

PROJECT NO.	230704
DATE	07/11/2023
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LEGEND

- 1-WAY DIFFUSER, ARROW INDICATES AIR-FLOW DIRECTION
- 2-WAY DIFFUSER, ARROWS INDICATE AIR FLOW DIRECTION
- 3-WAY DIFFUSER, ARROWS INDICATE AIR FLOW DIRECTION
- 4-WAY DIFFUSER, AIR FLOW IN ALL DIRECTIONS
- INDICATES 12X12 DOOR GRILLE
- INDICATES CONDENSATE DRAIN. REFER TO DETAIL ON M2.1
AND PLUMBING DRAWINGS.
- INDICATES SMOKE DETECTOR
- CONNECT NEW TO EXISTING
- (V.I.F.) VERIFY IN FIELD

RENOVATION NOTES:

- RECONNECT RETURN AIR DROP TO NEW REFRIGERATED CASES. SEE DETAIL 8, SHEET M2.1 FOR CASE CONNECTION DETAILS.
- NEW ROOF TOP UNITS AC-1 AND AC-2 TO BE INSTALLED ON EXISTING CURB UNITS. CURB UNITS TO BE SUPPLIED BY PUBLIX AND RECEIVED, RIGGED AND INSTALLED BY MECHANICAL CONTRACTOR. PROVIDE AND INSTALL NEW CONDENSATE TRAP AND CONNECT/ROUTE BACK TO EXISTING CONDENSATE DRAIN.
- NEW ROOF TOP UNITS AC-3, 4, 5 AND 6 SHALL BE INSTALLED ON EXISTING CURB USING CURB ADAPTER. UNITS SHALL BE SUPPLIED BY PUBLIX AND RECEIVED, RIGGED AND INSTALLED BY MECHANICAL CONTRACTOR. PROVIDE AND INSTALL NEW CONDENSATE TRAP AND CONNECT/ROUTE BACK TO EXISTING CONDENSATE DRAIN.
- CONTRACTOR SHALL RECONNECT EMS CONDUCTORS TO NEW RTU CONTROL BOARD.
- REFER TO NEW EMS DRAWINGS FOR NEW PROXY CONTROLLER.
- REFRIGERATION CONTRACTOR SHALL BE RESPONSIBLE FOR CONNECTING NEW RTU TO EXISTING REFRIGERATION CIRCUITS. SEE SCHEDULE ON M3.1 FOR REFRIGERATION CAPACITIES.
- PROVIDE AND INSTALL NEW DUCT MOUNTED SMOKE DETECTOR. COORDINATE EXIST LOCATION AND QUANTITY WITH FIRE ALARM DRAWINGS.
- NEW TEMPERATURE SENSOR TO BE INSTALLED.
- NEW HUMIDITY SENSOR TO BE INSTALLED.
- NEW ERY UNIT TO BE INSTALLED ON EXISTING CURB REUSING EXISTING DUCT SYSTEM. UNIT SHALL BE SUPPLIED BY PUBLIX AND RECEIVED, RIGGED AND INSTALLED BY THE MECHANICAL CONTRACTOR.
- NEW GREASE HOOD GH-1 WITH WALL MOUNTED ANSUL CABINET TO BE INSTALLED IN DELL KITCHEN. SEE HOOD DETAILS AND SECTIONS ON SHEET M4.1.
- PROVIDE AND INSTALL NEW ANSUL PULL STATION FOR NEW GREASE HOOD GH-1. PULL STATION SHALL BE LABELED "FIRE EXTINGUISHER - GH-1". LOCATION SHALL BE APPROVED BY FIRE CODE OFFICIAL.
- NEW GREASE HOOD GH-2 WITH HOOD MOUNTED CONTROL/ANSUL CABINET TO BE INSTALLED IN DELL. SEE HOOD DETAILS AND SECTIONS ON SHEET M4.1.
- PROVIDE AND INSTALL NEW ANSUL PULL STATION FOR NEW GREASE HOOD GH-2. PULL STATION SHALL BE LABELED "FIRE EXTINGUISHER - GH-2". LOCATION SHALL BE APPROVED BY FIRE CODE OFFICIAL.
- NEW ROOF MOUNTED EXHAUST FAN F-5 TO BE INSTALLED WITH NEW ROOF CURB AND DUCTWORK DOWN TO GH-1. SEE SECTIONS ON SHEET M4.1 FOR DUCT ROUTING AND SIZE.
