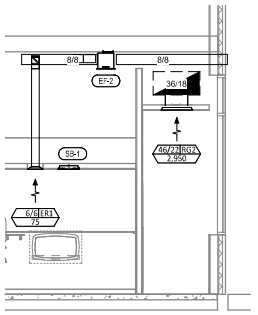
HVAC PLAN NOTES

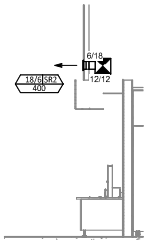
1 SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR CEILING MOUNTED EQUIPMENT LOCATION. TYPICAL.
2 PAINT DUCTWORK VISIBLE THROUGH DINING ROOM SUPPLY REGISTERS BLACK. TYPICAL.
3 NOT USED.
4 INSTALL HP-2A-I AND HP-2B-I HANGING PER STRUCTURAL DRAWINGS. PROVIDE MIXING BOX WITH 18/18 RA AND OA CONNECTIONS. ENSURE ALL MANUFACTURER SERVICE CLEARANCE REQUIREMENTS ARE SATISFIED. ROUTE REFRIGERANT LINESET (SIZED BY MANUFACTURER) TO ASSOCIATED HEAT PUMP OUTDOOR UNIT ON ROOF. SEE SCHEDULE AND DETAIL FOR MORE INFORMATION.
5 INSTALL HP-1A AND HP-1B-I HANGING PER STRUCTURAL DRAWINGS. ENSURE ALL MANUFACTURER SERVICE CLEARANCE REQUIREMENTS ARE SATISFIED. ROUTE REFRIGERANT LINESET (SIZED BY MANUFACTURER) TO ASSOCIATED HEAT PUMP OUTDOOR UNIT ON ROOF. SEE SCHEDULE AND DETAIL FOR MORE INFORMATION.
6 10/18 EXHAUST DUCT UP THROUGH ROOF. SEE ROOF PLAN FOR ROOF DUCTING TO EF-1.
7 SLOPE GREASE EXHAUST DUCT A MINIMUM OF 1/4" PER FOOT.
8 INSTALL LOUVER'S L-2 IN WINDOW BAY PER ARCHITECTURAL DRAWINGS. SEE SCHEDULE FOR MORE INFORMATION.
9 INSTALL LOUVERS L-1 IN WINDOW BAY PER ARCHITECTURAL DRAWINGS. PROVIDE MOTORIZED DAMPER, SEE SCHEDULE FOR MORE INFORMATION.
10 NOT USED.
11 NOT USED.
12 NOT USED.
13 INSTALL SINGLE-GANG VERTICAL J-BOX FOR GRIDPOINT THERMOSTATS FURNISHED BY TEMS FOR RTU-1 AND RTU-2 AT THIS LOCATION AT 48" AFF. COORDINATE WITH ELECTRICAL SWITCHING IN THIS AREA. PROVIDE WIRING AS SHOWN IN DETAIL 8/E710.
14 INSTALL GRIDPOINT ZONE SENSOR MODULE FURNISHED BY TEMS FOR HP-1 AT THIS LOCATION 72" AFF DIRECTLY TO WALL (NO JUNCTION BOX). COORDINATE LOCATION WITH EQUIPMENT. PROVIDE WIRING AS SHOWN IN DETAIL 8/E710.
15 INSTALL GRIDPOINT ZONE SENSOR MODULE FURNISHED BY TEMS FOR HP-2 AT THIS LOCATION 66" AFF DIRECTLY TO WALL (NO JUNCTION BOX). COORDINATE LOCATION WITH EQUIPMENT. PROVIDE WIRING AS SHOWN IN DETAIL 8/E710.
16 INSTALL GRIDPOINT SUPPLY PROBE FURNISHED BY TEMS FOR HP-1 IN THE SUPPLY DUCTWORK UPSTREAM FROM THE FIRST BRANCH CONNECTION. PROVIDE WIRING AS SHOWN IN DETAIL 8/E710.
17 INSTALL GRIDPOINT SUPPLY PROBE FURNISHED BY TEMS FOR HP-2 IN THE SUPPLY DUCTWORK UPSTREAM FROM THE FIRST BRANCH CONNECTION. PROVIDE WIRING AS SHOWN IN DETAIL 8/E710.
18 INSTALL REMOTE TEMPERATURE SENSOR FOR HOOD HD-1 AT THIS LOCATION 72" AFF. COORDINATE LOCATION WITH EQUIPMENT. PROVIDE (2) #18 G. THERMISTOR CABLE FROM TEMPERATURE SENSOR TO HOOD CONTROL PANEL.
19 INSTALL KITCHEN HOOD, HD-1. SUPPORT HOOD PER MANUFACTURER'S INSTALLATION INSTRUCTIONS AND AS DETAILED IN THE ARCHITECTURAL AND STRUCTURAL DRAWINGS. INSTALL HOOD ACCORDING TO THE REQUIREMENTS OF ITS LISTING, IN COMPLIANCE WITH NFPA 96, THE BUILDING CODE, AND AUTHORITIES HAVING JURISDICTION. HOOD SHALL HAVE AN INTEGRAL DUCT COLLAR TEMPERATURE SENSOR TO AUTOMATICALLY ENERGIZE THE EXHAUST AND HEAT PUMP INDOOR UNIT FANS IF COOKING TEMPERATURES ARE DETECTED. EXHAUST DUCT SYSTEM TO BE WELDED OR FACTORY-MANUFACTURED WATER AND AIR TIGHT. INSTALL CLEANOUTS PER CODE AND AS SHOWN. INSTALL HOOD PER DETAILS 2, 4, AND 9/M700. CHIPOTLE WILL PROVIDE AN INDEPENDENT TESTING AGENCY FOR TESTING THE INTEGRITY OF THE GREASE DUCT SYSTEM.

HVAC PLAN NOTES

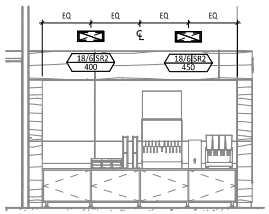
20 INSTALL REMOTE CONDENSING UNIT FOR WALK-IN COOLER HANGING FROM STRUCTURE AS DETAILED IN THE ARCHITECTURAL AND STRUCTURAL DRAWINGS. INSTALL REFRIGERANT LINE SET, THERMOSTATIC EXPANSION VALVE, SOLENOID VALVE, TEMPERATURE CONTROL, SIGHT GLASS, FILTER DRIER, PRESSURE CONTROL, LOW AMBIENT CONTROLS, AND WEATHERPROOF HOUSING. TRAP AND SLOPE REFRIGERANT LINES PER MANUFACTURER'S RECOMMENDATIONS. INSTALLATION SHALL COMPLY WITH ASHRAE/ANSI STANDARD 15. CUT 2-1/2" HOLE IN WALK-IN COOLER ROOF FOR REFRIGERANT LINE SET AND SEAL PER THE COOLER MANUFACTURER'S INSTALLATION INSTRUCTIONS AFTER LINE SET IS INSTALLED.
21 INSTALL REMOTE CONDENSER FOR ICE MACHINE HANGING FROM STRUCTURE AS DETAILED IN THE ARCHITECTURAL AND STRUCTURAL DRAWINGS. INSTALL REFRIGERANT LINE SET, THERMOSTATIC EXPANSION VALVE, SOLENOID VALVE, TEMPERATURE CONTROL, SIGHT GLASS, FILTER DRIER, PRESSURE CONTROL, LOW AMBIENT CONTROLS, AND WEATHERPROOF HOUSING. TRAP AND SLOPE REFRIGERANT LINES PER MANUFACTURER'S RECOMMENDATIONS. SEAL PIPING PENETRATIONS THROUGH ROOF. INSTALLATION SHALL COMPLY WITH ASHRAE/ANSI STANDARD 15. IF REFRIGERANT PIPING TO ICE MAKER IS EXPOSED TO PUBLIC VIEW, CONCEAL WITHIN A STAINLESS STEEL SHROUD AS SHOWN IN THE ARCHITECTURAL DRAWINGS.
22 INSTALL ROOFTOP EQUIPMENT PER MANUFACTURER'S INSTALLATION INSTRUCTIONS AND AS DETAILED IN THE ARCHITECTURAL AND STRUCTURAL DRAWINGS.
23 INSTALL EXHAUST FAN EF-1 PER DETAIL 5/M700 AND AS DETAILED IN THE ARCHITECTURAL AND STRUCTURAL DRAWINGS.
24 PROVIDE SUPPLY DIFFUSER CONNECTION TO SUPPLY SYSTEM PER DETAIL 1/M700. TYPICAL.
25 PROVIDE AUDIO/VISUAL REMOTE SMOKE DETECTOR ANNUNCIATOR WITH REMOTE KEY OPERATED RESET. WIRE A UNIT BACK TO EACH SMOKE DETECTOR. MOUNT UNIT 60" AFF. TYPICAL.
26 INSTALL REME HALO AIR PURIFIER FURNISHED BY TUV IN RTU PER DETAIL 6/M700. SEE ELECTRICAL DRAWINGS FOR POWER CONNECTION INFORMATION. INSTALL UV WARNING STICKERS ON FACE OF ENCLOSURE PER DETAIL AND ON ANY RTU ACCESS DOOR(S) THROUGH WHICH THE REME HALO WOULD BE VISIBLE IF OPENED.
28 ADJUST SUPPLY REGISTERS SO THAT SUPPLY AIR HITS WALL ON OPPOSITE SIDE OF ROOM AT APPROXIMATELY 7' AFF WITH NO DRAFTS FELT IN THE DINING ROOM.
29 INSTALL HEAT PUMP OUTDOOR UNIT ON SNOW LEGS PER DETAIL 10/M700. SEE SCHEDULE FOR MORE INFORMATION.
30 8" EXHAUST AIR WALL CAP, MOUNT AT 10'-0" A.F.F. ON CENTER.
31 10X18 GREASE EXHAUST DUCT DOWN IN CHASE.
32 TRANSFER GRILL OPEN TO AREA ABOVE CEILING.
33 PROVIDE GREASE DUCT CLEANOUT.
34 ENSURE 6' FIRE DEPARTMENT WALKING CLEARANCE IS MET FOR UNIT INSTALLATION. SEE ARCHITECTURAL SHEETS FOR MORE INFORMATION.
35 INSTALL DUCT HEATER IN OUTSIDE AIR DUCT PER MANUFACTURERS INSTALLATION DETAILS.
36 PROVIDE ACCESS PANEL IN WALL FOR DUCT HEATER SERVICE.



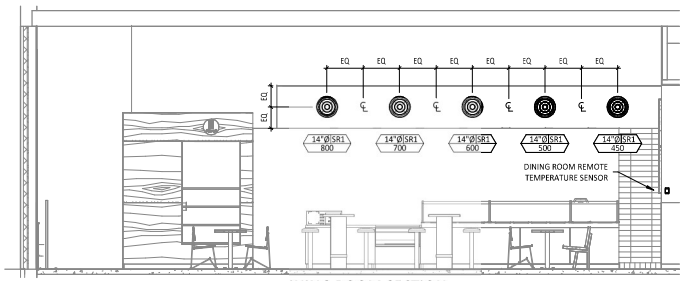
6 M-100.00 1/4" = 1'-0"
HVAC DINING ROOM RETURN SECTION



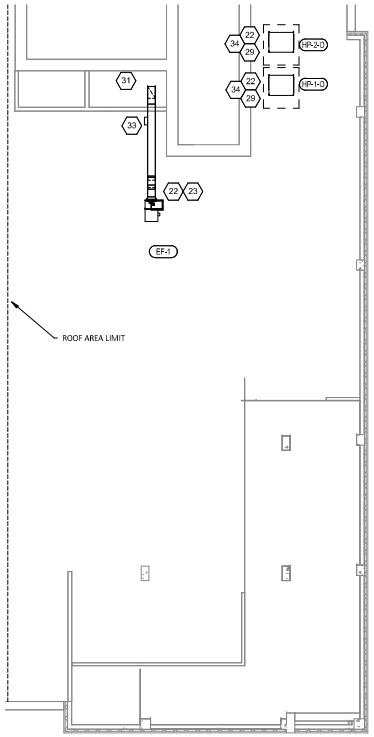
5 M-100.00 1/4" = 1'-0"
HVAC DINING ROOM SECTION



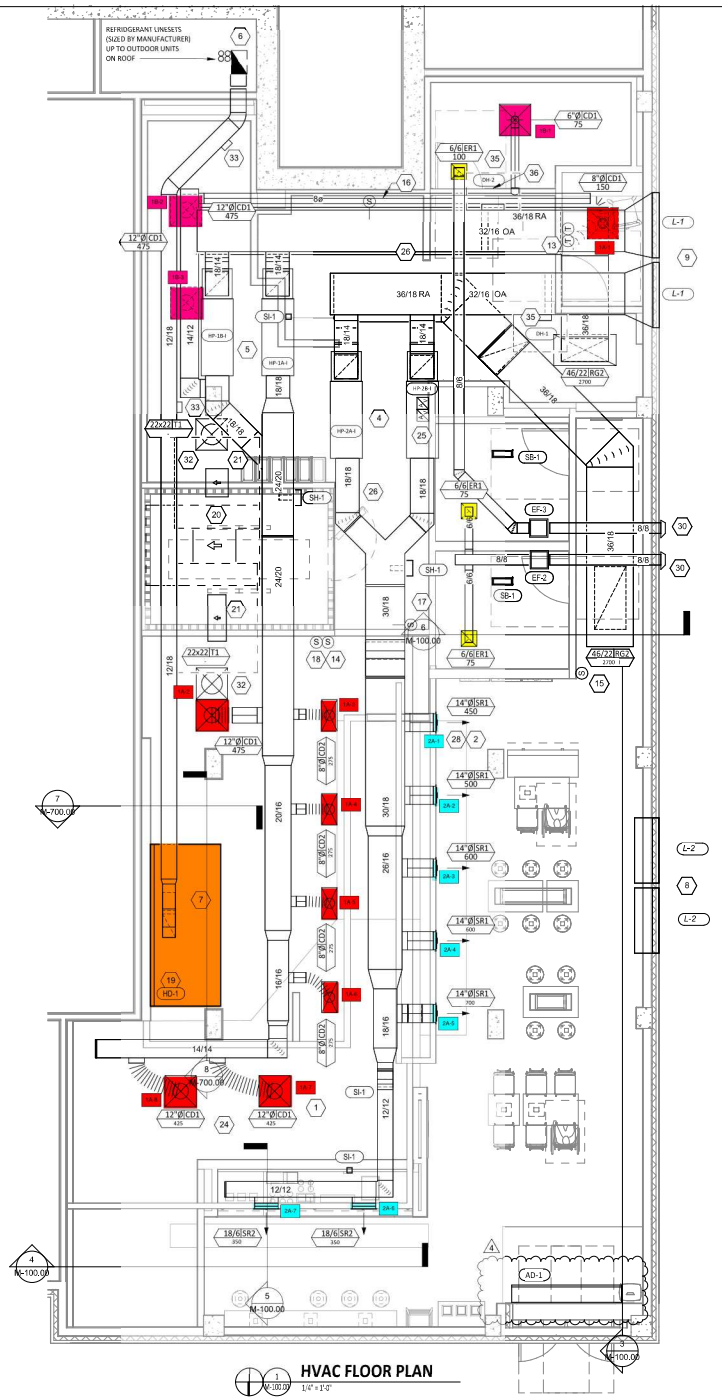
4 M-100.00 1/4" = 1'-0"
HVAC DINING ROOM SECTION



1 M-100.00 1/4" = 1'-0"
HVAC DINING ROOM SECTION



2 M-100.00 1/8" = 1'-0"
HVAC ROOF PLAN



1 M-100.00 1/4" = 1'-0"
HVAC FLOOR PLAN

NO	REVISION	DATE	CHKD
5			
4	REVISION 4	04/16/25	
3	CONSTRUCTION SET	04/09/25	
2	UPDATED PERMIT SET	03/20/25	
1	BULLETIN 1	11/05/24	
0	PERMIT SET	10/17/24	

PROJ.: 23XA55
DATE: 09/30/2024
CHKD: 09/30/2024

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SHEET 2 OF 4
SHEET TITLE:

M-100.00

HVAC PLAN - 1ST FLOOR
LOWER LEVEL

DOB NOW: Job# B01106614-S1