

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  
 Mat-Su Pre-Trial  
 Palmer, AK

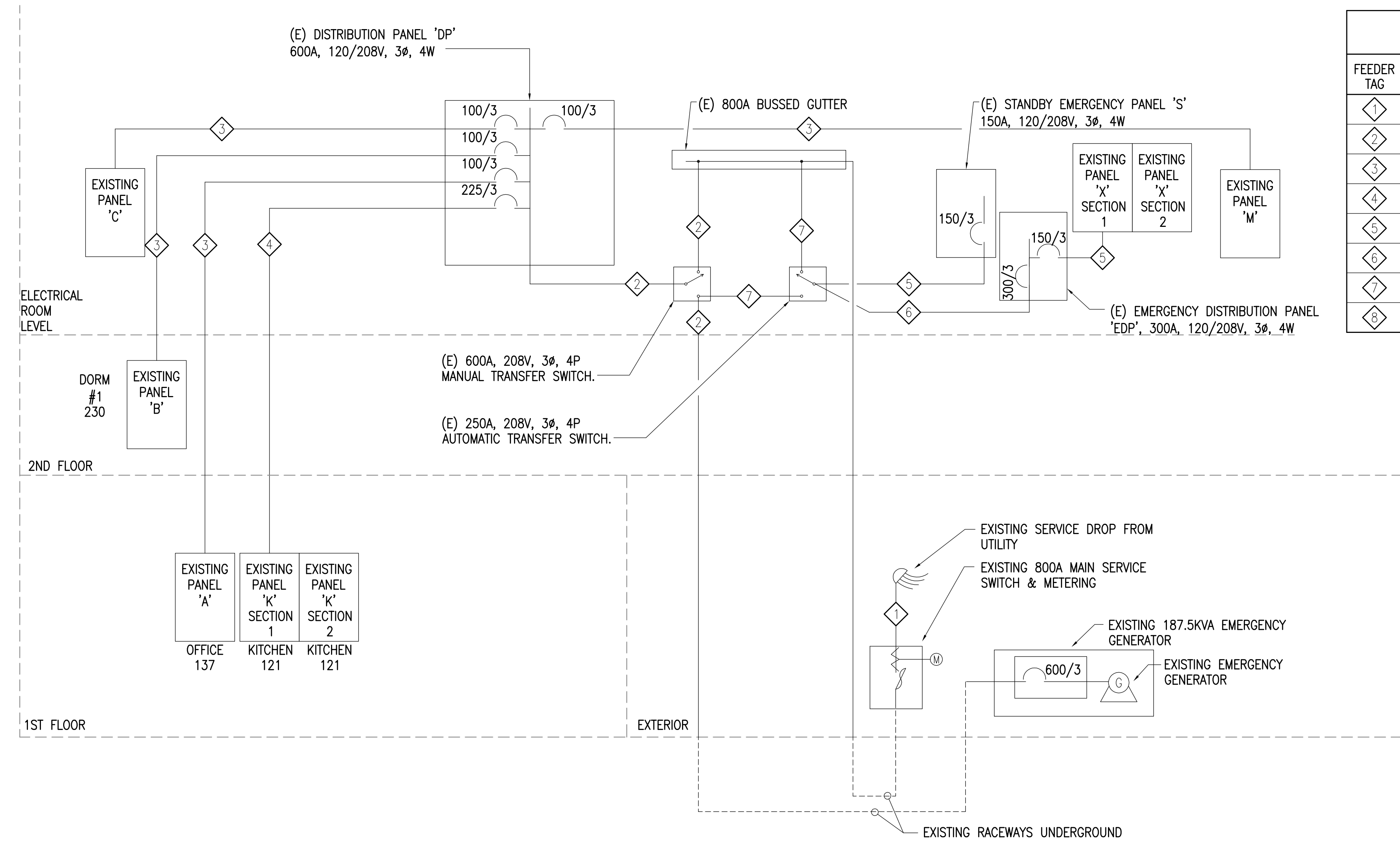
REVISIONS:

DRAWN BY: RWM  
 CHECKED BY: JAM  
 DATE: 10/13/2017  
 JOB NUMBER: L6206  
 DWG FILE: L6206-ESERIES

DRAWING TITLE:  
 MAT-SU PRETRIAL  
 POWER ONE-LINE  
 DIAGRAM

SHEET:  
 MP0.1

FEEDER SCHEDULE	
FEEDER TAG	CONDUIT, PHASE CONDUCTORS, NEUTRAL, AND GROUND
1	(E) (3 EA) 3" C, 4#350kcmil
2	(E) (2 EA) 3" C, 4#350kcmil
3	(E) 1.25" C, 4#3
4	(E) 2.5" C, 4#4/0
5	(E) 2" C, 4#1/0
6	(E) 3" C, 4#350kcmil
7	(E) 3" C, 4#300kcmil
8	(E) 1.25" C, 4#4, 1#6 GND.



