NATIONAL TAB

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	3400	3452	2650	2486	750	966	22.1%	28.0%						
RTU-2	DINING	3000	3105	2250	2423	750	682	25.0%	22.0%						
MUA-1	KITCHEN HOOD									1950	1964				
EF-1	KITCHEN HOOD											3200	3240		
EF-2	RESTROOM													150	56
TOTALS		6400	6557	4900	4909	1500	1648			1950	1964	3200	3240	150	56

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	3450	3612
TOTAL EXHAUST	3350	3296
NET AIRFLOW	100	316

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H20)
FRONT	0.004
SIDE	
REAR	0.006
AVERAGE	**0.005**

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:

Due to RTU-2 only being 7.5T, insead of 10T, the design OA were adjusted to 750 each. Otheriwse RTU-2 would be mixing approximately 33% outside air. This adjustment reduces it to 25%.