

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	DINING	3000	2936	1950	1887	1050	1049	35.0%	35.7%						
RTU-2	KITCHEN	3800	3833	1500	1543	2300	2290	60.5%	59.7%						
FC-1	OFFICE					50	46	#DIV/0!	#DIV/0!						
EF-1	GRILL 1											700	715		
EF-2	GRILL 2											700	707		
EF-3	FRYER 1											700	736		
EF-4	FRYER 2											700	715		
EF-1	RESTROOMS													300	293
TOTALS		6800	6769	3450	3430	3400	3385			0	0	2800	2873	300	293

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	3400	3385
TOTAL EXHAUST	3100	3166
NET AIRFLOW	300	219

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H20)
FRONT	0.0036
SIDE	0.0049
REAR	-0.0028
AVERAGE	0.0019

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. ✓

KITCHEN PRESSURIZATION (MUST BE NEGATIVE)

TOTALS	DESIGN	ACTUAL
TOTAL KITCHEN OA	2350	2336
TOTAL KITCHEN EXHAUST	2800	2873
NET AIRFLOW	-450	-537

[1] WIND IMPACTING REAR DOOR BUILDING PRESSURE MEASUREMENT.