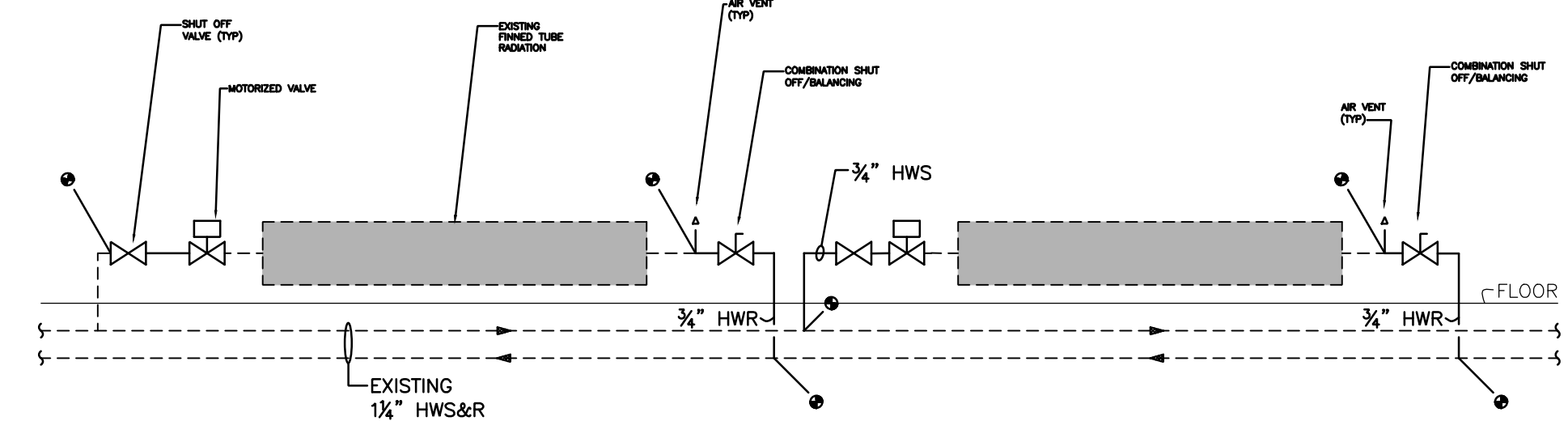




3 PERIMETER RADIATION REPIPING (TYPICAL)
ME-2 NOT TO SCALE

1 HVAC REFERENCE NOTES

- 1 PROVIDE NEW SHUT OFF VALVE, MOTORIZED VALVE AND REPIPE TO PROVIDE NEW HEATING ZONE.
- 2 PROVIDE NEW MANUAL AIR VENT, BALANCING/SHUT OFF VALVE AND REPIPE TO PROVIDE NEW HEATING ZONE.
- 3 REPLACE EXISTING MOTORIZED VALVE AND THERMOSTAT.
- 4 REMOVE SHUT OFF VALVES, MOTORIZED VALVE, REPIPE TO PROVIDE CONTINUOUS PIPING AND CREATE ONE HEATING ZONE FOR COMMUNITY ROOM.
- 5 PROVIDE 24x12 TRANSFER DUCTS WITH MOTORIZED DAMPERS, INTERLOCK DAMPERS WITH AC#1. INCLUDE ALL CUTTING, PATCHING AND PAINTING AS REQUIRED TO INSTALL TRANSFER DUCTS, MOTORIZED DAMPERS AND WIRE MESH.
- 6 PROVIDE AN ADDITIONAL LAYER OF 1/2" FIBERGLASS BLANKET DUCT INSULATION TO ALL DUCTWORK IN CRAWL SPACE.
- 7 REPLACE EXISTING BOILERS WITH NEW OIL FIRED BOILERS. INCLUDE NEW 3/4" OIL SUPPLY LINES TO EACH BOILER, NEW INSULATED BREECHING AND PIPING AS PER DETAIL 1, DRAWING ME-4.

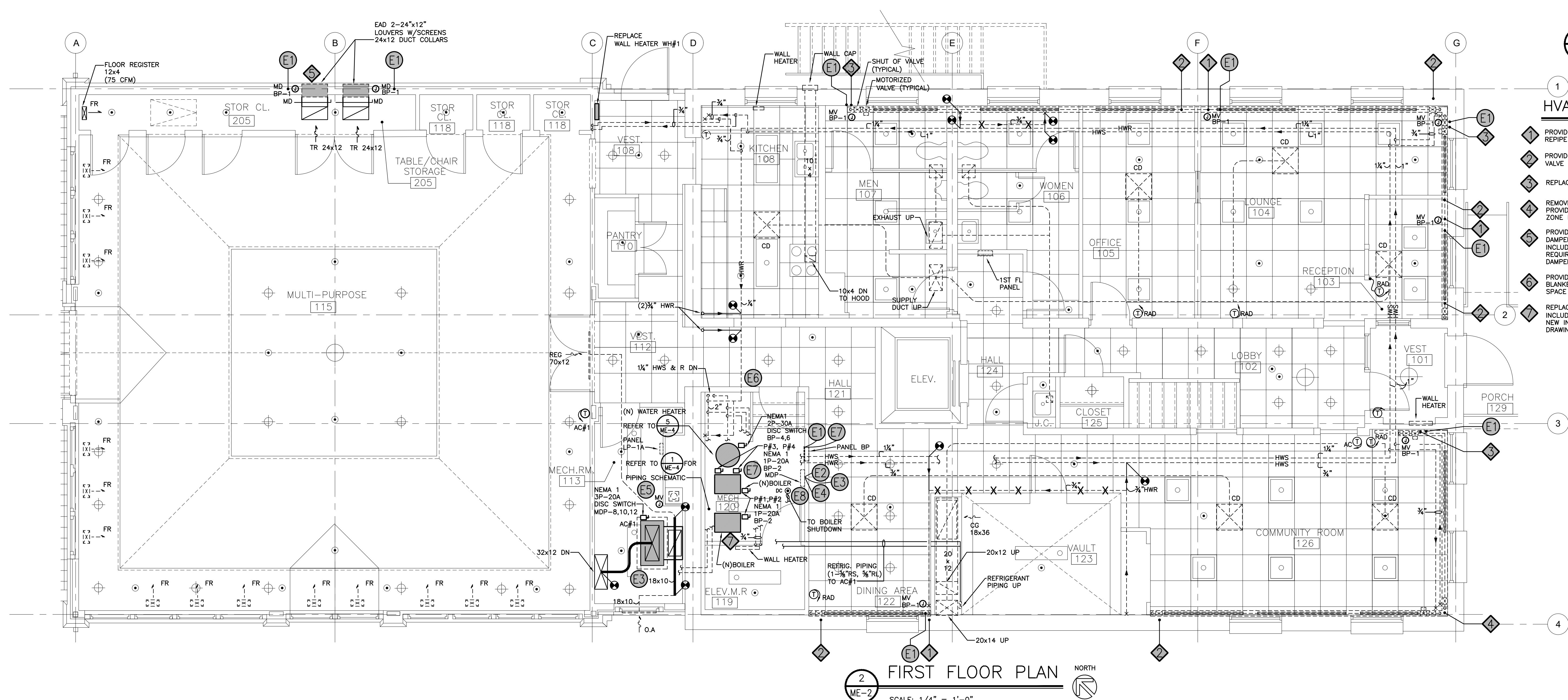
ELECTRICAL REFERENCE NOTES

- E1 SEE CIRCUITRY SCHEDULE FOR BRANCH CIRCUIT WORK REQUIRED FOR MOTORIZED VALVES AND DAMPERS. PROVIDE NEW AS INDICATED REARRANGE EXISTING AS REQUIRED.
- E2 FOR ACCU#1 DISCONNECT EXISTING. PROVIDE NEW DISCONNECT AND CIRCUITRY. UTILIZE EXISTING 3P-60A CB ON MDP. REFER TO MDP SCHEDULE FOR WIRE SIZE.
- E3 FOR ACCU#1 DISCONNECT EXISTING. PROVIDE NEW DISCONNECT AND CIRCUITRY. PROVIDE NEW 3P-20A CB TO REPLACE EXISTING 3P-30A CB ON MDP. REFER TO MDP PANEL SCHEDULE FOR WIRE SIZE.
- E4 FOR RTU#1 DISCONNECT EXISTING. PROVIDE NEW DISCONNECT AND CIRCUITRY. PROVIDE NEW 3P-30A CB TO REPLACE EXISTING 3P-100A CB ON MDP. REFER TO MDP PANEL SCHEDULE FOR WIRE SIZE.
- E5 DISCONNECT EXISTING 3-WAY MOTORIZED VALVE AND RE-CONNECT TO PROVIDE POWER FOR 2-WAY MOTORIZED VALVE.
- E6 DISCONNECT EXISTING BOILER SHUTDOWN TOGGLE SWITCH AND RECONNECT TO NEW AND EXISTING BOILERS.
- E7 DISCONNECT EXISTING BOILER AND PROVIDE POWER AND NEW CIRCUITRY TO BOILER. UTILIZE EXISTING CB ON PANEL BP. PROVIDE POWER FOR BOILER PUMPS P#1-P#4. SEE CIRCUITRY SCHEDULE.
- E8 CONNECT NEW HEAT DETECTOR TIE TO BOILER SHUTDOWN AND CONNECT TO EXISTING FIRE ALARM SYSTEM. SEE FLOOR PLANS FOR EXACT LOCATION.
- E9 CONNECT NEW FIRE ALARM SUPPLY FAN SHUTDOWN TO EXISTING FIRE ALARM SYSTEM. SEE FLOOR PLANS FOR EXACT LOCATION.

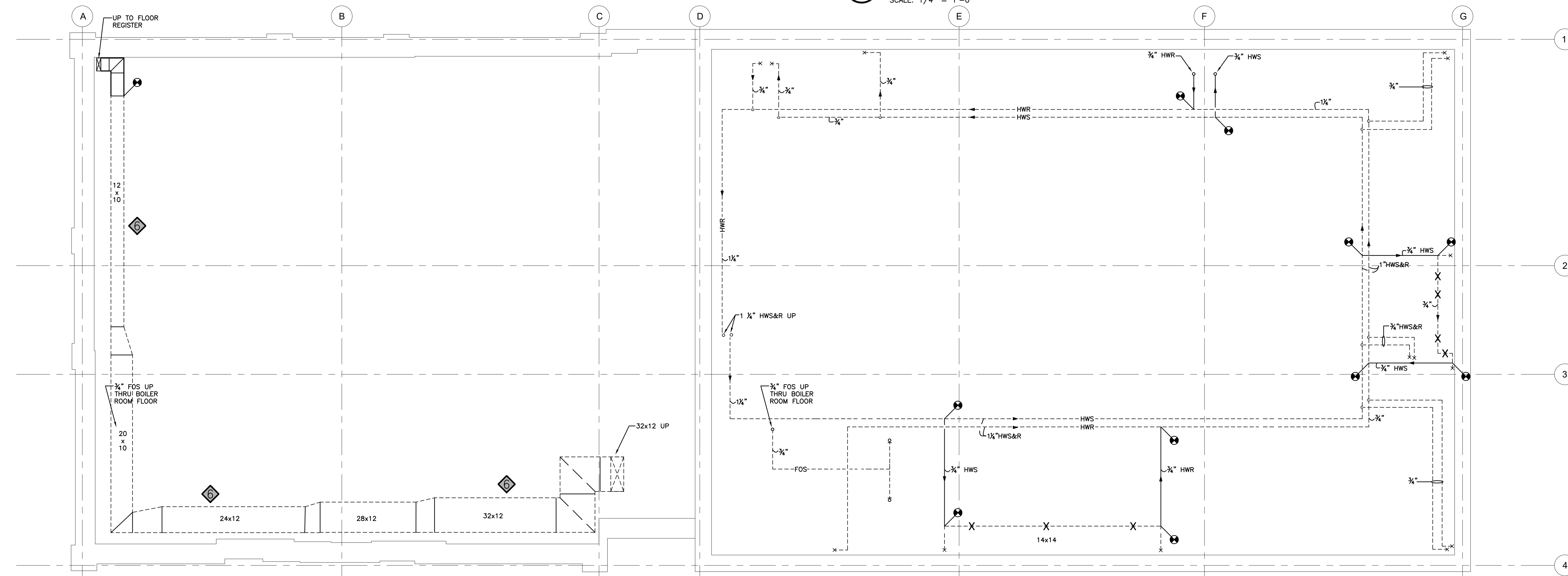
WORK NOTES:

1. PROVIDE PRE-CONSTRUCTION AIR FLOW MEASUREMENT TO EXISTING AIR HANDLING UNIT AND ALL ROOFTOP UNITS. INCLUDE UNIT INLET/OUTLET STATIC PRESSURES AND INDIVIDUAL AIR OUTLET READINGS. SUBMIT TO ENGINEER FOR REVIEW.
2. CLEAN ALL EXISTING DUCTWORK INCLUDING SUPPLY, RETURN AND EXHAUST DUCTWORK. SUBMIT REPORT INCLUDING BEFORE AND AFTER PICTURES TO ENGINEER.
3. PROVIDE ALL NECESSARY WORK FOR CUTTING, PATCHING AND PAINTING TO MATCH EXISTING TO PERFORM ALL MECHANICAL WORK.

120/208V CIRCUITRY SCHEDULE			
CIRCUIT #	LOADS	WATTS	CIRCUITRY
BP-1	MOTORIZED VALVES/DAMPERS	1000W	(2)#10,#12 GND, THWN CU, MC CABLE
BP-2	BOILER P#1, P#2, P#3, P#4	1200W	(2)#10,#12 GND, THWN CU, MC CABLE
BP-4,6	WATER HEATER	4500W	(3)#10,#12 GND, THWN CU, MC CABLE
NOTES: PANEL AND CIRCUIT NUMBERS ARE INDICATED FOR BIDDING PURPOSES ONLY. 1. SURVEY PANELS, DETERMINE SPARES 2. RE-ARRANGE CIRCUIT BREAKERS, PROVIDE NEW MATCHING 1P-20A CIRCUIT BREAKERS AND CONNECT 3. TO BE CONNECTED IN PANEL BP SEE FLOOR PLAN FOR LOCATION.			



2 FIRST FLOOR PLAN
ME-2 SCALE: 1/4" = 1'-0" NORTH



1 CRAWL SPACE PLAN
ME-2 SCALE: 1/4" = 1'-0" NORTH

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Revisions		
No.	Date	Comments

PROJECT NUMBER: 1966
Scale: AS NOTED Date: 09-16-2021

Drawing Title
**MECHANICAL-PROPOSED
CRAWL SPACE PLAN, FIRST
FLOOR PLAN & DETAIL**

Drawing No.

ME-2