

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	2000	1927	1700	1619	300	308	15.0%	16.0%						
RTU-2	SERVING	3500	3395	2800	2651	700	744	20.0%	21.9%						
RTU-3	DINING	4000	4239	3200	3374	800	865	20.0%	20.4%						
EF-1	MOP SINK													75	46
PRV-1	RESTROOMS													300	0
PRV-4	RESTROOMS													100	82
MAU	COOKLINE									1800	1799				
PRV2	GRIDDLE HD-1											1500	1506		
PRV3	FRYER HD-2											1500	1622		
TOTALS		9500	9561	7700	7644	1800	1917			1800	1799	3000	3128	475	128

NET BUILDING AIRFLOW CALCULATION

TOTALS		ACTUAL
TOTAL OA	3600	3716
TOTAL EXHAUST	3475	3256
NET AIRFLOW	125	460

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H20)
FRONT	0.008"
SIDE	0.008"
REAR	0.006"
AVERAGE	0.0073

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. ✓

NOTES:

[1] Once PRV-1 is operational, building net airflow should still be near +160cfm.