

### 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	3200	3195	1940	1923	1260	1272	39.4%	39.8%						
RTU-2	KITCHEN	4050	3992	3740	3661	310	331	7.7%	8.3%						
FCU-1	OFFICE					40	41								
MUA-1	COOKLINE									1800	1717				
KEF-1	HOOD 1											1714	1692		
KEF-2	HOOD 2											733	717		
EF-1	RESTROOMS													450	447
<b>TOTALS</b>		7250	7187	5680	5584	1610	1644			1800	1717	2447	2409	450	447

#### NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	3410	3361
TOTAL EXHAUST	2897	2856
<b>NET AIRFLOW</b>	<b>513</b>	<b>505</b>

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H <sub>2</sub> O)
FRONT	0.0021
SIDE	0.0027
REAR	0.001
<b>AVERAGE</b>	<b>0.0019</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	2110	2089
TOTAL KITCHEN EXHAUST	2447	2409
<b>NET AIRFLOW</b>	<b>-337</b>	<b>-320</b>

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