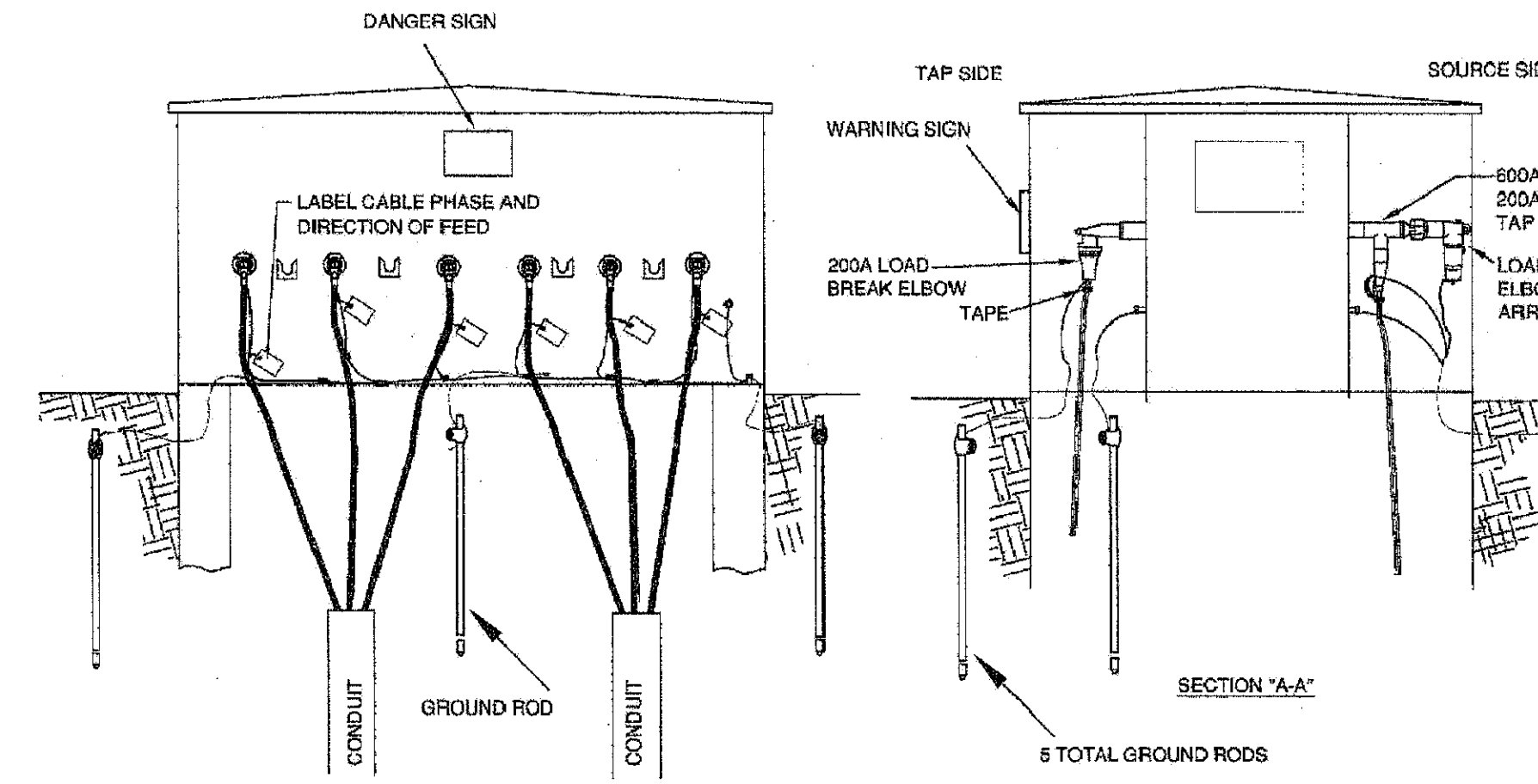
F1 MAIN ELECTRICAL GROUND BUS CONNECTIONS



