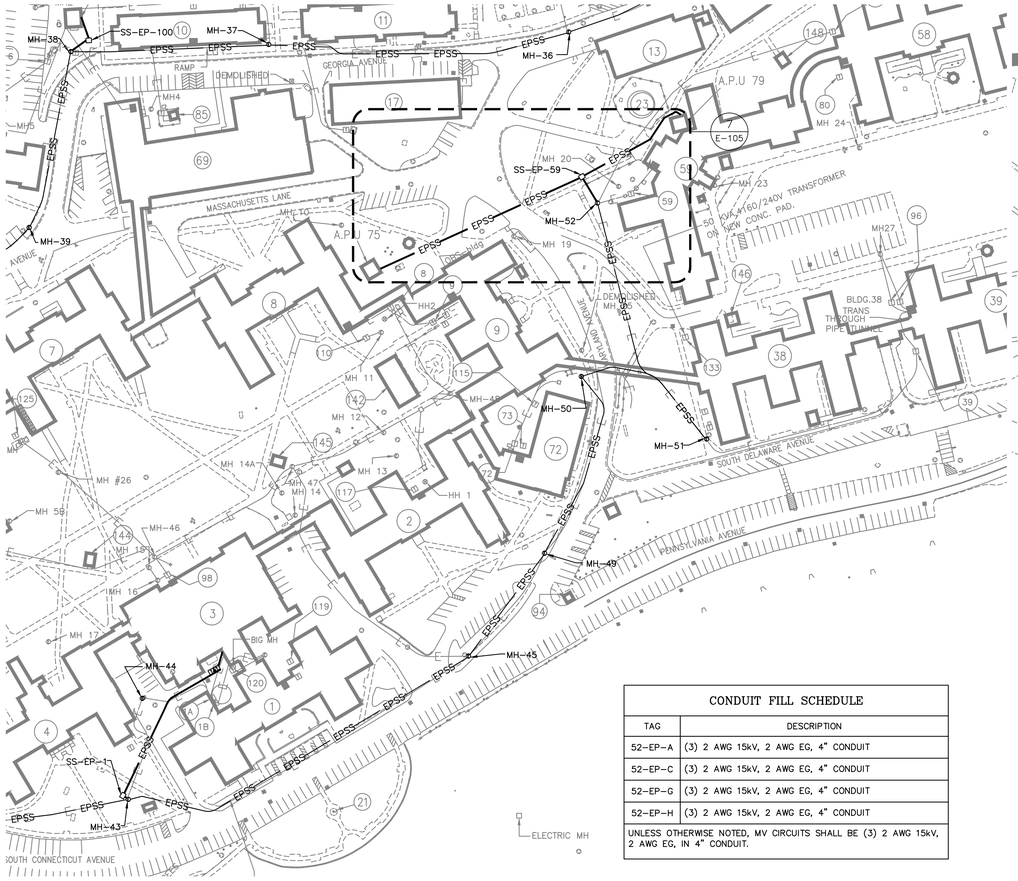
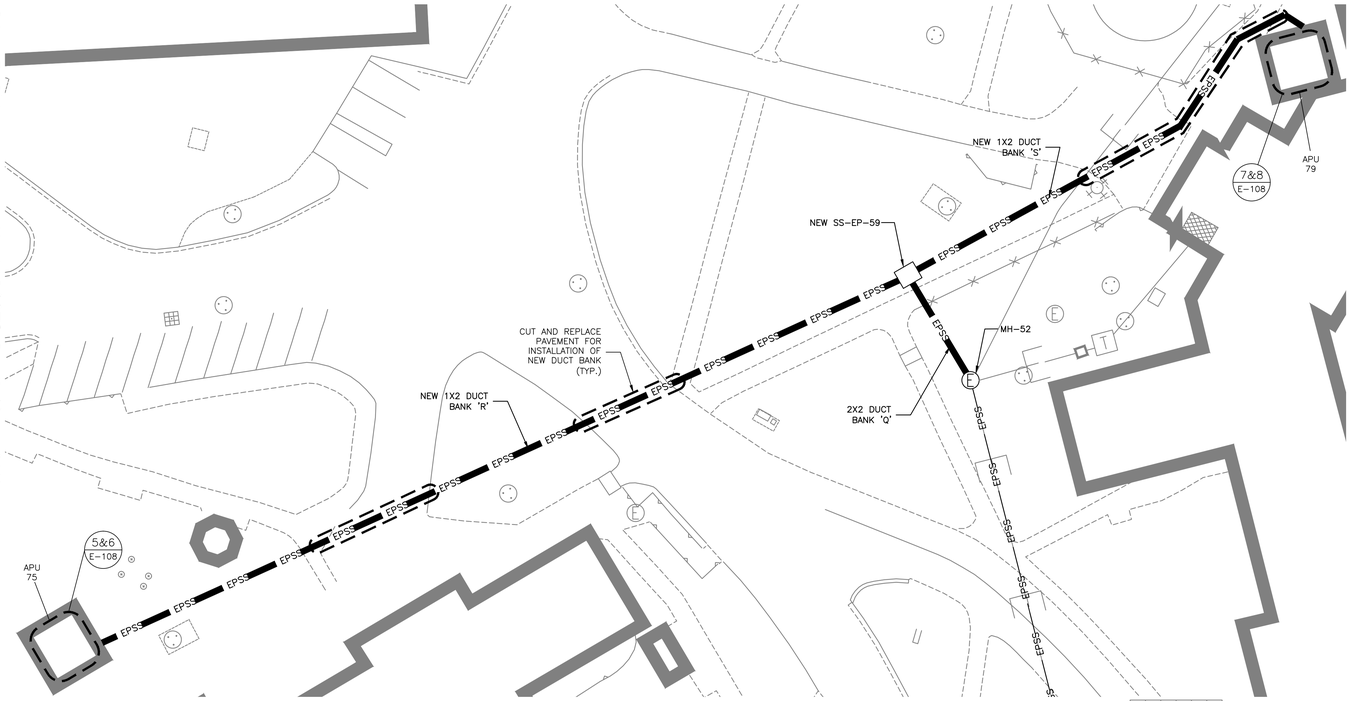


