

### 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	5000	5089	4200	4214	800	875	16.0%	17.2%						
RTU-2	KITCHEN	3800	3731	3380	3282	420	449	11.1%	12.0%						
MUA-1	COOKLINE									1976	2056				
EF-1	HOOD 1											2381	2402		
EF-2	RESTROOMS													500	648
<b>TOTALS</b>		8800	8820	7580	7496	1220	1324			1976	2056	2381	2402	500	648

#### NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	3196	3380
TOTAL EXHAUST	2881	3050
<b>NET AIRFLOW</b>	<b>315</b>	<b>330</b>

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H <sub>2</sub> O)
FRONT	-0.22
SIDE	-0.2
REAR	-0.19
<b>AVERAGE</b>	<b>-0.2033</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:

Base line building pressure with no fans running is -0.18". Tech is unable to overcome baseline building negative pressure.