

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	3500	3461	2200	2128	1300	1333	37.1%	38.5%						
RTU-2	KITCHEN	6500	5640	5000	4161	1500	1479	23.1%	26.2%						
FC-1	MANAGERS OFFICE					0	0	#DIV/0!	#DIV/0!						
KEF-1	GRILL FAN											1188	1237		
KEF-2	FRYERFAN											860	867		
EF-3	RESTROOMS													300	304
TOTALS		10000	9101	7200	6289	2800	2812			0	0	2048	2104	300	304

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	2800	2812
TOTAL EXHAUST	2348	2408
NET AIRFLOW	452	404

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H2O)
FRONT	0.0051
SIDE	
REAR	0.0023
AVERAGE	0.0037

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	1500	1479
TOTAL KITCHEN EXHAUST	2048	2104
NET AIRFLOW	-548	-625