

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	SALES	10000	10610	5000	5990	5000	4620	50.0%	43.5%						
RTU-2	SALES	10000	10215	10000	10215	0	0	0.0%	0.0%						
RTU-3	SALES	10000	10497	10000	10497	0	0	0.0%	0.0%						
RTU-4	VESTIBULE	2000	2048	1800	1831	200	217	10.0%	10.6%						
RTU-5	PRODUCE	6000	6430	6000	6430	0	0	0.0%	0.0%						
RTU-6	DELI	3000	3233	2700	2917	300	316	10.0%	9.8%						
RTU-7	BAKERY	4000	4186	3600	3792	400	394	10.0%	9.4%						
RTU-8	LIQUOR	3000	2834	2700	2560	300	274	10.0%	9.7%						
RTU-9	BREAK ROOM	1600	1674	1440	1500	160	174	10.0%	10.4%						
RTU-10	PHARMACY	1200	1297	1080	1171	120	126	10.0%	9.7%						
RTU-11	BANK	1200	1226	1080	1096	120	130	10.0%	10.6%						
EF-1	KH-1											2888	2916		
EF-2	KH-2											4211	0		
EF-3	KH-3											936	869		
EF-4	KH-4											450	0		
EF-10	RESTROOM													525	0
TOTALS		52000	54250	45400	47999	6600	6251			0	0	8485	3785	525	0

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	6600	6251
TOTAL EXHAUST	9010	3785
NET AIRFLOW	-2410	2466

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H2O)
FRONT	0.0194
SIDE	
REAR	0.0188
AVERAGE	0.0191

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: