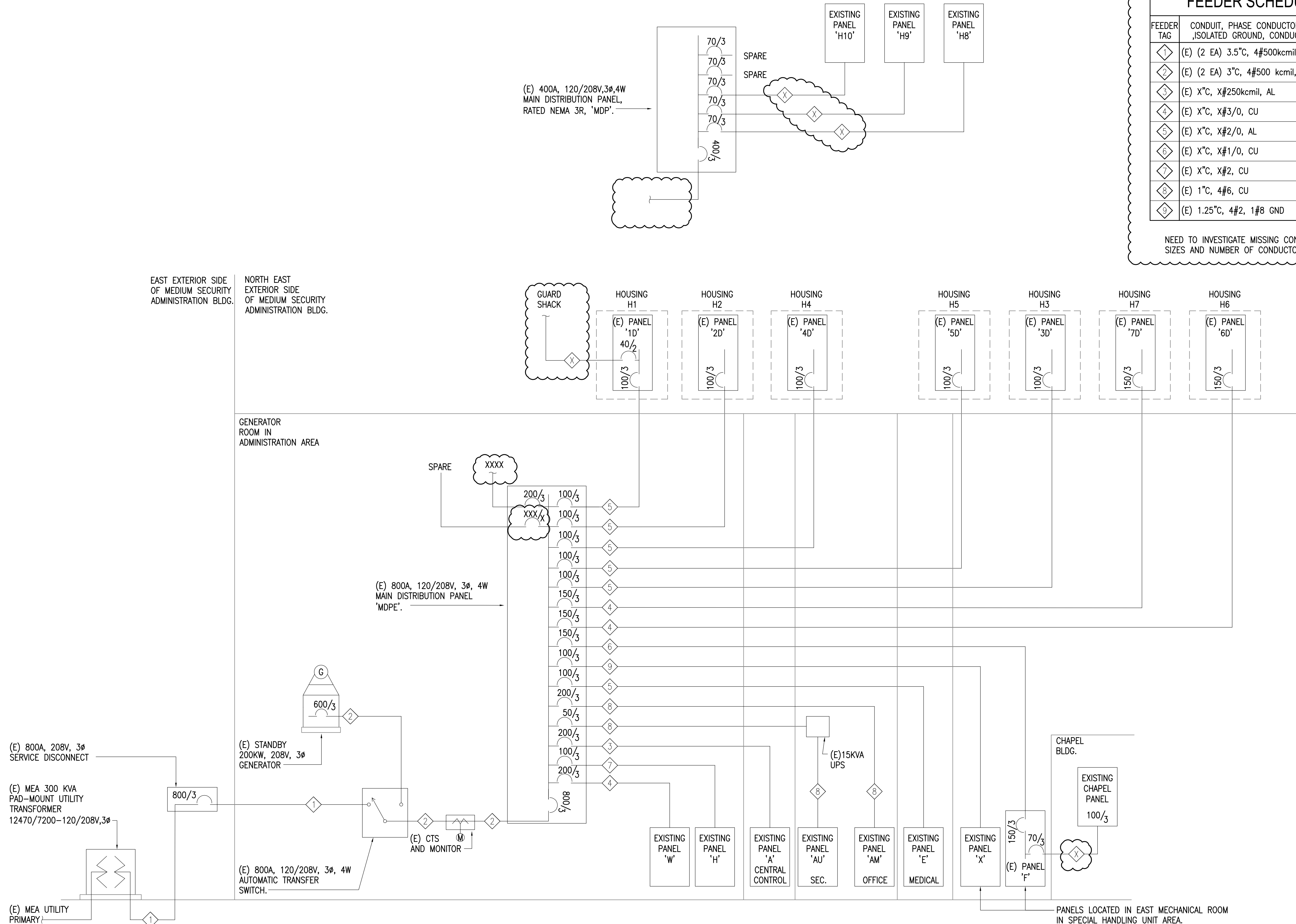


0"
1"
2"
3"



FEEDER SCHEDULE	
FEEDER TAG	CONDUIT, PHASE CONDUCTORS, NEUTRAL, GROUND ,ISOLATED GROUND, CONDUCTOR TYPE CU OR AL
1	(E) (2 EA) 3.5°C, 4#500kcmil, CU
2	(E) (2 EA) 3°C, 4#500 kcmil, CU
3	(E) X°C, X#250kcmil, AL
4	(E) X°C, X#3/0, CU
5	(E) X°C, X#2/0, AL
6	(E) X°C, X#1/0, CU
7	(E) X°C, X#2, CU
8	(E) 1°C, 4#6, CU
9	(E) 1.25°C, 4#2, 1#8 GND

NEED TO INVESTIGATE MISSING CONDUIT SIZES AND NUMBER OF CONDUCTORS.

REFERENCE ONLY

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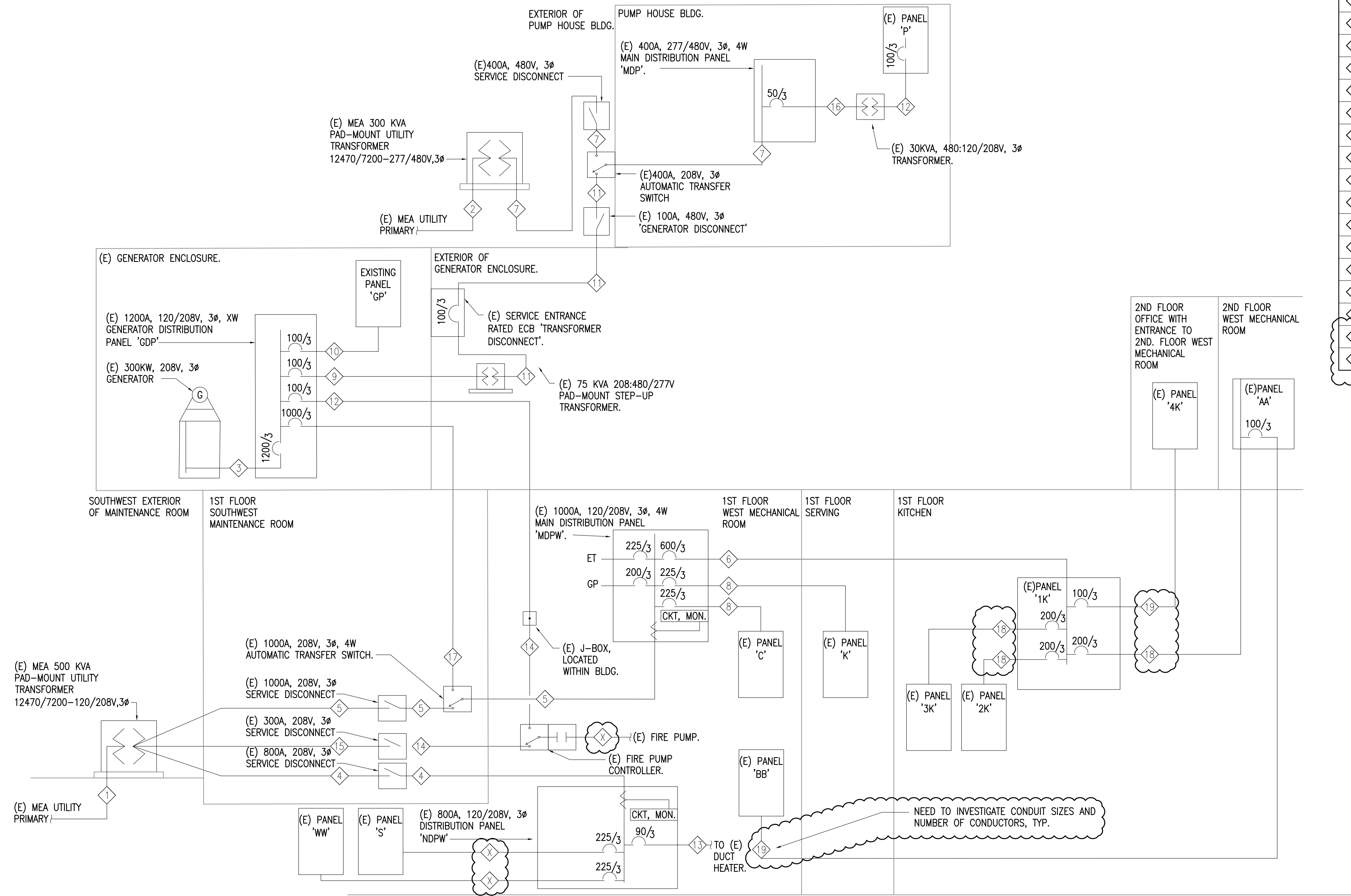
DRAWN BY: MJC
CHECKED BY: JAM
DATE: 10/13/2017
JOB NUMBER: L6206
DWG FILE: L6206_ESERIES

DRAWING TITLE:
MEDIUM SECURITY
ADMINISTRATION BLDG.
EAST SIDE POWER
ONE-LINE DIAGRAM

SHEET:
PC0.1

1 MEDIUM SECURITY ADMINISTRATION BUILDING EAST SIDE POWER ONE-LINE DIAGRAM
NTS

0"
1"
2"
3"



FEEDER SCHEDULE	
FEEDER TAG	CONDUIT, PHASE CONDUCTORS, NEUTRAL, GROUND, ISOLATED GROUND, CONDUCTOR TYPE CU OR AL
1	(E) 3.5°C, 3#2 15KV, 1#2 600V
2	(E) 4°C, 3#6 15KV
3	(E) (3 EA) 3.5°C, 4#600kcmil
4	(E) (2 EA) 3.5°C, 4#600kcmil
5	(E) (3 EA) 3°C, 4#400kcmil
6	(E) (2 EA) 3°C, 4#350kcmil
7	(E) 4°C, 4#500 kcmil, 1#3 GND
8	(E) 2.5°C, 4#4/0
9	(E) 2°C, 4#4/0, 1#4 GND
10	(E) 1.5°C, 4#2
11	(E) 1.25°C, 4#2, 1#6 GND
12	(E) 1.25°C, 4#2, 1#8 GND
13	(E) 1.25°C, 3#2
14	(E) 2HR. RATED, 3#2 CABLE
15	(E) 1.25°C, 3#4
16	(E) 3/4°C, 3#8, 1#10 GND
17	(E) (3 EA) 3.5°C, 4#400kcmil, 1#2/0 GND
18	(E) X°C, X#3/0
19	(E) X°C, X#2/0

