

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	KITCHEN	3400	3519	2900	3023	500	496	14.7%	14.1%						
RTU-2	DINING	4000	4006	3500	3017	500	989	12.5%	24.7%						
MUA-1	HOOD MUA									1300	1361				
EF-1	HOOD FAN											2550	2647		
EF-2	RESTROOMS													150	147
TOTALS		7400	7525	6400	6040	1000	1485			1300	1361	2550	2647	150	147

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	2300	2846
TOTAL EXHAUST	2700	2794
NET AIRFLOW	-400	52

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H ₂ O)
FRONT	
SIDE	
REAR	
AVERAGE	[1]

FINAL CHECKS

- ACTUAL NET AIRFLOW COINCIDES WITH DESIGN: ✗

- MEASURED PRESSURES COINCIDES WITH ACTUAL NET AIRFLOW: ✓

- PRESSURE FALLS WITHIN IMC TOLERANCE OF +/-0.02" W.C. ✗

NOTES:

- [1] Building pressure not measured due to the store front not being completed.
- [2] Building designed negative. OA increased on RTU-2 to ensure positive pressure