FEEDER SCHEDULE

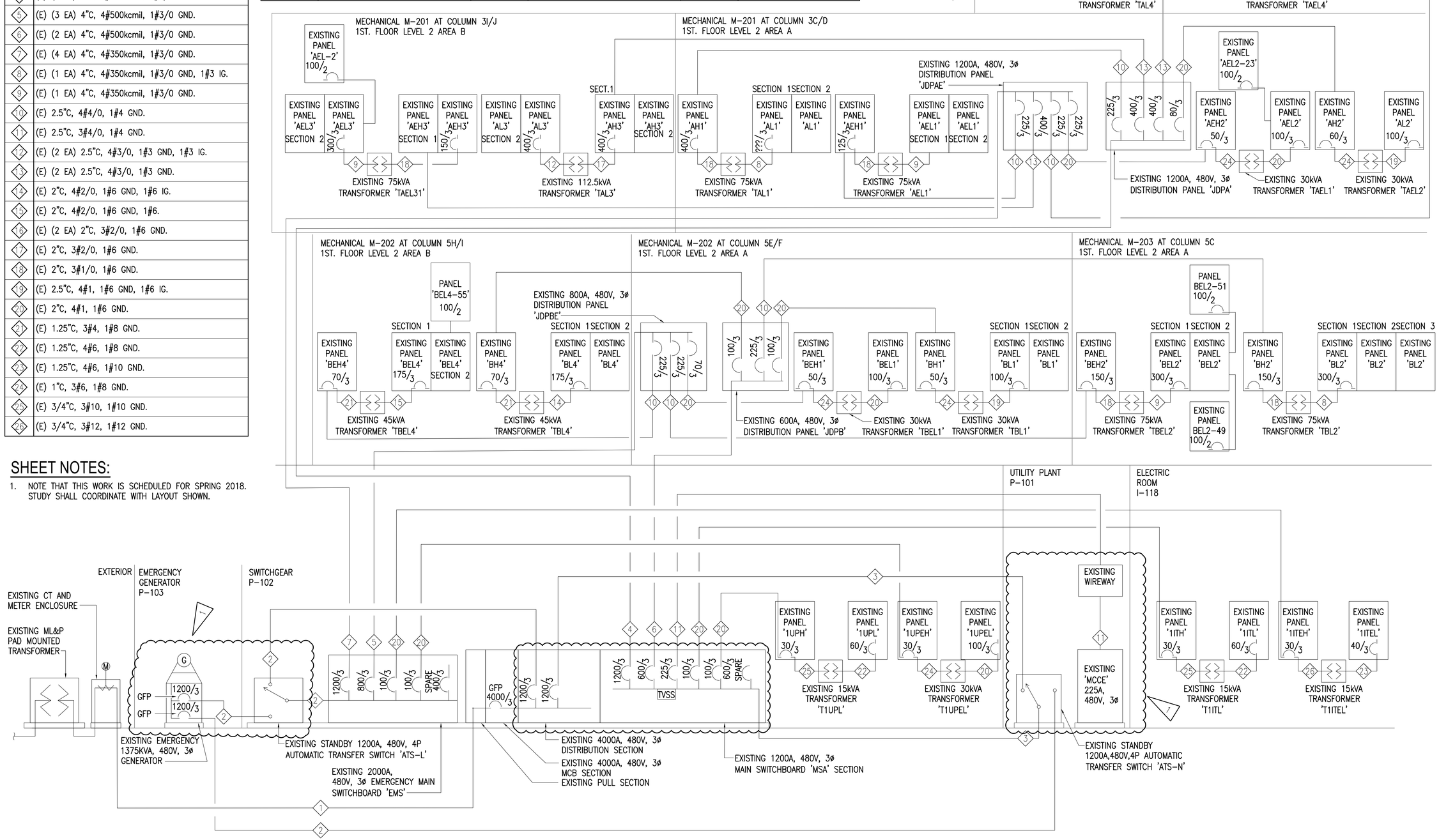
FEEDER TAG	CONDUIT, PHASE CONDUCTORS, NEUTRAL, GROUND AND ISOLATED GROUND
1	(E) (10 EA) 4"C, 4#750kcmil AL, 1#500kcmil AL GND.
2	(E) (3 EA) 3.5"C, 4#600kcmil AL, 1#400kcmil AL GND.
3	(E) (4 EA) 3"C, 4#350kcmil, 1#250kcmil GND.
4	(E) (3 EA) 4"C, 4#600kcmil, 1#3/0 GND.
5	(E) (3 EA) 4"C, 4#500kcmil, 1#3/0 GND.
6	(E) (2 EA) 4"C, 4#500kcmil, 1#3/0 GND.
7	(E) (4 EA) 4"C, 4#350kcmil, 1#3/0 GND.
8	(E) (1 EA) 4"C, 4#350kcmil, 1#3/0 GND, 1#3 IG.
9	(E) (1 EA) 4"C, 4#350kcmil, 1#3/0 GND.
10	(E) 2.5"C, 4#4/0, 1#4 GND.
11	(E) 2.5"C, 3#4/0, 1#4 GND.
12	(E) (2 EA) 2.5"C, 4#3/0, 1#3 GND, 1#3 IG.
13	(E) (2 EA) 2.5"C, 4#3/0, 1#3 GND.
14	(E) 2"C, 4#2/0, 1#6 GND, 1#6 IG.
15	(E) 2"C, 4#2/0, 1#6 GND, 1#6.
16	(E) (2 EA) 2"C, 3#2/0, 1#6 GND.
17	(E) 2"C, 3#2/0, 1#6 GND.
18	(E) 2"C, 3#1/0, 1#6 GND.
19	(E) 2.5"C, 4#1, 1#6 GND, 1#6 IG.
20	(E) 2"C, 4#1, 1#6 GND.
21	(E) 1.25"C, 3#4, 1#8 GND.
22	(E) 1.25"C, 4#6, 1#8 GND.
23	(E) 1.25"C, 4#6, 1#10 GND.
24	(E) 1"C, 3#6, 1#8 GND.
25	(E) 3/4"C, 3#10, 1#10 GND.
26	(E) 3/4"C, 3#12, 1#12 GND.

