

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	3000	3041	1900	1904	1100	1137	36.7%	37.4%						
RTU-2	KITCHEN	5000	4997	3600	3521	1400	1476	28.0%	29.5%						
EF-1	KITCHEN HD											1188	1164		
EF-2	KITCHEN HD											875	886		
EF-3	RESTROOM													200	193
TOTALS		8000	8038	5500	5425	2500	2613			0	0	2063	2050	200	193

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	2500	2613
TOTAL EXHAUST	2263	2243
NET AIRFLOW	237	370

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H ₂ O)
FRONT	0.0042
SIDE	0.0032
REAR	0.0022
AVERAGE	0.0032

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	1400	1476
TOTAL KITCHEN EXHAUST	2063	2050
NET AIRFLOW	-663	-574