

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	3000	2937	2500	2937	500	0	16.7%	0.0%						
RTU-2	DINING	3400	3352	2400	2341	1000	1011	29.4%	30.2%						
MUA-1	KITCHEN HOOD									1950	2020				
EF-1	KITCHEN HOOD											3200	3334		
EF-2	RESTROOM													150	157
TOTALS		6400	6289	4900	5278	1500	1011			1950	2020	3200	3334	150	157

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	3450	3031
TOTAL EXHAUST	3350	3491
NET AIRFLOW	100	-460

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H2O)
FRONT	-0.0322
SIDE	-0.0342
REAR	-0.0464
AVERAGE	-0.0376

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:

BUILDING PRESSURE TEST IS LIKELY INACCURATE DUE TO COVERINGS PUT UP BY PAINTERS AND IS EXACERBATED BY ISSUE WITH RTU-01 OA DAMPER. COVERINGS ALSO PREVENTED SMOKE TEST ON KITCHEN HOOD.