CONDUIT FILL SCHEDULE	
TAG	DESCRIPTION
52-EP-A	(3) 2 AWG 15kV, 2 AWG EG, 4" CONDUIT
52-EP-C	(3) 2 AWG 15kV, 2 AWG EG, 4" CONDUIT
52-EP-G	(3) 2 AWG 15kV, 2 AWG EG, 4" CONDUIT
52-EP-H	(3) 2 AWG 15kV, 2 AWG EG, 4" CONDUIT
UNLESS OTHERWISE NOTED, MV CIRCUITS SHALL BE (3) 2 AWG 15kV, 2 AWG EG, IN 4" CONDUIT.	

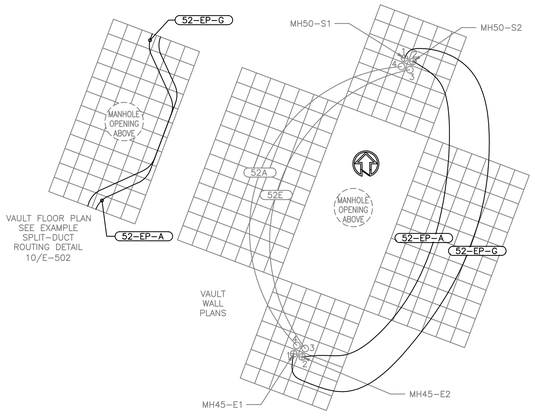
1 E-105 EPSS MV ROUTING PLAN - SOUTH QUADRANT

SCALE: 1" = 80'-0"



7 E-105 EPSS MV SS-EP-59

SCALE: 1" = 20'



3 E-105 MH 49 VAULT DETAIL

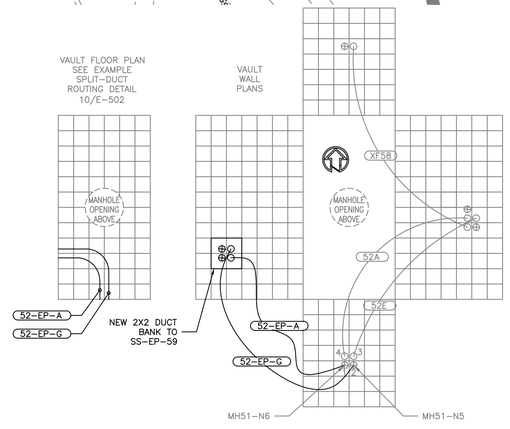
SCALE: 1/4" = 1'-0"

NOTE:

1. SEE MEDIUM VOLTAGE CABLE INSTALLATION, UNDERGROUND ELECTRICAL, AND RACEWAY NOTES ON E-102.

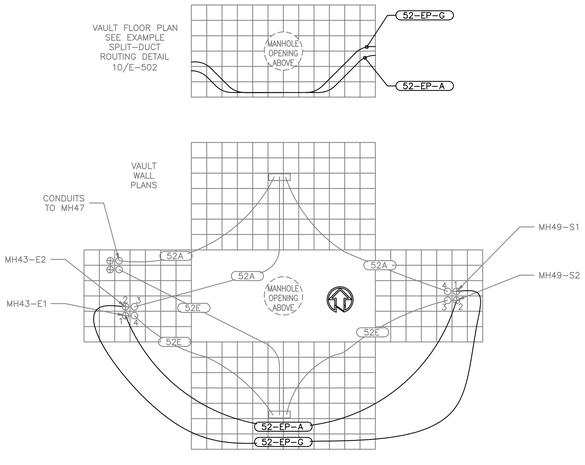
TRENCHING:

