

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
HP-1	BAR	5000	4869	4070	4869	930	0	18.6%	0.0%						
HP-2	DINING	2000	2183	1746	1927	254	256	12.7%	11.7%						
HP-3	DINING	3000	2864	2746	2567	254	297	8.5%	10.4%						
HP-4	DINING/KITCHEN	5000	4950	4382	4324	618	626	12.4%	12.6%						
HP-5	DINING/KITCHEN	3000	3191	2636	2817	364	374	12.1%	11.7%						
HP-6	KITCHEN	2000	2028	1744	2028	256	0	12.8%	0.0%						
HP-7	DINING	1600	1707	1388	1707	212	0	13.3%	0.0%						
HP-8	DINING	2400	2247	2118	2247	282	0	11.8%	0.0%						
HP-9	DINING	3000	3111	2746	3111	254	0	8.5%	0.0%						
ERTU-1	OFFICES + BOH	1400	1213	1125	915	275	298	19.6%	24.6%						
ERTU-3	PRIVATE DINING	1220	1277	875	1277	345	0	28.3%	0.0%						
MUA-1	KITCHEN									4795	5029				
KEF-1	HOOD 1											2364	2345		
KEF-2	HOOD 2											3644	3408		
KEF-3	HOOD 3											1125	1635		
KEF-4	HOOD 4											675	723		
EF-A1	ORIGINAL RESTROOM													500	508
EF-1B	MEN/WOMEN RESTROOM													200	218
EF-2	EMPLOYEE RESTROOM													100	92
TOTALS		29620	29640	25576	27789	4044	1851			4795	5029	7808	8111	800	818

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	8839	6880
TOTAL EXHAUST	8608	8929
NET AIRFLOW	231	-2049

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H ₂ O)
FRONT	-0.138
SIDE	
REAR	
AVERAGE	-0.138

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: