

KEYNOTES	
TAG	NOTE
1	TURN RETURN DUCT UP AND FINISH WITH 1/2"x1/2" WELDED WIRE MESH.
2	PROVIDE FULLY WELDED 304 WELDED STAINLESS OR ALUMINUM DUCTWORK FROM EXHAUST FAN AND SLOPED 1/8" PER FOOT BACK TOWARD DISHWASHER. CONNECT TO (2) DISHWASHER POINTS AS REQUIRED BY EQUIPMENT MANUFACTURER. INSULATE WITH 2HR RATED 3M 615+ FIRE BARRIER DUCT WRAP.
3	FULLY WELDED 16GA BLACK IRON EXHAUST DUCT WITH 2HR RATED 3M 615+ FIRE BARRIER DUCT WRAP UP TO EXHAUST FAN. SLOPE DUCT AS NECESSARY ABOVE CEILING TO ENSURE ALL STRUCTURAL MEMBERS ARE AVOIDED. MINIMUM OFFSET ALLOWED PER CODE FOR GREASE DUCT IS 2%.
4	THERMOSTATS FOR RTUS 1-6. STACK IN (2) GROUPS OF (3) TALL.
5	REMOTE TEMPERATURE AND HUMIDITY SENSORS TO PROVIDE FEEDBACK TO RTU THERMOSTATS LOCATED IN OFFICE 124. MOUNT AT 48" AFF. PURCHASE BLACK COVER FOR SENSORS OR PAINT COVER BLACK. COORDINATE WITH ARCHITECT.
6	ALL S4 DIFFUSERS ARE TO BE ADJUSTED FOR VERTICAL FLOW. REFER TO MANUFACTURERS DOCUMENTATION ON ADJUSTMENT PROCEDURES. ALIGN CENTER OF DIFFUSER WITH OPENINGS IN ARCHITECTURAL CEILING.
7	INSTALL HEATER CONTROLLERS ABOVE DOOR AND EMERGENCY EXIT SIGN, AT APPROXIMATELY 14" AFF. (9) TOTAL CONTROLLERS TO BE INSTALLED. REFERENCE MANUFACTURERS DOCUMENTATION FOR WIRING DETAILS. CONTROLLERS ARE TO BE LABELED FOR THE HEATERS THEY OPERATE.
8	INSTALL (8) HEATER REMOTES STARTING AT 48" AFF. STACK AS NEEDED TO FIT THE AVAILABLE SPACE. CLEARLY LABEL THE REMOTES FOR THE HEATERS THEY OPERATE. LABELS ARE TO BE TYPED OR ENGRAVED.
9	INSTALL 1" THICK ACOUSTIC DUCT LINER IN TRANSFER DUCT.
10	ALL VISIBLE, NON-CONCEALED INDOOR AIR SUPPLY DUCTWORK SHALL BE INTERNALLY LINED WITH JOHNS MANVILLE LINACOUSTIC RC FIBERGLASS DUCT LINER WITH REINFORCED COATING SYSTEM (OR EQUIVALENT). ALL VISIBLE SUPPLY DUCTWORK, RETURN DUCTWORK, AND DUCT ACCESSORIES SHALL BE PAINTED TO ARCHITECTURAL SPECIFICATIONS.
11	ELECTRIC UNIT HEATER TO BE MOUNTED AT SAME HEIGHT AS FIRE PROTECTION BACKFLOW PREVENTER AND SHUT-OFF VALVES. SET THERMOSTAT TO MAINTAIN SPACE TEMPERATURE AT 55 DEG F. HEATER DISCHARGE SHALL NOT BE DIRECTED TOWARDS ANY SPRINKLER HEADS.

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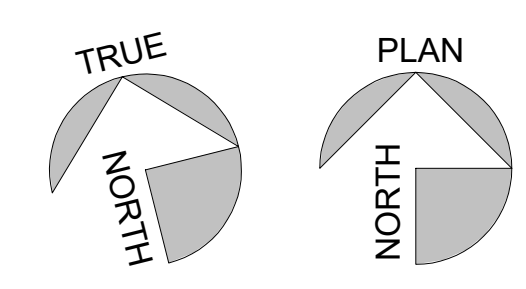
Issue For:
PERMIT
 Issue Date:
 07/01/2025
 Revisions:
 NO. REASON DATE
 2 PERMIT SET 9/17/25

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Project
 NR-25757
 Sheet
 MECHANICAL DUCTWORK
 NEW WORK PLAN

Sheet
M2.1
 10/8/2025

1 MECHANICAL DUCTWORK NEW WORK PLAN
 1/4" = 1'-0"



KEYNOTES	
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1	KITCHEN VENDOR PROVIDED CONDENSING UNITS SHALL BE INSTALLED AND PIPED BY KITCHEN EQUIPMENT CONTRACTOR. ROUTE REFRIGERANT SUCTION AND LIQUID TO ASSOCIATED EVAPORATORS INDOORS. SIZE PER MANUFACTURER'S RECOMMENDATIONS.
2	PROVIDE AND INSTALL THYBAR PIPE CURB; COORDINATE ADDITIONAL PENETRATION NEEDS WITH ELECTRICAL AND PLUMBING TRADES.

