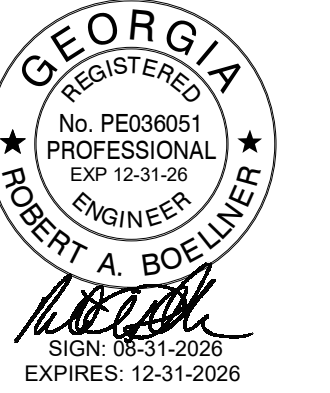




FP 2027-3500-01

FIRE STATION MADISON, GA

MADISON, GA 30650

BID DOCUMENTS

Project No.: 25-02527
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ROOF MECHANICAL PLAN

M220

HVAC GENERAL NOTES

- A. COORDINATE CEILING DIFFUSERS WITH LIGHTS, SPRINKLER HEADS, AND SMOKE DETECTORS. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATION OF CEILING DEVICES.
- B. COORDINATE WITH MECHANICAL CONTRACTOR TO LOCATE DUCTS AND VENTS. EVEN IF NOT INDICATED ON PLANS, COORDINATE ALL PIPES AND DUCTWORK IN CEILING AREAS TO BE RUN NEARLY AND PERPENDICULAR OR PARALLEL TO JOISTS. INSTALL DUCTWORK PER ASHRAE STANDARDS.
- C. CONTRACTOR SHALL COORDINATE DUCT PENETRATIONS WITH STRUCTURAL DRAWINGS.
- D. THE DUCTWORK PLANS ARE DIAGNOSTIC; IT IS THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR TO MAKE THE DUCTWORK FIT, MODIFY AS REQUIRED.
- E. MAINTAIN DAMPERS IN GRILLES AND DIFFUSERS, UNLESS LOCATED IN-LAY IN CEILING, THEN PROVIDE DAMPERS AT FANS.
- G. PROVIDE SEPARATION OUTSIDE AIR INTAKE TO EXHAUST AND DRYER VENTS.
- H. PROVIDE CEILING NATED DAMPERS ON GRILLES AND DIFFUSERS THAT ARE MOUNTED IN RATED CEILINGS.
- J. MAINTAIN MINIMUM 1" CLEARANCE TO ROOF EDGE FOR ALL MECHANICAL EQUIPMENT AND PENETRATIONS. ALL EXPOSED DUCTWORK ROUTED ON THE ROOF TO HAVE A MINIMUM R-4 INSULATION.

PLAN NOTES

- 1 DOAS-1 MOUNT ON CURB. CONNECT SUPPLY AND EXHAUST AIR DUCT TO UNIT FROM BELOW. 1 1/4" DRAIN PIPE DROP TO NEAREST FLOOR DRAIN.
- 2 4" INTAKE AIR DUCT TO BELOW. TERMINATE WITH WEATHER CAP.
- 3 4" FLUE EXHAUST AIR DUCT FROM BELOW. TERMINATE WITH WEATHER CAP.
- 4 INSTALL DRYER VENT CAP AND CONNECT INTAKE AIR AND FLUE EXHAUST DUCT FROM BELOW.

1 ROOF MECHANICAL PLAN
1/8" = 1'-0"