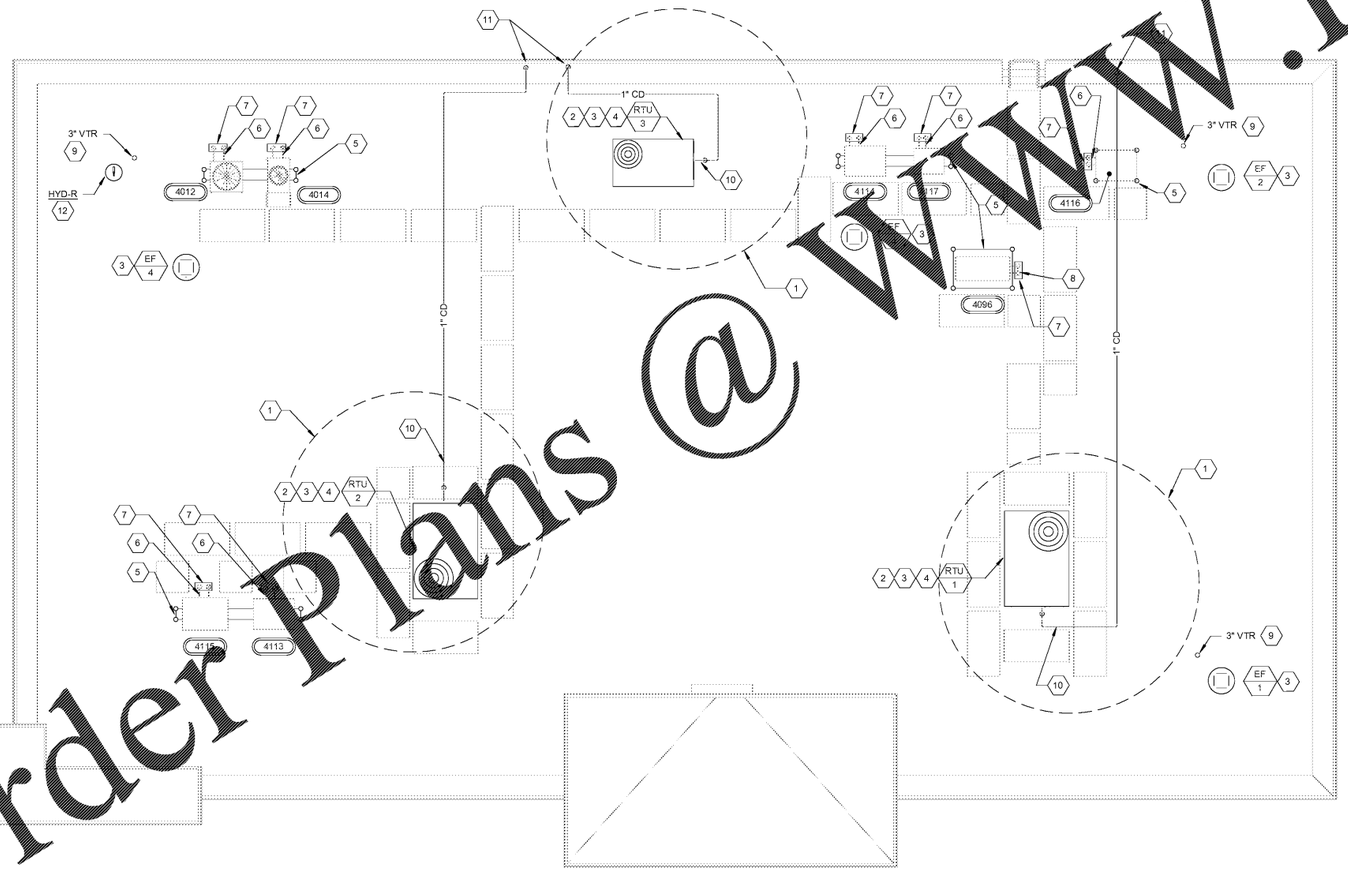

1 MECHANICAL ROOF PLAN
3/16" = 1'-0"

GENERAL NOTES

1. RUN REFRIGERANT PIPING PER MANUFACTURER'S RECOMMENDATIONS. SUCTION PIPING SHALL BE INSULATED WITH 1/2" MANVILLE AEROTUBE 11 PIPE INSULATION SLID OVER TUBING WITHOUT CUTTING. ALL JOINTS AND SEAMS SHALL BE SEALED WITH ADHESIVE. PROVIDE COATING TO PROTECT INSULATION FROM DETERIORATION FROM THE SUN AND WEATHER.
2. CONTRACTOR TO PROVIDE PROTECTIVE HOUSINGS ON ALL HVAC AND REFRIGERATION EQUIPMENT LOCATED OUTSIDE.
3. GENERAL CONTRACTOR TO PROVIDE PIPE STAND TO HOLD REFRIGERANT LINES UP OFF ROOF.
4. CONTRACTOR SHALL INSTALL 1/2" HARDWARE CLOTH ACROSS DIMENSIONS OF AIR INLET & OUTSIDE AIR INTAKE TO PREVENT BLOCKAGE FROM DEBRIS. CONTRACTOR RESPONSIBLE FOR PAINT TOUCH-UP OF ANY SCRATCHED/MARRED SURFACES. PAINT PER MANUFACTURER'S RECOMMENDATIONS.
5. COORDINATE EXACT LOCATION OF ALL ROOF PENETRATIONS WITH ARCHITECTURAL DRAWINGS.

SHEET KEYNOTES

1	CONTRACTOR TO MAINTAIN 10'-0" CLEARANCE OF OUTSIDE AIR INTAKES ON HVAC UNITS TO ALL EXHAUST OUTLETS AND SANITARY VENTS.
2	MAINTAIN FACTORY RECOMMENDED SERVICE CLEARANCES FOR EQUIPMENT ON ROOF.
3	COORDINATE LOCATION OF UNITS AND ROOF CURBS WITH THE ARCHITECTURAL AND STRUCTURAL DWGS SHOWING BUILDING STEEL. SEE DETAIL 1 AND 6 ON SHEET M430.
