

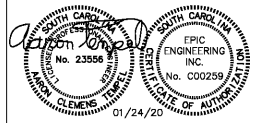
MECHANICAL RENOVATION PLAN
SCALE: 1/8" = 1'-0"

GENERAL NOTES (THIS SHEET ONLY)

1. ALL RETURN AIR GRILLES LOCATED IN OFFICE AND CONFERENCE ROOM CEILINGS SHALL BE PROVIDED WITH AN INTERNALLY LINED SOUND BOOT EQUAL TO THE GRILLE NECK SIZE. REFER TO DETAIL ON DRAWING M003.
2. ALL MATERIALS LOCATED WITHIN THE PLENUM SHALL BE PLENUM RATED.
3. ALL DUCTWORK SHALL BE GALVANIZED STEEL UNLESS OTHERWISE NOTED. ALL JOINTS AND SEAMS SHALL BE CLEANED, COATED AND SEALED WITH MASTIC OR MASTIC TAPE PRIOR TO APPLYING THE EXTERNAL INSULATION UNLESS OTHERWISE NOTED. FOR DOUBLE WALLED SPIRAL DUCT REFER TO KEYED NOTE 9 THIS SHEET AND NOTE 21 ON M001.
4. ALL DUCTWORK SHALL BE INSULATED WITH 3"-THICK FIBERGLASS DUCTWRAP WITH FOIL FACE (OWENS CORNING TYPE 75 OR APPROVED EQUAL) UNLESS OTHER NOTED. FOR DOUBLE WALLED SPIRAL DUCT REFER TO KEYED NOTE 9 THIS SHEET AND NOTE 21 ON M001.
5. DUCT SIZES INDICATED ARE NET FREE INSIDE DIMENSIONS OF RECTANGULAR AND ROUND METAL DUCT.
6. BALANCE SYSTEM TO AIR FLOWS SHOWN ON FLOOR PLAN. PROVIDE THIRD PARTY TEST AND BALANCE REPORT TO ENGINEER FOR APPROVAL.

KEYED NOTES (THIS SHEET ONLY)

1. TRANSITION FROM UNIT RETURN CONNECTION SIZE TO 24"x12" INTERNALLY LINE DUCT.
2. TRANSITION FROM UNIT RETURN CONNECTION SIZE TO 22"x12" INTERNALLY LINE DUCT.
3. TRANSITION FROM UNIT RETURN CONNECTION SIZE TO 18"x12" INTERNALLY LINE DUCT.
4. TRANSITION FROM UNIT RETURN CONNECTION SIZE TO 16"x12" INTERNALLY LINE DUCT.
5. TRANSITION FROM UNIT RETURN CONNECTION SIZE TO 24"x14" INTERNALLY LINE DUCT.
6. TRANSITION FROM UNIT RETURN CONNECTION SIZE TO 30"x14" INTERNALLY LINE DUCT.
7. TRANSITION FROM UNIT RETURN CONNECTION SIZE TO 32"x16" INTERNALLY LINE DUCT.
8. COORDINATE EXACT EQUIPMENT LOCATION WITH FIELD CONDITIONS TO ENSURE MANUFACTURER'S CLEARANCES ARE MAINTAINED.
9. PROVIDE ROUND, DOUBLE WALL SPIRAL SUPPLY AIR DUCT IN RECEPTION 103, LOUNGE 107 AND IN BREAK AREA 117. COORDINATE EXACT DUCT ROUTINGS WITH ARCHITECTURAL REFLECTED CEILING PLANS AND LIGHTING PLANS. REFER TO NOTE 21 ON M001.
10. PROVIDE EF-5 WITH LINE VOLTAGE THERMOSTAT. INTERLOCK GRAVITY HOOD GH-4 MOTORIZED DAMPER TO OPEN WHEN FAN IS ENERGIZED.



SHEET ISSUE:
01/14/2020 Window Set
01/24/2020 Form/EH Set

PRINCIPAL IN CHARGE: ACT
PROJECT ENGINEER: ACT
DRAWN BY: RAD

SHEET TITLE:
**MECHANICAL
RENOVATION PLAN**

PROJ. NO. MFS 017348.00

SHEET NO.

M101