

**FIRE ALARM GENERAL NOTES**

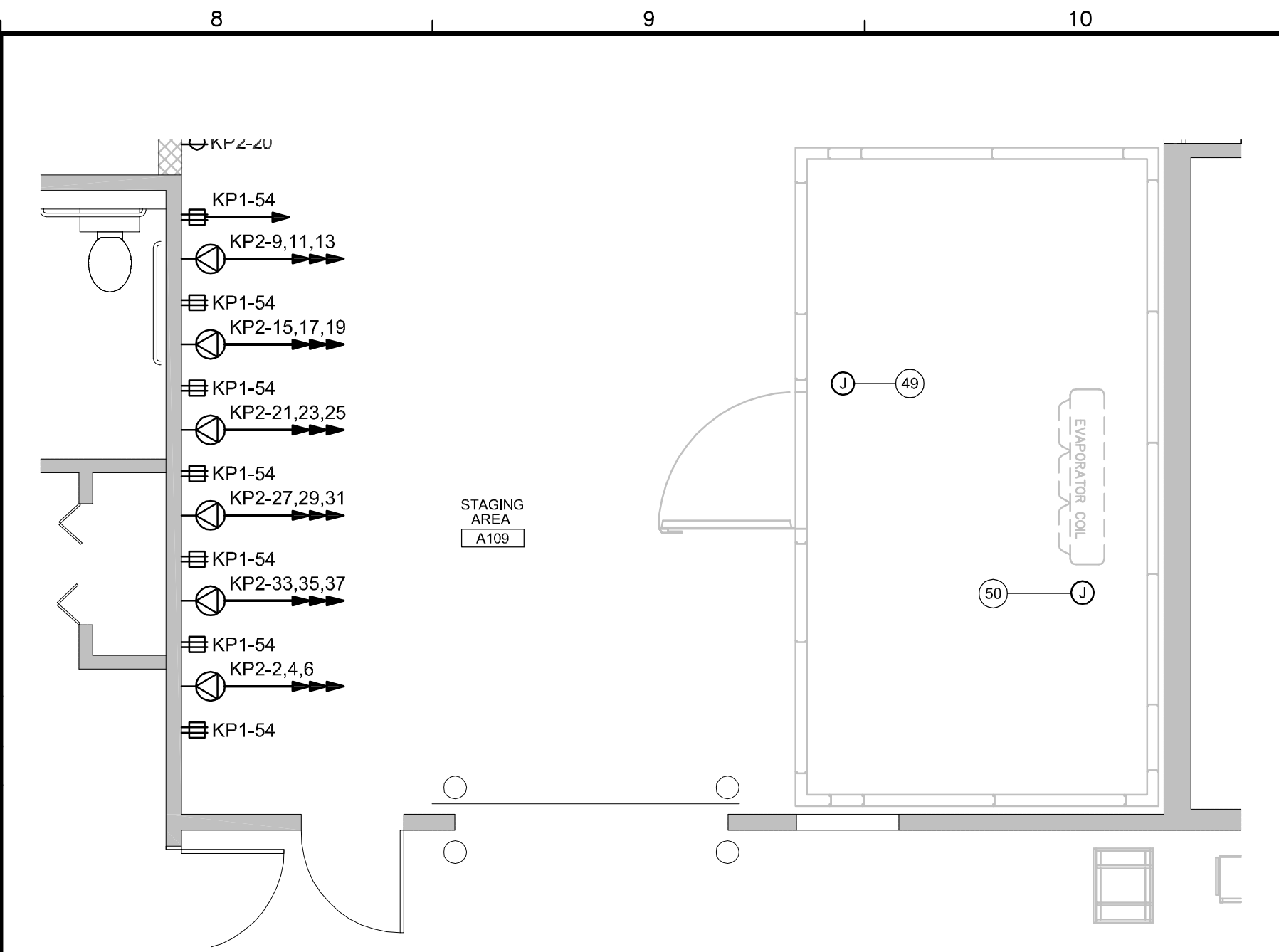
1. MINIMUM SIZE CONDUIT SHALL BE 1/2" UNLESS NOTED OTHERWISE.
2. SYSTEM WIRING SHALL BE INSTALLED IN CONDUIT AND IN ACCORDANCE WITH EQUIPMENT SUPPLIER'S APPROVED SHOP DRAWINGS AND WIRING DIAGRAMS.
3. RISER DIAGRAM DOES NOT SHOW ENTIRE SYSTEM. REFER TO FLOOR PLANS FOR EXACT QUANTITIES AND LOCATIONS OF ALL SYSTEM DEVICES.
4. COORDINATE LOCATIONS OF DUCT SMOKE DETECTORS WITH DIVISION 23.
5. ALL WIRING SHALL BE CONCEALED.