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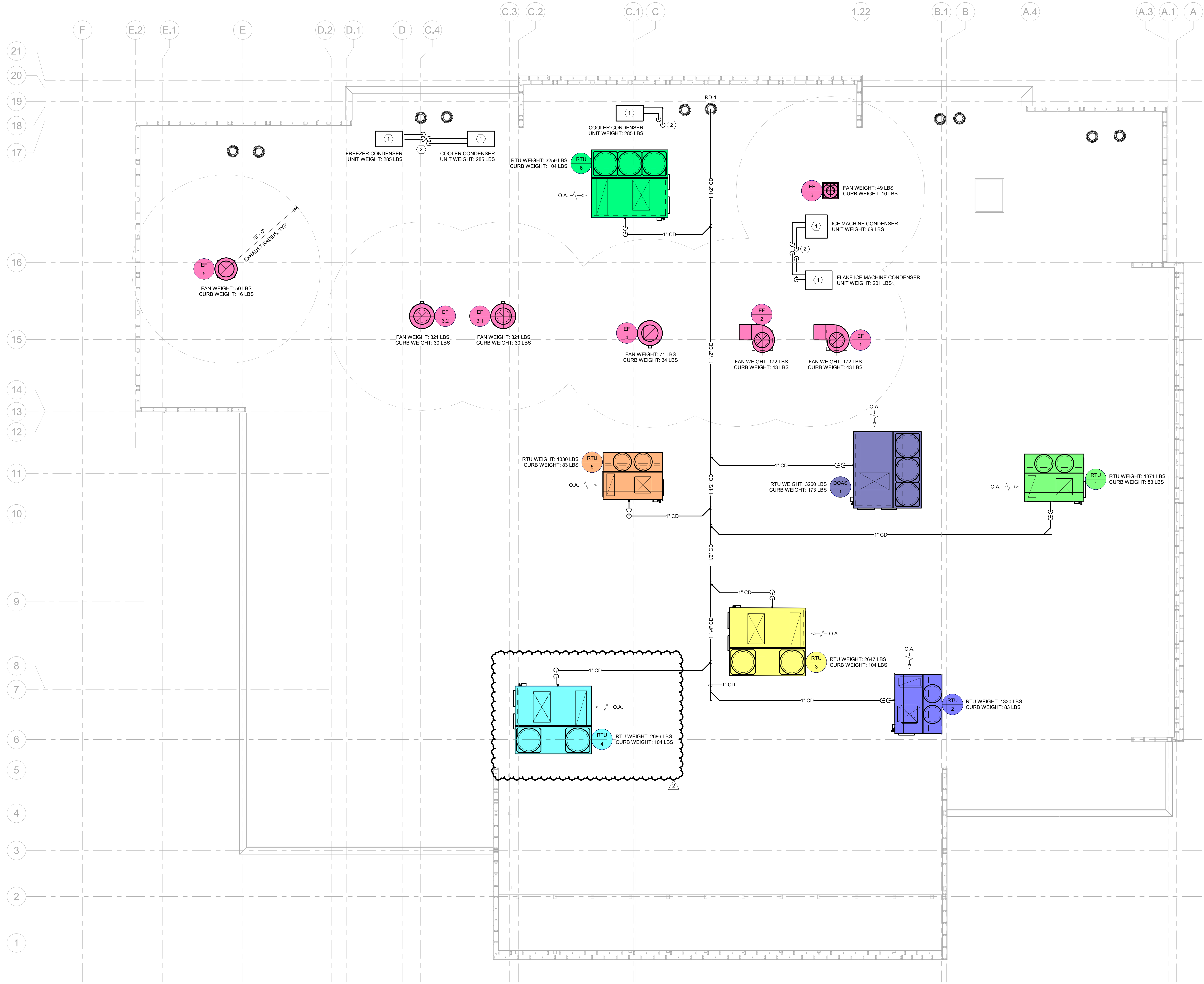
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MECHANICAL ROOF NEW WORK PLAN

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M2.2
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1 MECHANICAL ROOF PLAN
 1/4" = 1'-0"