4	ALL UTILITIES TO ROOFTOP HVAC UNITS TO BE ROUTED UP THROUGH ROOF CURB. COORDINATE WITH MANUFACTURERS THROUGH THE BASE LOCATIONS FOR UTILITIES.
5	G.C. SHALL PROVIDE EQUIPMENT SUPPORT RACKS FOR REMOTE CONDENSERS M.C. SHALL INSTALL CLUMER FURNISHED CONDENSERS ON RACKS. SEE DETAIL 8 ON SHEET M430.
6	CONTRACTOR SHALL FURNISH AND INSTALL REFRIGERANT PIPING FROM CONDENSERS TO EVAPORATOR/COOLERS IN THE SPACE. COORDINATE EXACT LINE SIZES WITH EQUIPMENT VENDOR.
7	G.C. SHALL PROVIDE ATR HUB FOR REFRIGERANT PIPING PENETRATION THROUGH ROOF. SEAL ALL OPENINGS AROUND PIPING WITH FOAM AIR TIGHT. SEE DETAIL 3 ON SHEET A201.
8	CONTRACTOR SHALL FURNISH AND INSTALL 1 1/4"ø CHILLED WATER SUPPLY AND RETURN PIPING FROM CHILLER TO YOGURT MACHINES. COORDINATE EXACT REQUIREMENTS WITH VENDOR.
9	SHOWN FOR REFERENCE.
10	PROVIDE 1" CONDENSATE DRAIN PIPING FROM ROOFTOP HVAC UNIT TO CLOSEST SCUPPER . SEE DETAIL 3/P431.
11	RTU CONDENSATE SHALL TERMINATE AT SCUPPER WITH ELBOW TURNED DOWN IN SCUPPER WITH REQUIRED AIR GAP.
12	NON-FREEZE ROOF HYDRANT. SHOWN FOR REFERENCE. SEE PLUMBING PLANS FOR MORE INFORMATION.

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SHEET TITLE
MECHANICAL ROOF PLAN

SHEET NUMBER
M200
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