

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	4000	4246	3000	3280	1000	966	25.0%	22.8%						
RTU-2	KITCHEN	5000	5230	3700	3868	1300	1362	26.0%	26.0%						
FCU-1	OFFICE			-40	-42	40	42	#DIV/0!	#DIV/0!						
PCU-1	KITCHEN HDS											2048	2042		
EF-1	RESTROOM													150	156
TOTALS		9000	9476	6660	7106	2340	2370			0	0	2048	2042	150	156

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	2340	2370
TOTAL EXHAUST	2198	2198
NET AIRFLOW	142	172

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H2O)
FRONT	0.0025
SIDE	0.0035
REAR	0.0002
AVERAGE	0.0021

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	1340	1404
TOTAL KITCHEN EXHAUST	2048	2042
NET AIRFLOW	-708	-638