

### 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	2400	2491	1400	1445	1000	1046	41.7%	42.0%						
RTU-2	KITCHEN	5600	4582	3100	2106	2500	2476	44.6%	54.0%						
FCU-1	MANAGERS OFFICE					40	0	#DIV/0!	#DIV/0!						
KEF-1	HOOD 1											700	740		
KEF-2	HOOD 2											700	711		
KEF-3	HOOD 3											700	699		
KEF-4	HOOD 4											700	720		
EF-1	RESTROOMS													300	290
<b>TOTALS</b>		8000	7073	4500	3551	3540	3522			0	0	2800	2870	300	290

#### NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	3540	3522
TOTAL EXHAUST	3100	3160
<b>NET AIRFLOW</b>	440	362

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H2O)
FRONT	0.005
SIDE	0.003
REAR	0.005
<b>AVERAGE</b>	<b>0.0043</b>

#### FINAL CHECKS

- ACTUAL NET AIRFLOW COINCIDES WITH DESIGN: ✓

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- MEASURED PRESSURES COINCIDES WITH ACTUAL NET AIRFLOW: ✓

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- PRESSURE FALLS WITHIN IMC TOLERANCE OF +/-0.02" W.C. ✓

#### KITCHEN PRESSURIZATION (MUST BE NEGATIVE)

TOTALS	DESIGN	ACTUAL
TOTAL KITCHEN OA	2540	2476
TOTAL KITCHEN EXHAUST	2800	2870
<b>NET AIRFLOW</b>	-260	-394