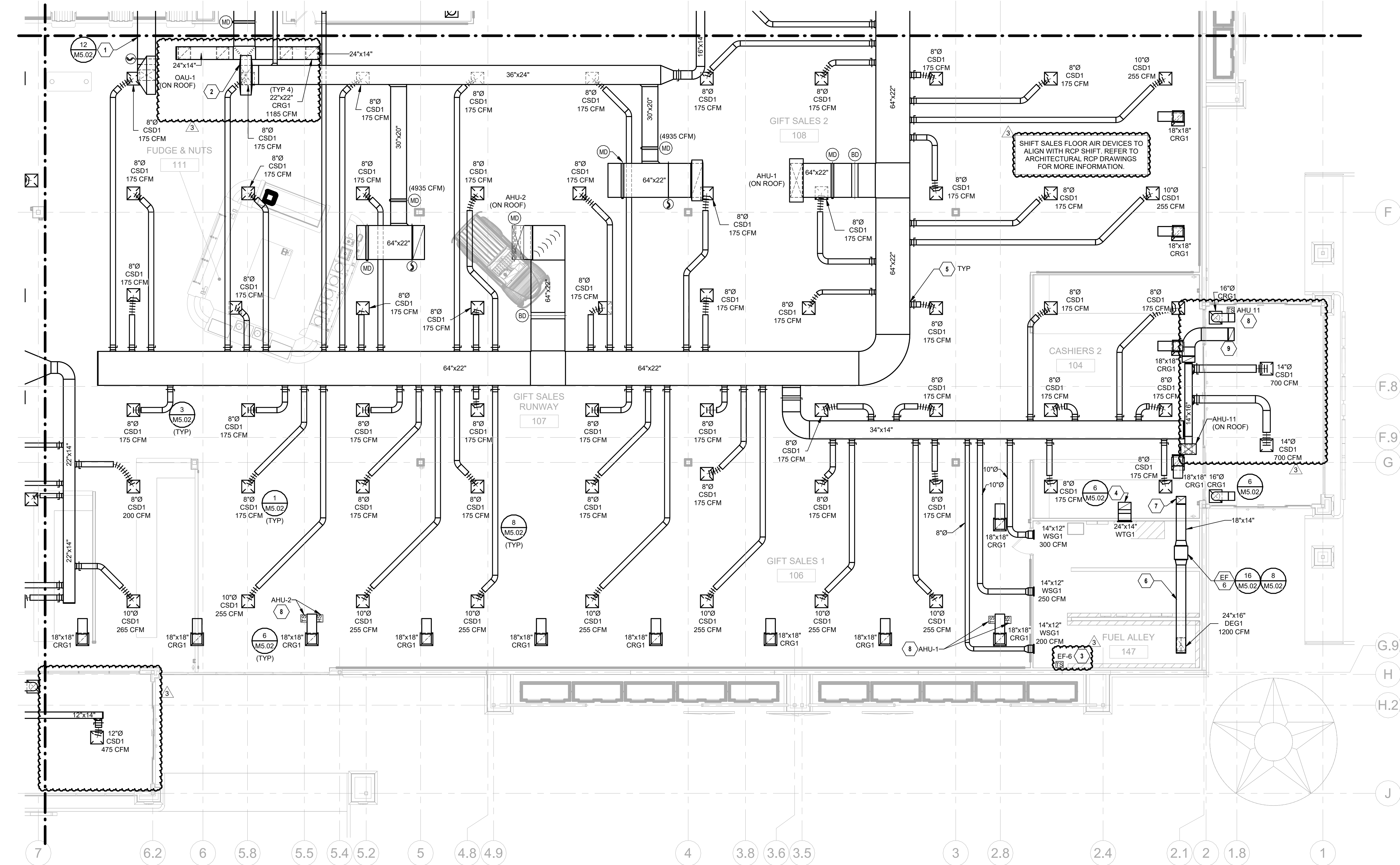




MECHANICAL FLOOR PLAN - AREA B
1/8" = 1'-0"

- MECHANICAL PLAN NOTES:**
- ROUTE 34X20 OUTSIDE AIR DUCTWORK FROM ERV 1 TO OAU 1. CONNECT DUCTWORK TO MIXING BOX DAMPER.
 - FULL SIZE OUTSIDE AIR DUCT DOWN FROM ROOF MOUNTED OUTSIDE AIR UNIT (OAU 1). PROVIDE TRANSITION TO 36X24 SUPPLY AIR DUCT.
 - PROVIDE INSULATED BACKING FOR THERMOSTATS AND TEMPERATURE SENSORS MOUNTED ON AN EXTERIOR WALL.
 - PROVIDE TRANSFER GRILLE IN WALL AS HIGH AS POSSIBLE. ORIENT GRILLE DEFLECTION BARS TOWARD CEILING TO BLOCK VISION INTO PLENUM. TYPICAL FOR ALL TRANSFER GRILLES SHOWN IN WALLS. PROVIDE WIRE MESH SCREEN AT OPEN END OF DUCT.
 - PROVIDE STRAIGHT DUCT TAPS ON SALES FLOOR DUCTWORK (AHU-1-4) FOR MULTIDIRECTIONAL AIRFLOW.
 - BOTTOM OF DUCT SHALL BE INSTALLED MINIMUM 6" ABOVE ELECTRICAL EQUIPMENT. COORDINATE EXACT REQUIRED CLEARANCES ABOVE ELECTRICAL EQUIPMENT WITH ELECTRICAL CONTRACTOR.
 - TERMINATE EXHAUST DUCT OUTLET OPEN-ENDED, UP WITHIN PLENUM. COVER DUCT OPENING WITH 1/2" GALVANIZED STEEL BIRD SCREEN.
 - INSTALL TEMPERATURE SENSOR AND HUMIDITY SENSOR WITHIN RETURN AIR BOOT.
 - FULL SIZE RETURN DUCT UP TO ASSOCIATED ROOF MOUNTED AIR HANDLING UNIT. TERMINATE UP, OPEN-END WITHIN PLENUM.



BUC-EE'S

A DEVELOPMENT OF

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Saline County, AR

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EXPIRES 12/31/2025

ISSUE/REVISION LOG:

No.	DESCRIPTION	DATE
1	Revision 1 - Owner Changes	09/09/2024
3	Revision 3 - Owner Changes	04/23/2025



ISSUED FOR REVIEW:	05/14/2024
ISSUED FOR BID:	05/14/2024
ISSUED FOR PERMIT:	05/14/2024

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M1.02

**MECHANICAL FLOOR PLAN -
AREA B**

LSL PROJECT NUMBER: 2024-107.000

BENTON, ARKANSAS

KEY PLAN

