

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	4500	4452	3540	3510	960	942	21.3%	21.2%						
RTU-2	KITCHEN	4395	4374	1995	1946	2400	2428	54.6%	55.5%						
FCU-1	OFFICE					40	38	#DIV/0!	#DIV/0!						
KEF-1	HOOD1											1820	1820		
KEF-2	HOOD2											783	783		
EF-1	RESTROOMS													300	287
TOTALS		8895	8826	5535	5456	3400	3408			0	0	2603	2603	300	287

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	3400	3408
TOTAL EXHAUST	2903	2890
NET AIRFLOW	497	518

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H2O)
FRONT	0.004
SIDE	-
REAR	0.005
AVERAGE	0.0045

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	2400	2428
TOTAL KITCHEN EXHAUST	2603	2603
NET AIRFLOW	-203	-175