LEGEND

1	NOTE TAG (No. INDICATES NOTE)	EM	DENOTES EMERGENCY POWER	NEC	NATIONAL ELECTRICAL CODE
AFF	ABOVE FINISHED FLOOR	GFCI	GROUND FAULT CIRCUIT INTERRUPTER	NTS	NOT TO SCALE
AFG	ABOVE FINISHED GRADE	GRSC	GALVANIZED RIGID STEEL CONDUIT	TYP	TYPICAL
C	CONDUIT	IG	ISOLATED GROUND	UON	UNLESS OTHERWISE NOTED
CO	CONDUIT ONLY	MCB	MAIN CIRCUIT BREAKER		
E	DENOTES EXISTING ITEM	MLO	MAIN LUGS ONLY		

SHEET NOTES:

1. NOTE THAT THIS WORK IS SCHEDULED FOR SPRING 2018. STUDY SHALL COORDINATE WITH LAYOUT SHOWN.



1 ACC EAST BUILDING 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
Anchorage Correctional Complex
Anchorage, AK

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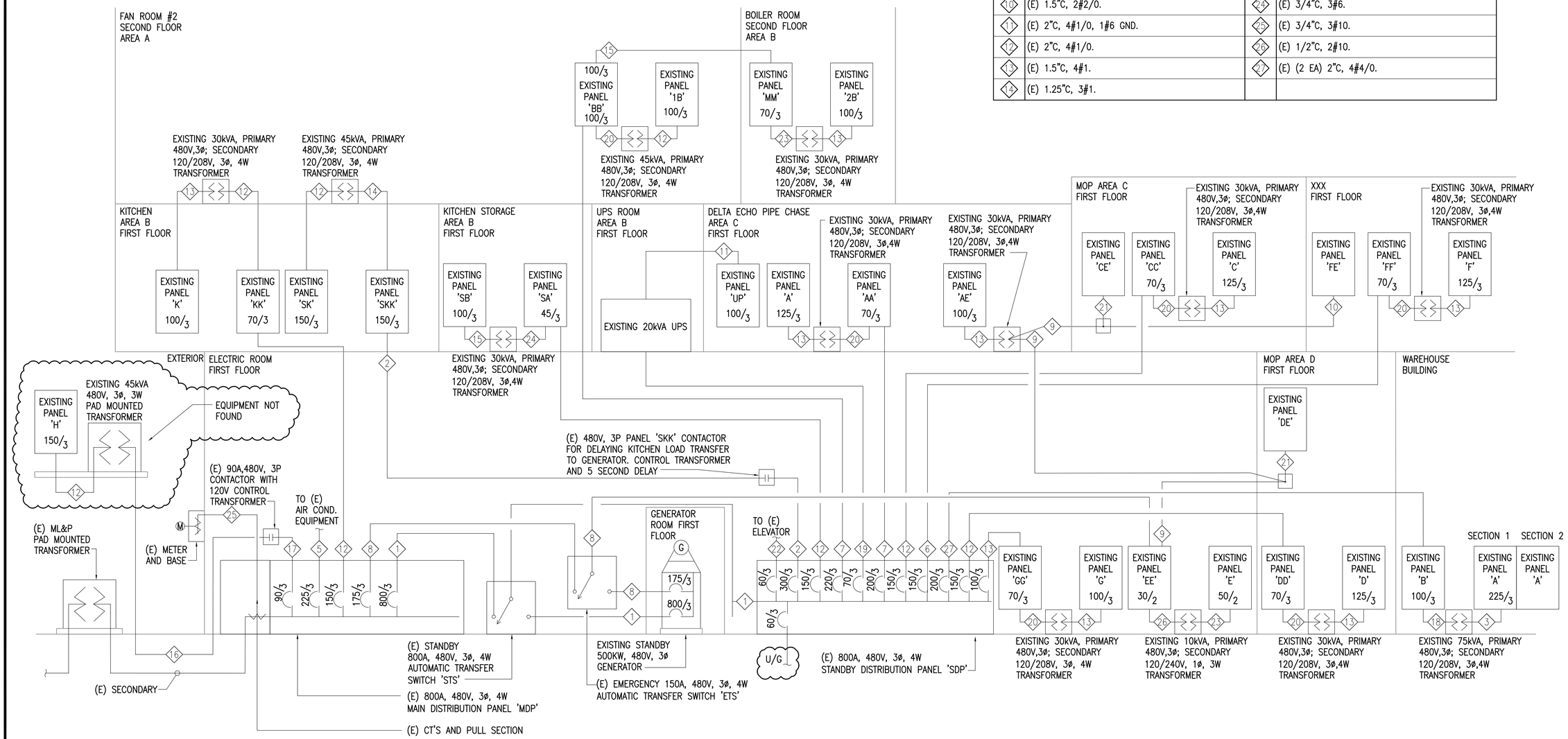
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CHECKED BY: JAM
DATE: 10/13/2017
JOB NUMBER: L6206
DWG FILE: L6206_ESERIES

