

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-A-1	SALES - A	8000	7093	7350	6405	650	688	8.1%	9.7%						
RTU-A-2	BAKERY	1200	1191	946	921	254	270	21.2%	22.7%						
RTU-A-3	SALES "A"	8000	8023	7350	7416	650	607	8.1%	7.6%						
RTU-A-4	SEAFOOD	1200	1170	1000	956	200	214	16.7%	18.3%						
RTU-A-5	DOCK	5000	4964	4490	4455	510	509	10.2%	10.3%						
RTU-A-6	CLEANING/BA	1200	1288	1080	1161	120	127	10.0%	9.9%						
RTU-A-7	CONFERENCE	2000	2016	1700	1746	300	270	15.0%	13.4%						
RTU-A-8	BREAKROOM	2000	1828	1687	1533	313	295	15.7%	16.1%						
RTU-A-9	DOCK	2400	2402	2160	2168	240	234	10.0%	9.7%						
RTU-A-10	DOCK	3000	3070	2740	2802	260	268	8.7%	8.7%						
RTU-A-11	DOCK	4000	4023	3740	3782	260	241	6.5%	6.0%						
RTU-B-1	SALES - B	8000	7883	7285	7142	715	741	8.9%	9.4%						
RTU-B-2	SALES B - DAI	8000	8156	7240	7355	760	801	9.5%	9.8%						
RTU-B-3	SALES B - PET	8000	7879	7380	7252	620	627	7.8%	8.0%						
RTU-B-4	SALES B - GR	8000	7986	7345	7352	655	634	8.2%	7.9%						
RTU-B-5	SALES B - FR	8000	8090	7330	7433	670	657	8.4%	8.1%						
RTU-B-6	SALES B - SCH	8000	7822	7390	7208	610	614	7.6%	7.8%						
RTU-B-7	BACKROOM	4000	3966	3255	3215	745	751	18.6%	18.9%						
RTU-B-8	GROCERY FR	4000	4114	3210	3354	790	760	19.8%	18.5%						
RTU-C-1	SALES C	10000	9673	9180	8820	820	853	8.2%	8.8%						
RTU-C-2	SALES C	8000	8063	7430	7502	570	561	7.1%	7.0%						
RTU-C-3	SALES C	8000	8237	7360	7556	640	681	8.0%	8.3%						
RTU-C-4	SALES C	8000	8270	7090	7349	910	921	11.4%	11.1%						
RTU-C-5	GAAMING	4000	3945	3500	3458	500	487	12.5%	12.3%						
RTU-C-6	CUSTOMER SE	4000	4085	3870	3969	130	116	3.3%	2.8%						
RTU-C-7	PHARMACY	2400	2450	1925	1950	475	500	19.8%	20.4%						
RTU-C-8	VESTIBLE	3000	2969	2795	2750	205	219	6.8%	7.4%						
RTU-D-1	OFFICES	3000	3161	2740	2893	260	268	8.7%	8.5%						
RTU-D-2	SALES D	4000	4035	3000	3074	1000	961	25.0%	23.8%						
RTU-D-3	PICK-UP	8000	7286	7425	6779	575	507	7.2%	7.0%						
RTU-D-4	SEATING	5000	4940	4260	4206	740	734	14.8%	14.9%						
RTU-D-5	DELI	4000	4261	3450	3728	550	533	13.8%	12.5%						
RTU-D-6	TENANT	3000	2956	2700	2670	300	286	10.0%	9.7%						
MUA-1	DELI									2525	2772				
EF-A1	DELI											1400	1372		
EF-B1	DELI											1400	1391		
EF-2	FRONT RESTROOMS													800	851
EF-3	BACK RESTROOMS													1100	1160
EF-4	BAKERY OVEN													900	918
EF-5	BAKERY OVEN													900	884
EF-6	DOCK ELECT.													700	765
EF-7	FAMILY RESTROOMS													300	317
EF-8	SEAFOOD													800	814
EF-9	ACCOUNTING													75	80
EF-10	GAMING													1825	1793
EF-11	EXISTING RESTROOMS													300	299
EF-12	WEST ELECTRICAL LARGE													700	697
EF-13	WEST ELECTRICAL													300	310
TOTALS		168400	167295	151403	150360	16997	16935			2525	2772	2800	2763	8700	8888

NET BUILDING AIRFLOW CALCULATION		
TOTALS	DESIGN	ACTUAL
TOTAL OA	19522	19707
TOTAL EXHAUST	11500	11651
NET AIRFLOW	8022	8056

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H2O)
FRONT	
SIDE	
REAR	
AVERAGE	#DIV/0!

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:

Open Business to many people walking in and out constantly to take building pressure.