

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
AHU-1	DINING	4200	4412	3150	3334	1050	1078	25.0%	24.4%						
AHU-2	KITCHEN	2950	2964	2400	2430	550	534	18.6%	18.0%						
AHU-3	BOH					25	0	#DIV/0!	#DIV/0!						
AHU-4	WAREWASH					25	0	#DIV/0!	#DIV/0!						
EF-1	KITCHEN HOOD											1550	1496		
EF-2	RESTROOMS													290	276
EF-3	GENERAL													650	682
TOTALS		7150	7376	5550	5764	1650	1612			0	0	1550	1496	940	958

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	1650	1612
TOTAL EXHAUST	2490	2454
NET AIRFLOW	-840	-842

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H2O)
FRONT	-0.01
SIDE	-0.009
REAR	-0.011
AVERAGE	-0.01

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:

[1] Building pressure with EF-3 disabled: -0.002"