1 MATSU PRE-TRIAL ONE-LINE DIAGRAM  
 NTS

0"  
 1"  
 2"  
 3"

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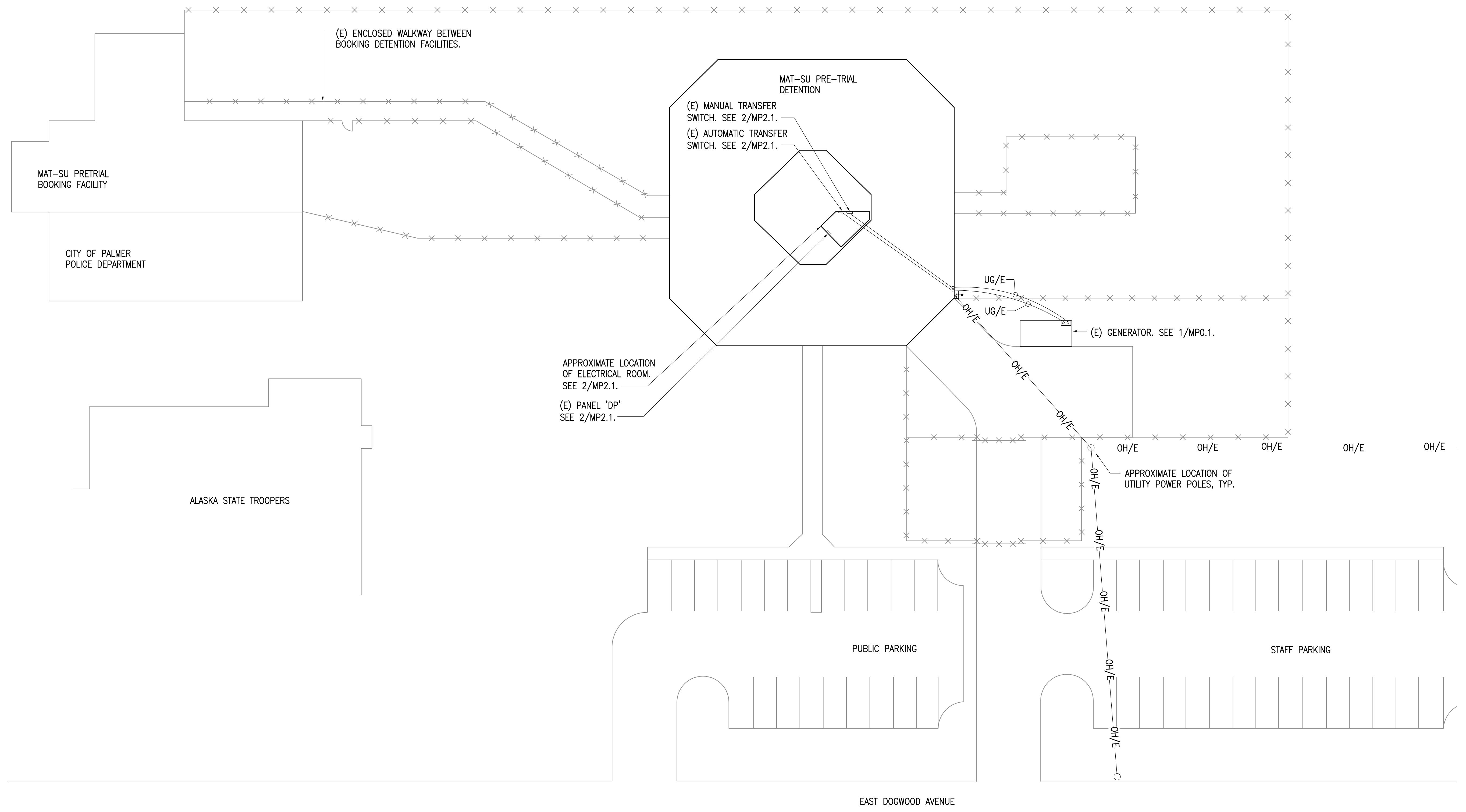
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DRAWING TITLE:  
MAT-SU PRETRIAL  
BUILDING MAP

SHEET:  
MP1.0

0"  
1"  
2"  
3"



**1** MAT-SU PRETRIAL BUILDING MAP  
1" = 20'-0"



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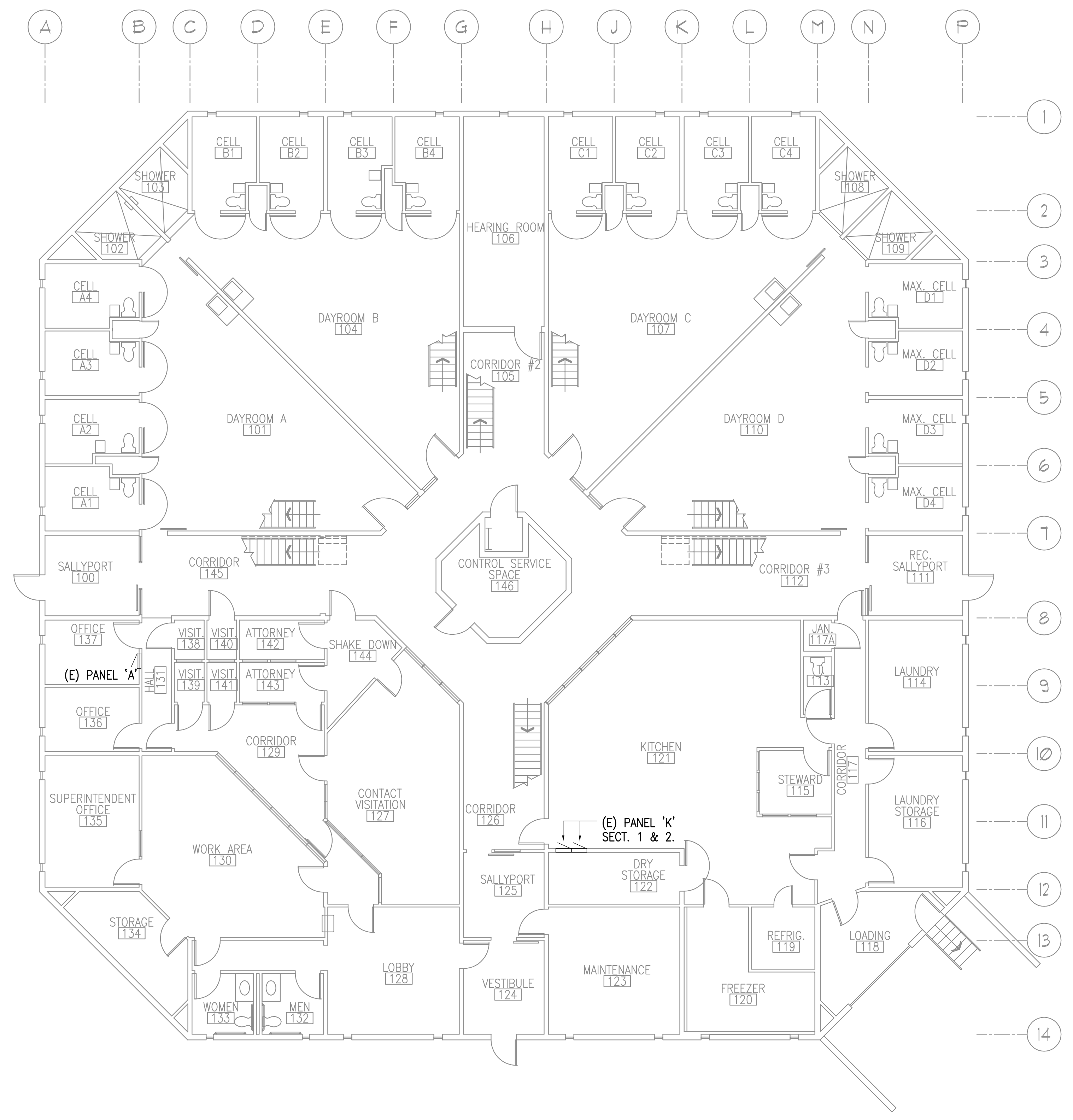
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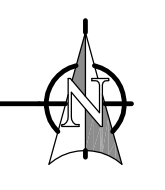
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DRAWING TITLE:  
MAT-SU PRETRIAL  
PANEL MAP - 1ST. FLOOR

SHEET:  
MP2.0



1 MAT-SU PRETRIAL PANEL MAP - 1ST. FLOOR  
1/8" = 1'-0"



0"  
1"  
2"  
3"

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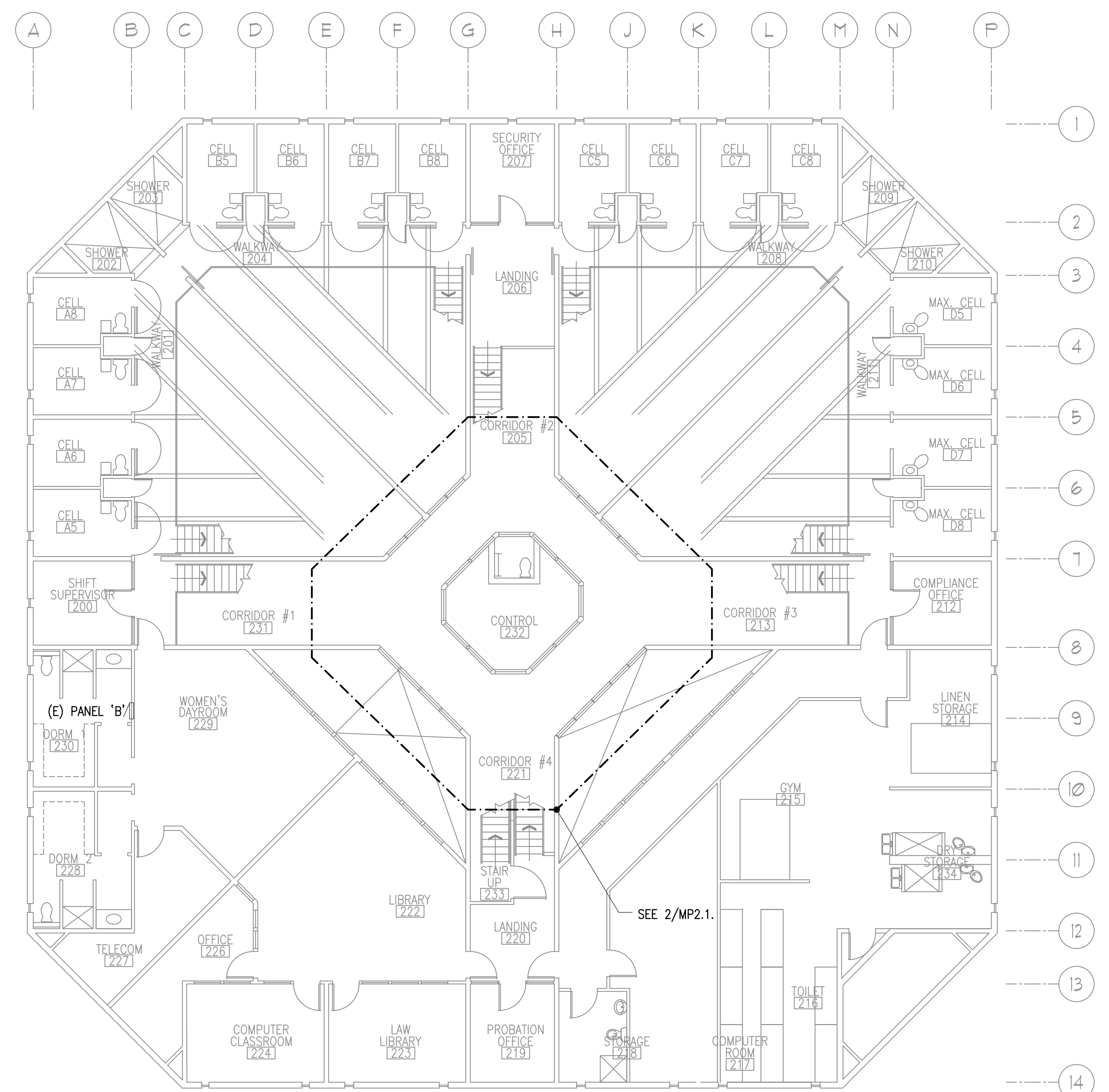
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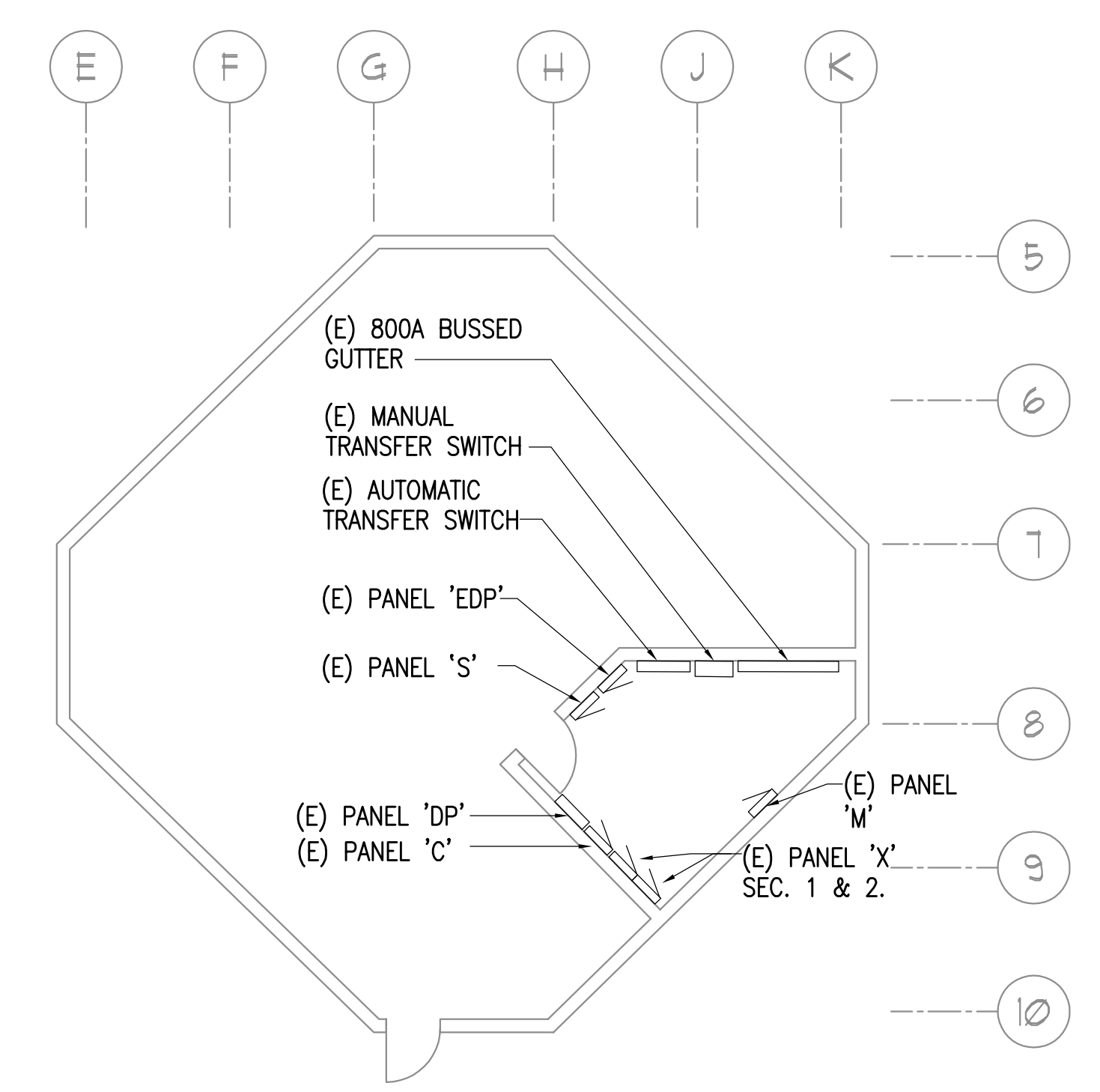
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DRAWING TITLE:  
 MAT-SU PRETRIAL  
 PANEL MAP - 2ND. FLOOR  
 & ELECTRICAL ROOM LEVEL

SHEET:  
 MP2.1



**1** MAT-SU PRETRIAL PANEL MAP - 2ND. FLOOR  
 1/8" = 1'-0"



**2** PANEL MAP - MECHANICAL ROOM  
 1/8" = 1'-0"