

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		33100	30685	33100	30685	0	0	0.0%	0.0%						
AC-1	FRONT OFFICE	1990	2102	1800	1822	190	280	9.5%	13.3%						
AC-2	BAKERY	2400	2534	2160	2300	240	234	10.0%	9.2%						
AC-3	PHARMACY	800	743	720	743	80	0	10.0%	0.0%						
AC-4	LIQUOR	4800	4565	4320	3591	480	974	10.0%	21.3%						
RTF-1	FROZEN FOODS									5000	5249				
HEF-1	HOOD 1											2500	2505		
EF-3	BAKERY RACK OVEN													800	486
EF-4	RESTROOMS													330	396
EF-6	ELECTRICAL ROOM													500	537
EF-7	EMPLOYEE RESTROOMS													180	0
EF-9	PHARMACY RESTROOM													70	0
TOTALS		9990	9944	9000	8456	990	1488			5000	5249	2500	2505	1880	1419

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	5990	6737
TOTAL EXHAUST	4380	3924
NET AIRFLOW	1610	2813

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:

Unable to take building pressure due to doors being frequently used. Open and busy grocery store.