

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
AC-1	FRONT ENTRANCE	4000	4284	3600	3887	400	397	10.0%	9.3%						
AC-2	STOCK ROOM	4300	4366	3870	4366	430	0	10.0%	0.0%						
AC-3	PHARMACY	1000	1070	900	965	100	105	10.0%	9.8%						
AHU-4	MAIN STORE	35000	32308	35000	32308	0	0	0.0%	0.0%						
DOAS-1	MAIN STORE									6000	6086				
SF-1	DELI HOOD									1920	1953				
EF-1	DELI HOOD											2400	2590		
EF-2	RACK OVEN											800	874		
EF-3	RESTROOMS													200	194
EF-4	PHARMACY RESTROOM													90	94
EF-5	BREAK ROOM													600	654
EF-6	RESTROOM													750	696
EF-7	MESSANINE RESTROOM													500	472
EF-8	MEAT/SEAFOOD													1650	1524
EF-9	ELECTRICAL ROOM													400	0
EF-10	MECH ROOM													1600	721
EF-11	MECH ROOM													1420	631
TOTALS		44300	42028	43370	41526	930	502			7920	8039	3200	3464	7210	4986

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	8850	8541
TOTAL EXHAUST	10410	8450
NET AIRFLOW	-1560	91

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 GROCERY STORE WITH AUTOMATIC SLIDING DOORS. UNABLE TO TEST BUILDING PRESSURE.