

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	3265	2200	2181	1000	1084	31.3%	33.2%						
RTU-2	KITCHEN	4900	4242	2400	1687	2500	2555	51.0%	60.2%						
FCU-1	OFFICE					40	37	#DIV/0!	#DIV/0!						
KEF-1	HD1 GRILL											700	691		
KEF-2	HD2 GRILL											700	707		
KEF-3	HD3 FRYER											700	716		
KEF-4	HD4 FRYERS											700	728		
EF-1	RESTROOMS													300	525
TOTALS		8100	7507	4600	3868	3540	3676			0	0	2800	2842	300	525

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	3540	3676
TOTAL EXHAUST	3100	3367
NET AIRFLOW	440	309

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H2O)
FRONT	0.005
SIDE	0.003
REAR	0.004
AVERAGE	0.004

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. ✓

KITCHEN PRESSURIZATION (MUST BE NEGATIVE)

TOTALS	DESIGN	ACTUAL
TOTAL KITCHEN OA	2500	2555
TOTAL KITCHEN EXHAUST	2800	2842
NET AIRFLOW	-300	-287