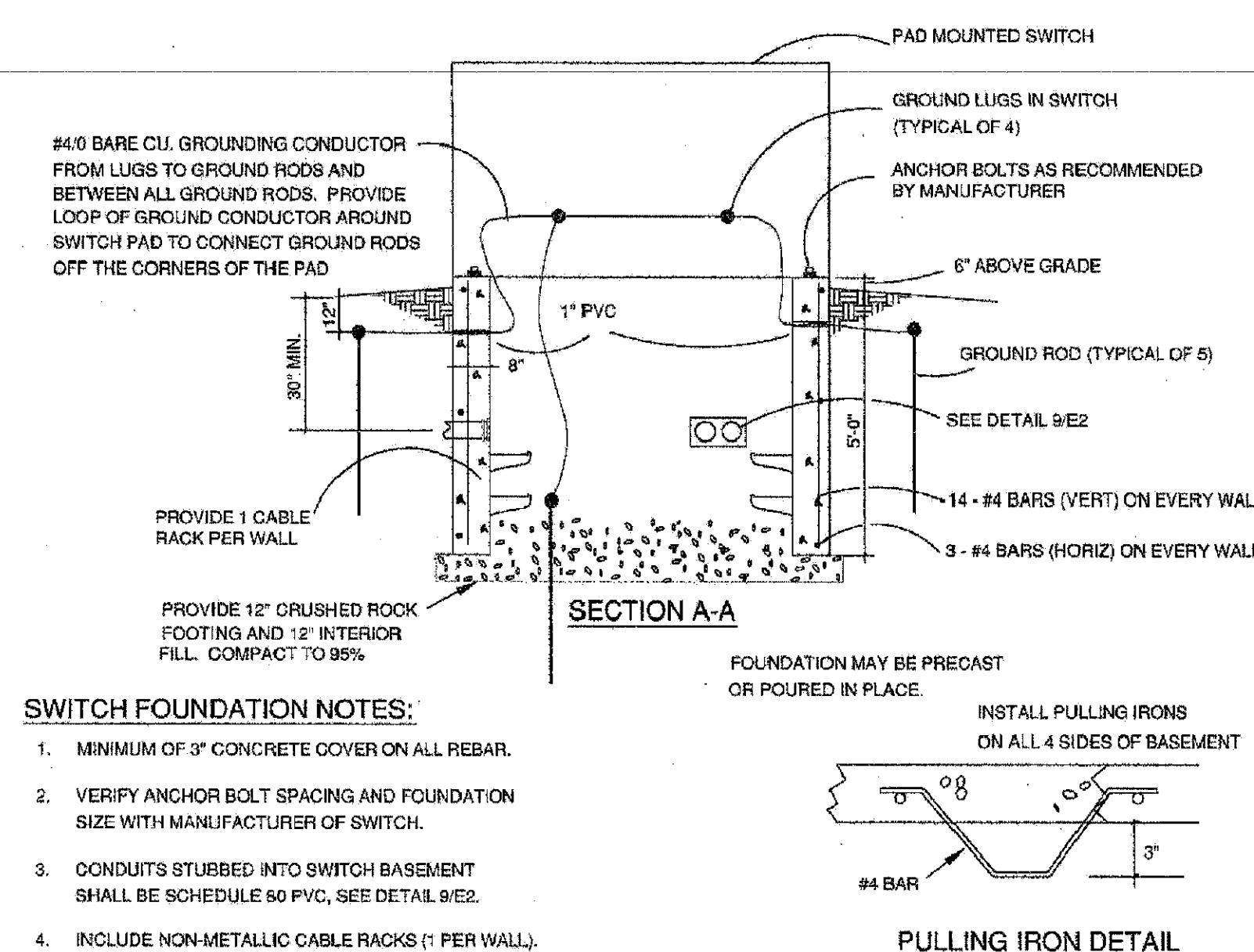
E2 PAD MOUNTED TRANSFORMER GROUNDING DETAIL



