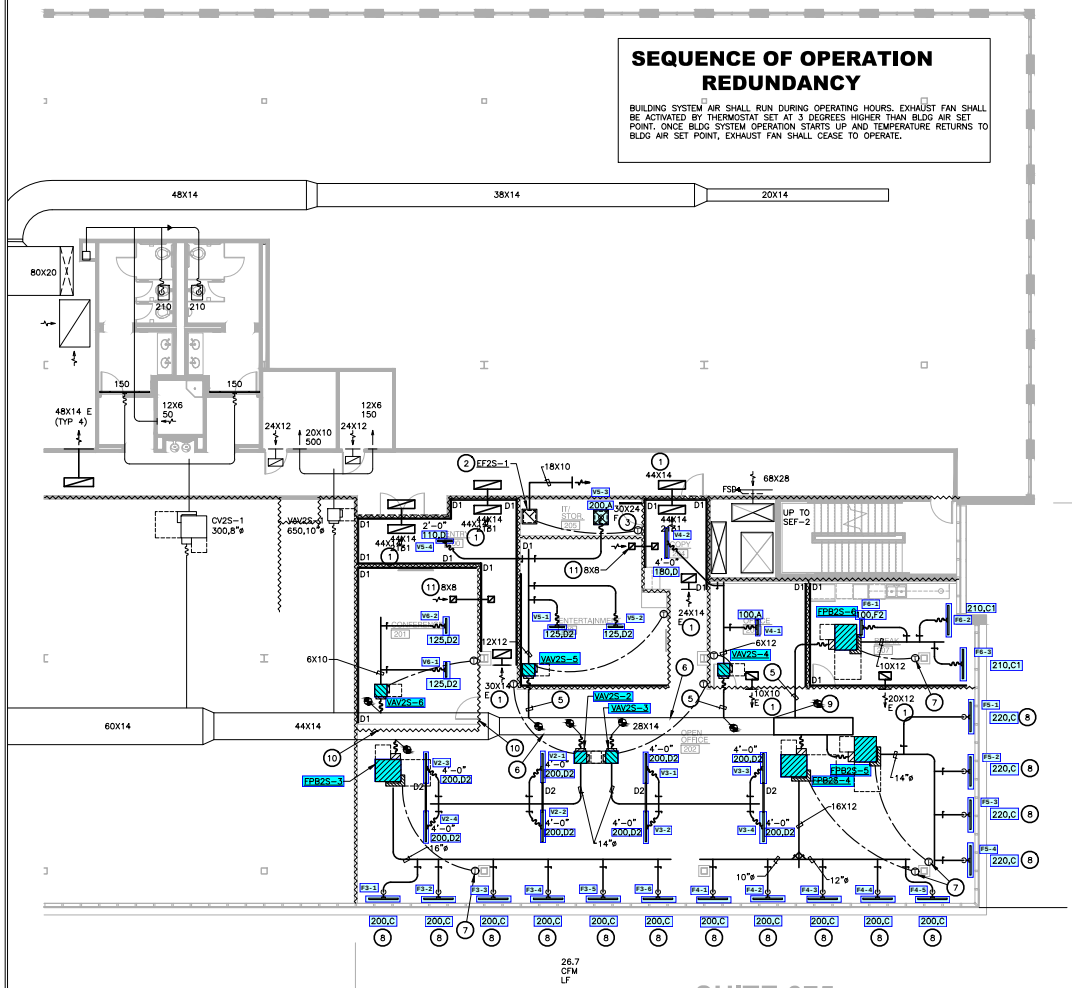
SEQUENCE OF OPERATION REDUNDANCY

BUILDING SYSTEM AIR SHALL RUN DURING OPERATING HOURS. EXHAUST FAN SHALL BE ACTIVATED BY THERMOSTAT SET AT 3 DEGREES HIGHER THAN BLDG AIR SET POINT. ONCE BLDG SYSTEM OPERATION STARTS UP AND TEMPERATURE RETURNS TO BLDG AIR SET POINT, EXHAUST FAN SHALL CEASE TO OPERATE.



SUITE 275
MUTUAL OF OMAHA INSURANCE

NOTES BY SYMBOL ⓧ:

1. PROVIDE ACOUSTICALLY LINED RETURN AIR BOOT THRU WALL TO DECK AS HIGH AS POSSIBLE ABOVE CEILING WITH INLET ELBOW AND OUTLET 90° ELBOW FACING UPWARD. SIZE PER PLANS. REFER TO DETAIL SHEET M0.01 FOR MORE INFORMATION.
2. EXHAUST FAN TO BE INSTALLED AT CEILING AND SUSPENDED FROM STRUCTURE WITH ISOLATION SPRINGS AND CONTROLLED BY THERMOSTAT SET A 75°. EXTEND VENTILATION DUCT AS SHOWN ON DRAWINGS.
3. TRANSFER DOOR GRILLE TO BE INSTALLED IN LOWER HALF OF DOOR PRIMED AND READY FOR PAINTING BY OTHERS. COORDINATE INSTALLATION OF GRILLE WITH GENERAL CONTRACTOR.
4. INSTALL EXPANDED TAP AT LOCATION INDICATED. REFER TO DETAIL ON SHEET M0.01 FOR ADDITIONAL INFORMATION.
5. ALL EXPOSED ROUND DUCTWORK SHALL BE INTERNALLY LINED SPIRAL DUCT, MOUNTED AT TO MAINTAIN BOTTOM OF DUCT AT SAME LEVEL AS ADJACENT LIGHTING FIXTURES. PROVIDE INTERNAL LINING WITH MICROBIOLOGICAL TREATMENT.
6. EXPOSED RECTANGULAR SUPPLY DUCT SHALL HAVE 2" THICK FLEXIBLE FIBERGLASS WITH FOIL WITH A VAPOR BARRIER WITH ALUMINUM WRAP OVER INSULATION OR PROVIDE INTERNAL LINING WITH MICROBIOLOGICAL TREATMENT.
7. PROVIDE INSULATION PAD TO BE INSTALLED BETWEEN THERMOSTAT AND PERIMETER WALL FOR THERMOSTATS MOUNTED ON EXTERIOR COLUMN/WALLS.
8. NEW SLOT DIFFUSER TO BE SUPPORTED TO HARD ROUND DUCT AT WALL PRIMED AND READY FOR PAINTING. COORDINATE PLACEMENT WITH SHADE POCKET.
9. EXTEND EXISTING MEDIUM PRESSURE DUCT USING SAME METHODS AND MATERIALS TO MATCH EXISTING AND WRAP DUCT AS SHOWN ON DETAIL SHEET M3.01.
10. WALL TO DECK SHALL BE SEALED AT BOTTOM OF MEDIUM PRESSURE DUCT AND AROUND ALL EXISTING MEDIUM PRESSURE DUCT LOCATED AT WALLS TO DECK.
11. PROVIDE ACOUSTICALLY LINED RETURN AIR BOOT THRU WALL TO DECK AS HIGH AS POSSIBLE ABOVE CEILING WITH INLET ELBOW AND OUTLET 90° ELBOW FACING UPWARD. SIZE PER PLANS. REFER TO DETAIL SHEET M0.01 FOR MORE INFORMATION.

REFER TO SHEET M0.01 FOR GENERAL NOTES, SCHEDULES AND SYMBOLS.

① LEVEL 02 MECHANICAL PLAN
SCALE: 1/4"=1'-0"

NORTH

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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

PROJECT NUMBER:	850-212
DRAWN BY:	MB
CHECKED BY:	BH/CB
R.S.F.:	4,952

BILLINGSLEY COMPANY

6275 WEST PLANO PARKWAY
MUTUAL OF OMAHA

6275 WEST PLANO PARKWAY
SUITE # 275
PLANO, TX 75093

NO.	REVISIONS:	DATE:

CLIENT/LANDLORD ISSUE DATE:	02/26/2025
BID ISSUE DATE:	03/05/2025
PERMIT ISSUE DATE:	03/05/2025

DRAWING TITLE:
LEVEL 02
MECHANICAL PLAN

DRAWING NUMBER:
M2.02

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