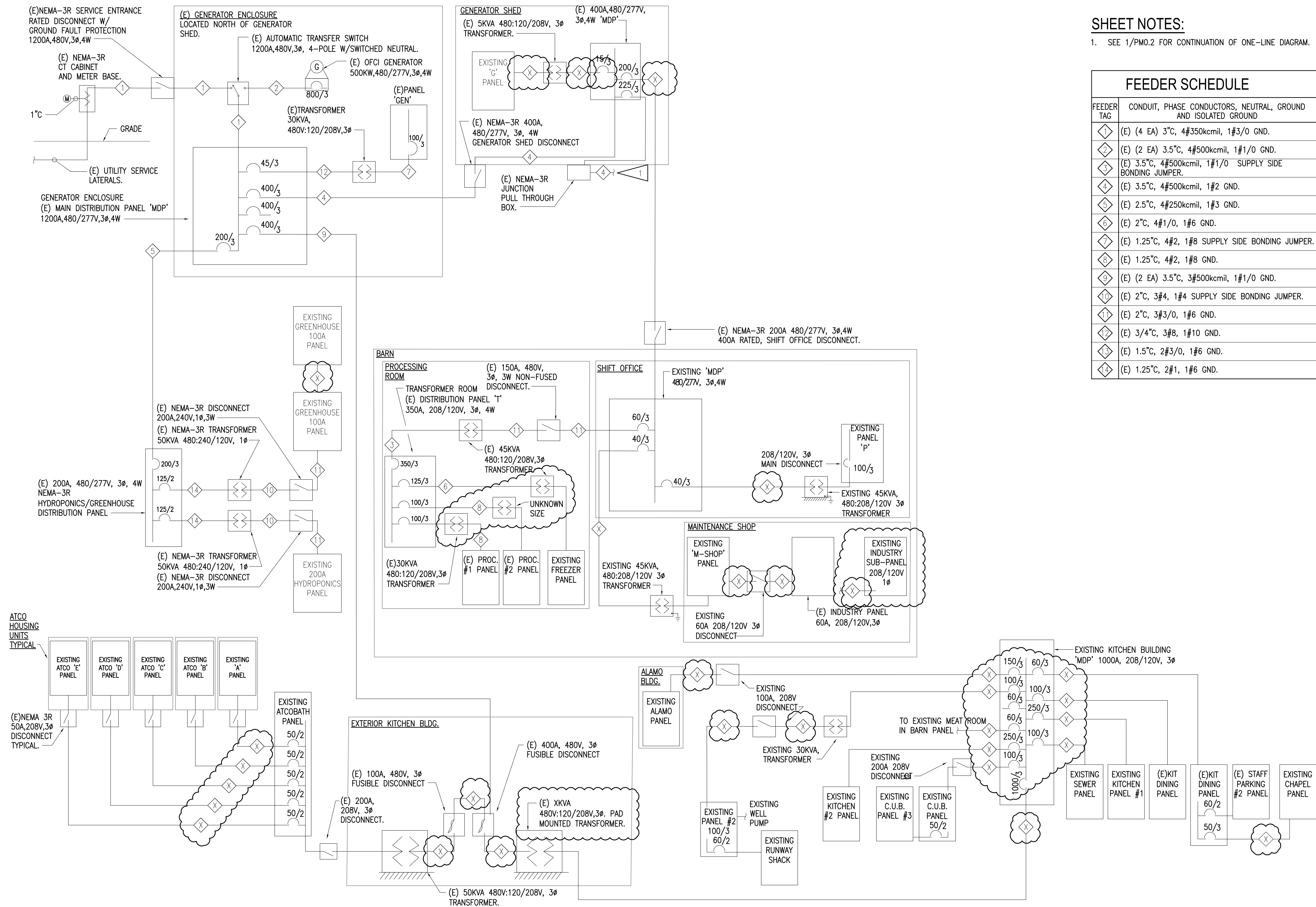


1" 2" 3"



SHEET NOTES:
1. SEE 1/PM0.2 FOR CONTINUATION OF ONE-LINE DIAGRAM.

FEEDER SCHEDULE	
FEEDER TAG	CONDUIT, PHASE CONDUCTORS, NEUTRAL, GROUND AND ISOLATED GROUND
1	(E) (4 EA) 3"C, 4#350kcmil, 1#3/0 GND.
2	(E) (2 EA) 3.5"C, 4#500kcmil, 1#1/0 GND.
3	(E) 3.5"C, 4#500kcmil, 1#1/0 SUPPLY SIDE BONDING JUMPER.
4	(E) 3.5"C, 4#500kcmil, 1#2 GND.
5	(E) 2.5"C, 4#250kcmil, 1#3 GND.
6	(E) 2"C, 4#1/0, 1#6 GND.
7	(E) 1.25"C, 4#2, 1#8 SUPPLY SIDE BONDING JUMPER.
8	(E) 1.25"C, 4#2, 1#8 GND.
9	(E) (2 EA) 3.5"C, 3#500kcmil, 1#1/0 GND.
10	(E) 2"C, 3#4, 1#4 SUPPLY SIDE BONDING JUMPER.
11	(E) 2"C, 3#3/0, 1#6 GND.
12	(E) 3/4"C, 3#8, 1#10 GND.
13	(E) 1.5"C, 2#3/0, 1#6 GND.
14	(E) 1.25"C, 2#1, 1#6 GND.

1 PT. MCKENZIE CORRECTIONAL FARM POWER ONE-LINE DIAGRAM
NTS

REFERENCE ONLY

ELECTRICAL ENGINEER
RSA ENGINEERING, INC.
670 W. Fireweed Ln., Suite 200
Anchorage, AK 99503-2516
Phone (907) 276-0521 Fax (907) 276-1751

State of Alaska
DOC Arc Flash Survey and Report
Point McKenzie Correctional Farm
Wasilla, AK

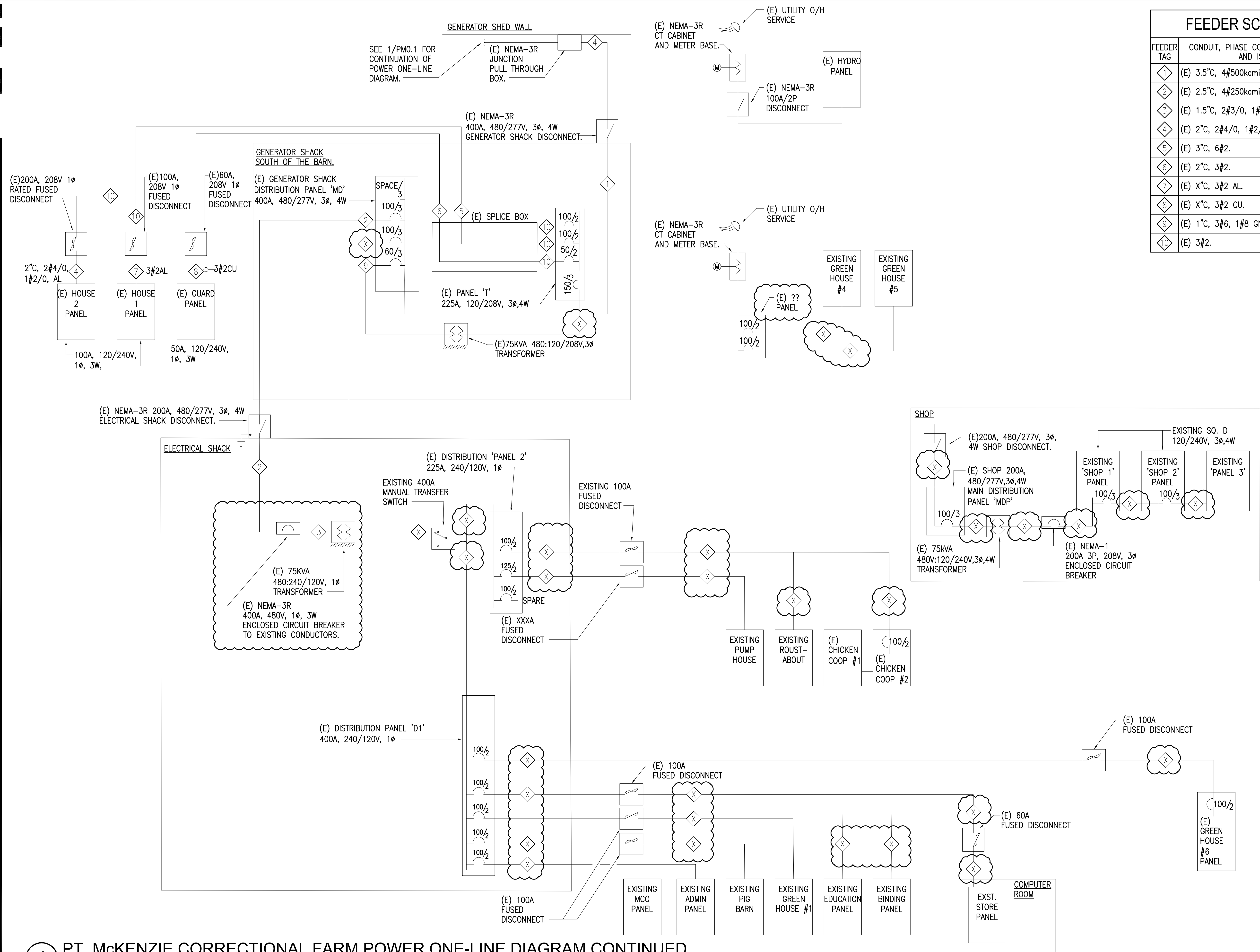
REVISIONS:

DRAWN BY: MJC
CHECKED BY: JAM
DATE: 10/13/2017
JOB NUMBER: L6206
DWG FILE: L6206_ESERIES

DRAWING TITLE:
PT. MCKENZIE CORRECTIONAL FARM
POWER ONE-LINE DIAGRAM

SHEET:
PM0.1

0"
1"
2"
3"



FEEDER SCHEDULE	
FEEDER TAG	CONDUIT, PHASE CONDUCTORS, NEUTRAL, GROUND AND ISOLATED GROUND
1	(E) 3.5\"C, 4#500kcmil, 1#2 GND.
2	(E) 2.5\"C, 4#250kcmil, 1#3 GND.
3	(E) 1.5\"C, 2#3/0, 1#6 GND.
4	(E) 2\"C, 2#4/0, 1#2/0 AL.
5	(E) 3\"C, 6#2.
6	(E) 2\"C, 3#2.
7	(E) X\"C, 3#2 AL.
8	(E) X\"C, 3#2 CU.
9	(E) 1\"C, 3#6, 1#8 GND.
10	(E) 3#2.