1. TRENCHES SHALL BE COVERED AFTER WORKING HOURS, AND SHALL BE BARRICADED AND MANNED PER OSHA STANDARDS WHILE NOT COVERED.
2. ON TRENCHES ACROSS ROADS, MAINTAIN STEEL PLATES ACROSS HALF THE ROAD DURING CONSTRUCTION TO MINIMIZE IMPACT ON TRAFFIC.
3. PROVIDE FLAGMEN TO DIRECT TRAFFIC DURING TIMES WHEN TRAFFIC FLOW IS IMPAIRED.



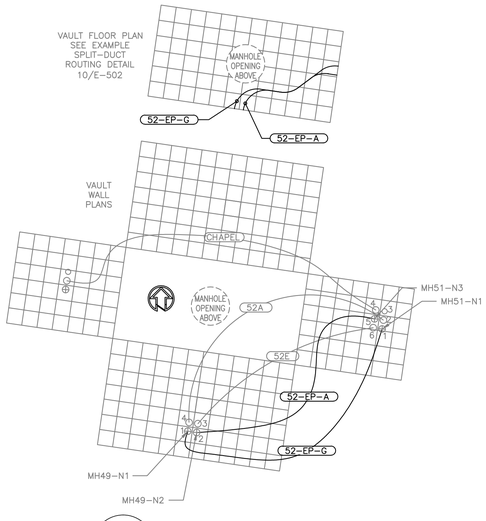
6 E-105 MH 52 VAULT DETAIL

SCALE: 1/4" = 1'-0"



2 E-105 MH 45 VAULT DETAIL

SCALE: 1/4" = 1'-0"



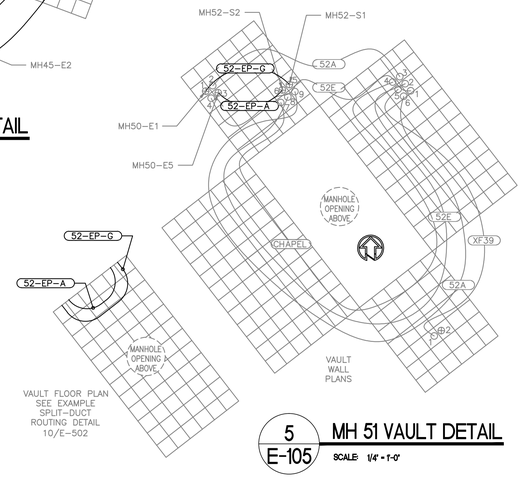
4 E-105 MH 50 VAULT DETAIL

SCALE: 1/4" = 1'-0"

VAULT LEGEND

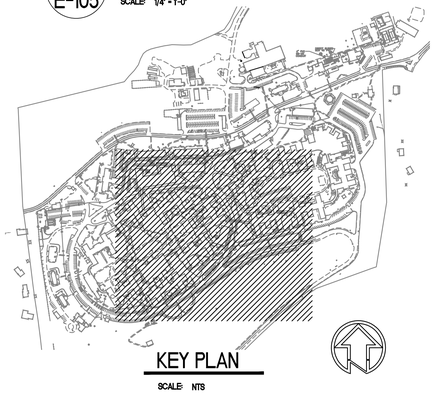
52-EP-H — CIRCUIT ASSIGNMENT

MH40-E3
- DUCT NUMBER
- WALL IDENTIFICATION (NORTH, SOUTH, EAST, WEST)
- DESTINATION VAULT IDENTIFICATION (MANHOLE NUMBER)



5 E-105 MH 51 VAULT DETAIL

SCALE: 1/4" = 1'-0"



KEY PLAN

SCALE: NTS

100% CONSTRUCTION DOCUMENTS

Revisions	Date

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LandDesign

Professional Stamp/Seal

Drawing Title: **EMERGENCY POWER SUPPLY SYSTEM (EPSS) MEDIUM VOLTAGE (MV) ROUTING PLAN & DETAILS - SOUTH QUADRANT**

Project Title: COATESVILLE - VA MEDICAL CENTER A/E INSTALL EMERGENCY GENERATOR

Date: 9/23/11

Project No.: 542-11-104

Drawn: DJR/NAC

Checked: JMB/JDC

Building Number: ---

Location: COATESVILLE, PENNSYLVANIA

DRAWING No.: E-105

Dwg. 6 Of 16

VA