

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	2600	2652	1200	1210	1400	1442	53.8%	54.4%						
RTU-2	KITCHEN	5600	5540	4000	3958	1600	1582	28.6%	28.6%						
FCU-1	OFFICE					40	43								
KEF-1	HOOD-1											860	905		
KEF-2	HOOD-2											738	755		
KEF-3	HOOD-3											738	780		
EF-1	RESTROOMS													150	154
TOTALS		8200	8192	5200	5168	3040	3067			0	0	2336	2440	150	154

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	3040	3067
TOTAL EXHAUST	2486	2594
NET AIRFLOW	554	473

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H2O)
FRONT	0.009
SIDE	0.012
REAR	0.011
AVERAGE	0.0107

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	1640	1625
TOTAL KITCHEN EXHAUST	2336	2440
NET AIRFLOW	-696	-815

