



- | MANHOLE MH-20 FEEDER DEMOLITION & REPLACEMENT SCHEDULE | | | | |
|---|------------------------|-------------------------|----------------|--|
| EMERGENCY FEEDER CIRCUITS PASSING THROUGH EXISTING ELECTRICAL MANHOLE MH-20. ALL FEEDERS ORIGINATE AT MSG-1 LOCATED IN BUILDING 50. | | | | |
| TAG | LOAD | BLDG & ROOM LOCATION | FLOOR LOCATION | CONDUCTOR QTY. & SIZE |
| A | P3G-G01 (DIST. PANEL) | BLDG 5 ELEC ROOM G40 | GROUND FLOOR | (4) 600 KCMIL & (1) #3 GND |
| B,C | P3G-G02 (ENCL. CB) | BLDG 5 ELEC ROOM G40 | GROUND FLOOR | 2 SETS OF (4) 600 KCMIL & (1) #1/0 GND |
| D | P63-G03 (DIST. PANEL) | BLDG 5 ELEC ROOM G40 | GROUND FLOOR | (4) 600 KCMIL & (1) #3 GND |
| E | ATS-CR (DISCON.) 24 | BLDG. 1 - MECH ROOM 18 | GROUND FLOOR | (4) 350 KCMIL & (1) #1/0 GND |
| F | ATS-LS (DISCON.) | BLDG 5 ELEC DISTR. E01 | GROUND FLOOR | (4) 350 KCMIL & (1) #1/0 GND |
| G,H | ATS-EQ (DISCON.) | BLDG 5 ELEC DISTR. E03 | GROUND FLOOR | 2 SETS OF (4) 350 KCMIL & (1) #3/0 GND |
| I | ATS-1 (DISCON.) | BLDG. 1 - MECH ROOM 18 | GROUND FLOOR | (4) 350 KCMIL & (1) #1/0 GND |
| J | ATS-8 (ENCL. CB) | BLDG. 5 MECH. ROOM 126B | 1ST FLOOR | (4) 600 KCMIL & (1) #1 GND |
| K | ATS-A35-G01 | BLDG 5 ELEC ROOM G40 | GROUND FLOOR | CONTROL CABLEING |
| L | ATS-A3C-G01 | BLDG 5 ELEC ROOM G40 | GROUND FLOOR | CONTROL CABLEING |
| M | ATS-A3E-G01 | BLDG 5 ELEC ROOM G40 | GROUND FLOOR | CONTROL CABLEING |
| N | ATS-A3G-G01 | BLDG 5 ELEC ROOM G40 | GROUND FLOOR | CONTROL CABLEING |
| O | ATS CR | BLDG. 24 | | GEN. CONTROL -16PR., 14 AWG |
| P | ATS LS | BLDG 5 ELEC DISTR. E01 | GROUND FLOOR | GEN. CONTROL -16PR., 14 AWG |
| Q | ATS EQ | BLDG 5 ELEC DISTR. E03 | GROUND FLOOR | GEN. CONTROL -16PR., 14 AWG |
| R | ATS-1 (DISCON.) | BLDG. 1 - MECH ROOM 18 | GROUND FLOOR | GEN. CONTROL -16PR., 14 AWG |
| S | ATS-8 (ENCL. CB) | BLDG. 5 MECH. ROOM 126B | 1ST FLOOR | CONTROL CABLEING |
| T | UNKNOWN - FIELD VERIFY | UNKNOWN | UNKNOWN | (3) #6 |

BLDG 24 - BLDG 5 FEEDER DEMOLITION & REPLACEMENT			
EMERGENCY FEEDER CIRCUITS FROM BUILDING 24 TO BUILDING 5			
LOAD	BLDG & ROOM LOCATION	FLOOR LOCATION	CONDUCTOR QTY. & SIZE
DISTRIBUTION PANEL DPIC	BLDG 5	ATTIC	2 SETS OF (4) #4/0 & (1) #1/0 GND
PANEL EBB	BLDG 5, 131A	FIRST FLOOR	(4) #1/0 & (1) #6 GND
MED GAS PANELS	BLDG 5 CORRIDOR, 188 CORRIDOR, 322 NURSE STATION	GROUND FLOOR, FIRST FLOOR, THIRD FLOOR	MULTIPLE #10 SINGLE CONDUCTORS IN 1". EACH PANEL HAS (3) POWER PATHWAYS FOR REDUNDANCY



- NOTES:**
1. MANHOLE SHALL BE DESIGNED TO AASHTO HS-20 LIVE LOADS. SUBMITTAL SHALL SHOW DESIGN LOADING AND MATERIAL SPECIFICATIONS FOR SUPPLIED PRODUCTS.
 1. DETAIL IS DIAGRAMMATIC AND DOES NOT SHOW EXACT NUMBER OF CONDUITS ENTERING/EXISTING THE MANHOLE. REFER TO FLOORPLANS AND OTHER DETAILS FOR MORE INFORMATION.

Addendum 3 (AD-3)	05/20/2025
Revisions:	Date:

CONSULTANT

IMEG

2882 106TH STREET
DES MOINES, IA 50322
515.334.9999 FAX: 515.334.9998
www.imegcorp.com
PROJECT #: 15004248.04

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REFERENCE SCALE IN INCHES

0 1 3

ARCHITECT/ENGINEER OF RECORD

A N D E R S O N

13605 1st Ave. N. #100 Plymouth, MN 55441
P 763.412.4000 | F 763.412.4090 | ae-mn.com
Anderson Engineering of Minnesota, LLC | Proj # 16584

Office of
Construction
and Facilities
Management

VA | U.S. Department
of Veterans

Drawing Title
NEW ELECTRICAL SITE DETAILS
Approved:

Phase

BID DOCUMENTS

FULLY SPRINKLERED

Project Title		
CONSTRUCT NEW SPS		
Location		
Sioux Falls, SD.		
Issue Date	Checked	Drawn
05/13/2025	KLS	AWU

Project Number 438-460
Building Number 5
Drawing Number 