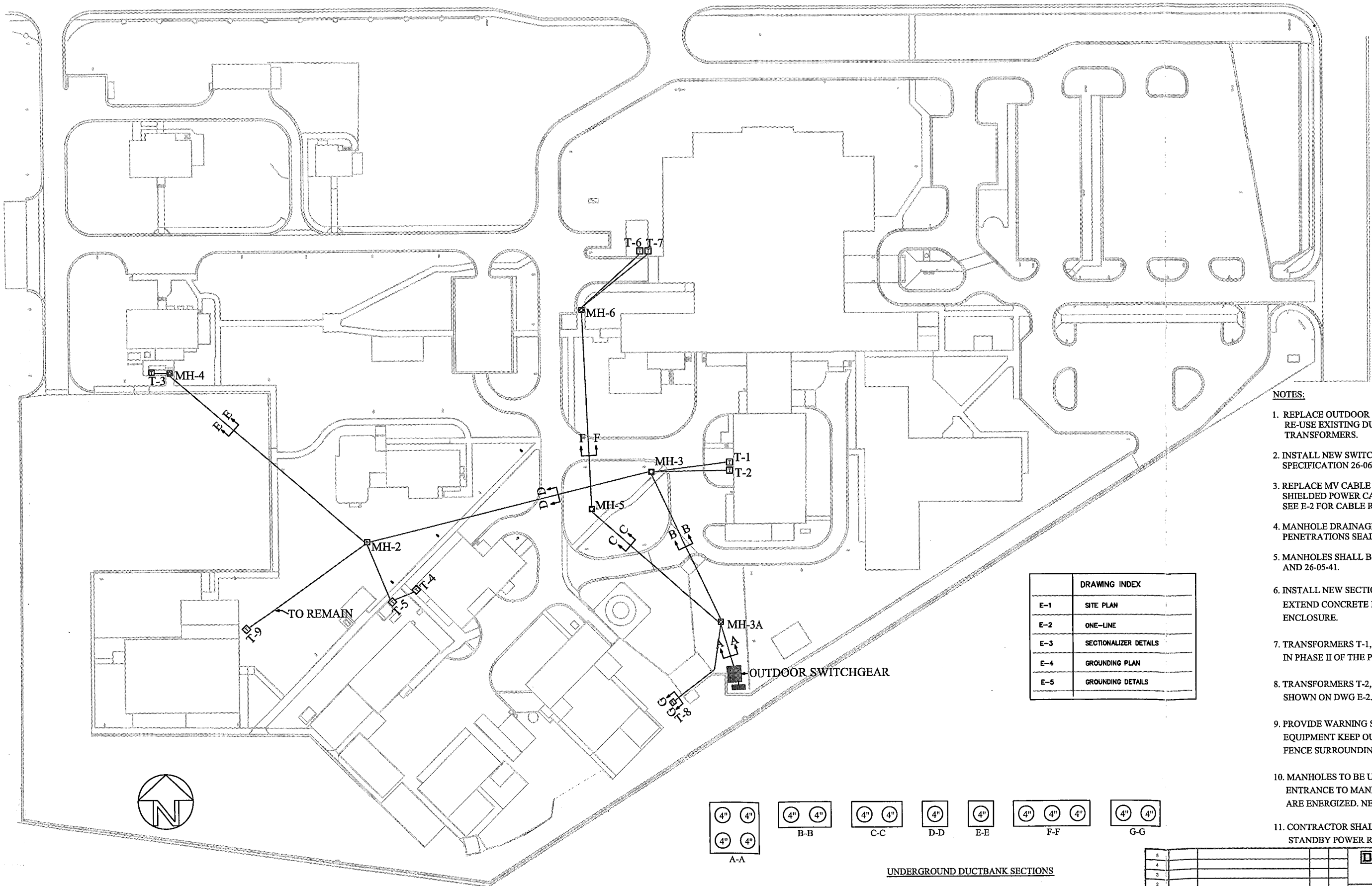


VETERANS AFFAIRS MEDICAL CENTER, GRAND JUNCTION, CO
PROJECT # 575-09-105 REPLACE MV DISTRIBUTION




1. REPLACE OUTDOOR SWITCHGEAR IN EXISTING LOCATION. RE-USE EXISTING DUCTBANK TO RE-FEED DISTRIBUTION TRANSFORMERS.
2. INSTALL NEW SWITCHGEAR GROUND LOOP PER E-3 AND SPECIFICATION 26-06-26.
3. REPLACE MV CABLE WITH OKONITE 15KV, 1/0, TYPE MV-905 SHIELDED POWER CABLE CAT. NO. 115-23-3115 OR EQUAL. SEE E-2 FOR CABLE ROUTING.
4. MANHOLE DRAINAGE SYSTEMS SHALL BE MAINTAINED AND PENETRATIONS SEALED PRIOR TO PULLING NEW CABLES.
5. MANHOLES SHALL BE GROUNDED PER SPECIFICATION 26-06-26 AND 26-05-41.
6. INSTALL NEW SECTIONALIZER AT MANHOLE 2 PER DWG E-3. EXTEND CONCRETE PAD TO ACCOMMODATE SECTIONALIZER ENCLOSURE.
7. TRANSFORMERS T-1, T-2, T-3, T-5, TO BE REPLACED IN PHASE II OF THE PROJECT.
8. TRANSFORMERS T-2, T-4, AND T-7 SHALL BE LOOP-FED AS SHOWN ON DWG E-2.
9. PROVIDE WARNING SIGNS "DANGER HIGH VOLTAGE EQUIPMENT KEEP OUT" SIGNS TO BE MOUNTED ON FENCE SURROUNDING THE OUTDOOR SWITCHGEAR.
10. MANHOLES TO BE USED FOR PULLING CABLES ONLY. ENTRANCE TO MANHOLES PROHIBITED WHILE CABLES ARE ENERGIZED. NEC-110.70 AND 110.75.
11. CONTRACTOR SHALL COORDINATE ALL OUTAGES AND STANDBY POWER REQUIREMENTS.

	DRAWING INDEX
E-1	SITE PLAN
E-2	ONE-LINE
E-3	SECTIONALIZER DETAILS
E-4	GROUNDING PLAN
E-5	GROUNDING DETAILS

Diagram illustrating the arrangement of four 4-inch square panels (A-A, B-B, C-C, D-D, E-E, F-F, and G-G) showing the layout of 4-inch square panels and the resulting 4-inch square panels.

UNDERGROUND DUCTBANK SECTIONS

5						 SQUARE D <small>AN ELECTRIC BRAND OF SCHNEIDER ELECTRIC</small> by Schneider Electric	Square D Engineering Services SUITE 100 501 S. CHERRY ST DENVER, CO 80246		
4									
3									
2									
1									
-									
	12/09/09	SITE PLAN		RAY	CG	TITLE	VAMC GRAND JUNCTION, CO	SITE PLAN	27214293-E-1
REV	DATE	DESCRIPTION	BY	CHKD					