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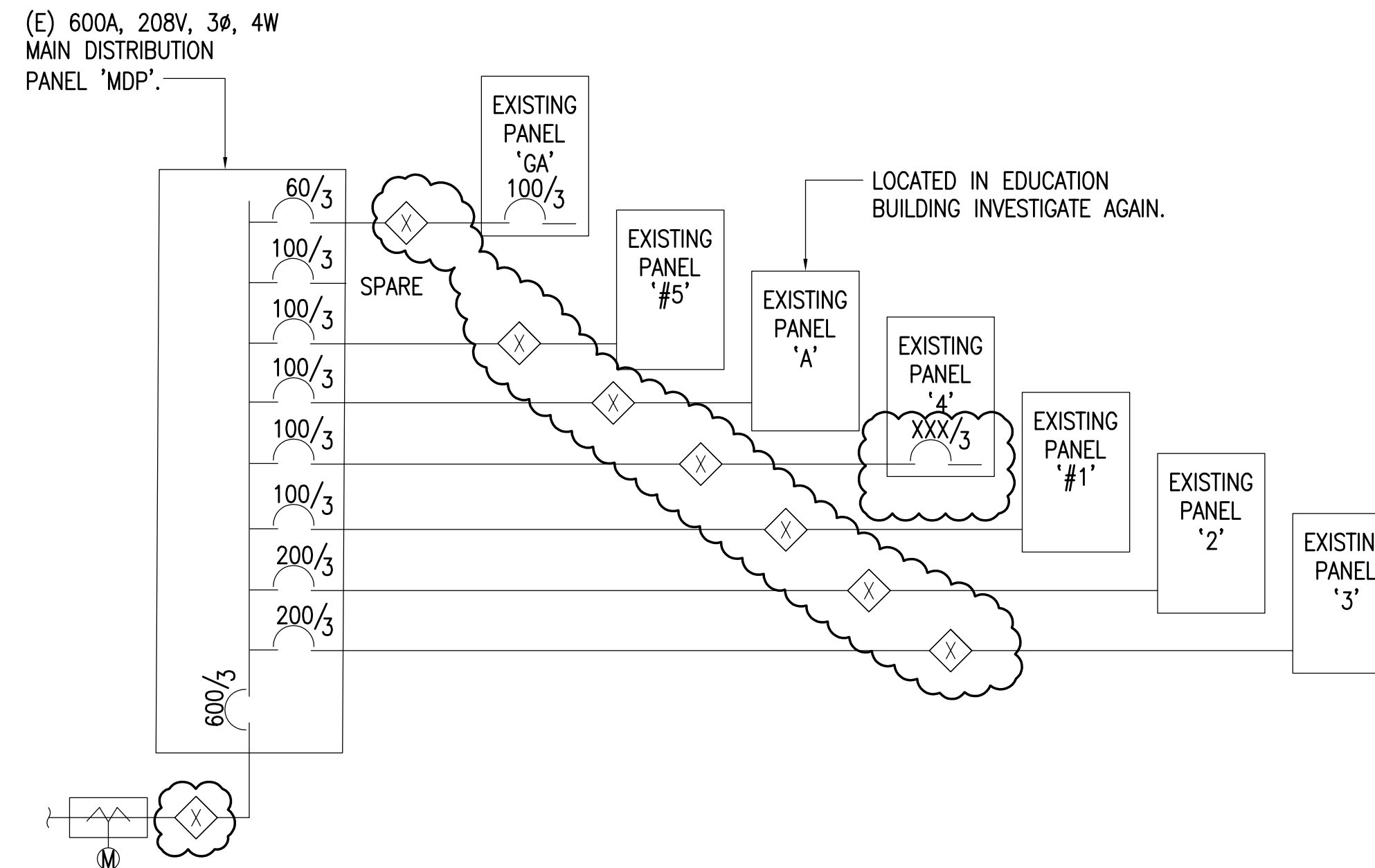
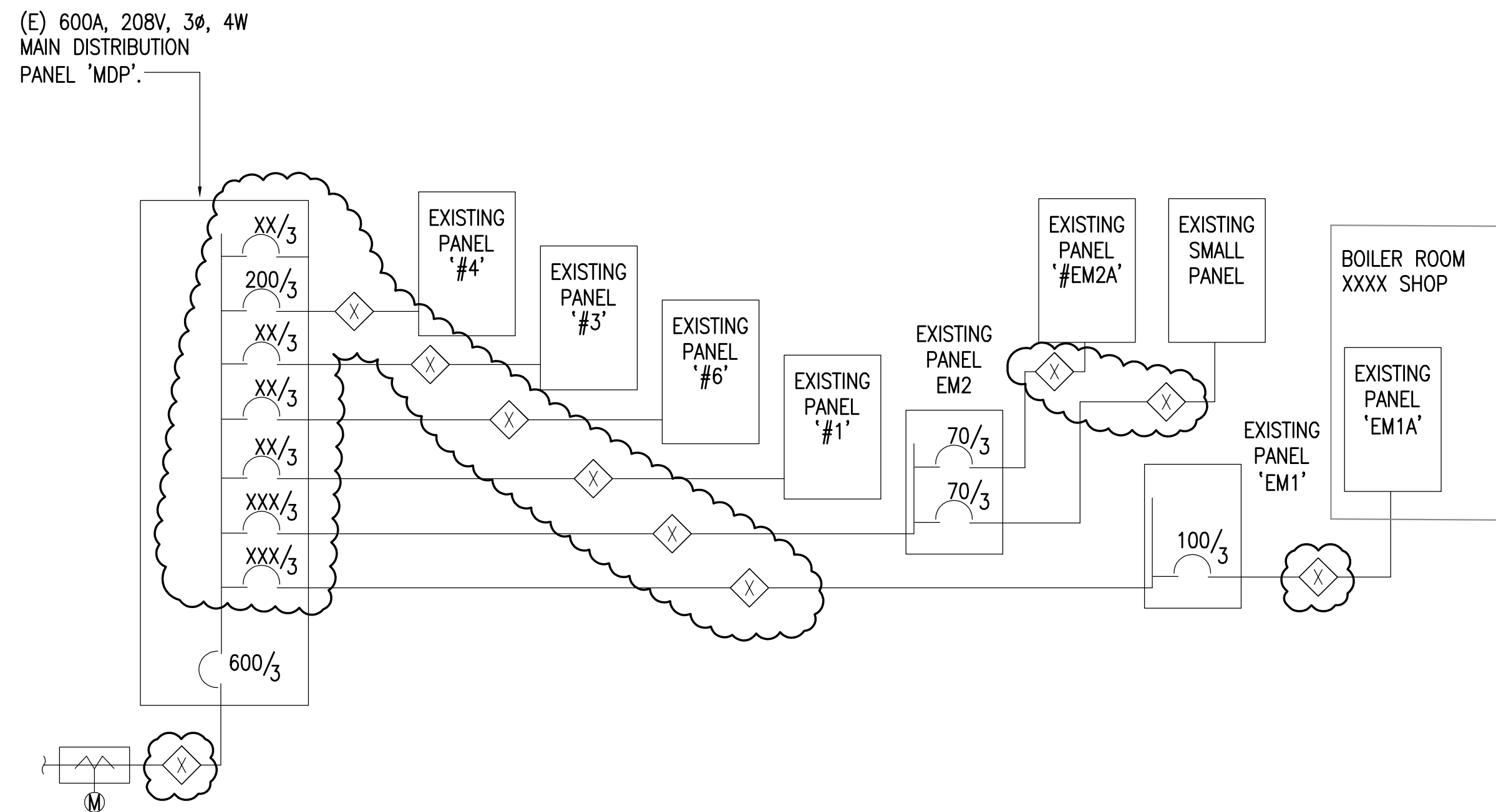
DRAWN BY: MJC
CHECKED BY: JAM
DATE: 10/13/2017
JOB NUMBER: L6206
DWG FILE: L6206_ESERIES

DRAWING TITLE:
EAST AND WEST
POWER ONE-LINE
DIAGRAMS

SHEET:
PC0.2

2 MEDIUM SECURITY ADMINISTRATION BUILDING WEST SIDE POWER ONE-LINE DIAGRAM
NTS

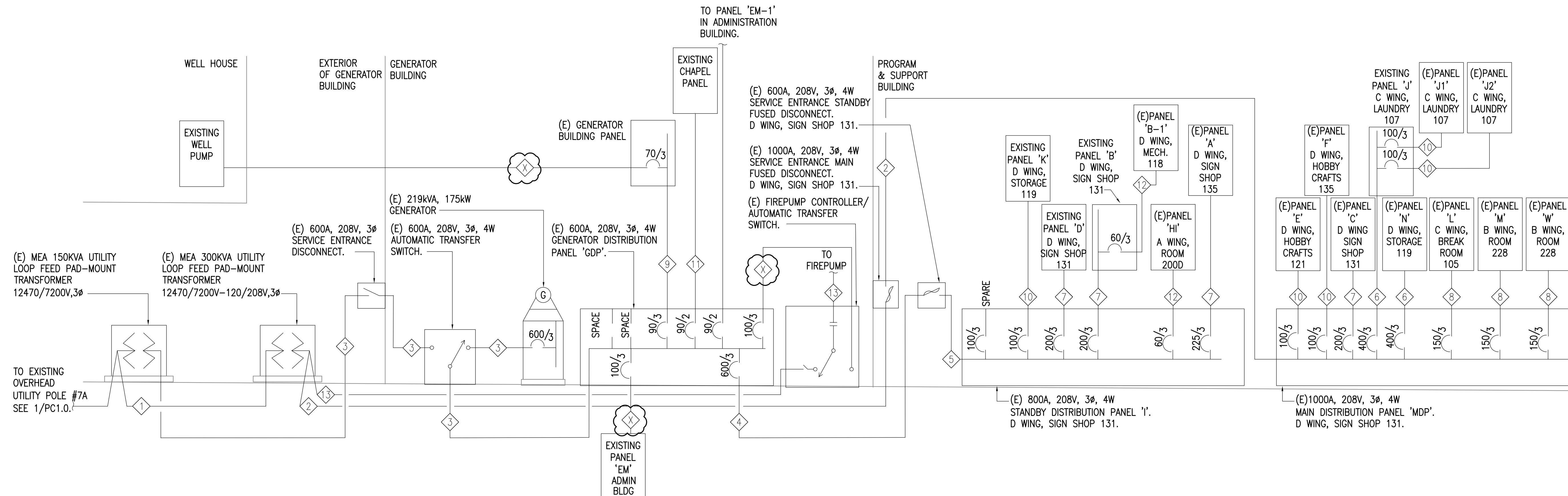
0"
1"
2"
3"



FEEDER SCHEDULE	
FEEDER TAG	CONDUIT, PHASE CONDUCTORS, NEUTRAL, GROUND AND ISOLATED GROUND
1	(E) 3.5°C, 3#2KV CABLE, 1#2 600V CABLE.
2	(E) (3 EA) 3°C, 4#400kcmil.
3	(E) (2 EA) 3°C, 4#350kcmil.
4	(E) 3°C, 4#300kcmil.
5	(E) (3 EA) 3°C, 4#4/0.
6	(E) (2 EA) 2.5°C, 4#4/0.
7	(E) 2.5°C, 4#4/0.
8	(E) 2°C, 4#1/0.
9	(E) 2°C, 4#2.
10	(E) 1.25°C, 4#2.
11	(E) 2°C, 3#2.
12	(E) 1°C, 4#6.
13	(E) 1°C, 3#6.
14	(E) 2°C, 2#10.

2 POWER ONE-LINE DIAGRAM - MAINTENANCE SHOP
NTS

3 POWER ONE-LINE DIAGRAM - GREEN HOUSE & SHEDS
NTS



1 POWER ONE-LINE DIAGRAM - PROGRAM & SUPPORT BUILDING
NTS

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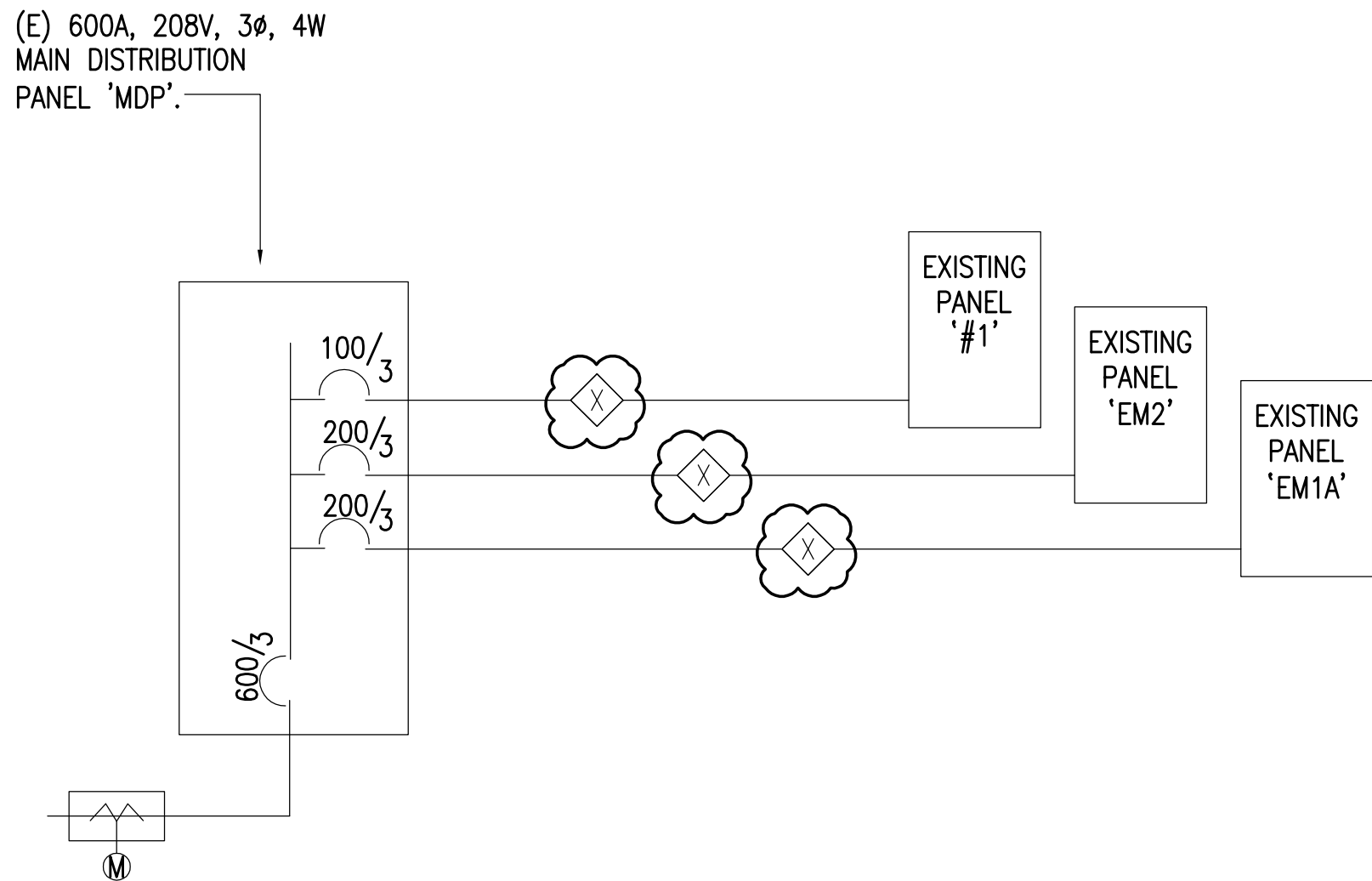
REVISIONS:

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

DRAWING TITLE:
POWER ONE-LINE
DIAGRAM - PROGRAM &
SUPPORT BUILDING

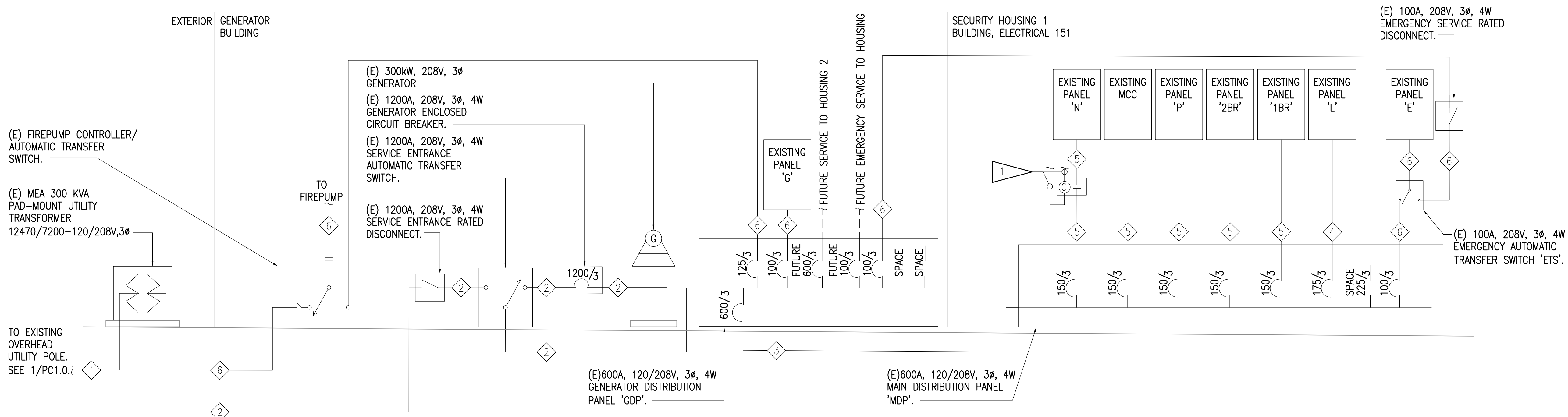
SHEET:
PC0.3

0"
1"
2"
3"



2 POWER ONE-LINE DIAGRAM - BUTLER BUILDING

NTS



1 POWER ONE-LINE DIAGRAM - MINIMUM SECURITY HOUSING BUILDING

NTS

SHEET NOTES:

- 200A/3P CONTACT CONDUIT AND CONDUCTORS BACK TO 1200A TRANSFER SWITCH.

FEEDER SCHEDULE

FEEDER TAG	CONDUIT, PHASE CONDUCTORS, NEUTRAL, GROUND AND ISOLATED GROUND
1	(E) 3.5"C, 3#2KV CABLE, 1#2 600V CABLE.
2	(E) (3 EA) 3.5"C, 4#600kcmil.
3	(E) (2 EA) 3"C, 4#350kcmil.
4	(E) 2"C, 4#2/0.
5	(E) 2"C, 4#1/0.
6	(E) 1.5"C, 4#1.

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JOB NUMBER: L6206
DWG FILE: L6206_ESERIES

DRAWING TITLE:
POWER ONE-LINE
DIAGRAM - MINIMUM
SECURITY HOUSING
BUILDING

SHEET:

PC0.4

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 ORSA ENGINEERING, INC.
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 Phone (907) 276-0521 Fax (907) 276-1751

PARSA ENGINEERING, INC.
670 W. Fireweed Ln., Suite 200
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CHECKED BY: JAM
DATE: 10/13/2017
JOB NUMBER: L6206
DWG FILE: L6206 ESERIES

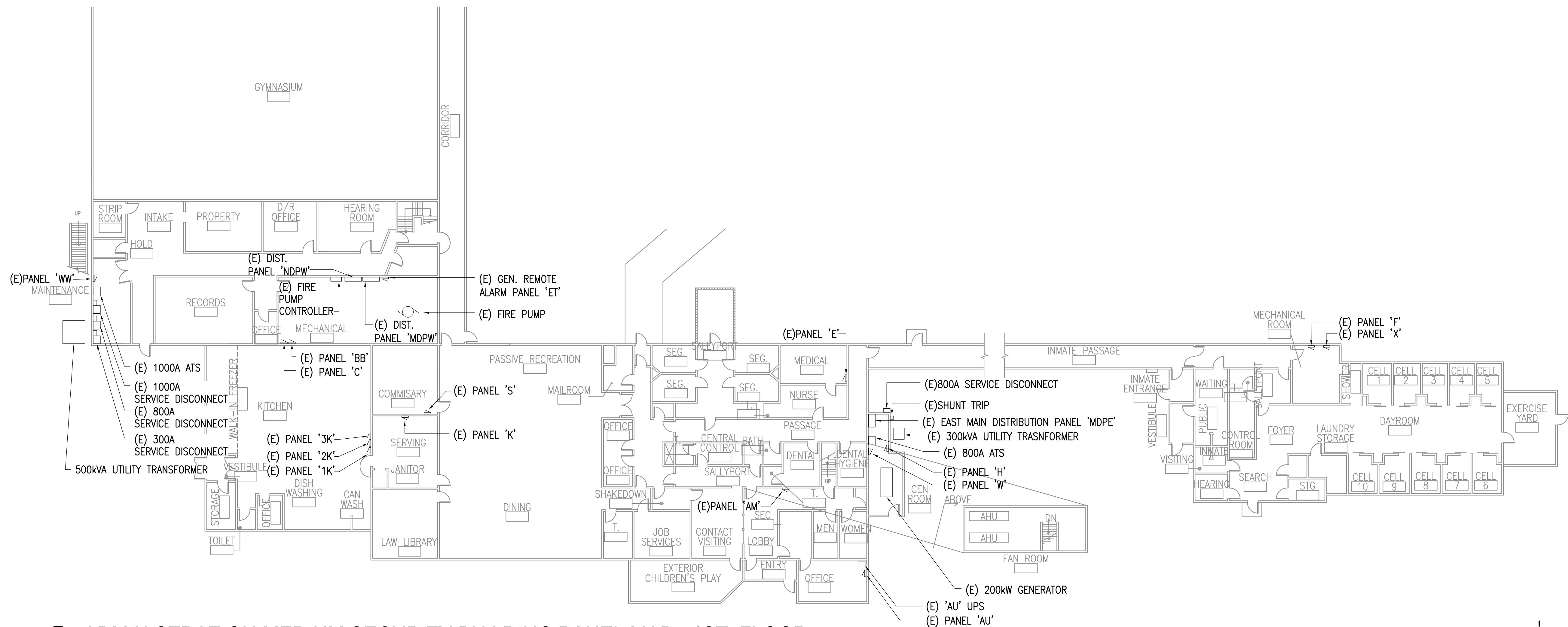
SHEET:
PC1.0



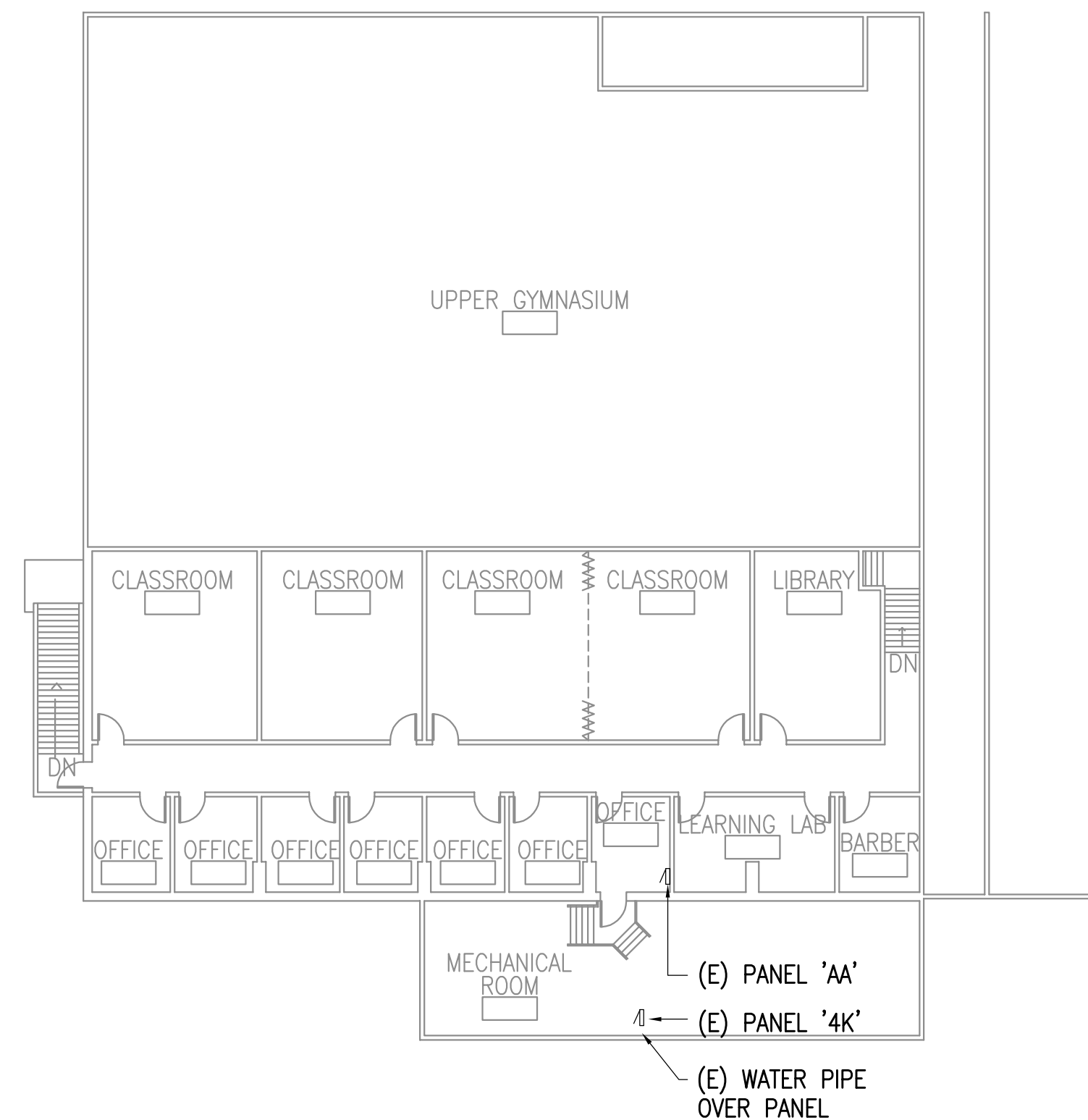
1. UNDERGROUND CONDUIT AND FEEDER FROM (E) GENERATOR BUILDING PANEL TO (E) WELL PUMP PANEL. SEE 1/PC0.3.
2. UNDERGROUND CONDUIT AND FEEDER FROM (E) 'GDP' TO (E) CHAPEL PANEL. SEE 1/PC0.3.
3. (E) 500kVA PAD MOUNTED UTILITY TRANSFORMER. SEE 1/PC0.2.
4. (E) GENERATOR ENCLOSURE WITH (E) 300kVA GENERATOR (E) GENERATOR DISTRIBUTION PANEL 'GDP' AND (E) PANEL 'GP'. SEE 1/PC0.2.
5. (E) 75kVA 208V: 480/277V STEP UP TRANSFORMER. SEE 1/PC0.2.
6. (E) SERVICE ENTRANCE RATED 100A 'TRANSFORMER DISCONNECT'. SEE 1/PC0.2.
7. (E) 300kVA PAD MOUNTED UTILITY TRANSFORMER. SEE 1/PC0.1.

