

1 MECHANICAL ROOF PLAN
M2 SCALE: 1/4" = 1'-0"

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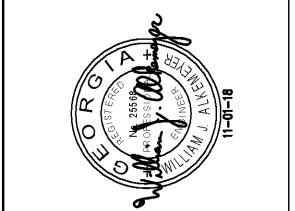
Order Plans @

- MECHANICAL GENERAL NOTES**
- 1) MAINTAIN MANUFACTURER'S RECOMMENDED CLEARANCES AROUND ROOF MOUNTED EQUIPMENT. MINIMUM OF 3'-0".
 - 2) COORDINATE ALL EQUIPMENT LOCATIONS AND ROOF PENETRATIONS WITH THE GENERAL CONTRACTOR PRIOR TO BEGINNING WORK. USE SHOP DRAWINGS PROVIDED BY THE EQUIPMENT MANUFACTURER.
 - 3) RTU AND EXHAUST FAN ROOF PENETRATIONS SHALL BE COORDINATED WITH STRUCTURAL PRIOR TO BEGINNING WORK.
 - 4) REFERENCE ALL DETAILS ON SHEET NUMBERS M3, M4 AND M5 FOR EQUIPMENT INSTALLATION.
 - 5) ALL ROOF CURBS SHALL BE SEALED AIR TIGHT FOR BUILDING PRESSURE TESTING.
 - 6) THE MECHANICAL CONTRACTOR SHALL INSTALL ALL REFRIGERANT PIPING.

- KEYED NOTES**
- 1) ROOF TOP UNIT RTU-1. PROVIDE NEW CARRIER ROOFTOP UNIT IN VERTICAL DISCHARGE CONFIGURATION. PROVIDE WITH ROOF CURB, ECONOMIZER, SMOKE DETECTORS, THERMOSTAT AND STAINLESS STEEL HEAT EXCHANGER. SEE SHEET M3 EQUIPMENT SCHEDULE AND DETAILS FOR ADDITIONAL INFORMATION.
 - 2) ROOF TOP UNIT RTU-2. PROVIDE NEW CARRIER ROOFTOP UNIT IN VERTICAL DISCHARGE CONFIGURATION. PROVIDE WITH ROOF CURB, MOTORIZED OSA DAMPER, SMOKE DETECTORS, THERMOSTAT AND STAINLESS STEEL HEAT EXCHANGER. SEE SHEET M3 EQUIPMENT SCHEDULE AND DETAILS FOR ADDITIONAL INFORMATION.
 - 3) FRESH AIR INTAKE MAINTAIN 10'-0" CLEAR FROM EXHAUST OR VENTS.
 - 4) CONDENSATE TRAP SEE DETAIL 2/P5.
 - 5) EF-1, -2: PROVIDE KITCHEN HOOD EXHAUST SYSTEM FROM INDICATED VENDOR. MAINTAIN 10'-0" FROM ALL OUTSIDE AIR INTAKES. REFER TO SHEET M4.1 THRU M4.8 FOR ADDITIONAL INFORMATION.
 - 6) EF-3: PROVIDE ROOF MOUNTED TOILET EXHAUST FAN WITH BACK DRAFT DAMPER. MAINTAIN 10'-0" FROM ALL OUTSIDE AIR INTAKES. SEE SCHEDULE ON SHEET M3 AND DETAIL 3/M3 FOR ADDITIONAL INFORMATION.
 - 7) GAS PIPING UP THROUGH ROOF CURB SEE SHEET P2 FOR CONTINUATION.
 - 8) WALK-IN FREEZER/COOLER REFRIGERANT SYSTEM. COORDINATE INSTALLATION WITH OTHER MECHANICAL EQUIPMENT, ROOF MOUNTED ON COOLER BOX OR ON BUILDING ROOF. SEE MANUFACTURER'S INSTALL INSTRUCTIONS FOR LOCATION.
 - 9) DISPLAY FREEZER REFRIGERANT SYSTEM. COORDINATE MOUNTING LOCATION WITH OTHER MECHANICAL EQUIPMENT ON ROOF TO MAINTAIN MANUFACTURER'S RECOMMENDED CLEARANCES.
 - 10) PLUMBING VENT. MAINTAIN 10'-0" FROM ALL OUTSIDE AIR INTAKES.
 - 11) ICE MAKER REFRIGERANT SYSTEM. COORDINATE MOUNTING LOCATION WITH OTHER MECHANICAL EQUIPMENT ON ROOF TO MAINTAIN MANUFACTURER'S RECOMMENDED CLEARANCES.
 - 12) SOFT SERVE REFRIGERANT SYSTEM. COORDINATE MOUNTING LOCATION WITH OTHER MECHANICAL EQUIPMENT ON ROOF TO MAINTAIN MANUFACTURER'S RECOMMENDED CLEARANCES. TOP OF FAN TO BE EVEN WITH PARAPET.
 - 13) WATER HEATER VENT SEE DETAIL 8/P5. MAINTAIN 10'-0" FROM ALL OUTSIDE AIR INTAKES.
 - 14) MUA-1: PROVIDE AND INSTALL MAKE-UP AIR UNIT UNIT SHALL HAVE ROOF CURB AND AUTOMATIC BACK DRAFT DAMPER AND COOLING COIL. SEE HOOD DRAWINGS FOR SPECIFICATIONS AND REQUIREMENTS. MAINTAIN A MINIMUM OF 10'-0" FROM UNIT'S INLET AND ANY EXHAUST.

NEW BUILDING FOR:

 INTERSECTION OF DAYTON RD & ALABAMA AVENUE
 BREMEN, MN 55414
 CELL ID: 252 0065
 AMERICAN DAIRY QUEEN
 MINNEAPOLIS, MN U.S.A.
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M2