

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	3700	3687	2650	2592	1050	1095	28.4%	29.7%						
RTU-2	KITCHEN	5000	4824	4000	3790	1000	1034	20.0%	21.4%						
FCU-1	OFFICE					40	38	#DIV/0!	#DIV/0!						
KET-1	KITCHEN HOOD											750	749		
KET-2	KITCHEN HOOD											642	632		
EF-1	RESTROOM													300	301
TOTALS		8700	8511	6650	6382	2090	2167			0	0	1392	1381	300	301

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	2090	2167
TOTAL EXHAUST	1692	1682
NET AIRFLOW	398	485

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H2O)
FRONT	-0.0004
SIDE	0.0014
REAR	0.0024
AVERAGE	0.0011

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	1000	1034
TOTAL KITCHEN EXHAUST	1392	1381
NET AIRFLOW	-392	-347