1 PALMER CORRECTIONAL CENTER BUILDING MAP - SITE
1" = 100'-0"

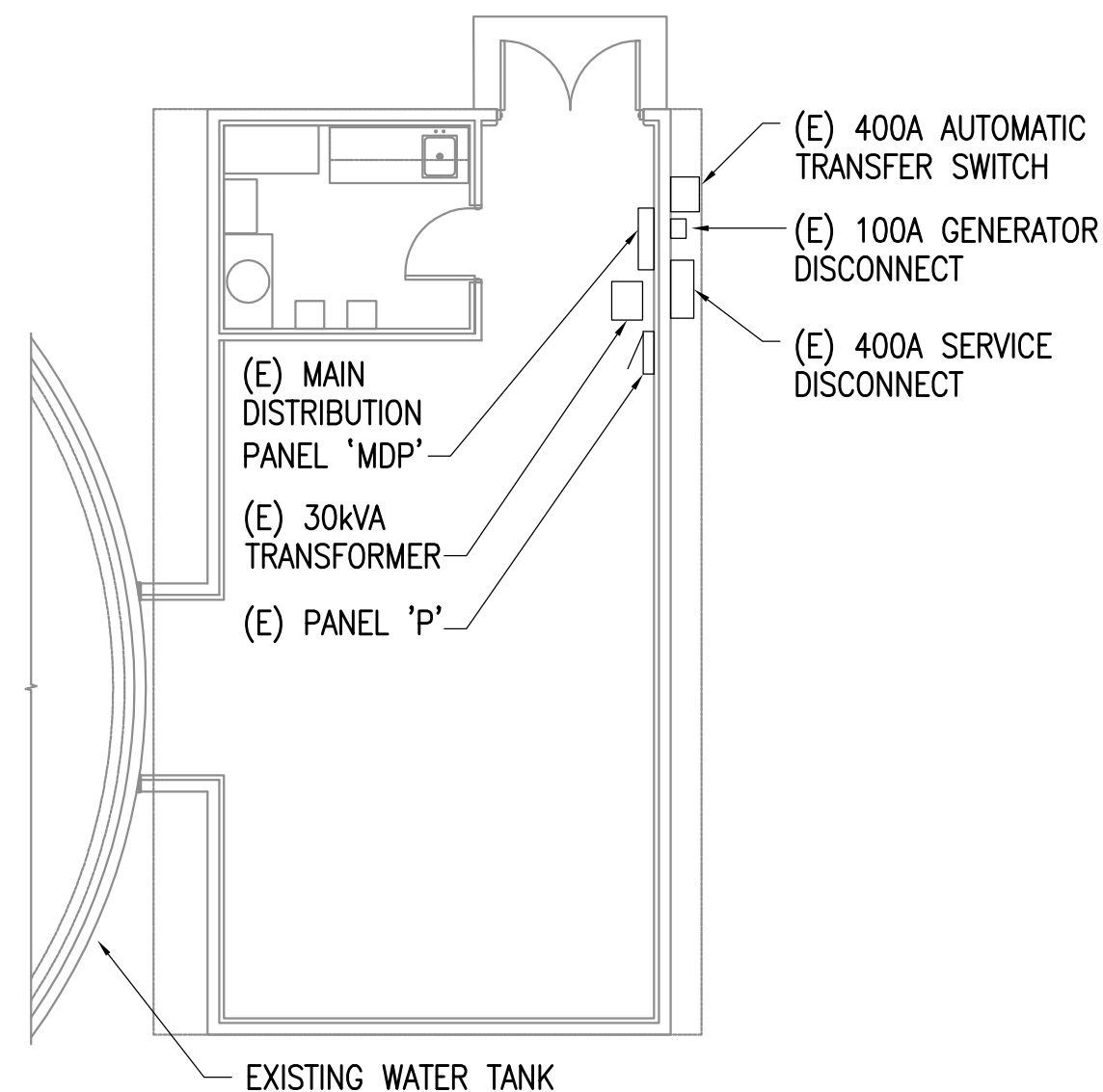
0"
1"
2"
3"



1 ADMINISTRATION MEDIUM SECURITY BUILDING PANEL MAP - 1ST. FLOOR
1/16" = 1'-0"



2 ADMINISTRATION MEDIUM SECURITY BUILDING PANEL MAP - 2ND. FLOOR
1/16" = 1'-0"



3 PUMP HOUSE - PANEL MAP
1/8" = 1'-0"

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

DRAWING TITLE:
PANEL MAP MEDIUM
SECURITY BUILDING -
1ST. & 2ND. FLOORS

SHEET:
PC2.1

0"
1"
2"
3"

REFERENCE
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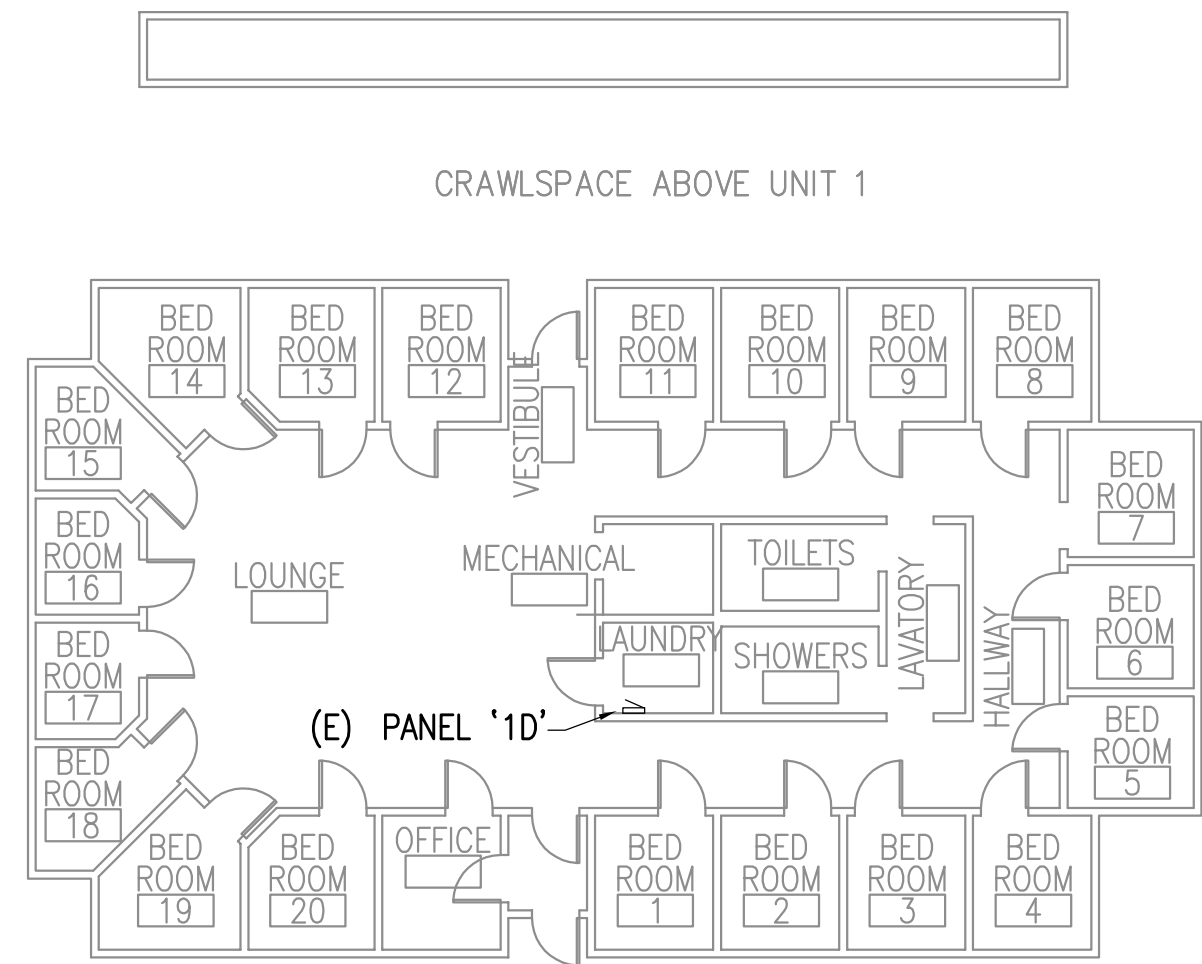
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DATE: 10/13/2017
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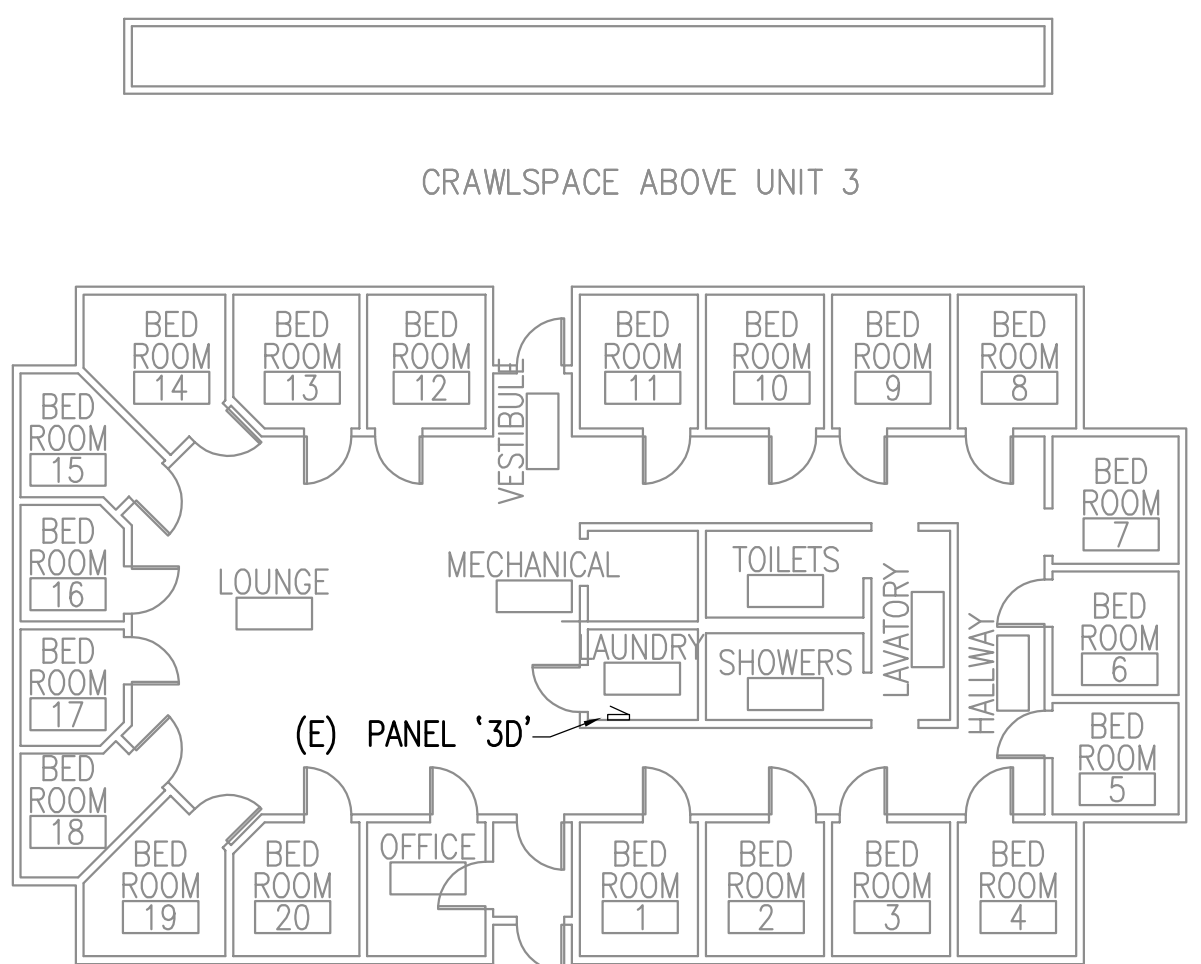
DRAWING TITLE:
PANEL MAP H1 - H7,
CHAPEL & ADMIN BLDG -
BASEMENT & 1ST. FLOORS

SHEET:
PC2.2

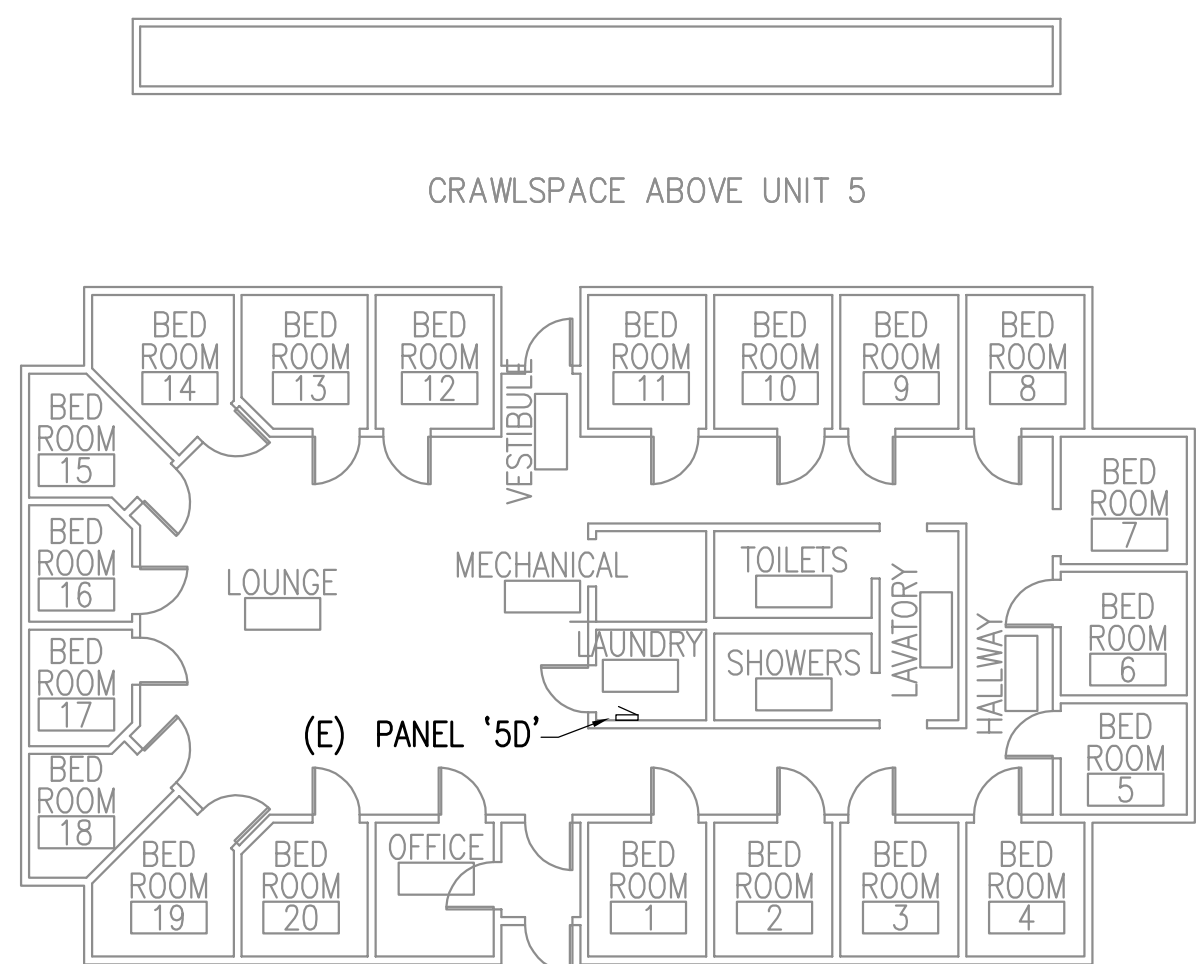
1 PANEL MAP H1
1/16" = 1'-0"



