



ERV SEQUENCE OF OPERATIONS:

SPACE OCCUPIED (HOURS OF OPERATION):
 ERV SHALL RUN CONTINUOUSLY TO PROVIDE CODE REQUIRED OUTDOOR AIR TO THE SPACE. EXHAUST AND OUTDOOR AIR MOTORIZED DAMPERS SHALL BE FULLY OPEN. EXISTING FURNACES SHALL CYCLE TO MAINTAIN SPACE SETPOINT.

SPACE UNOCCUPIED (SPACE CLOSED):
 ERV SHALL SHUT OFF. EXHAUST AND OUTDOOR AIR MOTORIZED DAMPERS SHALL SHUT. EXISTING FURNACES SHALL CYCLE TO MAINTAIN SPACE SETPOINT.

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

GENERAL NOTES
 (NOT ALL NOTES APPLY)

1. REFERENCE SHEET M101 FOR GENERAL NOTES, SYMBOLS, AND ABBREVIATIONS.

RELEASED FOR CONSTRUCTION
 As Noted on Plans Review
 Development Services Department
 Lee's Summit, Missouri
 06/08/2023

KEYED NOTES:

- EXISTING FURNACE AND ASSOCIATED CONDENSING UNIT ON ROOF TO REMAIN. BALANCE SUPPLY AIR TO 1950 CFM.
- PROVIDE 48"x12" OPENING IN TOP OF RETURN AIR DUCT COVER OPENING WITH 1/2"x1/2" GALVANIZED HARDWARE CLOTH. MAINTAIN MINIMUM 5' UNOBSTRUCTED FREE AREA ABOVE OPENING FOR AIRFLOW.
- PROVIDE 16"x20" OPENING IN TOP OF RETURN EXHAUST DUCT FOR ERV-1. MAINTAIN MINIMUM 5' UNOBSTRUCTED FREE AREA ABOVE OPENING FOR AIRFLOW.
- PROVIDE 7-DAY PROGRAMMABLE THERMOSTAT WITH AUTO-CHANGEOVER BETWEEN HEATING AND COOLING. MOUNT THERMOSTAT AT 48" AFF. VERIFY FINAL THERMOSTAT LOCATION WITH OWNER.
- MOUNT EXHAUST GRILLE ON BOTTOM OF DUCT.
- PROVIDE VAULT COOLER CONDENSER WITH WALL BRACKETS. MAINTAIN ALL MANUFACTURER REQUIRED CLEARANCES FOR OPERATION, SERVICE, AND AIRFLOW.
- PROVIDE LOUVERED GRILLE IN DOOR WITH MINIMUM FREE AREA OF 0.35 FT².



PERMIT DOCUMENTS

ITAP - LEE'S SUMMIT
 228 SW MAIN ST.
 LEE'S SUMMIT, MO 64063

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△ CITY COMMENTS	03/22/23
△ LL COMMENTS	04/13/23
△ OWNER REVISIONS	05/31/23

PROFESSIONAL SEAL
M201
 ISSUE DATE: 27 FEB 2023
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MECHANICAL PLAN