

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	3000	2919	2000	1894	1000	1025	33.3%	35.1%						
RTU-2	KITCHEN	3500	3533	2000	2069	1500	1464	42.9%	41.4%						
FCU-1	OFFICE					40	42	#DIV/0!	#DIV/0!						
KEF-1	KITCHEN HD											1188	1216		
KEF-2	KITCHEN HD											860	867		
EF-1	RESTROOMS													150	156
TOTALS		6500	6452	4000	3963	2540	2531			0	0	2048	2083	150	156

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	2540	2531
TOTAL EXHAUST	2198	2239
NET AIRFLOW	342	292

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H2O)
FRONT	0.0102
SIDE	0.0046
REAR	0.0042
AVERAGE	0.0063

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	1500	1464
TOTAL KITCHEN EXHAUST	2048	2083
NET AIRFLOW	-548	-619