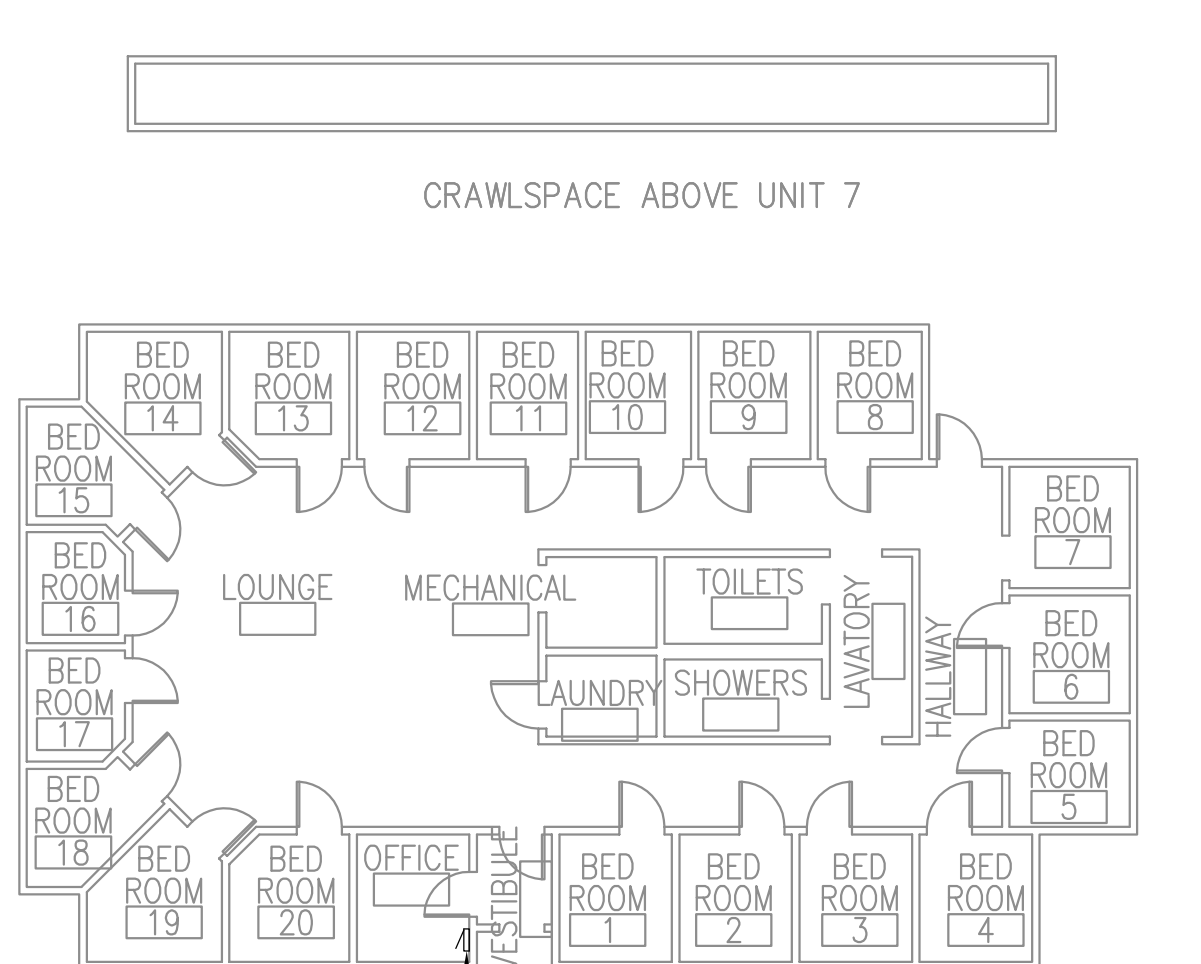
2 PANEL MAP H3
1/16" = 1'-0"



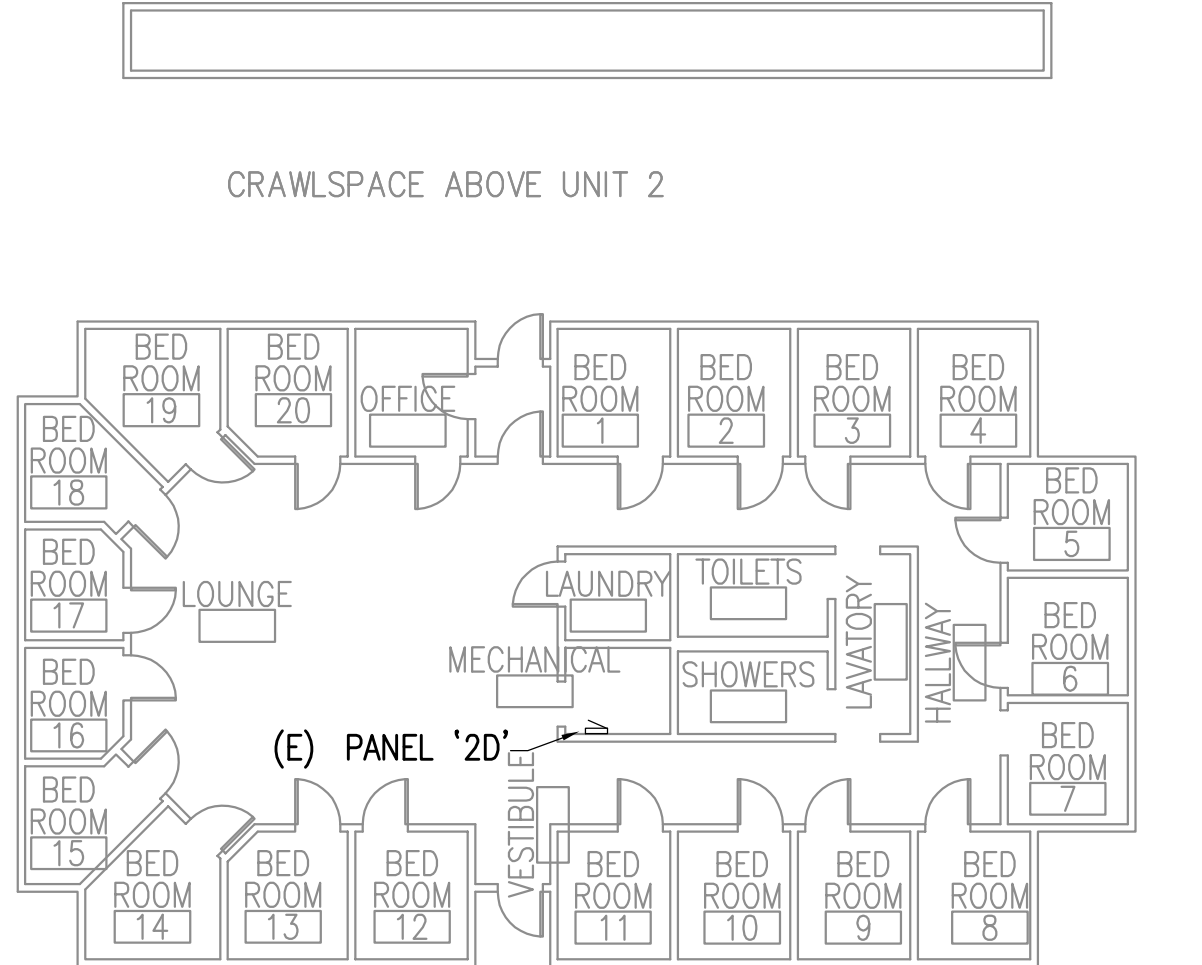
3 PANEL MAP H5
1/16" = 1'-0"



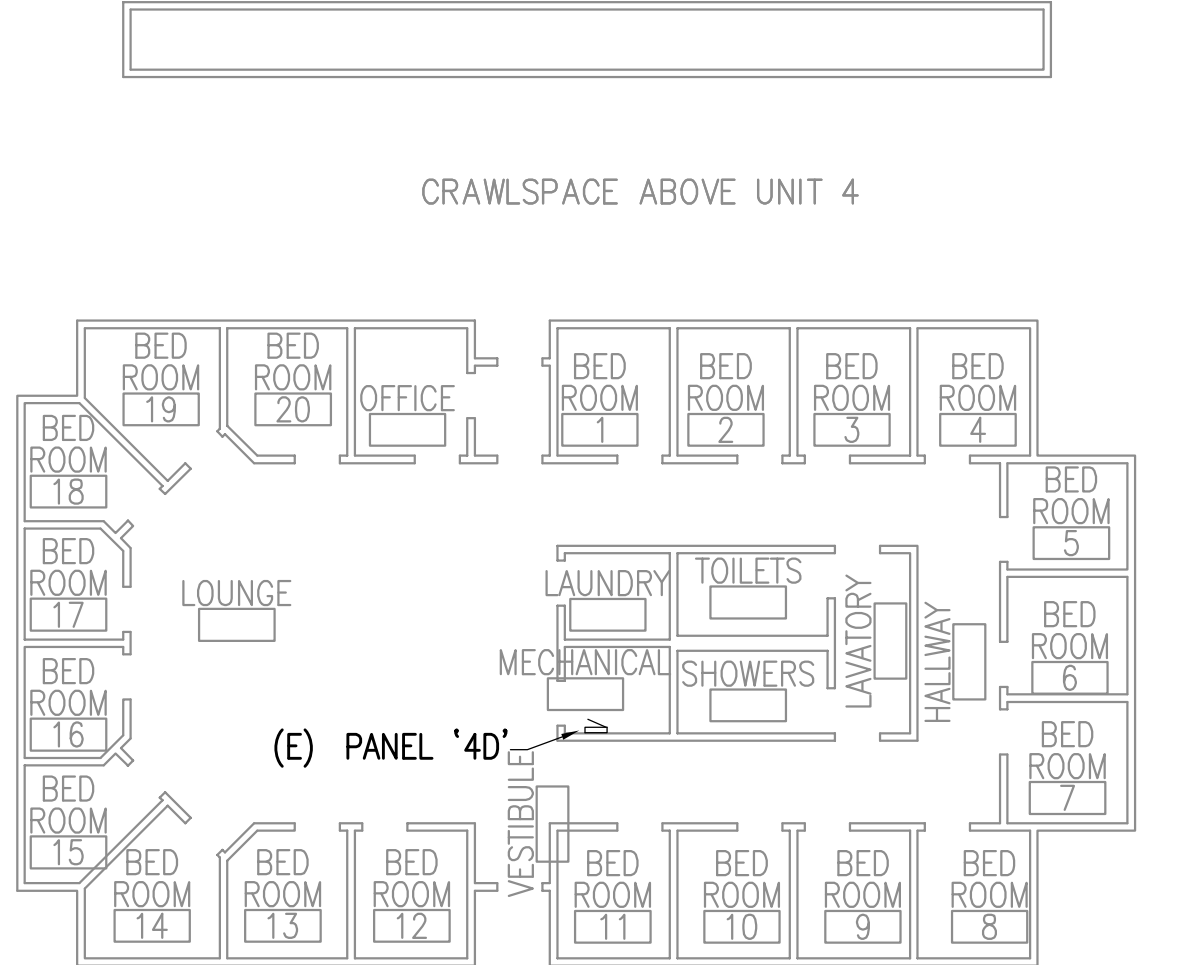
4 PANEL MAP H7
1/16" = 1'-0"



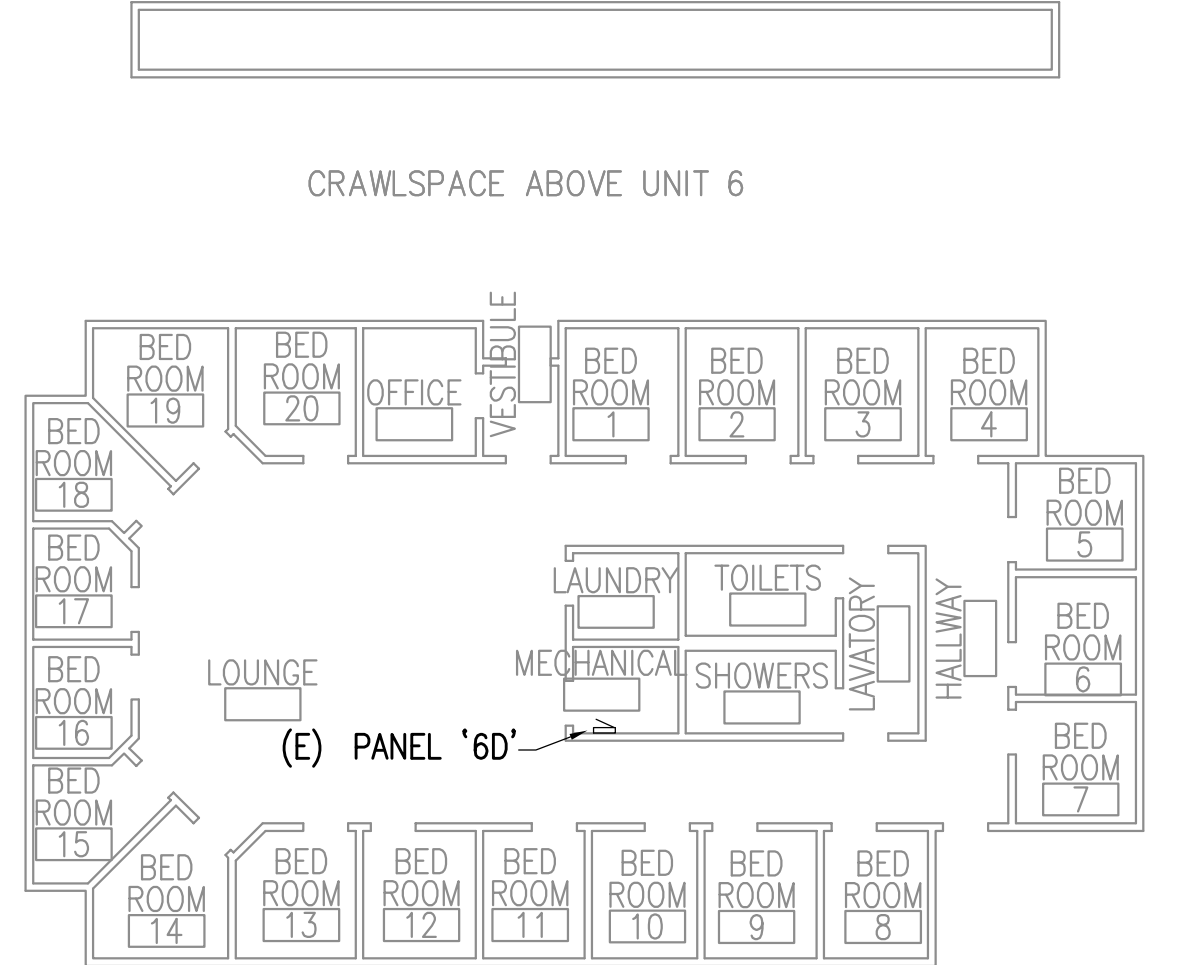
5 PANEL MAP H2
1/16" = 1'-0"



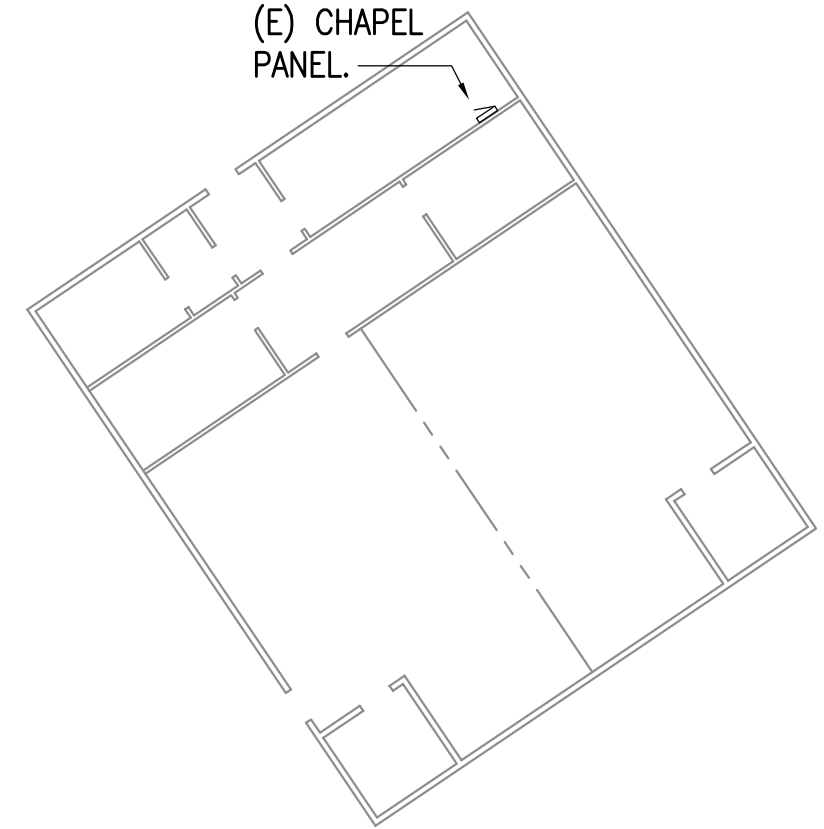
6 PANEL MAP H4
1/16" = 1'-0"



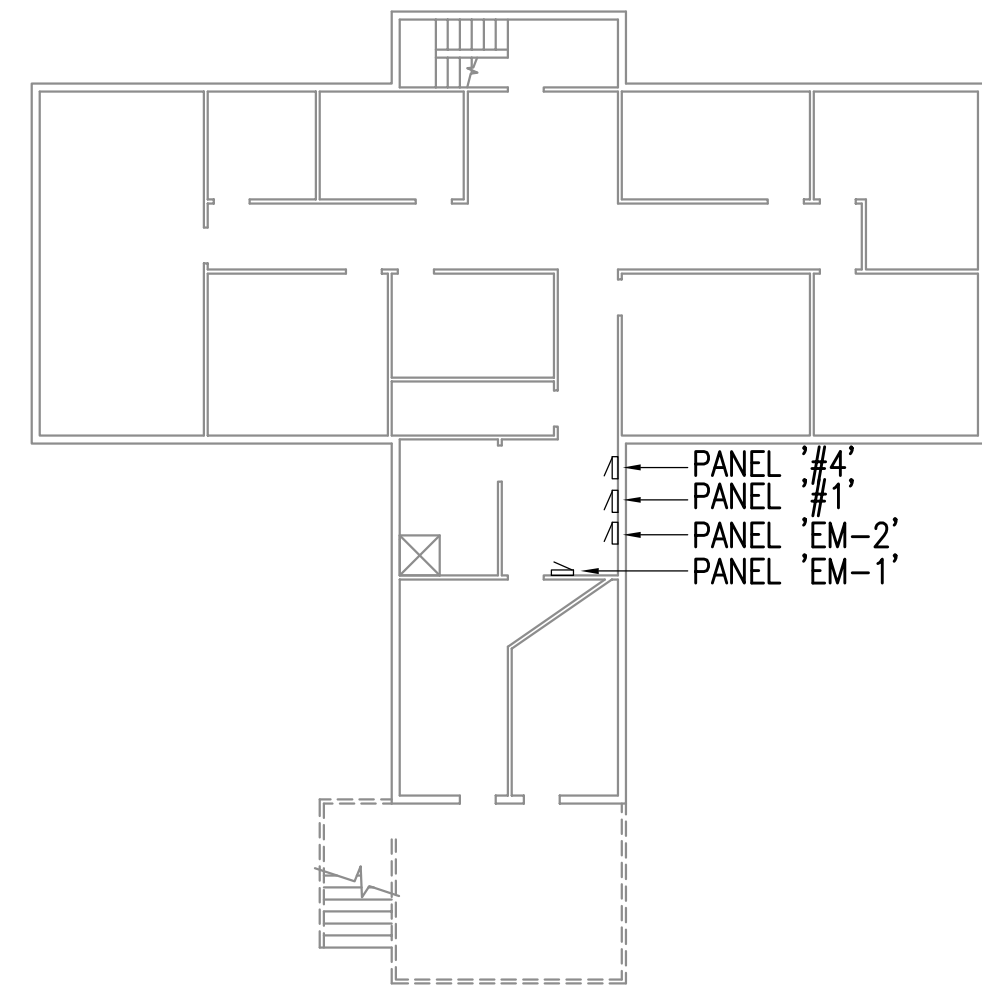
7 PANEL MAP H6
1/16" = 1'-0"



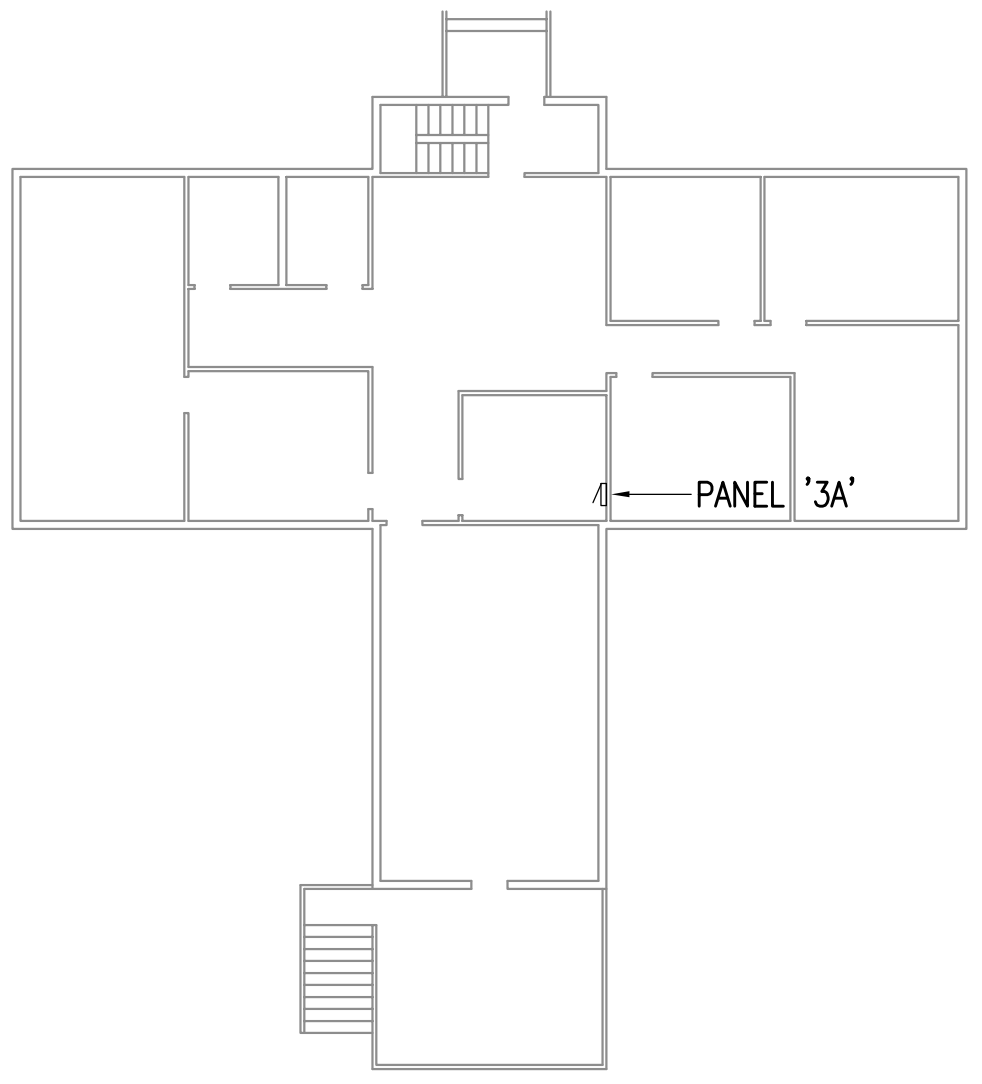
8 PANEL MAP CHAPEL
1/16" = 1'-0"



9 PANEL MAP ADMIN. BLDG. - BASEMENT
1/16" = 1'-0"



10 PANEL MAP ADMIN. BLDG. - 1ST. FLOOR
1/16" = 1'-0"



0"
1"
2"
3"

GENERAL NOTES:

A. SEE 1/PC1.0 FOR LOCATION OF BUILDINGS.

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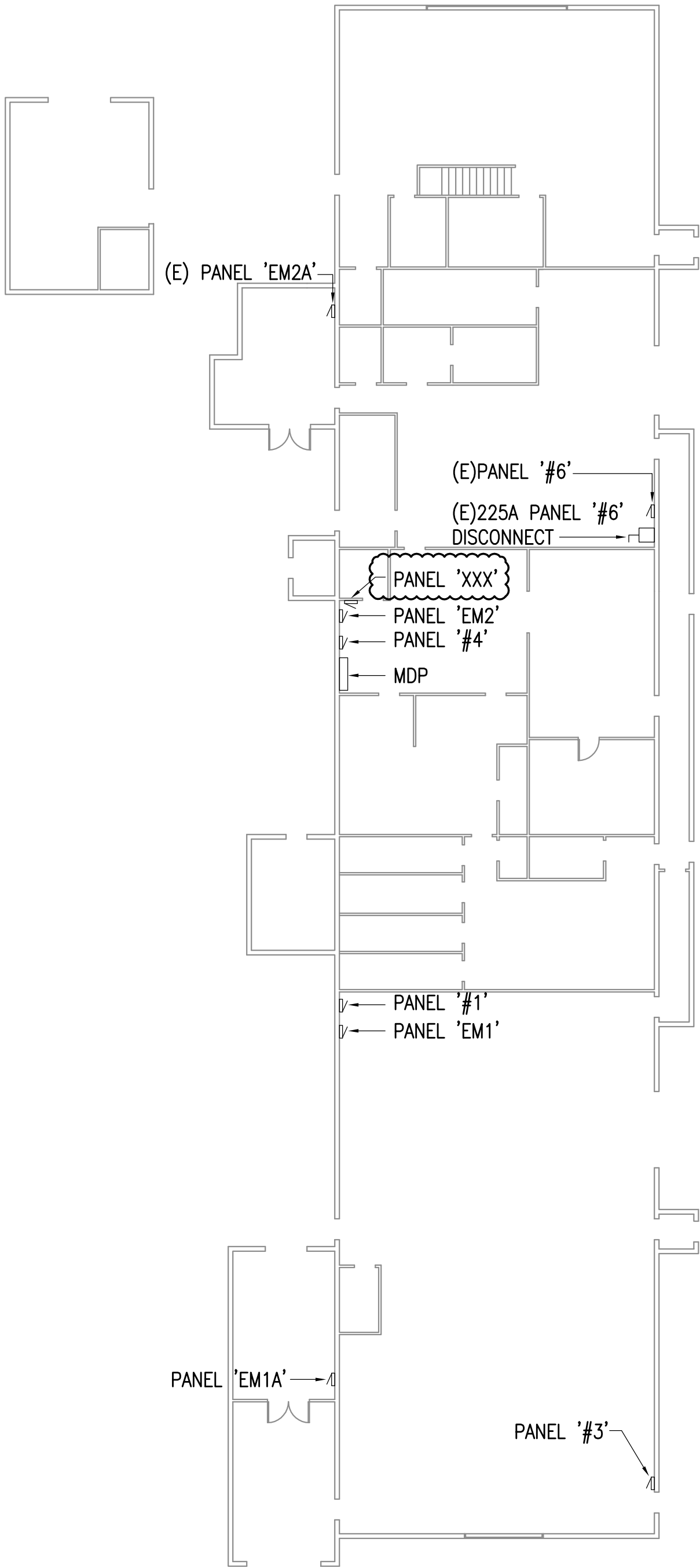
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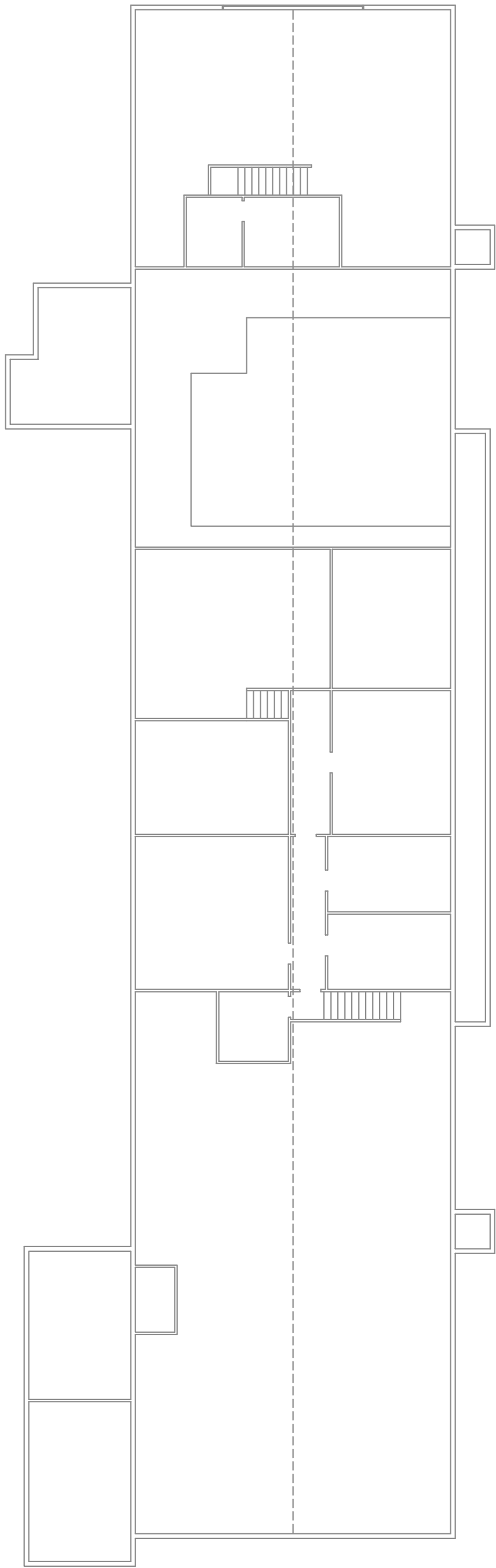
DRAWN BY: MJC
CHECKED BY: JAM
DATE: 10/13/2017
JOB NUMBER: L6206
DWG FILE: L6206_ESERIES

DRAWING TITLE:
PANEL MAP SHOP &
WAREHOUSE -
1ST. & 2ND. FLOORS

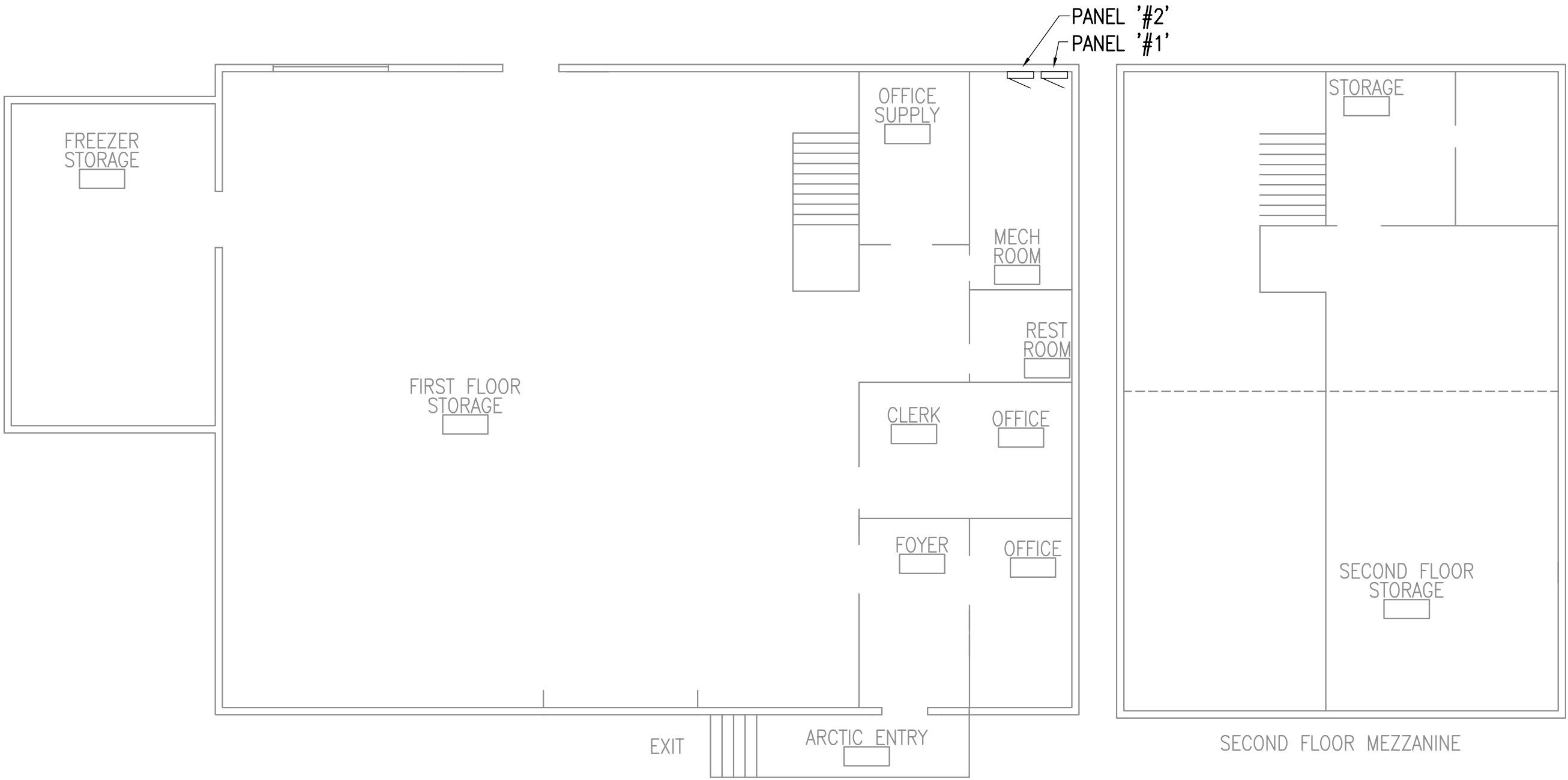
SHEET:
PC2.3



1 PANEL MAP SHOP - 1ST. FLOOR
1/16" = 1'-0"



2 PANEL MAP SHOP - 2ND. FLOOR
1/16" = 1'-0"



3 PANEL MAP SUPPLY BUILDING
1/16" = 1'-0"



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DATE: 10/13/2017
JOB NUMBER: L6206
DWG FILE: L6206_ESERIES

DRAWING TITLE:
PANEL MAP PROGRAM
SUPPORT - 1ST. & 2ND.
FLOORS

SHEET:
PC2.4

(E) 300kVA LOOP
FEED UTILITY TRANSFORMER

(E) 150kVA LOOP
FEED UTILITY TRANSFORMER

(E) 600A SERVICE
ENTRANCE ENCLOSED
CIRCUIT BREAKER.

(E) GENERATOR
DISTRIBUTION
PANEL 'GDP'
(E) 600A
TRANSFER
SWITCH

(E) 600A GENERATOR
CIRCUIT BREAKER

(E) 175kW
GENERATOR

(E) GENERATOR
BLDG PANEL

3 GENERATOR BUILDING PANEL MAP
1/4" = 1'-0"

(E) PANEL 'J1'
(E) PANEL 'J'
(E) PANEL 'J2'

(E) PANEL 'L'

(E) PANEL
'B-1'

(E) PANEL 'N'

(E) 600A STANDBY MAIN DISCONNECT
(E) 1000A MAIN DISCONNECT
(E) 'MDP'

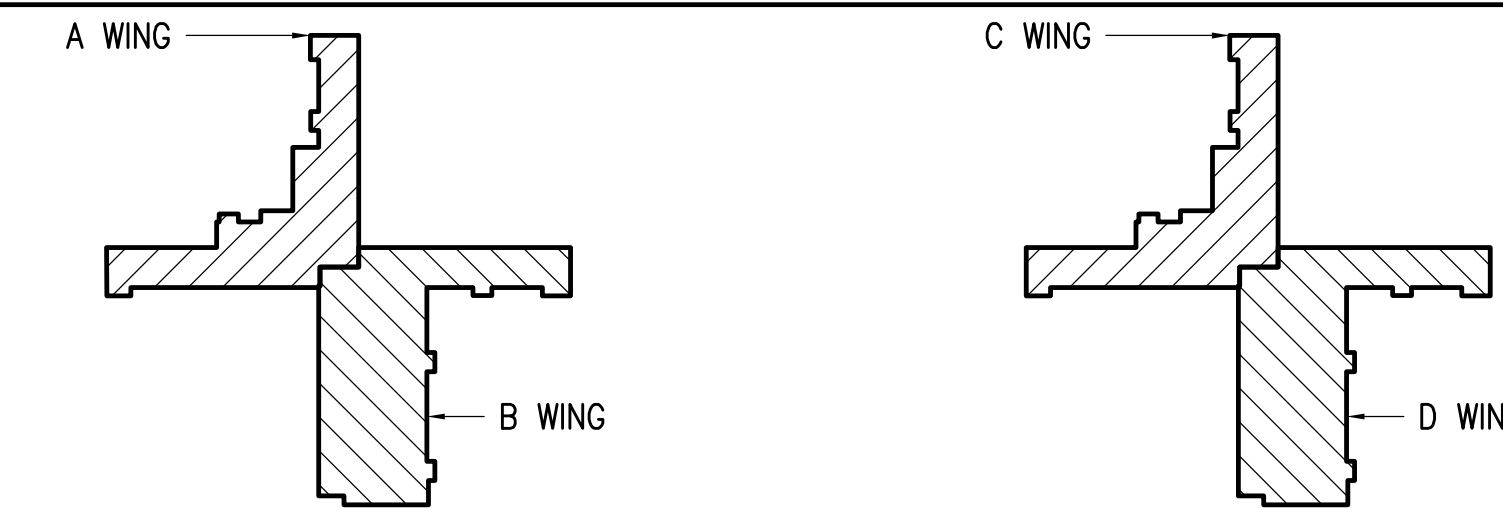
(E) PANEL 'EM GEN'
(E) PANEL 'A'
(E) PANEL 'B'
(E) PANEL 'C'
(E) PANEL 'D'