DRAWING TITLE:
ACC EAST BUILDING POWER ONE-LINE DIAGRAM & LEGEND

SHEET:
AC0.1

FEEDER SCHEDULE

FEEDER TAG	CONDUIT, PHASE CONDUCTORS, NEUTRAL, GROUND AND ISOLATED GROUND	FEEDER TAG	CONDUIT, PHASE CONDUCTORS, NEUTRAL, GROUND AND ISOLATED GROUND
1	(E) (2 EA) 3.5"C, 4#500kcmil.	15	(E) 1.25"C, 4#2.
2	(E) 3"C, 3#350kcmil, 1#3/0 N.	16	(E) 1.25"C, 3#2, 1#8 GND.
3	(E) 2.5"C, 4#350kcmil.	17	(E) 1.25"C, 3#2.
4	(E) 2"C, 4#4/0.	18	(E) 1"C, 3#2.
5	(E) 2"C, 3#4/0.	19	(E) 1"C, 3#4, 1#8 GND.
6	(E) 2"C, 4#3/0.	20	(E) 1"C, 3#4.
7	(E) 2"C, 3#3/0, 1#1/0 N.	21	(E) 1"C, 2#4.
8	(E) 2"C, 4#2/0.	22	(E) 3/4"C, 3#8.
9	(E) 2"C, 3#2/0.	23	(E) 1"C, 3#6.
10	(E) 1.5"C, 2#2/0.	24	(E) 3/4"C, 3#6.
11	(E) 2"C, 4#1/0, 1#6 GND.	25	(E) 3/4"C, 3#10.
12	(E) 2"C, 4#1/0.	26	(E) 1/2"C, 2#10.
13	(E) 1.5"C, 4#1.	27	(E) (2 EA) 2"C, 4#4/0.
14	(E) 1.25"C, 3#1.		