**FIRE ALARM KEY NOTES**

- 1 NOT USED
- 2 PROVIDE CIRCUIT BREAKER HANDLE LOCK ON POWER CIRCUIT. HANDLE LOCK SHALL ALLOW THE CIRCUIT BREAKER TO TRIP, BUT PREVENT SWITCHING OF THE CIRCUIT BREAKER TO THE "OFF" POSITION.
- 3 TO AUXILIARY CONTACTS IN RESPECTIVE AIR-HANDLING UNIT STARTER FOR UNIT SHUTDOWN ON ALARM. LABEL DUCT SMOKE DETECTOR AND CORRESPONDING REMOTE TEST STATION UNIQUELY. SEE MECHANICAL DRAWINGS FOR LOCATIONS OF MECHANICAL EQUIPMENT.
- 4 SEE MECHANICAL DRAWINGS AND SPECIFICATIONS FOR HVAC CONTROLS.
- 5 CONNECT TO REMAINING INITIATING DEVICES. SEE FLOOR PLANS.
- 6 CONNECT TO REMAINING NOTIFICATION APPLIANCES. SEE FLOOR PLANS PROVIDE NUMBER OF CIRCUITS AS REQUIRED. WHERE FIELD CHARGING POWER SUPPLIES OR NOTIFICATION APPLIANCE CIRCUIT POWER EXTENDERS ARE USED, PROVIDE A SMOKE DETECTOR AT EACH UNIT PER NFPA 72 IN ADDITION TO SMOKE DETECTORS INDICATED ON FLOOR PLANS.
- 7 NOT USED
- 8 STROBES SHALL BE SYNCHRONIZED IN AREAS CONTAINING MULTIPLE UNITS.
- 9 VERIFY AND WIRE ACTUAL QUANTITY OF SPRINKLER SYSTEM DEVICES

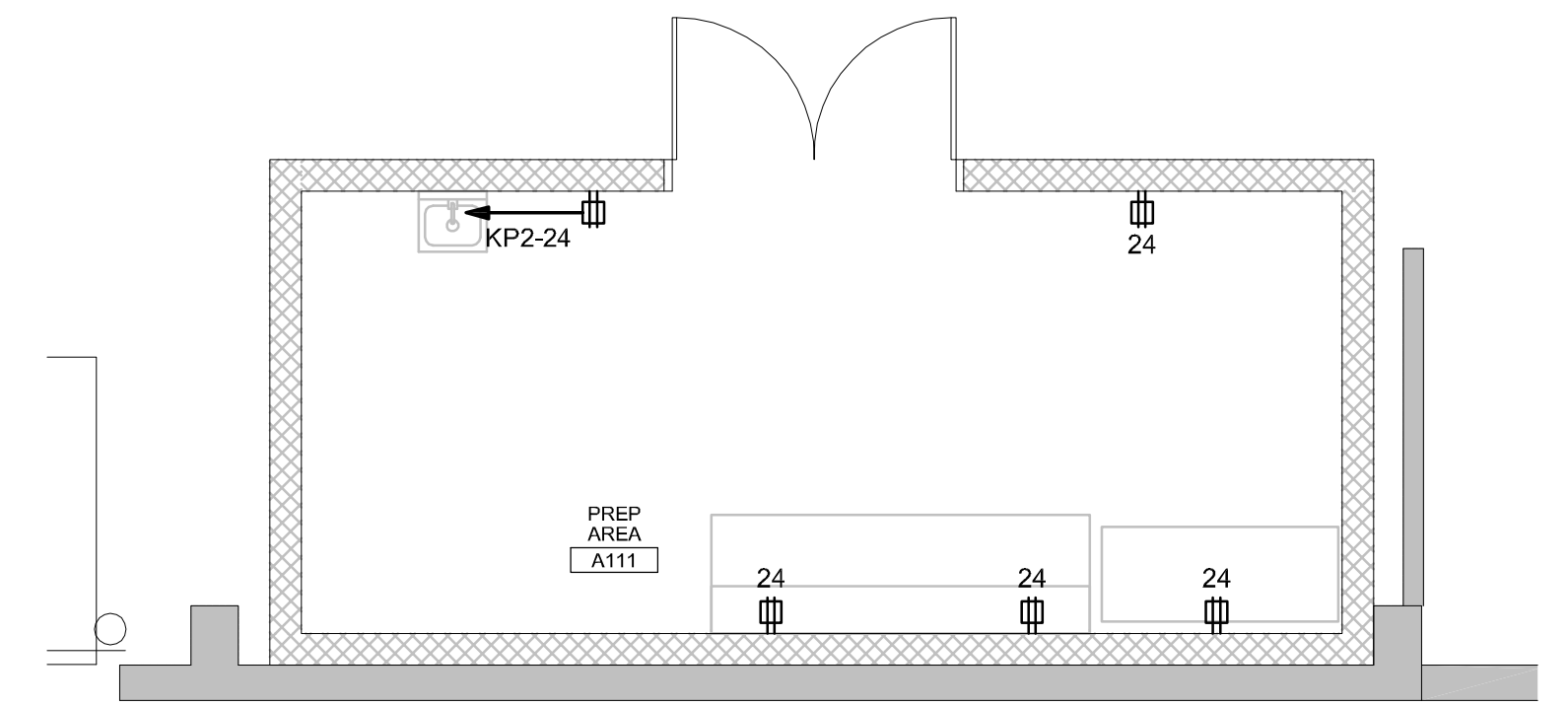
F1 FIRE ALARM RISER DIAGRAM

NO SCALE



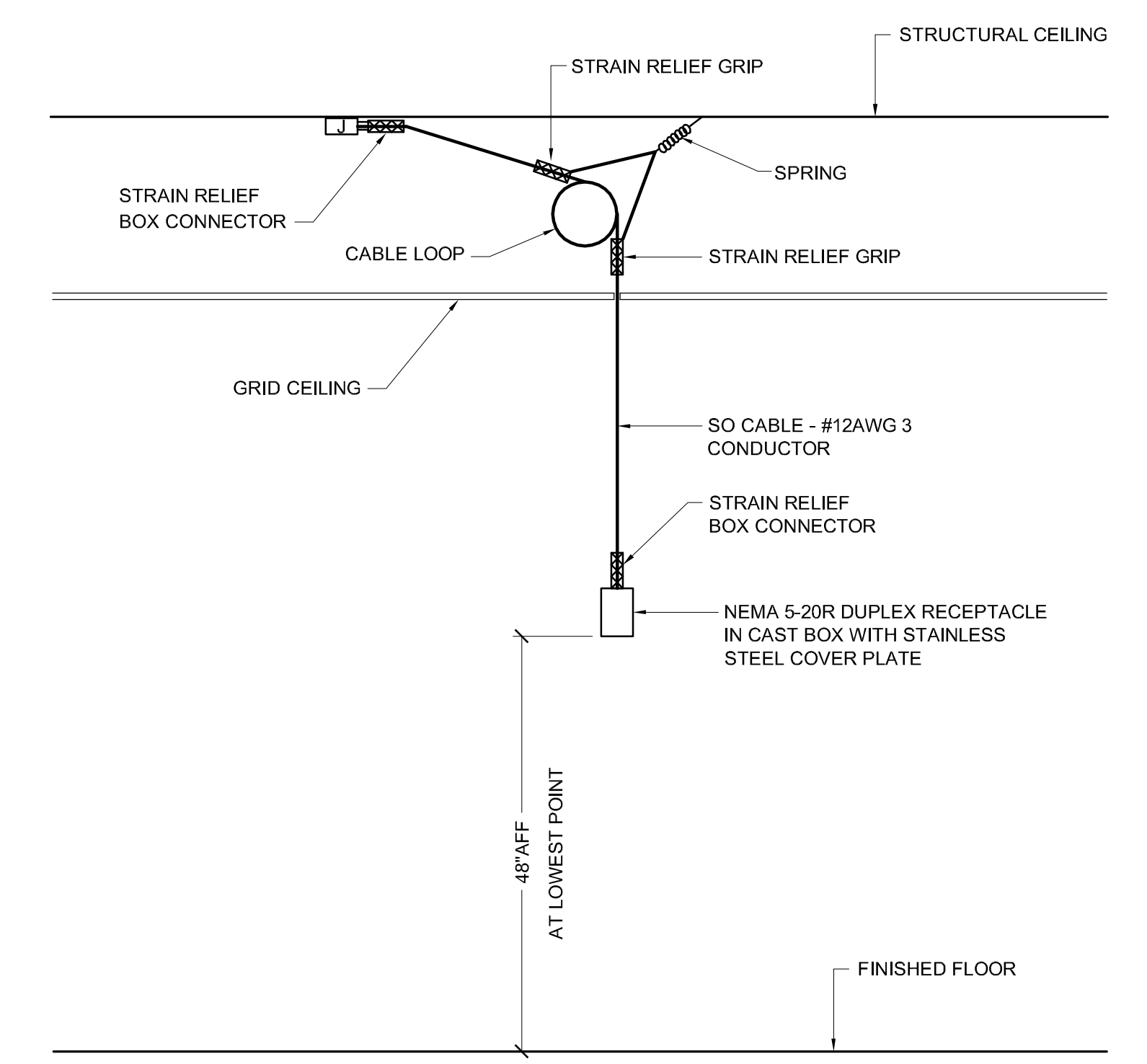
E8 STAGING AREA A109

1/4"=1'-0"



D8 PREP AREA A111

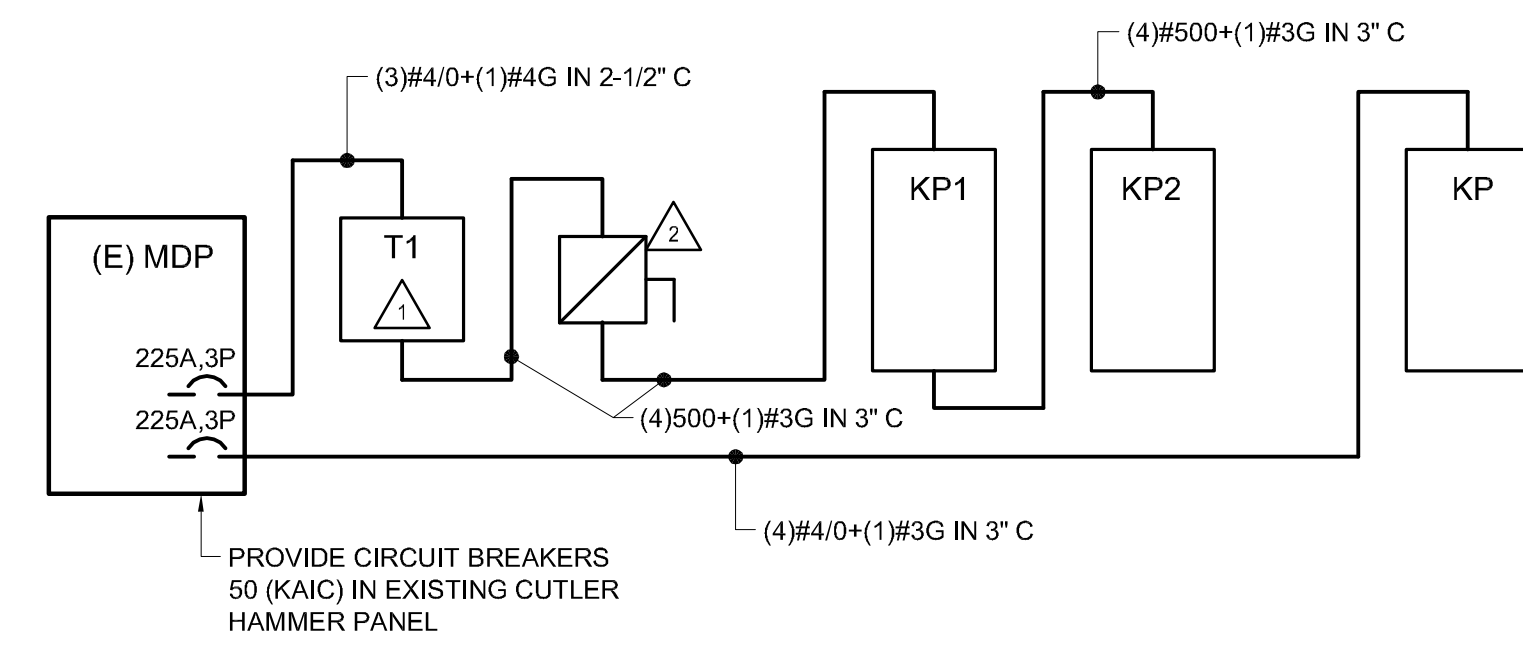
1/4"=1'-0"



A8 CORD DROP DETAIL

NO SCALE

- △ 150 KVA, 480 Δ - 120/208Y TRANSFORMER, NEMA 1 ENCLOSURE
- △ 240V, 600A DISCONNECT SWITCH FUSED AT 400A, NEMA 1 ENCLOSURE

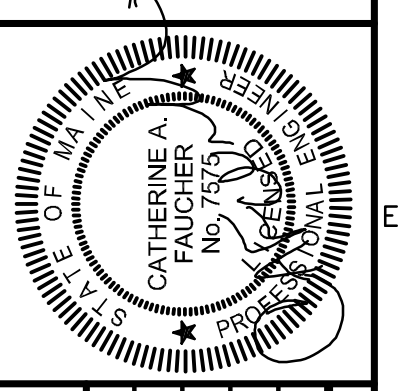


A5 PARTIAL POWER RISER DIAGRAM

NO SCALE

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**Allied Engineering**  
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REVISIONS	
NUMBER	DESCRIPTION

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Graphic Scale: 0	1"

**RISER DIAGRAMS AND DETAILS**

CITY OF PORTLAND  
 PORTLAND PUBLIC SCHOOLS - CENTRAL KITCHEN  
 92 WALDRON WAY, PORTLAND, MAINE  
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