(E) PANEL 'E'

(E) PANEL 'F'

1 PROGRAM & SUPPORT BUILDING PANEL MAP - BASEMENT C & D WING
1/16" = 1'-0"

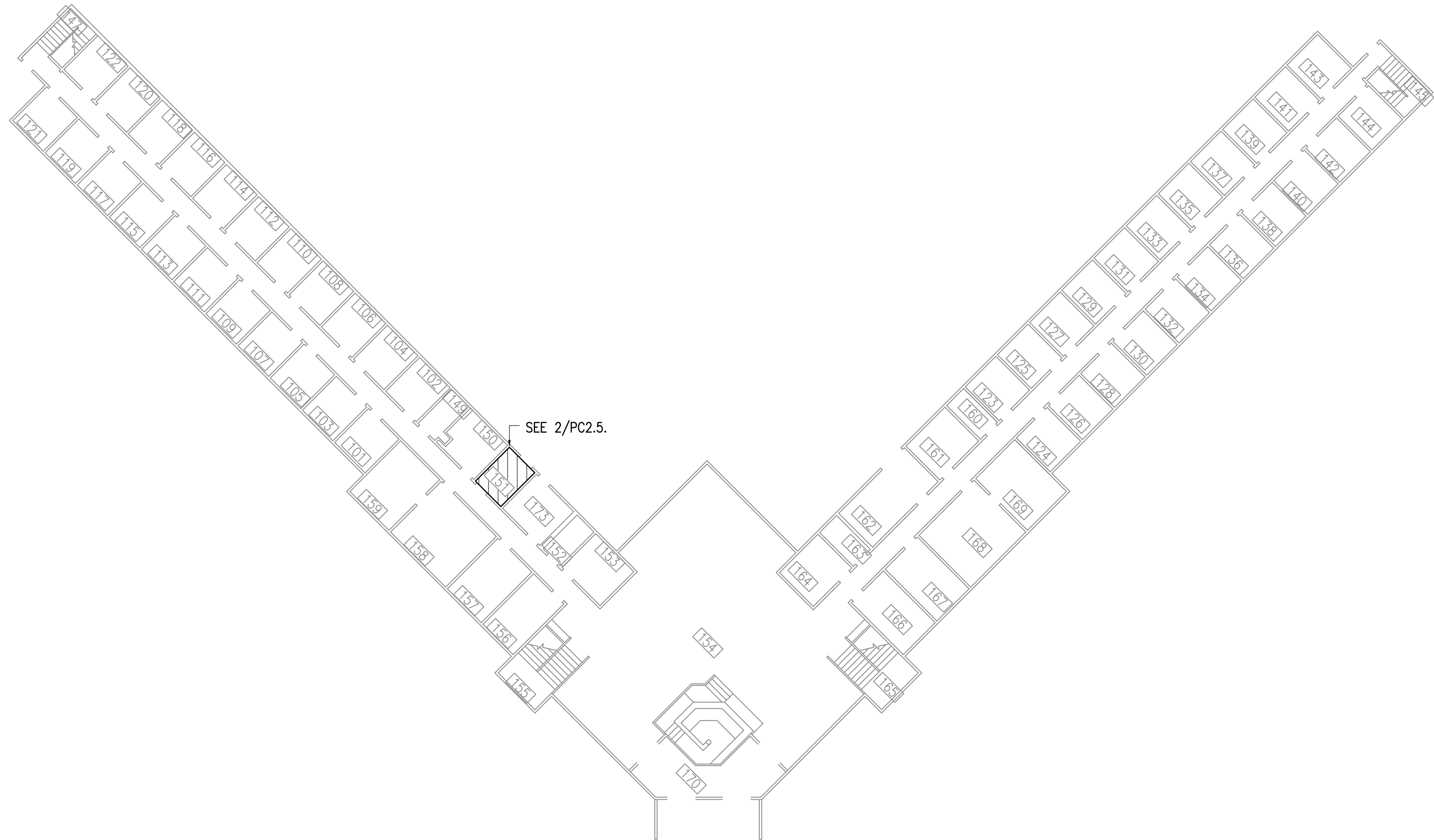
2 PROGRAM & SUPPORT BUILDING PANEL MAP - 1ST. FLOOR A & B WING
1/16" = 1'-0"



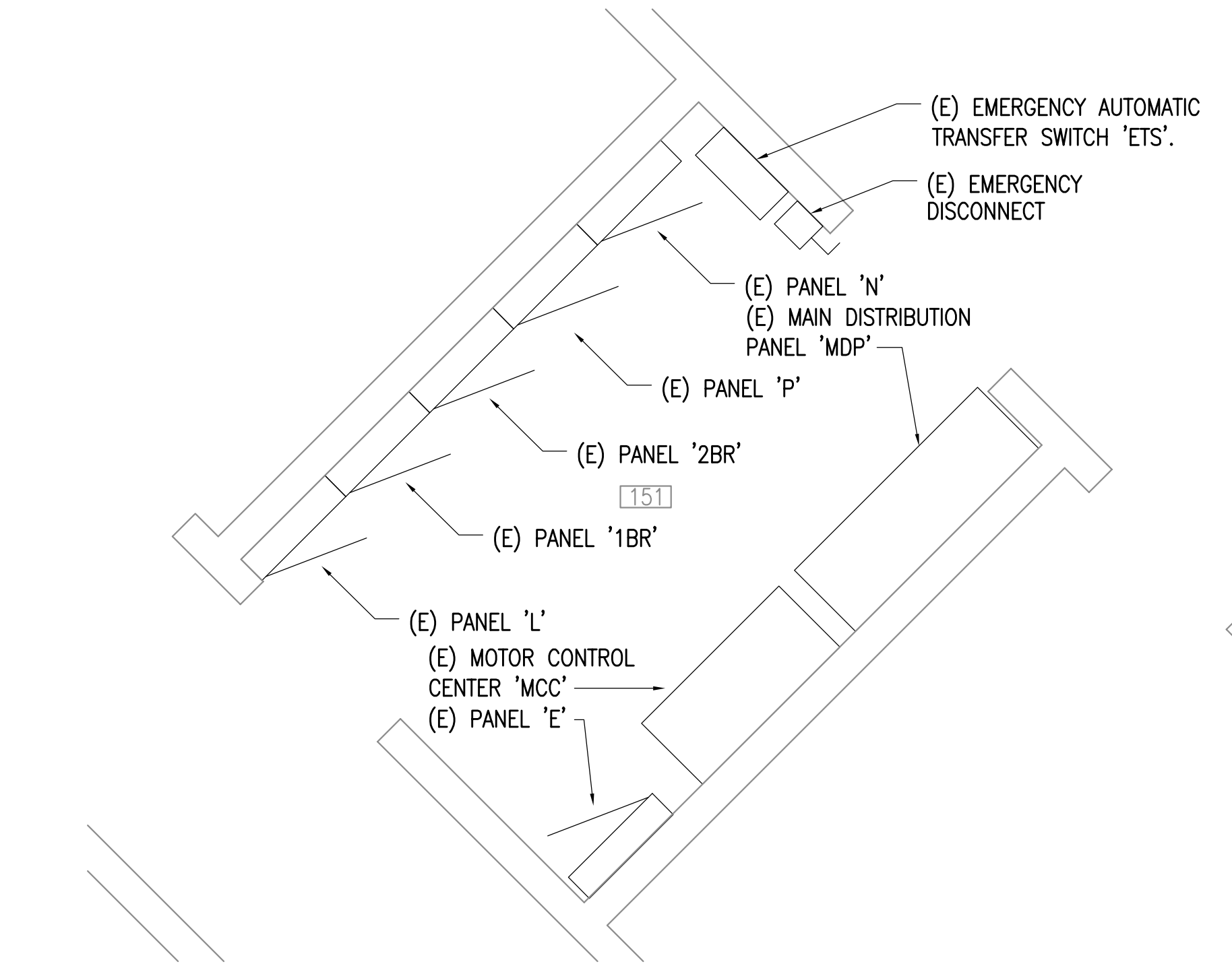
KEY PLAN - 1ST. FLOOR
A & B WING
NO SCALE

KEY PLAN - BASEMENT
C & D WING
NO SCALE

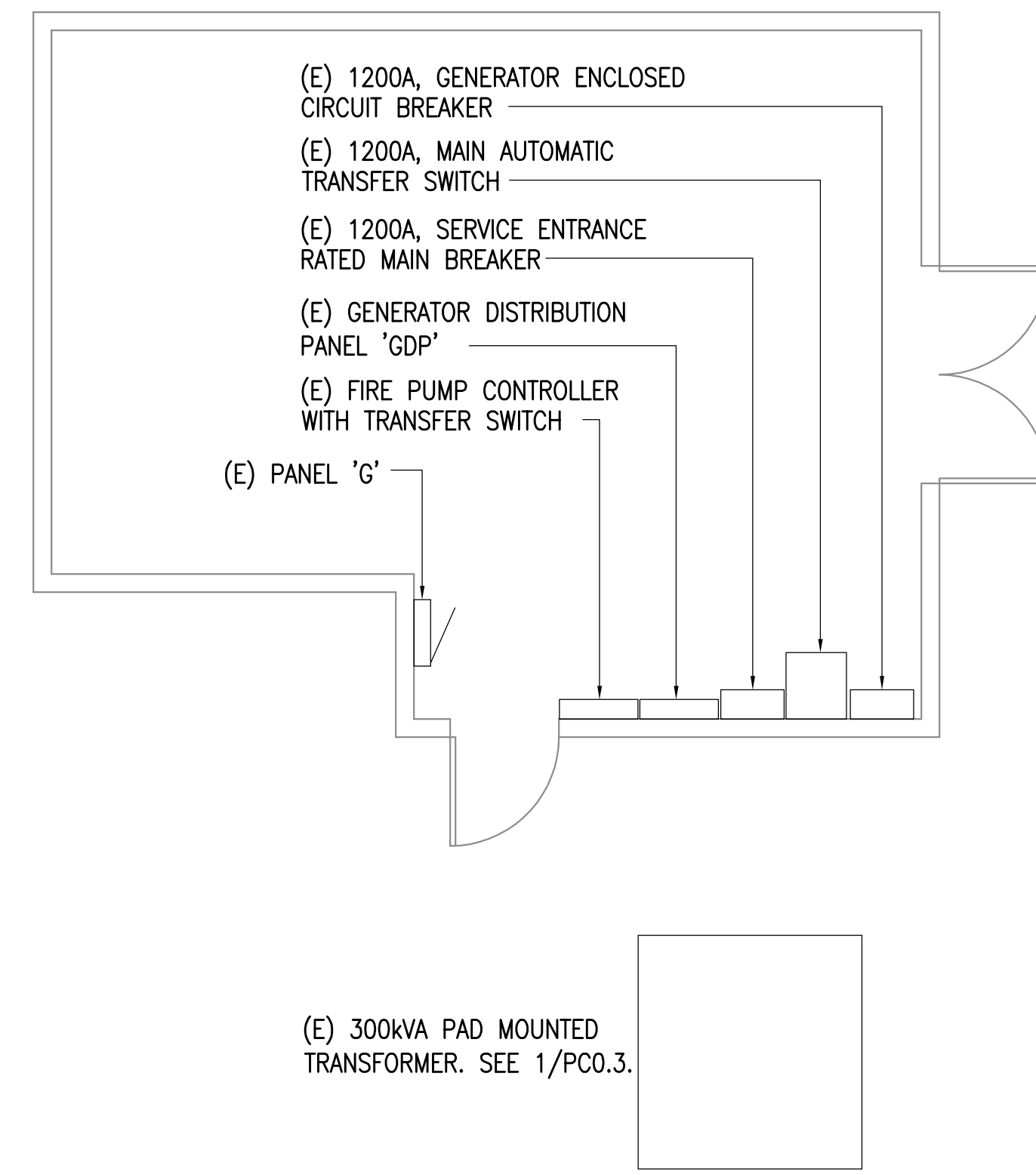
0"
1"
2"
3"



1 MINIMUM SECURITY HOUSING PANEL MAP - 1ST. FLOOR
1/16" = 1'-0"



2 ENLARGED ELECTRICAL ROOM 151 PANEL MAP
1/2" = 1'-0"



3 GENERATOR BUILDING PANEL MAP
1/4" = 1'-0"

GENERAL NOTES:
A. SEE 1/PC1.0 FOR LOCATION OF BUILDINGS.

REFERENCE
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DWG FILE: L6206_ESERIES

DRAWING TITLE:
MINIMUM SECURITY
HOUSING & GENERATOR
BUILDING PANEL MAPS

SHEET:
PC2.5