

KEYED NOTES:

- DEMOLISH EXISTING 44" SPIRAL RETURN DUCT ELBOW AND DUCT EXTENSION.
- EXTEND EXISTING 34" SPIRAL RETURN AIR DUCT INTO ADJACENT TENANT SPACE.
- RELOCATE EXISTING SERIES FAN POWERED VAV BOX AS SHOWN, ENSURE MINIMUM SERVICE CLEARANCE IS PROVIDED. COORDINATE NEW LOCATION & DUCTWORK ROUTING WITH BUILDING OWNER. PROVIDE CEILING ACCESS PANEL FOR UNIT MAINTENANCE.
- PROVIDE 20"x20" SECURITY BAR, PROVIDE SQUARE TO ROUND TRANSITIONS IN EXISTING 20" SPIRAL DUCT.
- PROVIDE 34"x34" SECURITY BAR, PROVIDE SQUARE TO ROUND TRANSITIONS IN EXISTING 34" SPIRAL DUCT.
- PROVIDE 32"x32" SECURITY BAR, PROVIDE SQUARE TO ROUND TRANSITIONS IN EXISTING 32" SPIRAL DUCT.
- PROVIDE 34"x34" SECURITY BAR, PROVIDE SQUARE TO ROUND TRANSITIONS IN EXISTING 34" SPIRAL DUCT.
- LINED RETURN DUCT, PROVIDE BIRD SCREEN OVER OPENING.
- PROVIDE CONDENSATE PUMP, ROUTE CONDENSATE TO UTILITY DRAIN BOX BENEATH BREAK ROOM SINK. SEE PLUMBING PLANS FOR LOCATION.
- PROVIDE 12"x12" SECURITY BAR, PROVIDE SQUARE TO ROUND TRANSITIONS IN EXISTING 12" SPIRAL DUCT.
- PROVIDE NON-CONDUCTIVE DUCT BREAK THROUGH WALL.
- NOT USED.
- PROVIDE 12"x12" RETURN AIR TRANSFER IN WALL TO DECK.
- 12"x12" Z-DUCT RETURN, INSTALL PER DETAIL.
- PROVIDE 30" x30" RETURN AIR TRANSFER IN WALL TO DECK.
- CONNECT 6" OUTSIDE AIR DUCT TO AHU-1 & TIE INTO BASE BUILDING OUTSIDE AIR LOUVER. PROVIDE MOTORIZED DAMPER AND BALANCE TO 30 CFM.

GENERAL NOTES:

- COORDINATE THERMOSTAT LOCATION WITH OWNER PRIOR TO ROUGH-IN.
- LOCATION AND SIZES OF EXISTING DUCT WORK AND EQUIPMENT IS BASED ON SITE SURVEY AND AS-BUILT DRAWINGS. FIELD VERIFY AND REPORT ANY INTERFERENCES OR DISCREPANCIES TO ENGINEER.
- ALL EXISTING EQUIPMENT SHALL BE EVALUATED BY CONTRACTOR. CONTRACTOR SHALL REPORT ANY DEFICIENCIES TO OWNER.
- CONTRACTOR SHALL SURVEY SITE BEFORE PURCHASING OR FABRICATING EQUIPMENT OR DUCT.
- COORDINATE ALL CONTROLS WORK WITH BUILDING CONTROLS PROVIDER.
- COORDINATE WITH BUILDING CONTROLS PROVIDER TO ALTER SWUD SETPOINTS FOR UNOCCUPIED OPERATION. TENANT SPACE TO MAINTAIN MAXIMUM OF 78F AND MINIMUM OF 68F.
- ALL EXPOSED DUCT SHALL BE DOUBLE WALL SPIRAL WITH 2" THICK INSULATION. DIMENSIONS SHOWN ARE INTERNAL.
- COORDINATE VAV BOX LOCATIONS TO MAINTAIN MINIMUM SERVICE CLEARANCE.
- SEAL THROUGH WALL DUCT PENETRATIONS WITH ACOUSTICAL CAULK.
- CONTRACTOR TO VERIFY MERV 13 FILTERS INSTALLED IN EXISTING AHU. REPLACE AS NEEDED.

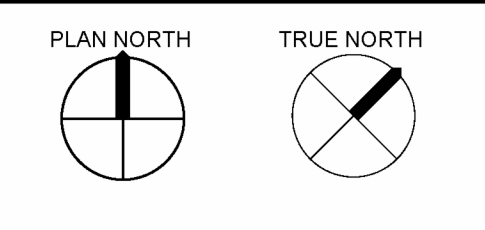


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Revision Schedule

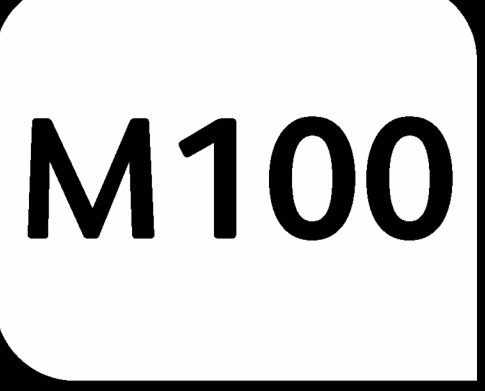
Rev #	Revision Description	Date



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MECHANICAL PLAN

A23036 12.15.23



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