1 ACC WEST BUILDING POWER ONE-LINE DIAGRAM
NTS

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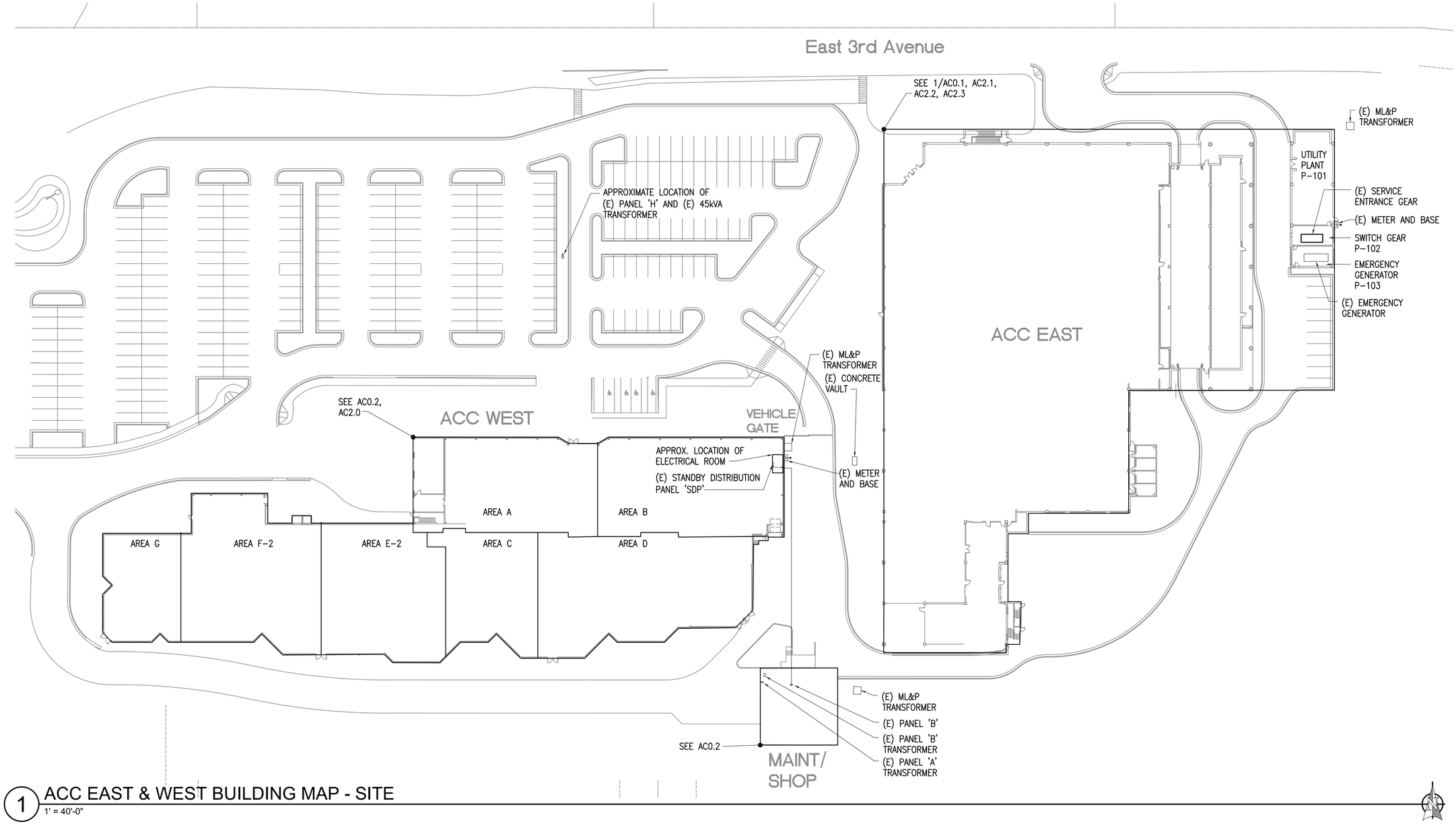
State of Alaska
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Anchorage Correction Complex
Anchorage, AK

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

DRAWING TITLE:
ACC WEST BUILDING POWER ONE-LINE DIAGRAM

SHEET:
AC0.2



1 ACC EAST & WEST BUILDING MAP - SITE
1' = 40'-0"

REFERENCE ONLY

ELECTRICAL ENGINEER
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670 W. Fireweed Ln., Suite 200
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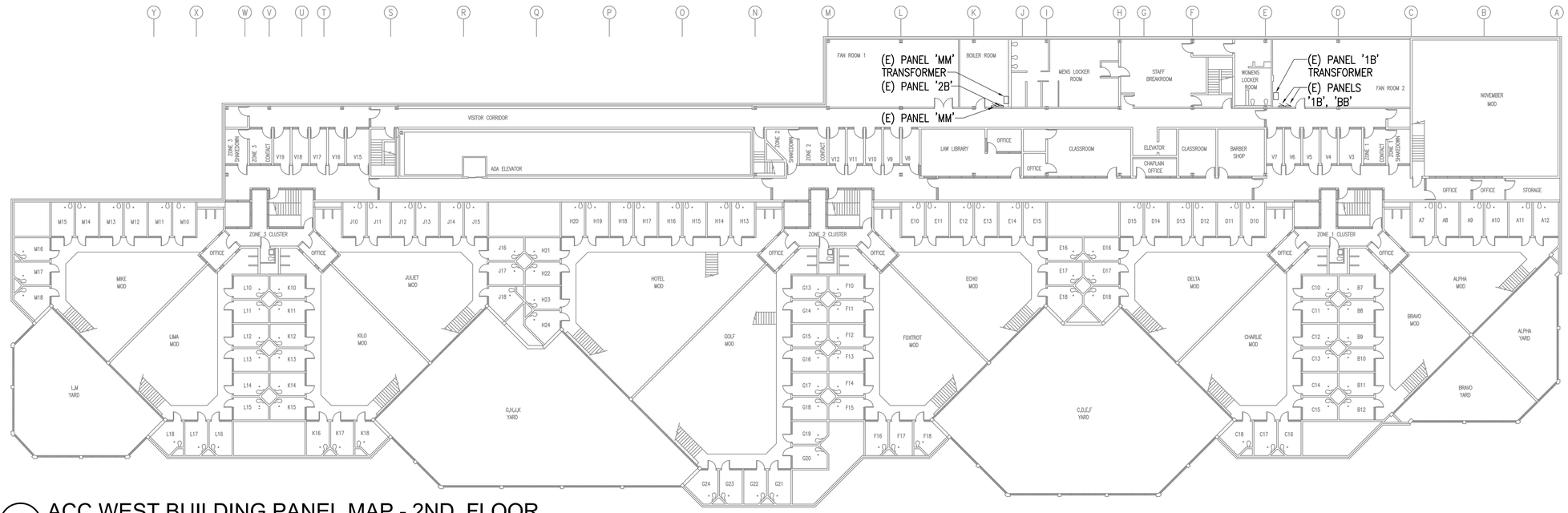
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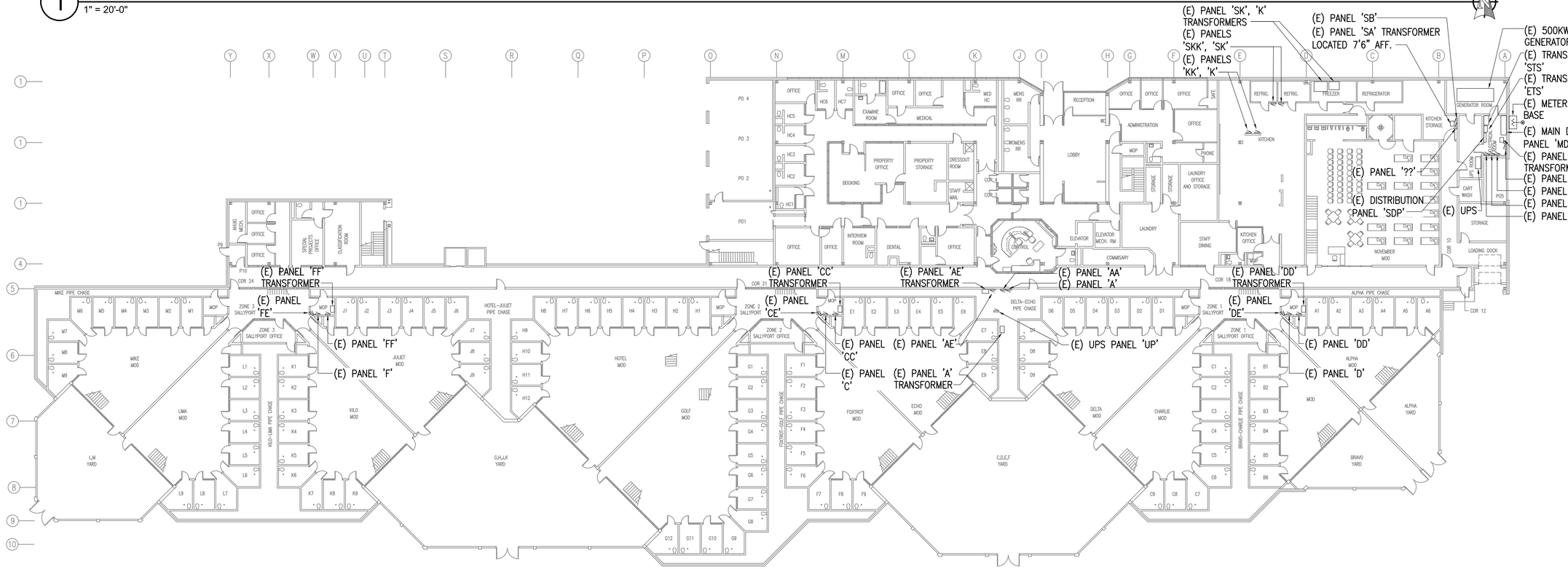
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ACC EAST & WEST BUILDING MAP - SITE

SHEET:
AC1.0



1 ACC WEST BUILDING PANEL MAP - 2ND. FLOOR

1" = 20'-0"



1 ACC WEST BUILDING PANEL MAP - 1ST. FLOOR

1" = 20'-0"

