

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	3800	4086	3300	3539	500	547	13.2%	13.4%						
RTU-2	DINING	4750	4795	3750	3685	1000	1110	21.1%	23.1%						
MUA-1	KITCHEN HOOD									1950	1804				
EF-1	KITCHEN HOOD											3200	2899		
EX. EF	RESTROOM													300	352
TOTALS		8550	8881	7050	7224	1500	1657			1950	1804	3200	2899	300	352

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	3450	3461
TOTAL EXHAUST	3500	3251
NET AIRFLOW	-50	210

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H2O)
FRONT	0.008
SIDE	0.0137
REAR	0.0128
AVERAGE	0.0115

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:

DESIGN ON MSET SHOWS POSITIVE NET AIRFLOW. WRONG CFM FOR EF-2 USED ON SCHEDULE. MADE BUILDING PRESSURE POSITIVE AS INTENDED.