

1 FIRST FLOOR HVAC PLAN
 SCALE: 1/4" = 1'-0"
 NORTH

PLAN HEX NOTES:

- 1 SUPPLY AND RETURN DUCTS SHALL PENETRATE EXTERIOR WALL ABOVE LAY-IN CEILING.
 - 2 6" EXHAUST DUCT UP TO ROOF CAP.
 - 3 GALVANIZED STEEL DRYER VENT UP THROUGH ROOF. TERMINATE WITH CAP/RAIN SHIELD.
- GENERAL NOTES:**
- A. ALL MECHANICAL WORK SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE 2021 INTERNATIONAL MECHANICAL CODE AS ADOPTED BY THE CITY OF DENTON COUNTY, TEXAS.
 - B. PLANS ARE DIAGRAMMATIC AND SHALL NOT BE SCALED. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS.
 - C. 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 SAME PRESSURE CLASS FOR THE ENTIRE SUPPLY DUCT SYSTEM.
 - D. 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.
 - E. BRANCH DUCTS SHALL BE THE SAME SIZE AS DIFFUSER NECK UNLESS NOTED OTHERWISE.
 - F. ROUND TAKE-OFF FITTINGS FROM RECTANGULAR DUCTWORK SHALL BE MADE WITH BUCKLEY BELLMOUTH FITTINGS, OR APPROVED EQUAL.
 - G. PROVIDE TURNING VANES IN ALL ELBOWS.
 - H. THERMOSTATS SHALL BE SUPPLIED BY THE HVAC CONTRACTOR. THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL THE NECESSARY CONDUIT, WIRING, BOXES, ETC. FOR THE INSTALLATION OF THERMOSTATS. THE HVAC CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION AND CONNECTION OF THERMOSTATS.
 - I. MECHANICAL SYSTEM SHALL BE TESTED AND BALANCED PRIOR TO FINAL CITY INSPECTION. FILE COMPLETED REPORT WITH CITY PRIOR TO FINAL CITY INSPECTION.
 - J. CLOSELY COORDINATE WITH ALL OTHER TRADES.

GENERAL NOTES:

A. FOR ALL HVAC QUESTIONS CONTACT RTM ENGINEERING CONSULTANTS, 417-881-0020. CONTACT PERSON: TYLER ENSERRO, tyler.enserro@rtmec.com

Hufft

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ISSUE:

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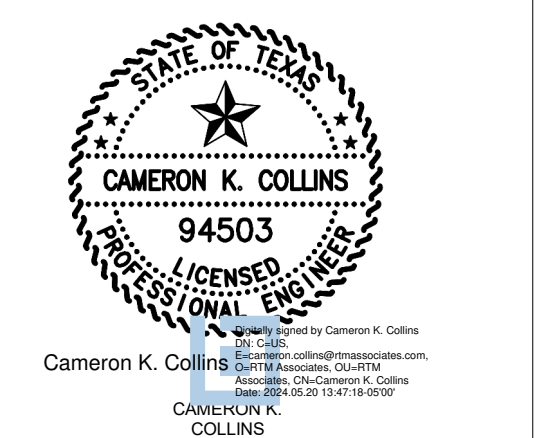
11-17-2023

REVISION SCHEDULE:

NO.	DATE	ISSUE
4	04/28/2024	SI 02
5	05/20/2024	SI 03

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