REFERENCE ONLY

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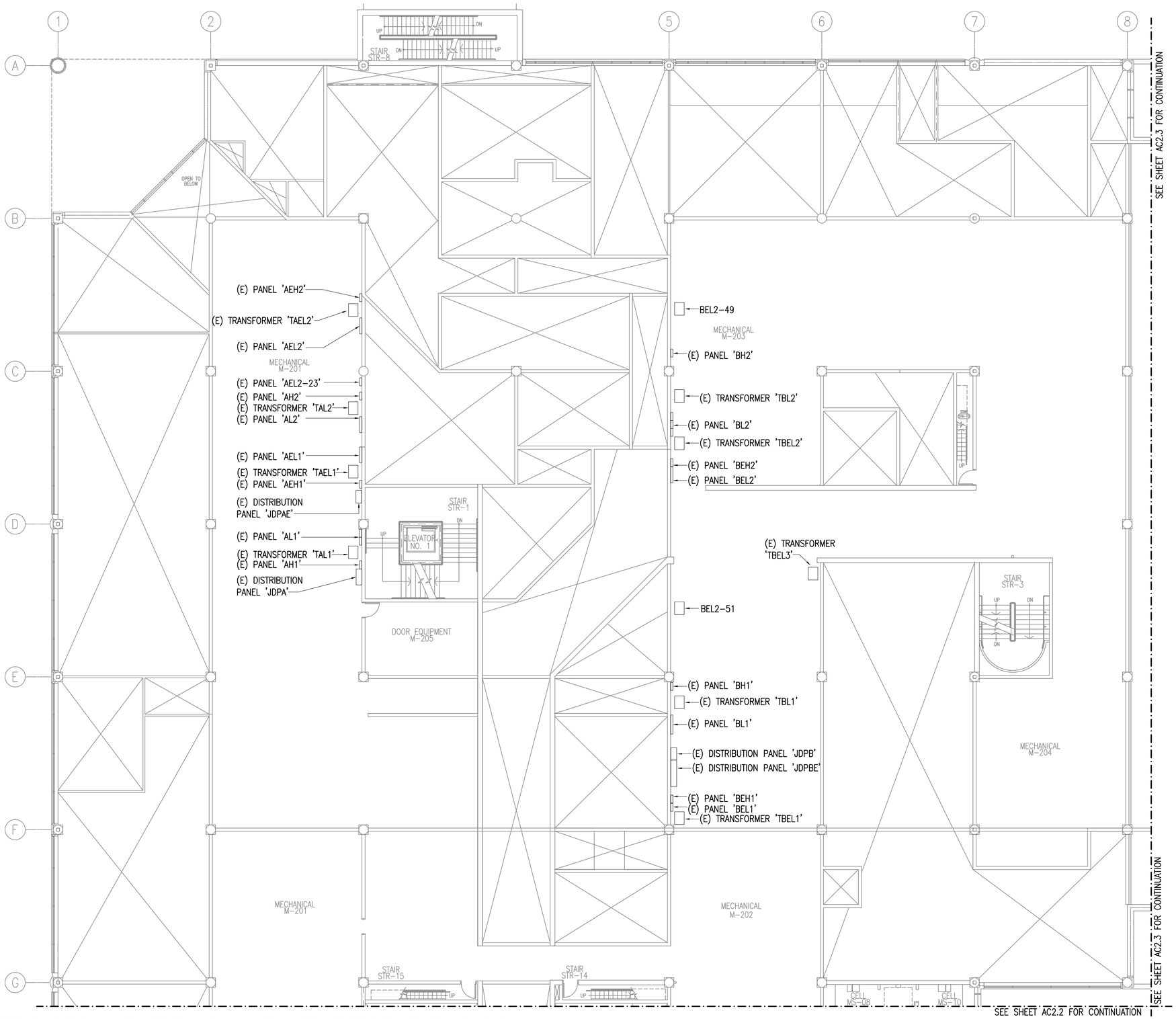
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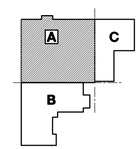
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ACC WEST BUILDING PANEL MAP - 1ST. & 2ND. FLOORS

SHEET:
AC2.0



1 ACC EAST BUILDING PANEL MAP - 1ST. FLOOR LEVEL 2 AREA A

3/32" = 1'-0"



KEY PLAN - 1ST FLOOR

NO SCALE

REFERENCE ONLY

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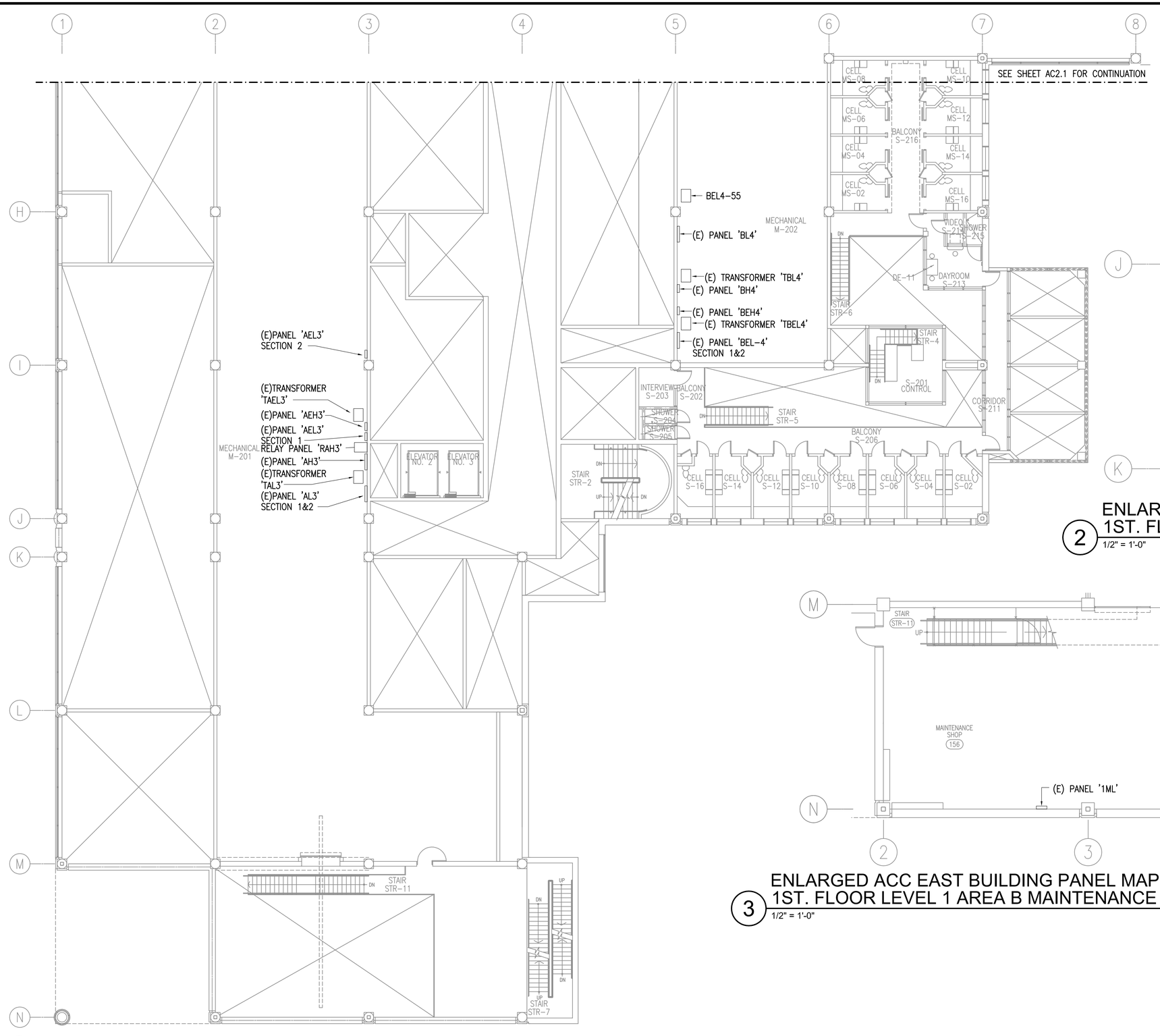
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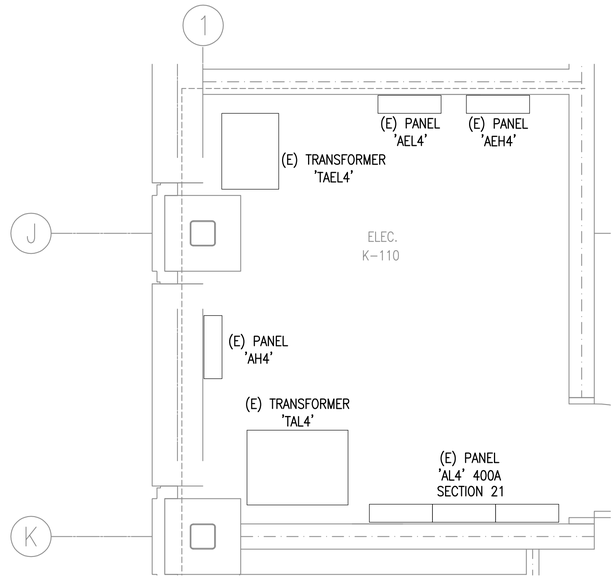
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ACC EAST BUILDING PANEL MAP - 1ST. FLOOR LEVEL 2 AREA A

