

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	3500	3459	3000	2977	500	482	14.3%	13.9%						
RTU-2	DINING	4000	3971	3000	2992	1000	979	25.0%	24.7%						
MUA-1	KITCHEN HOOD									1950	1935				
EF-1	KITCHEN HOOD											3200	3110		
EF-2	RESTROOM													150	164
TOTALS		7500	7430	6000	5969	1500	1461			1950	1935	3200	3110	150	164

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	3450	3396
TOTAL EXHAUST	3350	3274
NET AIRFLOW	100	122

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H2O)
FRONT	0.0342
SIDE	-0.0024
REAR	0.0002
AVERAGE	0.0107

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:

SYSTEM COMPONENTS TO ASSETS SCHEDULED ABOVE

UNIT	MANUFACTURER	FILTER TYPE/#/SIZE	MAU TYPE	SIZE	HOOD MAKE-UP	HOOD EXHAUST	NET CFM
HD	CAPTIVE-AIRE	SOLO 10 16X16	ACPSP	183X12	1950	3200	-1250