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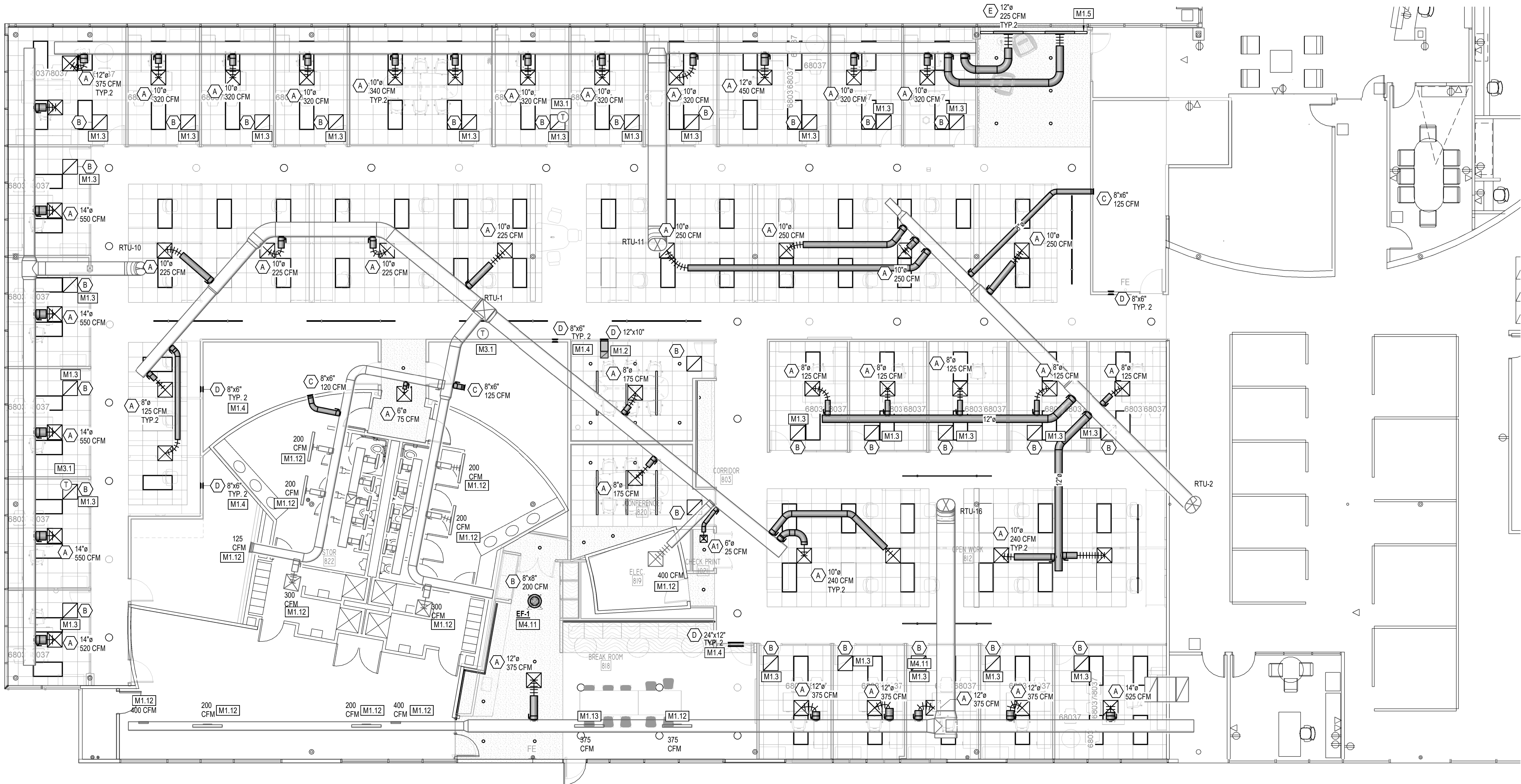
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1 MECHANICAL PLAN LEVEL 1
M2.11 1/8" = 1'-0"