SHEET:
AC2.1

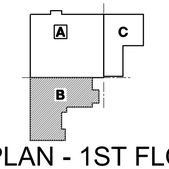


1 ACC EAST BUILDING PANEL MAP - 1ST. FLOOR LEVEL 2 AREA B
3/32" = 1'-0"



2 ENLARGED ACC EAST BUILDING PANEL MAP - 1ST. FLOOR LEVEL 1 AREA B ELEC. K-110
1/2" = 1'-0"

3 ENLARGED ACC EAST BUILDING PANEL MAP - 1ST. FLOOR LEVEL 1 AREA B MAINTENANCE SHOP 156
1/2" = 1'-0"



KEY PLAN - 1ST FLOOR
NO SCALE

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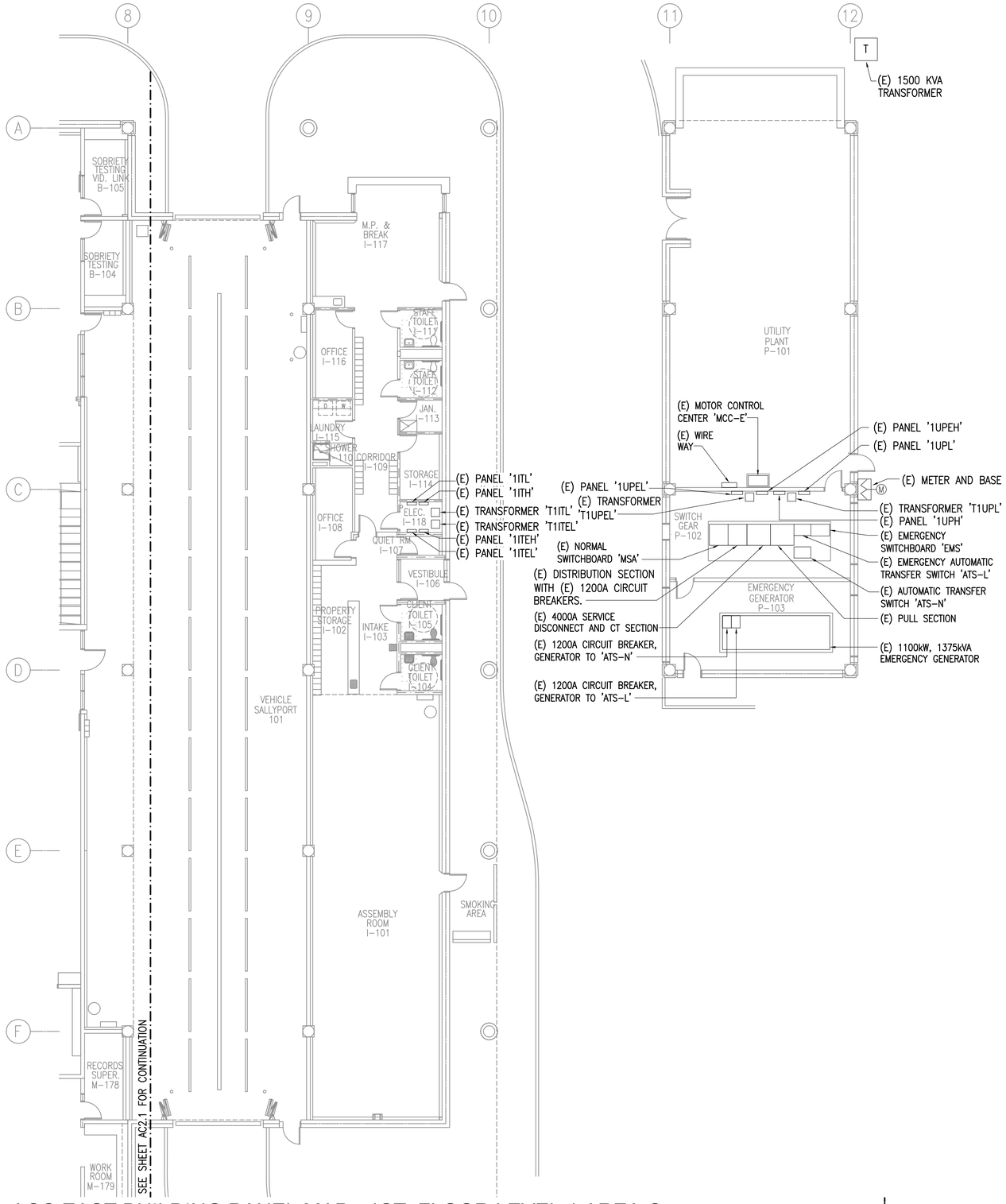
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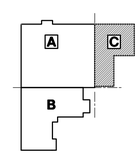
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ACC EAST BUILDING PANEL MAP - 1ST. FLOOR LEVELS 1 & 2 AREA B

SHEET:
AC2.2



1 ACC EAST BUILDING PANEL MAP - 1ST. FLOOR LEVEL 1 AREA C

3/32" = 1'-0"



KEY PLAN - 1ST FLOOR

NO SCALE

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DRAWING TITLE:
ACC EAST BUILDING PANEL MAP - 1ST. FLOOR LEVELS 1 & 2 AREA C

SHEET:
AC2.3