

AIR BALANCE SCHEDULE

UNIT	AREA SERVED	HVAC SUPPLY		HVAC RETURN		HVAC OUTDOOR		OA %		HOOD MAKE-UP		HOOD EXHAUST		GENERAL EXH.	
		DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
RTU-1	SALES/ENTRY/OFFICE	5250	4468	4465	3756	785	712	15.0%	15.9%						
RTU-2	SALES/PHARM	4200	4062	4200	4062	0	0	0.0%	0.0%						
RTU-3	SALES/STOCKROOM	4200	3421	3570	2759	630	662	15.0%	19.4%						
RTU-4	REAR SALES	1680	1318	1428	1111	252	207	15.0%	15.7%						
EF-1	RESTROOMS													400	327
TOTALS		15330	13269	13663	11688	1667	1581			0	0	0	0	400	327

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	1667	1581
TOTAL EXHAUST	400	327
NET AIRFLOW	1267	1254

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H ₂ O)
FRONT	0.003
SIDE	
REAR	0.003
AVERAGE	0.003

FINAL CHECKS

- ACTUAL NET AIRFLOW COINCIDES WITH DESIGN: ✓

- MEASURED PRESSURES COINCIDES WITH ACTUAL NET AIRFLOW: ✓

- DESIGN PRESSURIZATION IS >10% ((OA - EXH) / EXH > 10%) ✓

- ACTUAL PRESSURIZATION IS >10% ((OA - EXH) / EXH > 10%) ✓

NOTES:

RTU-2 & RTU-3: Control panel walls damaged, unable to be fully shut due to bending of sheet metal. Both units not flushed properly to the curb, causing major air leakage beneath discharge panel. RTU-4 trips transformer around ~92% IDF speed, cannot speed up further.