

NOTES:

- 26 X 16 SUPPLY AIR DUCT UP TO RTU. TRANSITION TO RTU CONNECTION SIZE UNDER ROOF DECK AND CONNECT TO UNIT WITH A FLEXIBLE CONNECTION.
- 26 X 16 RETURN AIR DUCT UP TO RTU. TRANSITION TO RTU CONNECTION SIZE UNDER ROOF DECK AND CONNECT TO UNIT WITH A FLEXIBLE CONNECTION.
- 8" DIAMETER DUCT UP TO GOOSENECK FITTING ON ROOF. TRANSITION TO DUCT CONNECTION SIZE OF GOOSENECK JUST BELOW ROOF DECK.
- REFER TO SHEET E1 FOR CONTROL OF EXHAUST FAN.
- ELECTRICAL CONTRACTOR SHALL PROVIDE DUCT SMOKE DETECTOR FOR ALL HVAC UNITS GREATER THAN 2000 CFM SUPPLY. DUCT DETECTORS SHALL BE EQUAL TO NOTIFIER MODEL #DH400ACDC WITH SAMPLING TUBE IN LENGTH PROPER FOR DUCT SIZE. RTS-541KEY REMOTE KEYED TEST STATION, AND APA-451 REMOTE ANNUNCIATOR ALARM LED. INTERLOCK WITH UNIT TO SHUT DOWN UPON ALARM.

GENERAL HVAC NOTES:

- ALL MECHANICAL WORK SHALL BE IN ACCORDANCE WITH THE 2009 INTERNATIONAL MECHANICAL CODE AS ADOPTED BY THE STATE OF MISSISSIPPI AND THE CITY OF TUPELO.
- CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONSTRUCTION PRIOR TO SUBMITTING HIS BID. NO EXTRAS WILL BE PAID DUE TO UNANTICIPATED EXISTING CONDITIONS.
- CONTRACTOR SHALL SCHEDULE AND EXECUTE ALL WORK WITH REGARD TO THE OWNER'S USE OF THE BUILDING.
- PLANS ARE DIAGRAMMATIC AND SHALL NOT BE SCALED. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS.
- DUCT MATERIALS SHALL BE AS FOLLOWS:
RECTANGULAR SUPPLY AIR DUCT - 1" PRESSURE CLASS OR LESS: GALVANIZED SHEET METAL WITH 1/2" THICK, 2 LB. DENSITY DUCT LINER.
ROUND SUPPLY AIR DUCT - 1" PRESSURE CLASS OR LESS: GALVANIZED SNAPLOCK PIPE WITH TRANSVERSE JOINTS TAPED. WRAP WITH 1.5", 1.0 LB DENSITY FIBERGLASS DUCT WRAP WITH FOIL-SCRIM-KRAFT FACING.
ROUND SUPPLY AIR DUCT - GREATER THAN 1" PRESSURE CLASS: SPIRAL PIPE WITH SPIRAL PIPE FITTINGS. ALL JOINTS SHALL BE SEALED IN ACCORDANCE WITH SMACNA MANUAL 15d STANDARDS. WRAP WITH 1.5", 1.0 LB DENSITY FIBERGLASS DUCT WRAP WITH FOIL-SCRIM-KRAFT FACING.
RECTANGULAR EXHAUST DUCT: GALVANIZED SHEET METAL WITH 1/2", 2 LB. DENSITY DUCT LINER.
ROUND EXHAUST DUCT: GALVANIZED SNAP-LOCK PIPE WITH TRANSVERSE JOINTS TAPED.
ROUND FLEXIBLE DUCT: UL LISTED CLASS 1 PRE-INSULATED FLEX DUCT. RUNS OF FLEXIBLE DUCT SHALL NOT EXCEED 5 LINEAR FEET. FLEXIBLE DUCT SHALL NOT BE USED ON SYSTEMS WITH PRESSURE CLASS GREATER THAN 1".
- ALL DUCTWORK SHALL BE FABRICATED AND INSTALLED IN ACCORDANCE WITH SMACNA STANDARDS, MANUAL 15d. ALL SUPPLY AIR DUCT PRESSURE CLASSES SHALL BE THE SAME AS THE EXTERNAL STATIC PRESSURE (ESP) OF THE EQUIPMENT SUPPLYING THE DUCT. THE EQUIPMENT ESP SHALL BE THE PRESSURE CLASS FOR THE ENTIRE SUPPLY DUCT SYSTEM.
- ALL METAL DUCTWORK SPECIFIED TO RECEIVE INTERIOR THERMAL AND ACOUSTICAL LINER IS NOT SIZED ON PLANS TO INCLUDE THE PROPER THICKNESS OF INSULATION. ADD 1" OR 2" IN HEIGHT AND WIDTH OF DUCTWORK TO ACCOMMODATE THICKNESS OF INSULATION.
- PROVIDE TURNING VANES IN ALL ELBOWS.
- THERMOSTATS SHALL BE SUPPLIED BY THE HVAC CONTRACTOR. THE HVAC CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION AND CONNECTION OF THERMOSTATS.
- EQUIVALENT MANUFACTURERS OF ROOFTOP UNITS SHALL BE YORK, CARRIER, OR TRANE.



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RELATED DOCUMENTS: This Drawing is a single component of an integrated set of Construction Documents, General and Supplementary Conditions of the Contract, General Requirements, Specifications and other drawings may affect the final construction. Failure to review and integrate the entire set of the Construction Documents does not relieve the Contractor from providing a complete Project.

COMPLY WITH all laws, codes, ordinances and regulations with authority having jurisdiction and with requirements of the Lender, if applicable. Do not start work until all permits and required approvals are obtained.

VERIFY ACTUAL CONDITIONS and dimensions prior to construction. Commencement of work constitutes verification and acceptance of all existing conditions. Application of a material or equipment item to that installed by others constitutes acceptance of that item, and assumption of responsibility for satisfactory installation.

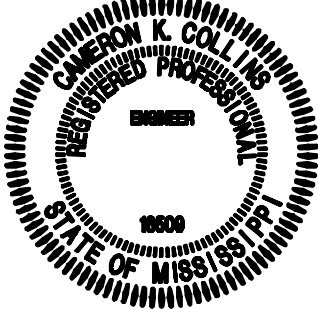
DIMENSIONS SHOWN are to finish face of a material unless otherwise indicated. DIMENSIONS & HEIGHTS dimensions - DO NOT SCALE drawings unless otherwise indicated.

project title

CFT NV DEVELOPMENTS
RETAIL SHELL
N GLOSTER ST & SYMPHONY
TUPELO, MS

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drawing issuance
PERMIT 1.19.17
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HVAC FLOOR PLAN

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M2