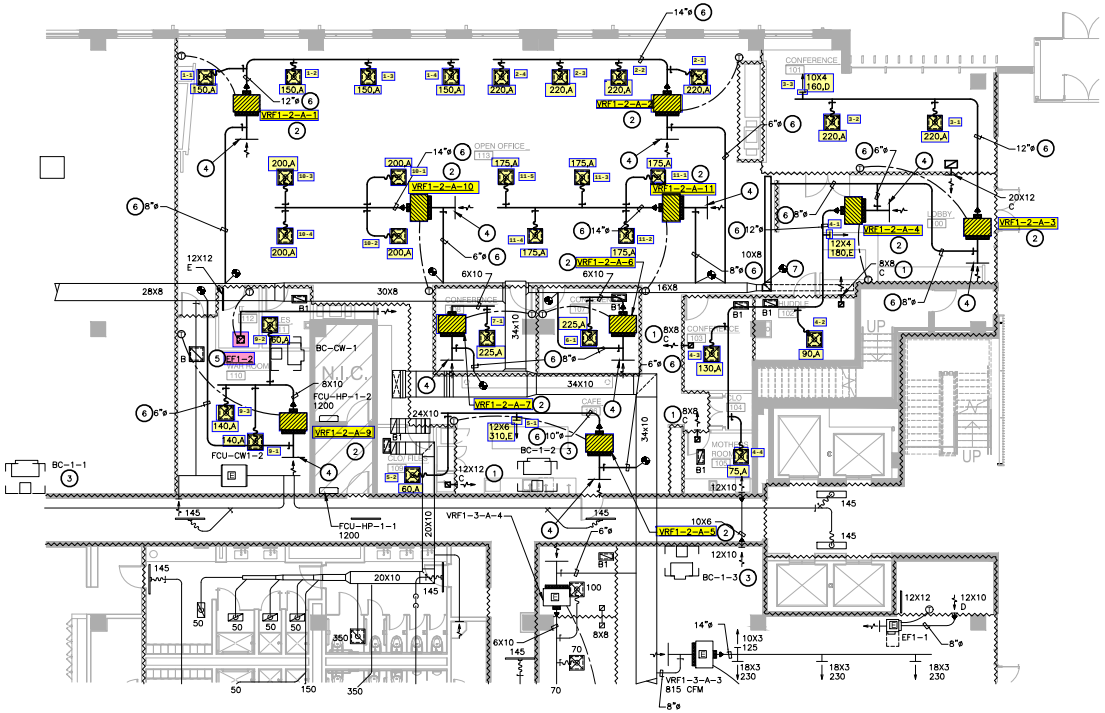

1 LEVEL 01 MECHANICAL PLAN
SCALE: 1/8"=1'-0"

NOTES BY SYMBOL ⓧ:

1. PROVIDE ACOUSTICALLY LINED RETURN AIR BOOT TRANSFER GRILLE IN WALL TO DECK AS HIGH AS POSSIBLE ABOVE CEILING WITH INTLET 90° ELBOW FACING UPWARD. SIZE PER PLANS. REFER TO DETAIL ON SHEET M3.01 FOR MORE INFORMATION.
2. FC UNIT TO BE SUSPENDED FROM STRUCTURE. EXTEND FULL SIZED RETURN AIR PLENUM AS INDICATED ON DRAWINGS. PROVIDE MANUAL DAMPER AT OUTSIDE AIR DUCT CONNECTION TO RETURN AIR PLENUM.
3. EXISTING BRANCH CONTROLLER SUSPENDED FROM STRUCTURE WITH ISOLATION SPRINGS.
4. EXTEND FULL SIZED RETURN PLENUM A MINIMUM OF 5'-0" OR AS FAR AS POSSIBLE FROM FAN COIL UNIT AS SHOWN. PROVIDE WIRE MESH WITH A MINIMUM OF 50% FREE AREA AT RETURN AIR OPENING. CONNECT OUTSIDE AIR DUCT WITH BALANCING DAMPER AS SHOWN ON DETAIL LOCATED ON SHEET M3.01.
5. INSTALL BOTTOM OF EXHAUST FAN AT CEILING AND SUSPEND FROM STRUCTURE USING ALTHREAD HANGER RODS WITH VIBRATION ISOLATOR PER EACH ROD. EXTEND EXHAUST DUCT A MINIMUM OF 5'-0" FROM FAN AND TERMINATE TRANSFER GRILLE MOUNTED AT END OF DUCT.
6. ALL EXPOSED ROUND DUCTWORK SHALL BE INTERNALLY LINED SPIRAL DUCT WITH MICROBIOLOGICAL TREATMENT AND MOUNTED AT HEIGHT REQUIRED TO MAINTAIN GRILLES AT SAME HEIGHT AS ADJACENT LIGHTING FIXTURES. COORDINATE FINAL HEIGHT WITH ARCHITECTURAL REPRESENTATIVE PRIOR TO ROUGH-IN.
7. EXTEND NEW FULL SIZE DUCT SAME SIZE AND MATERIALS TO MATCH EXISTING DUCT. VERIFY SIZE AT JOB SITE PRIOR TO BIDDING.

OUTSIDE AIR TAPS:

PROVIDE SQUARE TO ROUND TRANSITIONS AT EXISTING OUTSIDE AIR SUPPLY DUCT AS FOLLOWS:

6"X24" SQUARE TO 12"ø.
6"X16" SQUARE TO 10"ø.
6"X10" SQUARE TO 8"ø.

NORTH

PROJECT COORDINATOR/ DESIGN CONSULTANT

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PMI JOB NO. 24007.001
PROJECT MGR. TODD JOHNSON

THIS DRAWING SHALL NOT BE REPRODUCED FOR ANY PROJECT OTHER THAN THE PROJECT NOTED IN THE TITLE BLOCK, WITHOUT THE WRITTEN CONSENT OF PURDY-McGUIRE, INC. DALLAS, TX

SEAL

STATE OF TEXAS
TODD M. JOHNSON
86955
LICENSED
PROFESSIONAL ENGINEER
02-23-24

PROJECT NUMBER:	685-013
DRAWN BY:	RR
CHECKED BY:	MW
R.S.F.:	6,885

3300 OLYMPUS BLVD.
GRAY CONSTRUCTION

3300 OLYMPUS BLVD
SUITE #100
DALLAS, TX 75019

NO.	REVISIONS:	DATE:

CLIENT/LANDLORD ISSUE DATE:	02/23/2024
BID ISSUE DATE:	02/23/2024
PERMIT ISSUE DATE:	02/23/2024
CONSTRUCTION ISSUE DATE:	02/23/2024

DRAWING TITLE:

LEVEL 01 MECHANICAL PLAN

DRAWING NUMBER:

M2.01

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