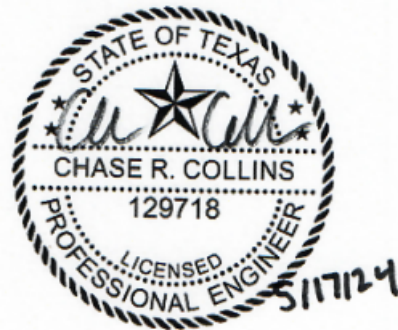
MECHANICAL GENERAL NOTES

- A. CONTRACTOR TO VERIFY PROPER OPERATION OF EXISTING THERMOSTATS. PROVIDE NEW TO MATCH EXISTING IF NOT FUNCTIONING PROPERLY.
- B. PROVIDE DIFFUSERS AND AIR GRILLES ACCORDING TO BASE BUILDING STANDARD.
- C. ALL EXISTING EQUIPMENT TO BE RELOCATED OR REUSED MUST BE CLEANED, PAINTED, AND ALL DAMAGED PARTS MUST BE REPAIRED OR REPLACED.
- D. CONTRACTOR SHALL COORDINATE WITH STRUCTURAL CONDITIONS AT THE SITE AND PROVIDE ALL CLEARANCES AS INDICATED.
- E. CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR FOR ALL ELECTRICAL POWER REQUIREMENTS.
- F. THERMOSTAT OR BUILDING MANAGEMENT SYSTEM SHALL HAVE CAPABILITY TO SET BACK OR SHUT DOWN THE SYSTEM BASED ON DAY OF THE WEEK AND TIME OF THE DAY AND PROVIDE A READILY ACCESSIBLE MANUAL OVERRIDE THAT WILL RETURN TO THE PRESETBACK OR SHUTDOWN SCHEDULE WITHOUT REPROGRAMMING.
- G. ZONE THERMOSTAT CONTROL SHALL PROVIDE A TEMPERATURE RANGE OR DEADBAND OF AT LEAST 5°F WITHIN WHICH THE SUPPLY OF HEATING AND COOLING ENERGY TO THE ZONE IS CAPABLE OF BEING SHUT OFF OR REDUCED TO A MINIMUM.
- H. CONTRACTOR SHALL NOTIFY ENGINEER ALL DISCREPANCIES BETWEEN EXISTING DUCTWORK AND DUCTWORK SHOWN ON DRAWINGS, WHICH MAY REQUIRE MODIFICATIONS (PRIOR TO FABRICATION OF ANY DUCTWORK).
- I. ALL EXISTING DUCTWORK, EQUIPMENT, PIPING, AND ASSOCIATED ACCESSORIES SHALL REMAIN UNLESS OTHERWISE INDICATED.
- J. CONTRACTOR SHALL NOTE THAT ALL MATERIALS BEING USED WITHIN THE CEILING PLENUM MUST BE PLENUM RATED.
- K. PROVIDE INSULATION FOR PIPING AND DUCTWORK THAT MEETS THE 2015 IECC ENERGY CODE. CONTRACTOR SHALL ENSURE ALL EXISTING AND NEW DUCTWORK AND PIPING IN THIS SPACE IS PROPERLY INSULATED.
- L. CONTRACTOR SHALL RE-BALANCE ALL EXISTING SUPPLY AIR DEVICES TO CFM INDICATED ON PLAN.
- M. CONTRACTOR SHALL REPAIR DAMAGED DUCTWORK.
- N. CONTRACTOR SHALL VERIFY RETURN AIR PATH BACK TO AIR HANDLING UNIT. PROVIDE RETURN AIR BOOTS AS REQUIRED WHERE WALLS ARE TO DECK. SIZE AT 600 FPM MAXIMUM VELOCITY.

MECHANICAL KEYED NOTES

- M1.2 PROVIDE SIDEWALL REGISTER RETURN AIR TRANSFER BOOT. SIZE AS INDICATED. RE: DETAIL 4M5.01.
- M1.3 PROVIDE SOUND RETURN AIR TRANSFER BOOT AT RETURN GRILLE IN ALL ENCLOSED OFFICES. RE: DETAIL 5M5.01.
- M1.4 PROVIDE QTY. 2 SIDEWALL GRILLES ON WALL FOR RETURN AIR PATH. CONNECT GRILLES WITH SHEET METAL DUCT. SIZE AS INDICATED ON PLAN.
- M1.5 PROVIDE A CONTINUOUS SLOT AT LOCATION SHOWN. PORTION OF SLOT NOT USED FOR SUPPLY SHALL BE BLANKED OFF.
- M1.12 BALANCE EXISTING AIR DEVICE TO CFM INDICATED.
- M1.13 FINAL LOCATION OF RELOCATED AIR DEVICE. BALANCE TO CFM INDICATED. CONNECT TO EXISTING TRUNK DUCT AS SHOWN.
- M3.1 RELOCATE EXISTING THERMOSTAT TO APPROXIMATE LOCATION SHOWN. THERMOSTAT SHALL BE INSTALLED AT SAME ELEVATION AS LIGHT SWITCHES. COORDINATE FINAL LOCATION WITH ARCHITECT AND OTHER TRADES TO AVOID CONFLICTS. EXTEND CONTROL WIRING AS REQUIRED FOR NEW SENSOR LOCATION.
- M4.11 PROVIDE ROOF MOUNTED EXHAUST FAN AT APPROXIMATE LOCATION SHOWN. PROVIDE FAN WITH ROOF CURB TO MATCH ROOF SLOPE. FAN SHALL BE INTERLOCKED WITH ASSOCIATED RTU.

Seal / Signature



Project Name

Woodlands Township - Office
Renovation

Project Number

02.9171.000

Description

MECHANICAL PLAN LEVEL 1

Scale

1/8" = 1'-0"

M2.11



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