

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	FOOD SERVICE	4500	4554	3800	3826	700	728	15.6%	16.0%						
RTU-2	RETAIL	3400	3429	3020	3038	380	391	11.2%	11.4%						
RTU-3	FOH	2400	2432	2200	2218	200	214	8.3%	8.8%						
EF-1	RESTROOMS													375	357
EF-2	BOH													400	373
EF-3	TRASH													200	205
TOTALS		10300	10415	9020	9082	1280	1333			0	0	0	0	975	935

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	1280	1333
TOTAL EXHAUST	975	935
NET AIRFLOW	305	398

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H2O)
FRONT	0.0106
SIDE	0.02
REAR	Windy
AVERAGE	0.0153

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:

The rear building pressure was being greatly affected by wind. Based upon the other pressures and the overall airflow, it can be confirmed that the building pressure does align.