

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	3300	3428	2300	2454	1000	974	30.3%	28.4%						
RTU-2	KITCHEN	4600	4508	2400	2219	2200	2289	47.8%	50.8%						
FCU-1	MANAGERS OFFICE					40	39	-	-						
KEF-1	HOOD 1											1250	1260		
KEF-2	HOOD 2											1238	1248		
EF-1	RESTROOMS													300	297
TOTALS		7900	7936	4700	4673	3240	3302			0	0	2488	2508	300	297

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	3240	3302
TOTAL EXHAUST	2788	2805
NET AIRFLOW	452	497

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H2O)
FRONT	0.0098
SIDE	-
REAR	0.0083
AVERAGE	0.0091

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	2240	2328
TOTAL KITCHEN EXHAUST	2488	2508
NET AIRFLOW	-248	-180

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