

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	2500	2547	1500	1520	1000	1027	40.0%	40.3%						
RTU-2	KITCHEN	4600	4599	3300	3286	1300	1313	28.3%	28.5%						
FCU-1	OFFICE					40	42								
KEF-1	KITCHEN HD 1											1188	1186		
KEF-2	KITCHEN HD 2											860	861		
EF-1	RESTROOM													150	125
TOTALS		7100	7146	4800	4806	2340	2382			0	0	2048	2047	150	125

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	2340	2382
TOTAL EXHAUST	2198	2172
NET AIRFLOW	142	210

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H2O)
FRONT	0.0166
SIDE	0.0177
REAR	0.0134
AVERAGE	0.0159

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	1300	1313
TOTAL KITCHEN EXHAUST	2048	2047
NET AIRFLOW	-748	-734