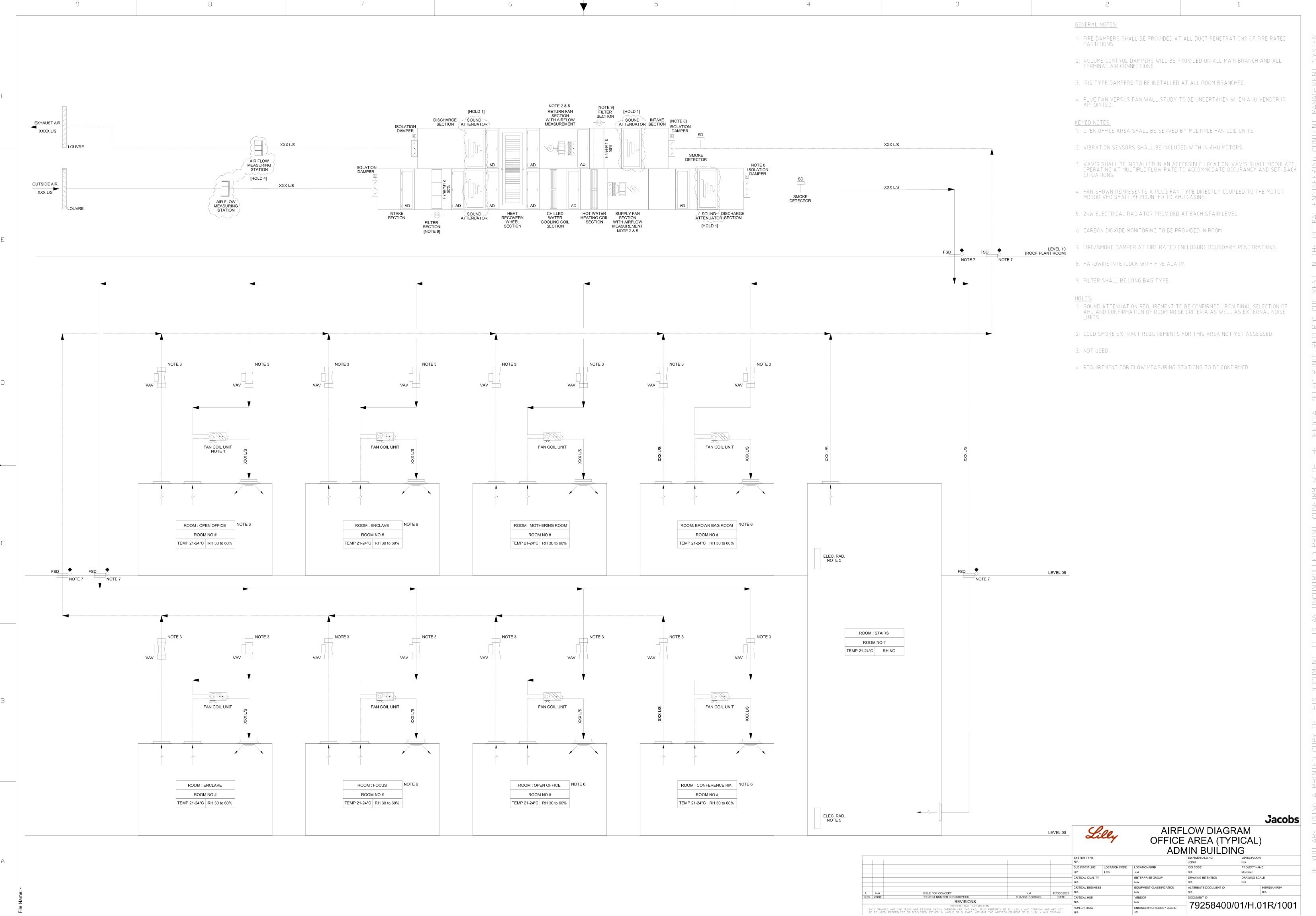




- GENERAL NOTES:**
- 1 FIRE DAMPERS SHALL BE PROVIDED AT ALL DUCT PENETRATIONS OF FIRE RATED PARTITIONS.
 - 2 VOLUME CONTROL DAMPERS WILL BE PROVIDED ON ALL MAIN BRANCH AND ALL TERMINAL AIR CONNECTIONS.
 - 3 IRIS TYPE DAMPERS TO BE INSTALLED AT ALL ROOM BRANCHES.
 - 4 PLUG FAN VERSUS FAN WALL STUDY TO BE UNDERTAKEN WHEN AHU VENDOR IS APPOINTED.
- KEYED NOTES:**
- 1 OPEN OFFICE AREA SHALL BE SERVED BY MULTIPLE FAN COIL UNITS.
 - 2 VIBRATION SENSORS SHALL BE INCLUDED WITH IN AHU MOTORS.
 - 3 VAV'S SHALL BE INSTALLED IN AN ACCESSIBLE LOCATION. VAV'S SHALL MODULATE OPERATING AT MULTIPLE FLOW RATE TO ACCOMMODATE OCCUPANCY AND SET-BACK SITUATIONS.
 - 4 FAN SHOWN REPRESENTS A PLUG FAN TYPE DIRECTLY COUPLED TO THE MOTOR. MOTOR VFD SHALL BE MOUNTED TO AHU CASING.
 - 5 2kW ELECTRICAL RADIATOR PROVIDED AT EACH STAIR LEVEL.
 - 6 CARBON DIOXIDE MONITORING TO BE PROVIDED IN ROOM.
 - 7 FIRE/SMOKE DAMPER AT FIRE RATED ENCLOSURE BOUNDARY PENETRATIONS.
 - 8 HARDWARE INTERLOCK WITH FIRE ALARM.
 - 9 FILTER SHALL BE LONG BAG TYPE.
- HOLDS:**
- 1 SOUND ATTENUATION REQUIREMENT TO BE CONFIRMED UPON FINAL SELECTION OF AHU AND CONFIRMATION OF ROOM NOISE CRITERIA AS WELL AS EXTERNAL NOISE LIMITS.
 - 2 COLD SMOKE EXTRACT REQUIREMENTS FOR THIS AREA NOT YET ASSESSED.
 - 3 NOT USED.
 - 4 REQUIREMENT FOR FLOW MEASURING STATIONS TO BE CONFIRMED.

**AIRFLOW DIAGRAM
OFFICE AREA (TYPICAL)
ADMIN BUILDING**

SYSTEM TYPE	NA	EDIFICE/BUILDING	LED01	LEVEL/FLOOR	N/A
SUB DISCIPLINE	HV	LOCATION CODE	LED	PROJECT NAME	Mordogan
CRITICAL QUALITY	N/A	LOCATION/GRID	N/A	DRAWING INTENTION	N/A
CRITICAL BUSINESS	N/A	ENTERPRISE GROUP	N/A	DRAWING SCALE	N/A
CRITICAL HSE	N/A	EQUIPMENT CLASSIFICATION	N/A	ALTERNATE DOCUMENT ID	N/A
NON-CRITICAL	N/A	VENDOR	N/A	DOCUMENT ID	79258400/01/H.01R/1001
		ENGINEERING AGENCY DOC ID	JPI	MERIDIAN REV	N/A