

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	4000	3853	3500	3317	500	536	12.5%	13.9%						
RTU-2	DINING	4000	4122	3000	3091	1000	1031	25.0%	25.0%						
MUA-1	HOOD MUA									1300	1293				
EF-1	HOOD FAN											2550	2362		
EF-2	RESTROOMS													150	152
TOTALS		8000	7975	6500	6408	1500	1567			1300	1293	2550	2362	150	152

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	2800	2860
TOTAL EXHAUST	2700	2514
NET AIRFLOW	100	346

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H2O)
FRONT	-0.0283
SIDE	-0.0239
REAR	-0.0212
AVERAGE	-0.0245

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:

Building pressure likely negative due to the MUA ducting not being completed.