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FIRE RATED WALLS

1 HR RATED

**GENERAL NOTES:**

- PROVIDE BALANCING DAMPERS ON ALL LOW PRESSURE SUPPLY, RETURN, AND EXHAUST BRANCH DUCTS AND RUNOUTS. ALL BALANCING DAMPERS SHALL BE EASILY ACCESSIBLE AND IDENTIFIED WITH FLAG OR ORANGE PAINT.
- ALL DUCT DIMENSIONS ARE INSIDE CLEAR.
- IN HARD CEILING PROVIDE BALANCING DAMPER WITH 30 INCHES OF DIFFUSER GRILLE. PROVIDE ACCESSORY ALUMINUM MOUNT FRAME / PLASTER FRAME FOR HARD CEILING THAT ALLOWS DIFFUSER WITH FLEX CONNECTION TO BE LIFTED OUT OF FRAME TO ACCESS CEILING SPACE.
- BRANCH RUNOUTS TO DIFFUSERS SHALL BE THE SIZE LISTED ON THE GRILLE/DIFFUSER SCHEDULE, UNLESS OTHERWISE NOTED.
- REFER TO DRAWING M201 FOR THERMOSTAT LOCATIONS.

**KEYNOTES:**

- DROP DOWN AND RUN DUCTWORK SERVING SUPPLY DIFFUSER IN THE CEILING, BELOW EQUIPMENT PLATFORM FLOOR.
- BALANCE OA TO 300 CFM.
- BALANCE OA TO 100 CFM.
- BALANCE TO 75 CFM.
- DUCTWORK WITHIN THE STAIRWELL AREA SHALL HAVE PAINT GRIP FINISH TO BE PAINTED FLAT BLACK.
- INSTALL UNIT ABOVE DOOR. PROVIDE 3/4" CONDENSATE DRAIN LINE FROM UNIT AND ROUTE TO MECHANICAL ROOM M01 NEAREST FLOOR DRAIN. TERMINATE WITH AIR GAP. INSTALL PIPING SO THAT IT DOES NOT CAUSE A TRIP HAZARD.

**DRAWING CLARIFICATION NOTE:**

THIS DRAWING SHOWS THE MECHANICAL EQUIPMENT AND DUCTWORK ON THE EQUIPMENT PLATFORM LEVEL AND ALSO THE DUCTWORK AND DIFFUSERS AND GRILLES SERVING SPACES ON THE 1ST FLOOR.