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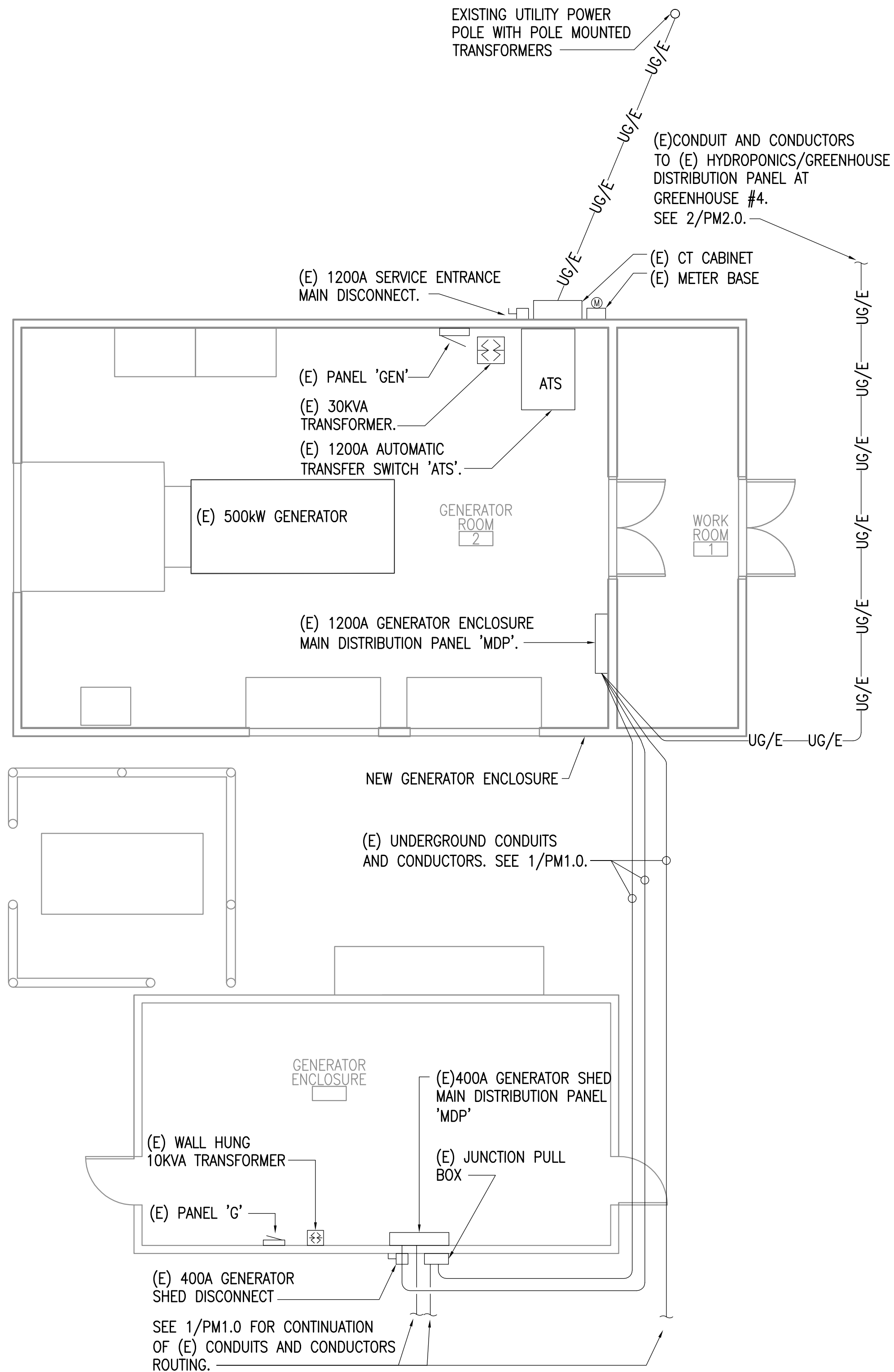
REVISIONS:

DRAWN BY: MJC
CHECKED BY: JAM
DATE: 10/13/2017
JOB NUMBER: L6206
DWG FILE: L6206_ESERIES

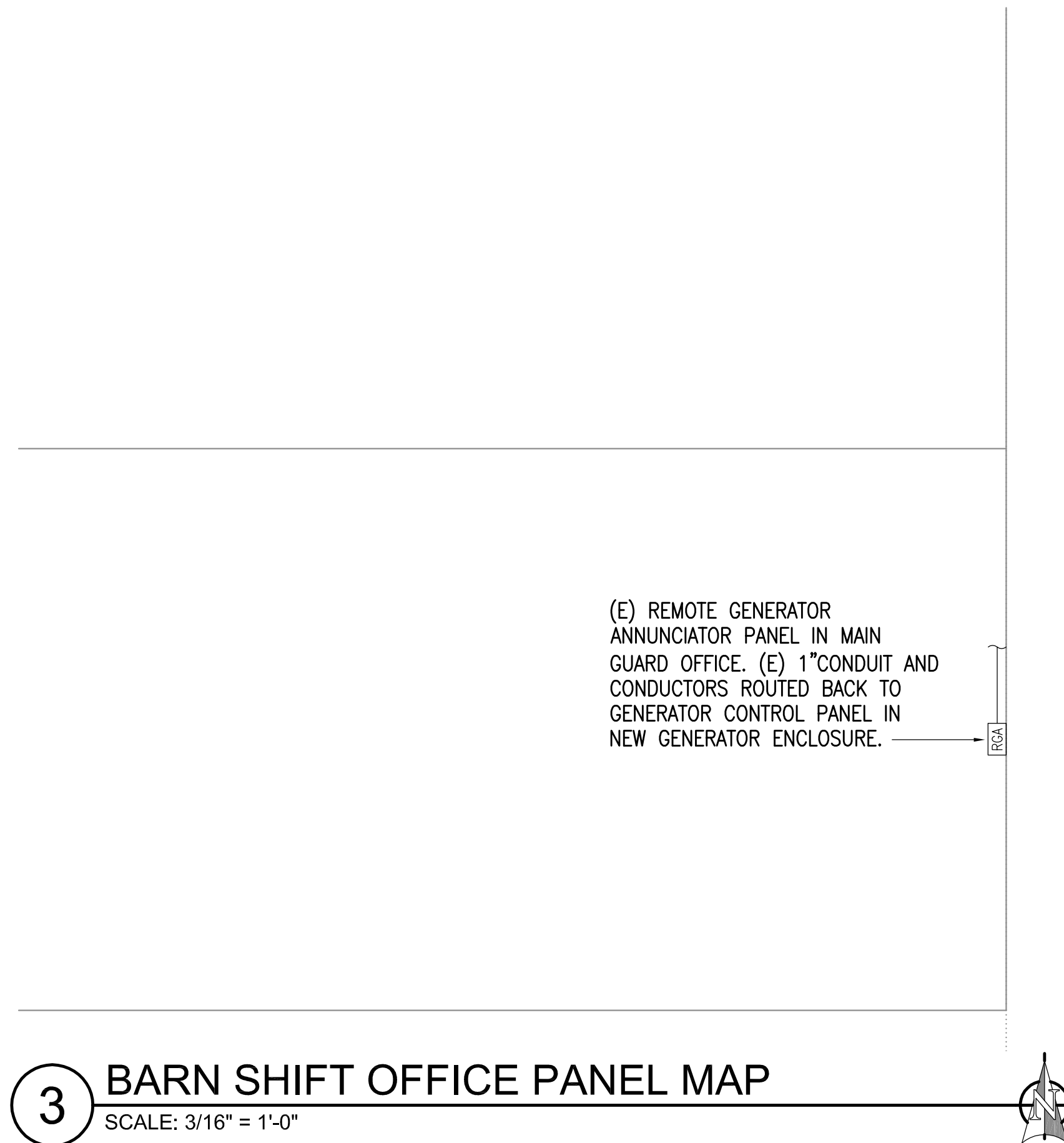
DRAWING TITLE:
PT. McKENZIE
CORRECTIONAL FARM
POWER ONE-LINE
DIAGRAM CONTINUED

SHEET:
PM0.2

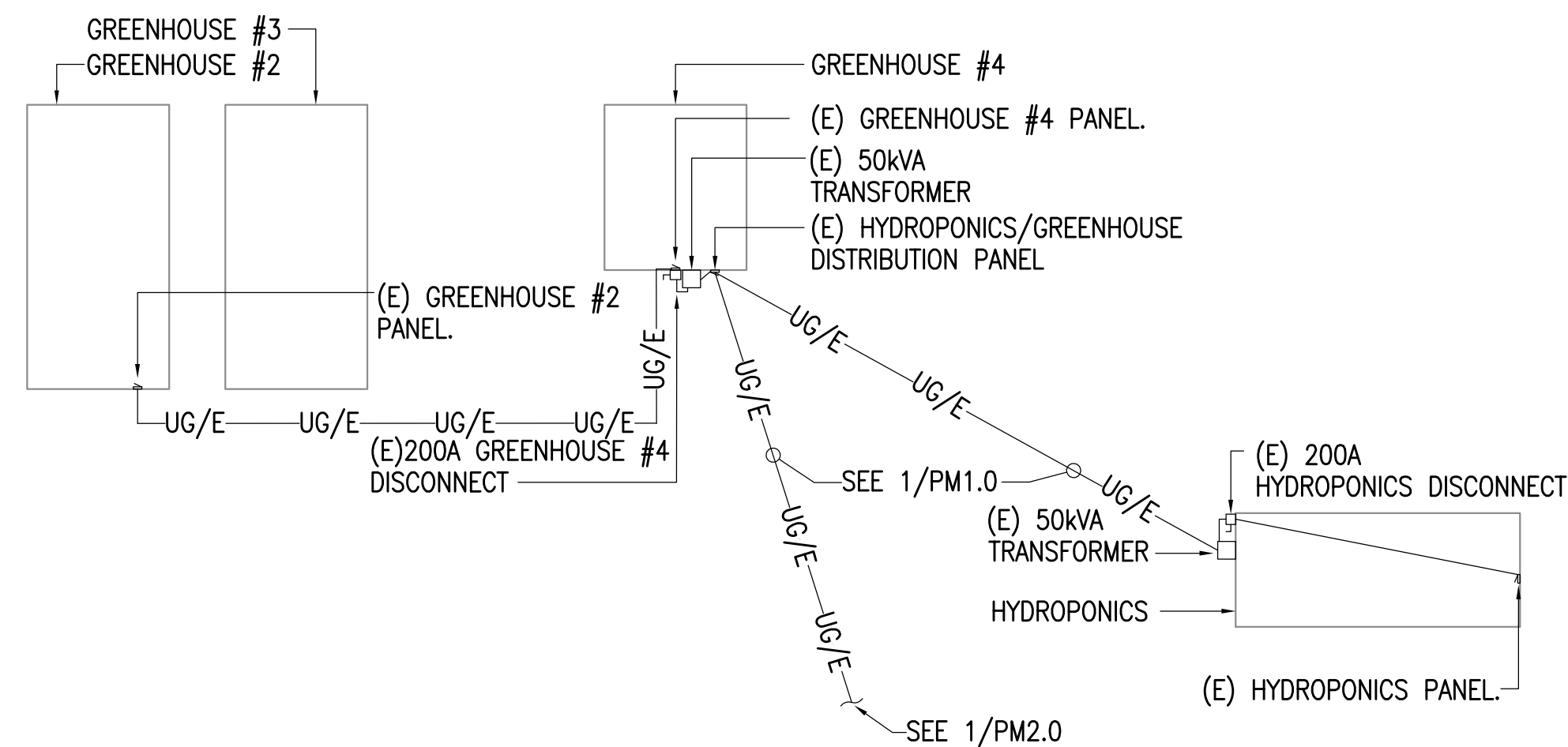
0"
1"
2"
3"



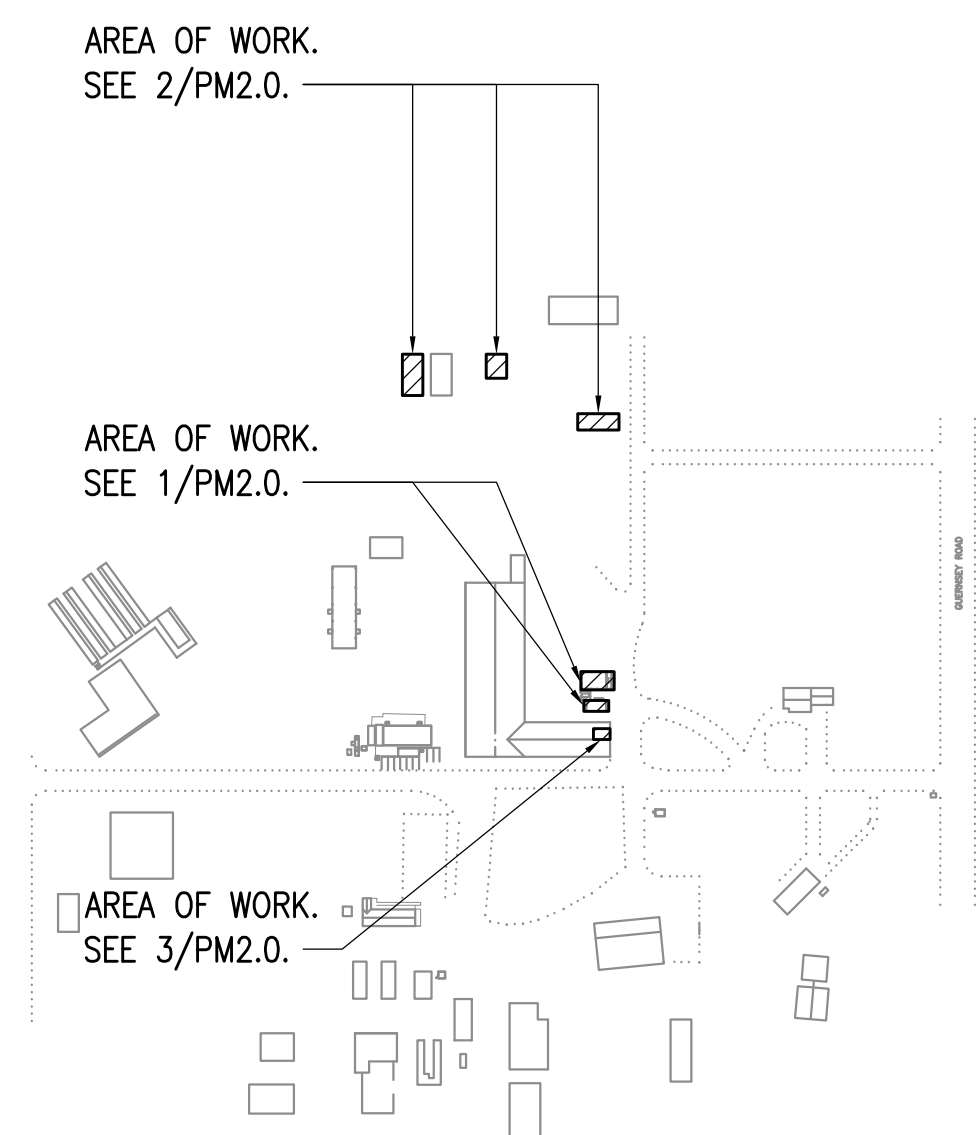
1 GENERATOR ENCLOSURE AND SHED PANEL MAP
SCALE: 3/16" = 1'-0"