- NEW ROOF MOUNTED EXHAUST FAN F-6 TO BE INSTALLED WITH NEW ROOF CURB AND DUCTWORK DOWN TO GH-2. EXISTING ROOF PENETRATION SHALL BE REUSED AND MODIFIED AS REQUIRED. SEE SECTIONS ON SHEET M4.1 FOR DUCT ROUTING AND SIZE.
- NEW MAKE-UP AIR FAN MAU-1 TO BE INSTALLED ON ROOF WITH NEW ROOF CURB. VERIFY EXIST AIR INTAKE. MAINTAIN AT MINIMUM 1'-0" CLEARANCE BETWEEN ALL SOURCES OF EXHAUST. SEE PLAN FOR DUCT ROUTING.
- PROVIDE AND INSTALL NEW SUPPLY AIR DUCT AND ROUTE AS SHOWN. NEW DUCTWORK SHALL CONNECT TO EXISTING AIR DEVICE PRIOR TO NEW AIR DEVICES.
- PROVIDE AND INSTALL NEW ROOF MOUNTED EXHAUST FAN UTILIZING EXISTING CURB WITH NEW CURB ADAPTER. VERIFY EXISTING DUCT SYSTEM IS RECONNECTED.
- RE-BALANCE TO NEW AIRFLOW LISTED.
- INSTALL NEW CEILING MOUNTED AIR DEVICE AS SHOWN. PROVIDE NEW DUCTWORK AS INDICATED AND CORRECT TO EXISTING DUCT. BALANCE AS REQUIRED.
- INSTALL NEW AIR DEVICE IN LOCATION SHOWN ON PLAN. PROVIDE NEW DUCTWORK CONNECTING NEW AIR DEVICE AND EXISTING DUCT. SEE PLAN FOR DUCT SIZE.
- CAP AND SEAL EXISTING ROOF PENETRATION WITH CURB CAP. SEE DETAIL 1, SHEET M3.1 FOR CURB CAP DETAIL.
- NEW SPLIT SYSTEM AIR HANDLER AHU-1 TO BE INSTALLED TO SERVE NEW ENCLOSED DOCK. AIR HANDLER SHALL BE MOUNTED USING SPRING ISOLATORS SUSPENDED TIGHT TO THE UNDERSIDE OF JOISTS.
- ROUTE CONDENSATE AS INDICATED SLOPING 1/8" PER FOOT AND PIPE TO EXISTING DOWNSPOUT. INSULATE CONDENSATE PIPING WITH 1" THICK UNCELLULAR POLYETHYLENE THERMAL PLASTIC, PREFORMED PIPE INSULATION MANUFACTURED BY ARNOLD OR NONACO.
- CONDENSING UNIT CU-1 SHALL MOUNT ON MAIN ROOF WITH NEW AES CAPPED CURB. ROUTE REFRIGERANT PIPING FROM AIR HANDLER MAIN TO CONDENSING UNIT CU-1 PER MANUFACTURER'S RECOMMENDATIONS AND INSULATE WITH ARNOLD/VINYL WRAP. SEE REFRIGERATION SPECIFICATIONS FOR FURTHER INFORMATION.
- PROVIDE AND INSTALL NEW THERMOSTAT FOR NEW AIR HANDLER SERVING ENCLOSED DOCK.
- DUAL WALL DUCT (SHOWN HATCHED) DUCT SHALL ROUTE TIGHT TO BOTTOM OF STRUCTURE.
- SEAWALL REGISTER SHALL BE SET TO THROW AIR PARALLEL WITH THE FLOOR.
- LOADING DOCK IS NATURALLY VENTILATED THROUGH SHIPPING AND RECEIVING BAY DOORS.
- NEW ROOF MOUNTED EXHAUST FAN F-2 TO BE INSTALLED WITH NEW ROOF CURB TO SERVE CUSTOMER RESTROOMS. FAN SHALL UTILIZE EXISTING ROOF PENETRATION UNLESS AS REQUIRED. EXISTING 18" X 24" EXHAUST SHALL TRANSITION TO NEW 14" X 24" DUCT AND ROUTE UP THROUGH ROOF TO NEW F-2. SEE CURB AND FAN MOUNTING DETAILS, SHEET M2.1.

1 HVAC RENOVATION PLAN

M1.1
SCALE: 1/8"=1'-0"