

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
EF-2	UTILITY													200	214
TOTALS		6800	6769	3450	3430	3400	3385			0	0	2800	2873	500	507

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	3400	3385
TOTAL EXHAUST	3300	3380
NET AIRFLOW	100	5

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H2O)
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.