3 BARN SHIFT OFFICE PANEL MAP
SCALE: 3/16" = 1'-0"



2 GREENHOUSE #2, #4, & HYDROPONICS - PANEL MAP
SCALE: 1/32" = 1'-0"



KEYPLAN
NTS

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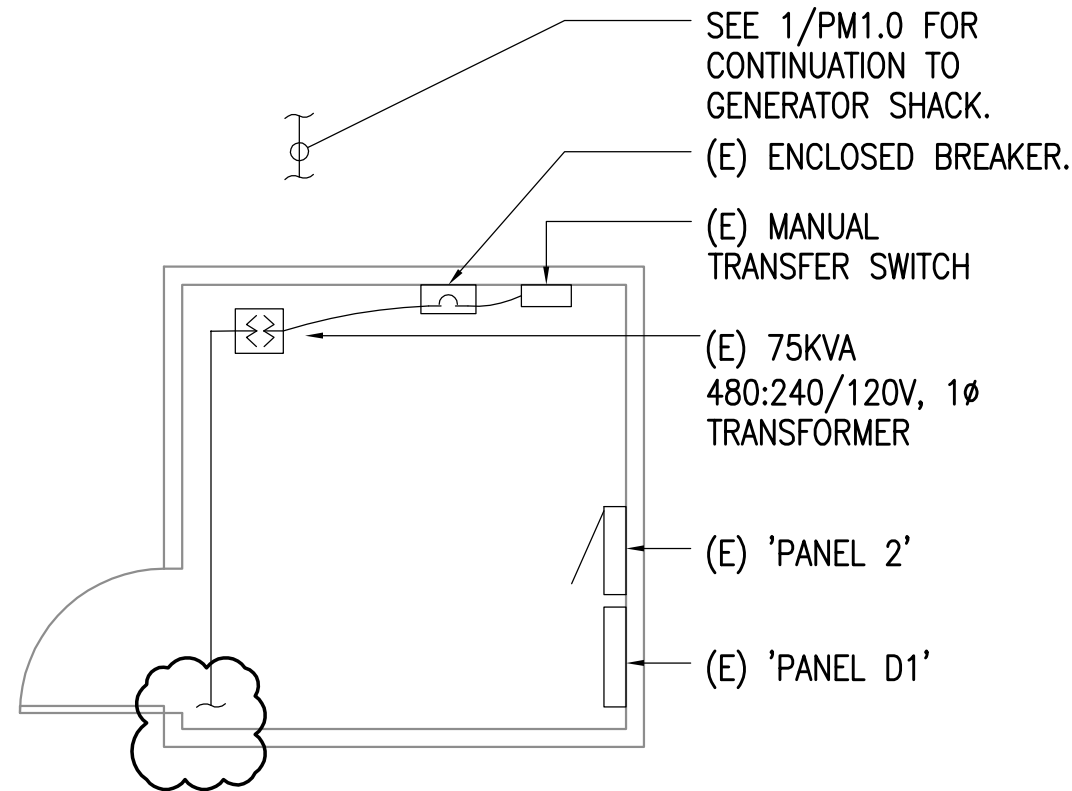
REVISIONS:

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CHECKED BY: JAM
DATE: 10/13/2017
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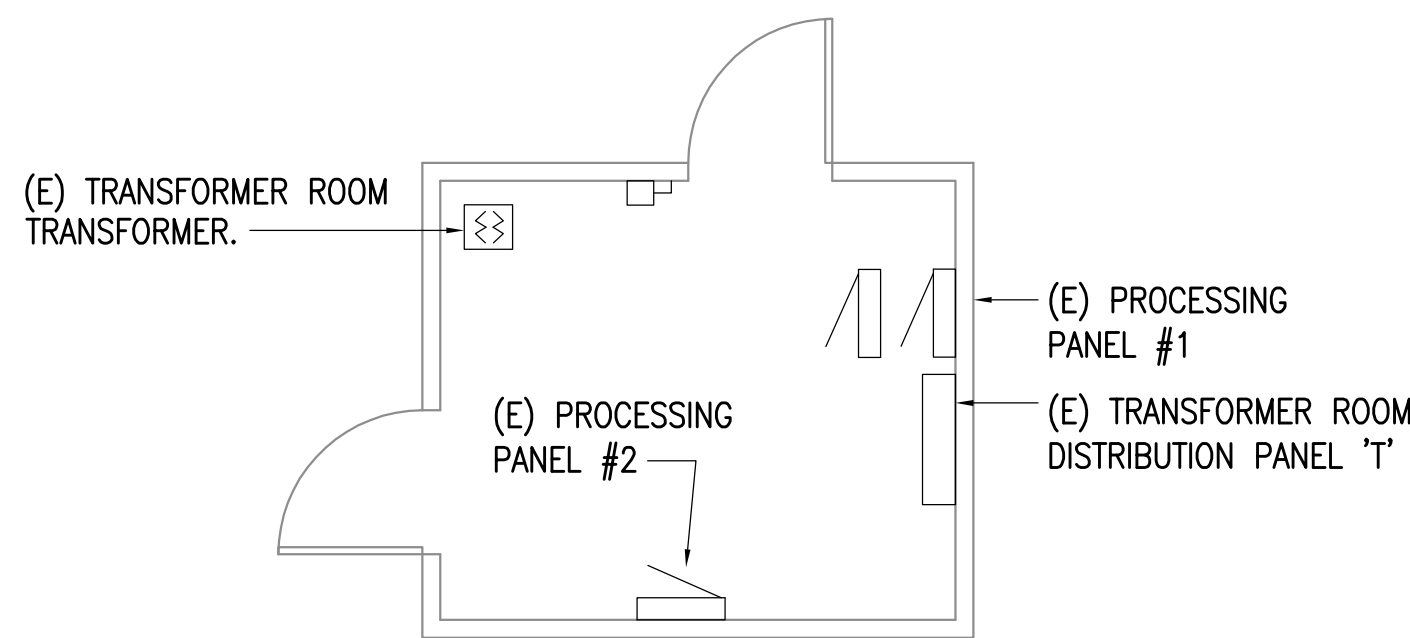
DRAWING TITLE:
GENERATOR ENCLOSURE
& SHED, GREENHOUSE
#2, #4 & HYDROPONICS
AND BARN SHIFT OFFICE
PANEL MAPS

SHEET:
PM2.0

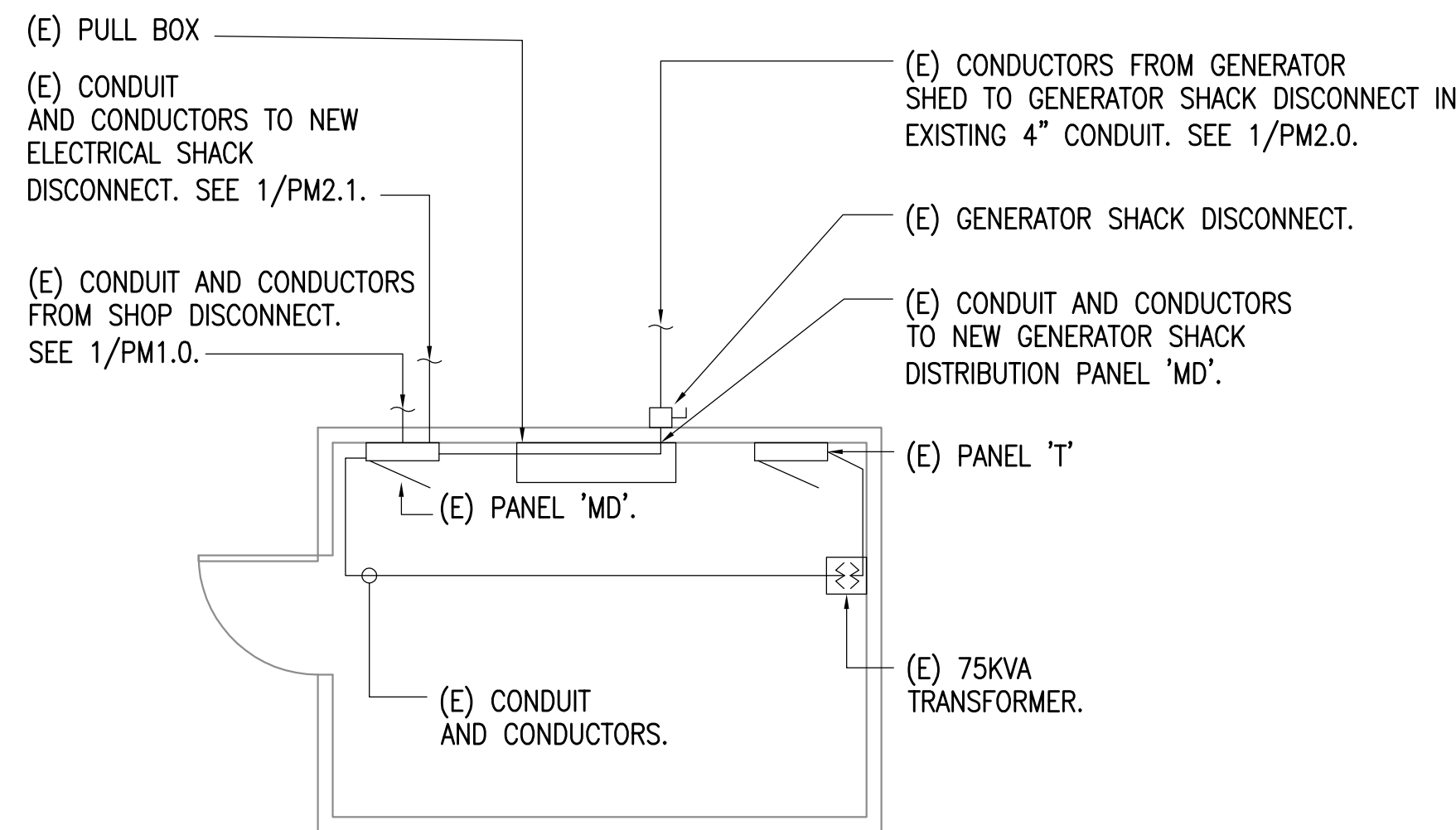
0"
1"
2"
3"



