

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	3571	2800	2852	700	719	20.0%	20.1%						
RTU-2	KITCHEN	3500	3505	2800	2794	700	711	20.0%	20.3%						
RTU-3	DINING	3500	3601	2800	2904	700	697	20.0%	19.4%						
RTU-4	DINING	3500	3479	2800	2790	700	689	20.0%	19.8%						
RTU-5	DINING	3500	3489	2800	2758	700	731	20.0%	21.0%						
RTU-6	TAKE OUT/FOY	2000	2031	1600	1628	400	403	20.0%	19.8%						
MUA-1	HD 1 & 2									3800	2184				
MUA-2	HD 4, 5 & 6									7400	2187				
MUA-3	HD 7 & 8									4200	2187				
EF-1	HD 1 & 2											3800	1319		
EF-2	HD 4											2200	2289		
EF-3	HD 5 & 6											4800	3438		
EF-4	HD 7											2400	1166		
EF-5	HD 8											1600	1883		
EF-6	HD 3											1400	1337		
EF-7	M&W RR													600	571
EF-8	EMPLOYEE RR													100	93
EF-9	OFFICE													400	411
TOTALS		19500	19676	15600	15726	3900	3950			15400	6558	16200	11432	1100	1075

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	19300	10508
TOTAL EXHAUST	17300	12507
NET AIRFLOW	2000	-1999

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H2O)
FRONT	-0.021
SIDE	
REAR	
AVERAGE	-0.021

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: