

### 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	KITCHEN	3500	3466	3000	2930	500	536	14.3%	15.5%						
RTU-2	DINING	3500	3561	2500	2529	1000	1032	28.6%	29.0%						
MUA-1	HOOD MUA									1300	1302				
EF-1	HOOD FAN											2550	1720		
EF-2	RESTROOM													150	149
<b>TOTALS</b>		7000	7027	5500	5459	1500	1568			1300	1302	2550	1720	150	149

#### NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	2800	2870
TOTAL EXHAUST	2700	1869
<b>NET AIRFLOW</b>	<b>100</b>	<b>1001</b>

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H <sub>2</sub> O)
FRONT	0.0342
SIDE	
REAR	0.0305
<b>AVERAGE</b>	<b>0.0324</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. ✗

#### NOTES:

Building Pressure falls above tolerance of +0.02" due to lack of exhaust flow on Hood-1. Calculations suggest once hood is remedied the building pressure should fall slightly positive and within tolerance.