

AIR BALANCE SCHEDULE

UNIT	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	2000	1957	1700	1619	300	338	15.0%	17.3%						
RTU-2	2000	2047	1700	1802	300	245	15.0%	12.0%						
RTU-3	2000	1882	1700	1626	300	256	15.0%	13.6%						
RTU-4	2000	1811	1700	1366	300	445	15.0%	24.6%						
MUA-1									2400	1125				
KEF-1											3200	2036		
EF-3											75	65		
EF-4											75	71		
TOTALS	8000	7697	6800	6413	1200	1284			2400	1125	3350	2172	0	0

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	3600	2409
TOTAL EXHAUST	3350	2172
NET AIRFLOW	250	237

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H2O)
FRONT	0.0012
SIDE	0.0017
REAR	0.0011
AVERAGE	0.0013

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:

MAU ORIGINALLY WAS 2000 CFM BUT WAS REDUCED IN ORDER TO OPEN UP OA FOR THE RTUs. BUILDING IS ATTACHED TO TWO NAIL SALONS , ONE BARBER, AND ONE RESTURANT.