

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	4500	4124	4000	3609	500	515	11.1%	12.5%						
RTU-2	KITCHEN	4800	4855	4100	4132	700	723	14.6%	14.9%						
RTU-3	KITCHEN	2160	2271	1910	2011	250	260	11.6%	11.4%						
RTU-4	DINING	2720	2845	2040	2137	680	708	25.0%	24.9%						
RTU-5	DINING	1600	1591	1140	1113	460	478	28.8%	30.0%						
RTU-6	DINING	2700	2902	1900	2083	800	819	29.6%	28.2%						
RTU-7	BUFFET	2400	2212	1920	1762	480	450	20.0%	20.3%						
RTU-8	DINING	4500	4125	3500	3134	1000	991	22.2%	24.0%						
SF-1	HOOD #1									1148	1096				
SF-2	HOOD #3, #4, #5									4585	4436				
SF-3	HOOD #6									3960	3994				
SF-4	HOOD #7									3240	2920				
EF-1	DISHWASHER											1350	1228		
EF-2	BAKERY											400	430		
EF-3	MAIN LINE - RIGHT											1867	1825		
EF-4	MAIN LINE - LEFT											2500	2268		
EF-5	PIZZA											1488	1467		
EF-6	GRILL HOUSE											4950	4979		
EF-7	FAMILY HOOD											3600	3265		
EF-8	RESTROOMS													600	564
EF-9	UNISEX													75	70
TOTALS		25380	24925	20510	19981	4870	4944			12933	12446	16155	15462	675	634

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	17803	17390
TOTAL EXHAUST	16830	16096
NET AIRFLOW	973	1294

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H2O)
FRONT	0.011
SIDE	
REAR	
AVERAGE	0.011

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: