



01 MECHANICAL PLAN

- ① SUPPLY AIR DUCT UP THRU ROOF TO RTU, SIZE AS INDICATED. TRANSITION IN VERTICAL TO UNIT OPENING SIZE. FIELD VERIFY.
- ② RETURN AIR DUCT UP THRU ROOF TO RTU, SIZE AS INDICATED. TRANSITION IN VERTICAL TO UNIT OPENING SIZE. FIELD VERIFY. REFER TO DETAIL 09/M1.3.
- ③ ENTOUCH THERMOSTATS WITH REMOTE SENSORS TO MATCH UNIT TO BE REMOTELY LOCATED IN MANAGERS OFFICE AS SHOWN ON THIS SHEET. M.C. TO INSTALL THERMOSTAT AND SENSOR. THERMOSTAT TO HAVE ECONOMIZER CONTROL CAPABILITY. LABEL THERMOSTAT IN OFFICE FOR EACH APPROPRIATE ZONE.
- ④ 19"x10" EXHAUST FROM TYPE I HOOD TO BE 16 GA WELDED BLACK STEEL IN A 1 HOUR VENTED ENCLOSURE BY THE MECHANICAL CONTRACTOR. EXTEND UP THRU ROOF TO EF-1. OFFSET AS REQUIRED TO MAINTAIN A 10'-0" MINIMUM CLEARANCE FROM RTU AIR INTAKE.

TYPE I-HOODS SHALL BE DESIGNED AND INSTALLED TO AUTOMATICALLY ACTIVATE THE EXHAUST FAN WHENEVER COOKING OPERATIONS OCCUR. THE ACTIVATION OF THE EXHAUST FAN SHALL OCCUR THROUGH AN INTERLOCK WITH THE COOKING APPLIANCES BY MEANS OF HEAT SENSORS OR BY MEANS OF OTHER APPROVED METHODS. UPON ACTIVATION OF THE TYPE I HOOD FIRE SUPPRESSION SYSTEM ALL POWER UNDER THE HOOD (GAS AND ELECTRIC) AND THE MAKE-UP AIR SYSTEM SHALL SHUNT OFF WHILE THE EXHAUST FAN STAYS ON.

- ⑤ 10x10 DISHWASH EXHAUST DUCT FROM TYPE J EXHAUST GRILLE UP THRU ROOF TO EF-2. TRANSITION AS REQUIRED.
- ⑥ 12" ELECTRIC /COMPRESSOR ROOM EXHAUST DUCT UP THROUGH ROOF TO EXHAUST FAN ON ROOF.
- ⑦ LOCATION OF TEMPERATURE SENSOR CONNECTED TO THERMOSTAT IN MANAGER'S OFFICE. MOUNT 72" AFF.
- ⑧ 14x12 TOILET EXHAUST DUCT UP THRU ROOF TO EF-3.
- ⑨ 8x8 UTILITY EXHAUST DUCT UP THRU ROOF TO EF-4.
- ⑩ CONNECT EF-1 CONTROLS FOR AUTOMATIC OPERATION WHEN COOKING (PIZZA OVENS ARE ON).
- ⑪ 8" METAL DUCT UP TO EF-5 ON ROOF. TRANSITION BOTH ENDS, TO FIT FAN AND EXH REG.
- ⑫ UNDERCUT DOOR TO ROOM FOR PURPOSE OF RETURN
- ⑬ 18" GREASE DUCT CLEAN-OUT, PROVIDE FULL SIZE CLEAN OUT ALIGNED WITH HORIZONTAL DUCT.
- ⑭ TITUS 33 RL STEEL RUN GRILLE, 23x14; FIRE DAMPER W/FUSIBLE LINK.
- ⑮ AIR CURTAIN FAN FF-1.