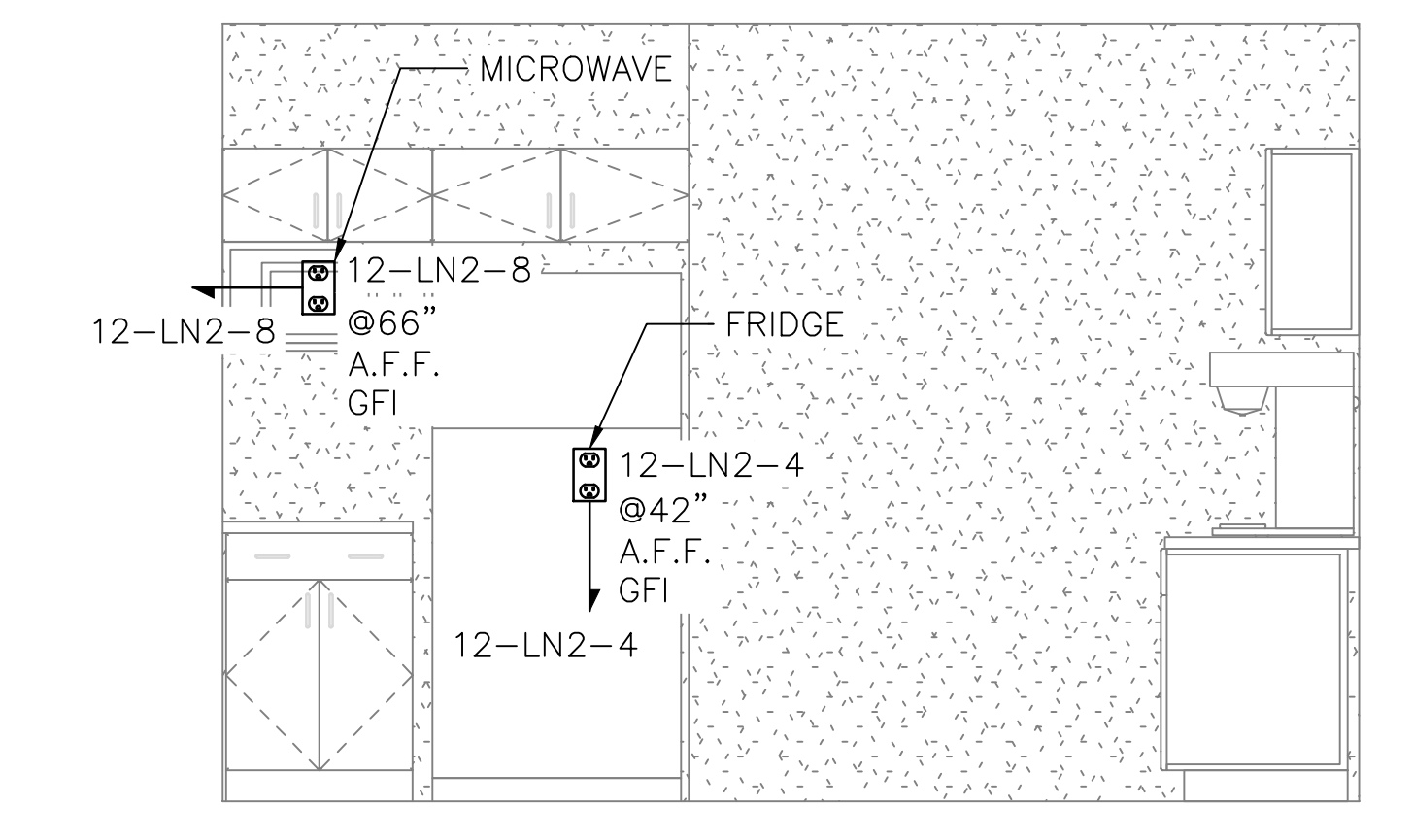
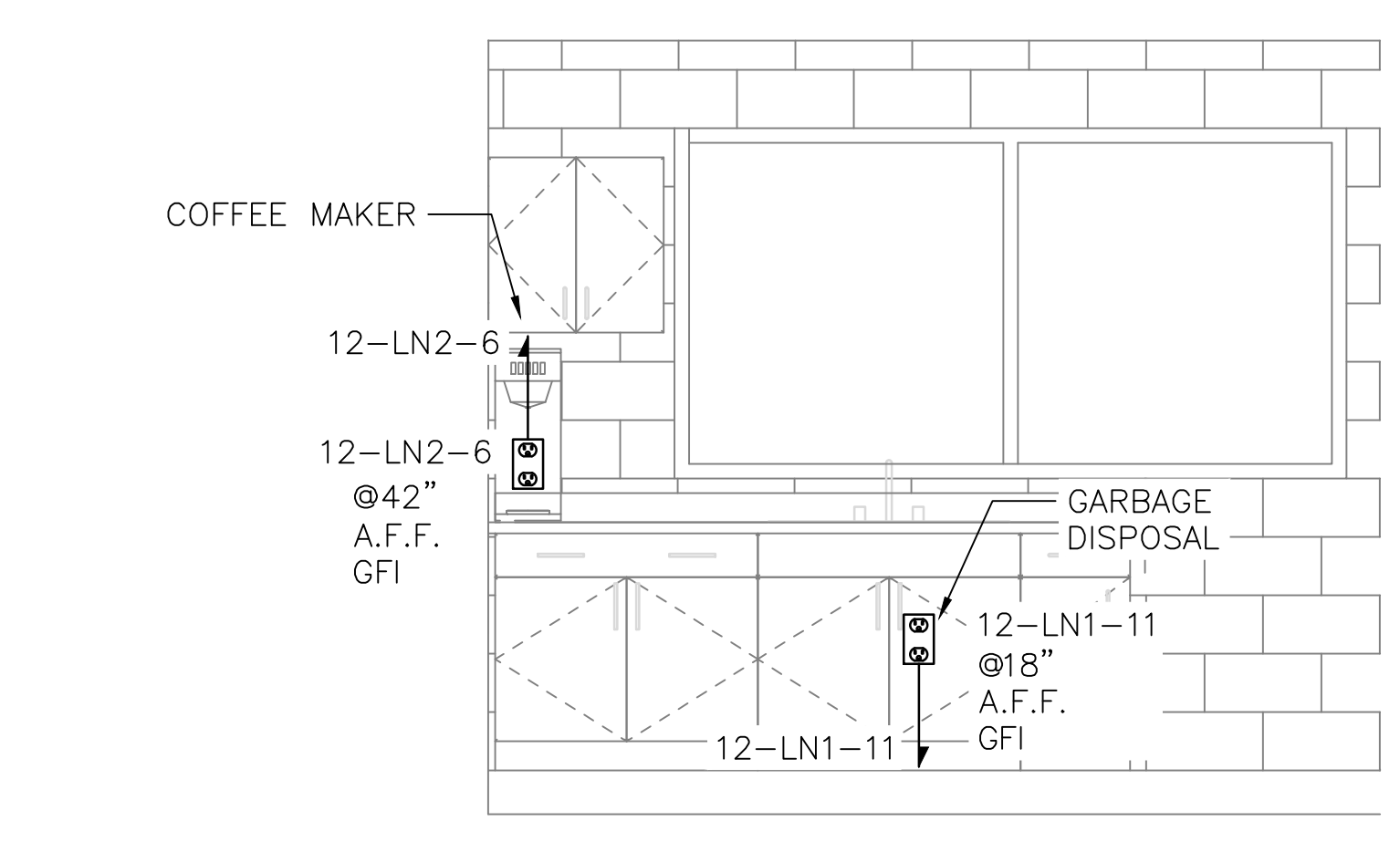


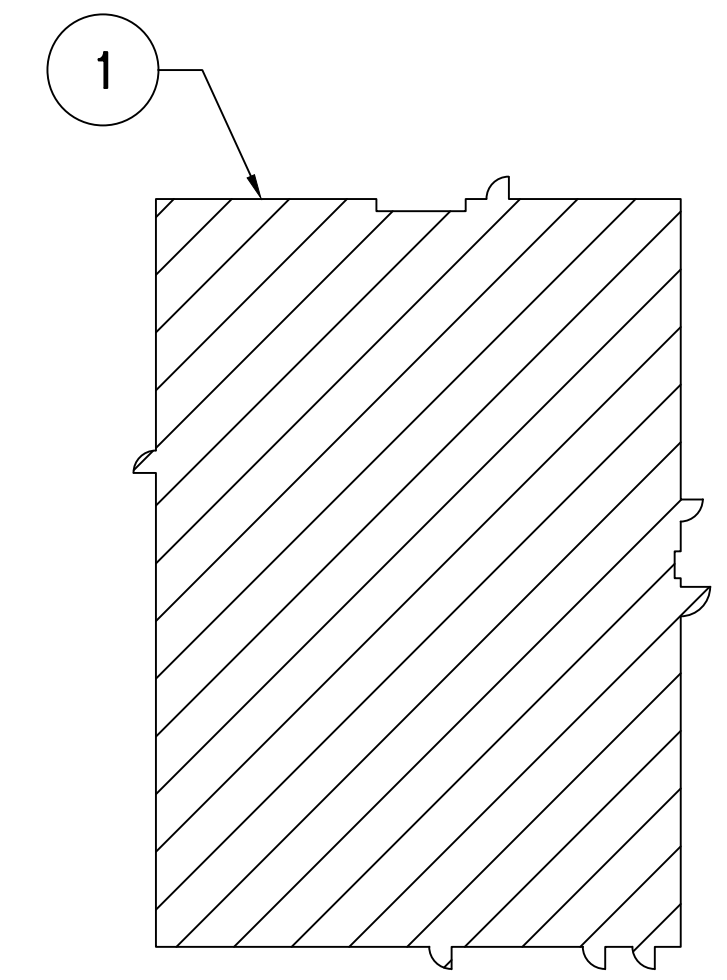
- ### ELECTRICAL POWER GENERAL NOTES
- A. REFER TO DRAWING E-001 FOR ELECTRICAL LEGEND, GENERAL NOTES, AND ABBREVIATIONS RELATED TO THIS SHEET.
  - B. REFER TO ELECTRICAL DETAILS AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS AND INFORMATION.
  - C. ALL RECEPTACLES IN PUBLIC AREAS SHALL BE TAMPER RESISTANT.
  - D. ALL RECEPTACLES SHALL BE INSTALLED AT 18" A.F.F. UNLESS NOTED OTHERWISE.
  - E. ALL CONDUITS TO BE CONCEALED WITHIN ALL WALLS UNLESS NOTED OTHERWISE.
  - F. ALL CONDUIT USED SHALL BE 3/4" MINIMUM.
  - G. SOME WORK UNDER THIS CONTRACT WILL REQUIRE WORK DUTIES TO BE PERFORMED AFTER NORMAL WORKING HOURS. DETERMINATION OF SPECIFIC WORK DUTIES TO BE PERFORMED AFTER HOURS SHALL BE MADE BY VA STAFF AT THEIR CONVENIENCE. POSSIBLE WORK REQUIRING AFTER HOURS APPROVAL INCLUDES, BUT IS NOT LIMITED TO: POWER OUTAGES, DISRUPTION OF SERVICES, EXTREME NOISE AND / OR VIBRATION, CUTTING AND PATCHING OF CONCRETE AND DELIVERIES OF EQUIPMENT.
- ### ELECTRICAL POWER KEY NOTES
1. THE CONTRACTOR SHALL PROVIDE UNI-STRUT MOUNTING SYSTEM AS REQUIRED TO MOUNT QUAD RECEPTACLE TO.
  2. ROUTE 3/4" EMT CONDUIT WITHIN CONCRETE FLOOR SLAB.
  3. ROUTE 3/4" EMT CONDUIT WITHIN CONCRETE FLOOR SLAB AND OVER TO WALL, ROUTE CONDUIT UP WALL AND OVER TO PANEL AS INDICATED.
  4. PROVIDE 30 AMP, 208 VOLT, 3-POLE, NEMA 1 DISCONNECT SWITCH FOR UPS SYSTEM.
  5. PROVIDE PDU (POWER DISTRIBUTION UNIT) MOUNTED AT CEILING, CONNECT TO 20/3 CIRCUIT BREAKER WITHIN PANELBOARD.
  6. CONNECT TO LOCKED HANDLE CIRCUIT BREAKER WITHIN PANEL, REFER TO DRAWING EP603 FOR PANELBOARD INFORMATION.
  7. THE CONTRACTOR SHALL PROVIDE JUNCTION BOX WITH 120 VOLT CIRCUIT, COORDINATE EXACT LOCATION PRIOR TO INSTALLATION.
  8. THE CONTRACTOR SHALL PROVIDE EPO (EMERGENCY POWER OFF) SWITCH TO SHUT OFF MAIN NATURAL GAS VALVE. REFER TO DETAIL 6/E-501 FOR ADDITIONAL INFORMATION.
  9. APPROXIMATE LOCATION OF MAIN NATURAL GAS VALVE, FIELD COORDINATE EXACT LOCATION.
  10. ROUTE CIRCUITING TO PANEL AS INDICATED, CONNECT TO 20/1 SHUNT TRIP CIRCUIT BREAKER WITHIN PANEL.
  11. PROVIDE EPO (EMERGENCY POWER OFF) PUSH BUTTONS TO SHUT OFF POWER TO BOILER.
  12. PROVIDE EPO (EMERGENCY POWER OFF) PUSH BUTTONS TO SHUT OFF POWER TO GENERATOR.
  13. APPROXIMATE LOCATION OF BOILER PLANT STEAM VALVE.
  14. THE CONTRACTOR SHALL PROVIDE JUNCTION BOX WITH 120 VOLT CIRCUIT FOR BUILDING SIGNAGE, COORDINATE EXACT LOCATION PRIOR TO INSTALLATION.



**2 ELEVATION BREAK ROOM 101 - SOUTH WALL**  
SCALE 1/2" = 1'-0"



**3 ELEVATION BREAK ROOM 101 - WEST WALL**  
SCALE 1/2" = 1'-0"



**KEY PLAN - FIRST FLOOR**  
NOT TO SCALE

**1 ELECTRICAL POWER PLAN - FIRST FLOOR**  
SCALE 3/16" = 1'-0"

ADDENDUM 1 ADDENDUM 2 ADDENDUM 3	08-09-2024 09-12-2024 01-24-2025	<b>CONSULTANT</b>	<b>ARCHITECT/ENGINEER OF RECORD</b>	<b>STAMP</b> TYLER M. MONTGOMERY LICENSE NO. 100114 1/24/2025	<b>Office of Construction and Facilities Management</b> U.S. Department of Veterans Affairs	Drawing Title <b>ELECTRICAL POWER PLAN FIRST FLOOR</b>	Phase 100% CONSTRUCTION DOCUMENTS	Project Title SIOUX FALLS BOILER PLANT	Project Number 438-22-900
Revisions:	Date:	Architecture   Engineering   Design-Build 9000 Weesax Place, Louisville, KY 40222 www.paradigmusa.com	Approved: Project Director	Fully Sprinklered	Location VAMC-Sioux Falls: 2501 W 22nd St, Sioux Falls, SD 57105	Issue Date 06/25/2024	Checked WLM	Drawn KMB	Building Number 12 12
								Drawing Number <b>EP101</b>	