



01 1ST FLOOR PLAN - MECHANICAL

- GENERAL NOTES:**
- CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION WITH ACTUAL CONDITIONS AND FINAL LOCATIONS. IF THE DEPICTED INFORMATION HEREIN IS FOUND TO BE SUBSTANTIALLY DIFFERENT THAN THE ACTUAL CIRCUMSTANCE, THE CONTRACTOR SHALL BE RESPONSIBLE TO NOTIFY THE ENGINEER OF SUCH DIFFERENCES PRIOR TO CONSTRUCTION.
 - IF EXISTING NECK SIZE WILL NOT PROVIDE CFM LISTED, CONTRACTOR SHALL REPLACE THE DIFFUSER AND BRANCH DUCT WITH THE APPROPRIATE SIZE DIFFUSER
 - REFER TO SHEET M000, M001 AND M002 FOR LEGENDS, ABBREVIATIONS.
 - REFER TO SHEET M501 FOR DETAILS AND SCHEDULES.
 - ALL BUILDING AUTOMATION SHALL BE BY THE BASE BUILDING CONTROLS VENDOR, JOHNSON CONTROLS.

- MECHANICAL NOTES BY SYMBOL: (M-X) (THIS SHEET ONLY)**
- RELOCATE EXISTING SUPPLY DIFFUSERS, RETURN AIR GRILLES AND EXTERIOR SLOTS AS SHOWN, PROVIDE NEW AS REQUIRED. PROVIDE SPIN TAP, VOLUME DAMPER AND FLEX DUCT FOR RELOCATED SUPPLY DIFFUSERS TO NEW OR EXISTING DUCT SYSTEM AS SHOWN.
 - RELOCATED SUPPLY DIFFUSERS OR RETURN AIR GRILLES AND EXTERIOR SLOTS DO NOT SHOW A TYPE DESIGNATION.
 - RELOCATED PRIMARY DUCTWORK AND OR PROVIDE NEW, AND RE-CONNECT TO EXISTING PRIMARY DUCTWORK AS SHOWN.
 - PROVIDE NEW SUPPLY DIFFUSERS, RETURN AIR GRILLE AND SLOT DIFFUSERS, SPIN TAP, VOLUME DAMPER AND FLEX DUCT. CONNECT TO INTERNALLY LINED DUCTWORK, EXISTING OR NEW INTERNALLY LINED SPIRAL PAINT GRIP DUCTWORK AT OPEN CEILING AREAS. COORDINATE WITH ARCHITECTURAL CEILING PLAN. REF: M51 FOR GRILLE SCHEDULE.
 - PROVIDE NEW SIDEWALL REGISTERS, VOLUME DAMPERS AND CONNECT TO NEW INTERNALLY LINED SPIRAL PAINT GRIP DUCTWORK AT OPEN CEILING AREAS.
 - PROVIDE NEW VARIABLE AIR VOLUME BOXES (VAV) WITH CONTROLS, PRIMARY AND INTERNALLY LINED SECONDARY DUCTWORK AND OR INTERNALLY LINED SPIRAL PAINT GRIP DUCTWORK AT OPEN CEILING AREAS AND ALL ASSOCIATED APPURTENANCES. CONNECT TO EXISTING OR NEW DUCT SYSTEM. COORDINATE WITH STRUCTURAL AND EXISTING CONDITIONS FOR PLACEMENT. MAINTAIN CLEARANCES FOR MAINTENANCE AND ACCESS.
 - RE-CONNECT RELOCATED EXISTING TERMINAL BOX, PROVIDE NEW PRIMARY, INTERNALLY LINED DUCTWORK AND OR INTERNALLY LINED SPIRAL PAINT GRIP SPIRAL DUCT AT OPEN CEILING AREAS, CONTROLS, AND ALL ASSOCIATED APPURTENANCES. COORDINATE WITH ARCHITECTURAL CEILING PLAN TO MAINTAIN CLEARANCES FOR MAINTENANCE AND ACCESS.
 - RELOCATED RETURN AIR BOOTS AND OR PROVIDE LINED RETURN AIR BOOT IN PLENUM FOR RETURN AIR SYSTEM. REF: ARCHITECTURAL CEILING PLAN FOR FULL HEIGHT WALLS, PATCH ARCHITECTURAL WALLS AT RELOCATED RETURN AIR BOOTS PER ARCHITECTURAL PLAN.
 - RELOCATE EXISTING SENSOR (THERMOSTATS) AND CO2 SENSORS, REPLACE ALL NON-FUNCTIONING SENSORS (THERMOSTATS) AND CO2 SENSORS AS REQUIRED. THERMOSTATS MOUNTED ON EXTERIOR WALLS TO BE MOUNTED ON INSULATED BASES.
 - BALANCE AIR DEVICES TO THE CFM AIR QUANTITIES INDICATED AND OR MEASURED PRIOR TO CONSTRUCTION.
 - PROVIDE WALL MOUNTED 2 TON A/C SPLIT SYSTEM UNIT, CONDENSATE PUMP, PIPING, VALVES, CONDENSING UNIT ON ROOF. CONTROLS AND ALL ASSOCIATED APPURTENANCES. COORDINATE CONDENSING UNIT LOCATION AND PIPING ROUTING WITH BUILDING FACILITIES PRIOR TO INSTALL.
- ADD ALTERNATE**
- PROVIDE ENVIRO-TEC FACTORY SOUND ATTENUATOR AT THE RETURN AIR FAN INLET AT EACH FAN POWERED BOX.
- DEDUCT ALTERNATE**
- EXISTING SQUARE DUCT WORK TO REMAIN THIS AREA, IN LIEU OF INTERNALLY LINED SPIRAL PAINT GRIP DUCTWORK.

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ISSUES

#	DESCRIPTION	DATE
1	ISSUE FOR PERMIT + BID	2024-0411
2	ISSUE FOR CONSTRUCTION	2024-0503

SEAL



PROJECT NAME + ADDRESS
BHHC OFFICE

6105 TENNYSON PARKWAY
SUITE 150
PLANO, TEXAS 75024

PROJECT NUMBER 12305.00

SHEET NAME
1ST FLOOR PLAN -
MECHANICAL

DRAWN / CHECKED BY TG & SC / JFJ

SCALE
1/8" = 1'-0"

ORIENTATION

SHEET NUMBER
M2.1



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