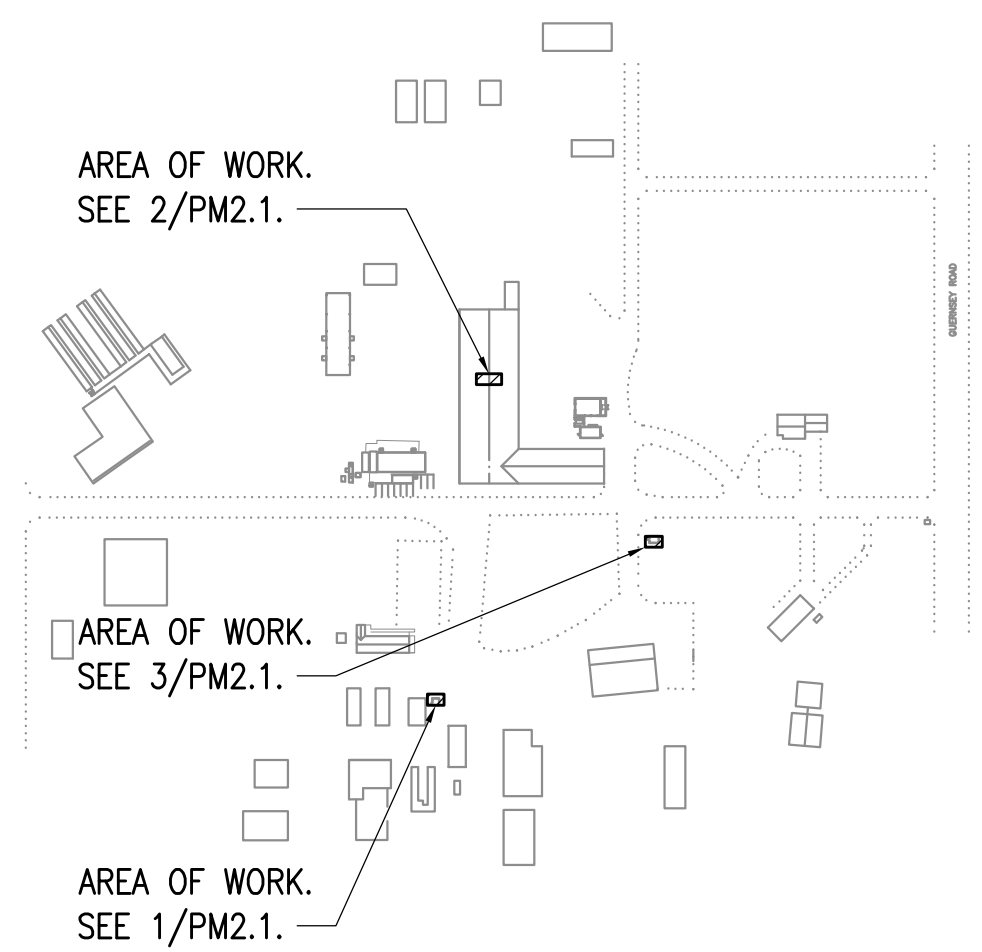
1 ENLARGED ELECTRICAL SHACK- PANEL MAP
SCALE: 1/4" = 1'-0"



2 ENLARGED TRANSFORMER ROOM - PANEL MAP
SCALE: 1/4" = 1'-0"



3 ENLARGED GENERATOR SHACK - PANEL MAP
SCALE: 1/4" = 1'-0"



KEYPLAN
NTS

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DRAWN BY: MJC
CHECKED BY: JAM
DATE: 10/13/2017
JOB NUMBER: L6206
DWG FILE: L6206_ESERIES

DRAWING TITLE:
ENLARGED ELECTRICAL
SHACK, TRANSFORMER
ROOM & GENERATOR
SHACK PANEL MAPS

SHEET:
PM2.1