

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
FC-1	DINING	4000	3856	3290	3135	710	721	17.8%	18.7%						
FC-2	KITCHEN	3000	3096	2950	3045	50	51	1.7%	1.6%						
FC-3	KITCHEN	3000	3112	2925	3033	75	79	2.5%	2.5%						
FC-4 / AHU-1	KITCHEN	1800	1877	0	0	1800	1877	100.0%	100.0%						
FC-5	OFFICE	395	409	380	393	15	16	3.8%	3.9%						
PCU-1	KITCHEN HD											2050	2029		
EF-2	RESTROOM													300	294
TOTALS		12195	12350	9545	9606	2650	2744			0	0	2050	2029	300	294

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	2650	2744
TOTAL EXHAUST	2350	2323
NET AIRFLOW	300	421

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H2O)
FRONT	0.0008
SIDE	
REAR	
AVERAGE	0.0008

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	1940	2023
TOTAL KITCHEN EXHAUST	2350	2323
NET AIRFLOW	-410	-300

--