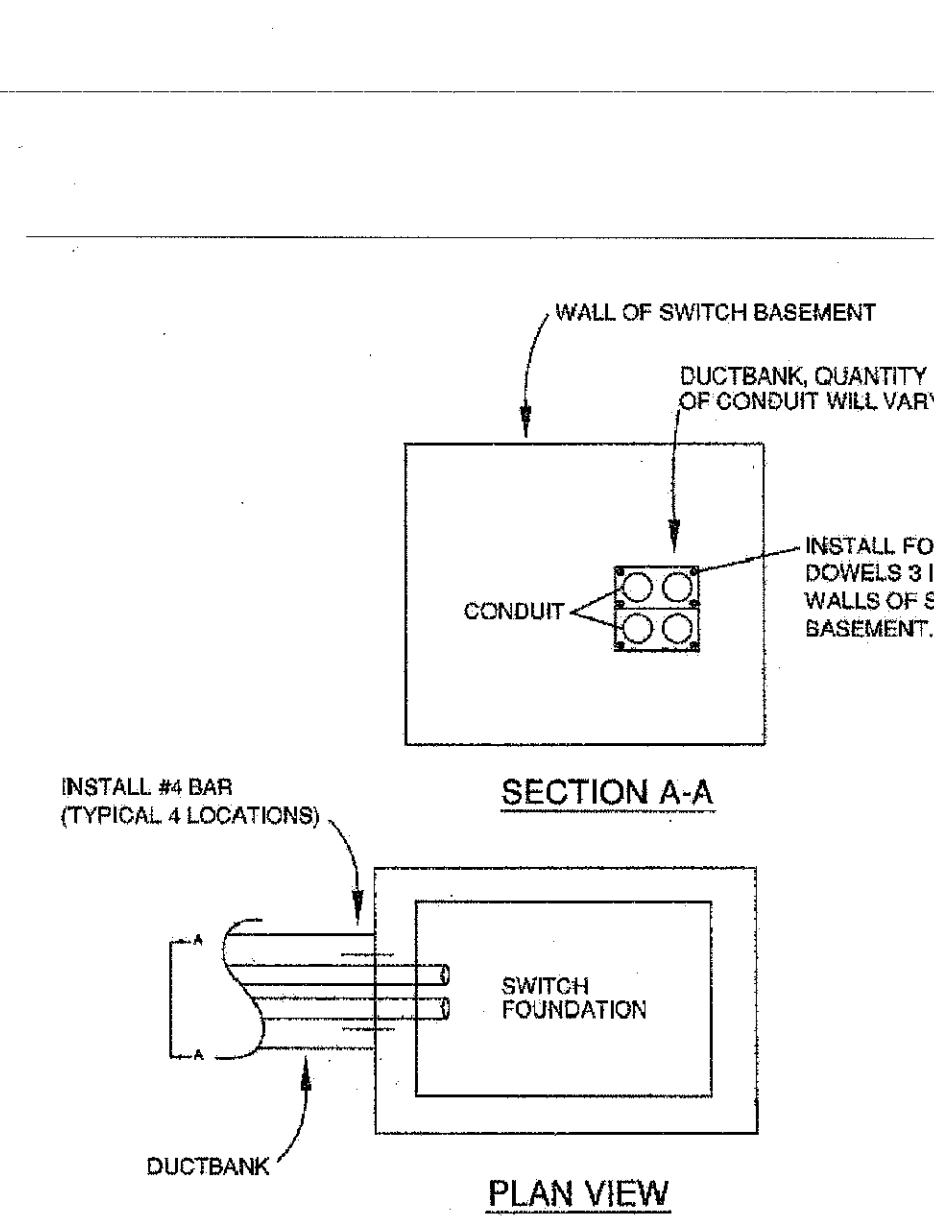
E4 TRANSFORMER SIGNAGE DETAIL



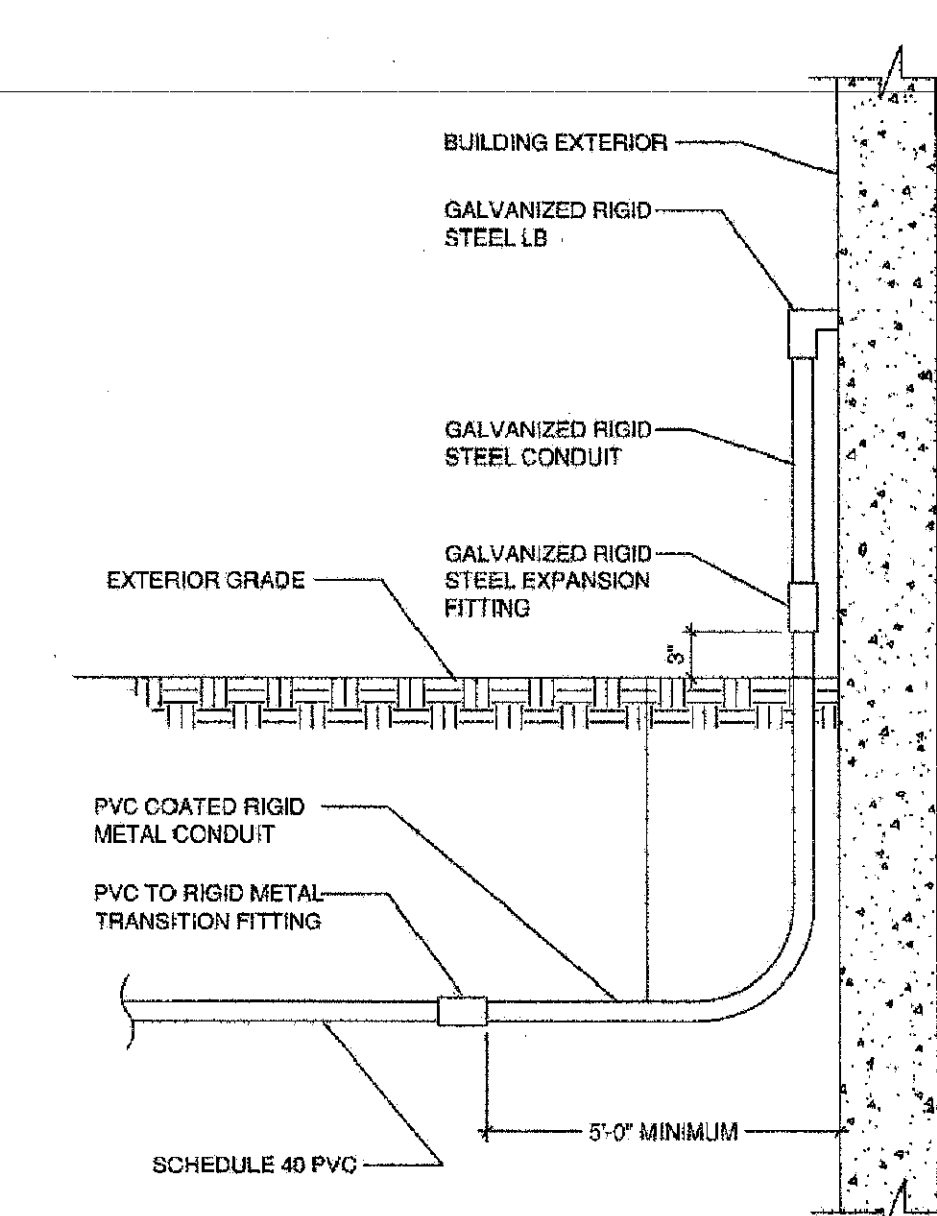
E6 PAD MOUNTED SWITCH DETAIL



F3 SWITCH FOUNDATION DETAIL



F6 CONDUIT STUB DETAIL



F7 EXTERIOR BRANCH CIRCUIT CONDUIT BUILDING ENTRANCE DETAIL

BID DOCUMENTS FOR CONSTRUCTION

CONSULTANTS: 		ARCHITECT/ENGINEERS: <div style="text-align: center;"> paradigm Architecture Engineering Design-Build 200 Erway Circle #201, Louisville KY 40299 - PH: 502.339.8511 - www.paradigmusa.com </div>		Drawing Title: TRANSFORMER DETAILS		Project Title: IMPROVE CAMPUS ACCESS AND SECURITY		Project Number: 552-16-101		Office of Construction and Facilities Management	
Revisions: 		Date: 		Approved Project Director: 		Location: DAYTON VA MEDICAL CENTER 400 W. THIRD STREET, DAYTON, OH 45428-0000		Building Number: -		Drawing Number: EP501	
Date: 04-07-2017		Checked: WLM		Drawn: MMF		Date: 04-07-2017		Checked: WLM		Drawn: MMF	