

### 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-1	REAR SALES	3250	3160	2600	2529	650	631	20.0%	20.0%						
RTU-2	FRONT SALES	4875	4825	4150	4087	725	738	14.9%	15.3%						
RTU-3	PHARMACY	1400	1260	1400	1260	0	0	0.0%	0.0%						
EF-2	RESTROOMS													150	152
EF-3	EMPLOYEE OFFICE													255	503
EF-6	SALES													790	547
<b>TOTALS</b>		9525	9245	8150	7876	1375	1369			0	0	0	0	1195	1202

#### NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	1375	1369
TOTAL EXHAUST	1195	1202
<b>NET AIRFLOW</b>	<b>180</b>	<b>167</b>

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H2O)
FRONT	0.01
SIDE	-
REAR	-
<b>AVERAGE</b>	<b>0.01</b>

#### FINAL CHECKS

ACTUAL NET AIRFLOW COINCIDES WITH DESIGN: ✓

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MEASURED PRESSURES COINCIDES WITH ACTUAL NET AIRFLOW: ✓

Balance store to +10% pressurization based on air flow.

- i.  $\left( \frac{\text{Outdoor Air} - \text{Exhaust Air}}{\text{Exhaust Air}} > 10\% \right)$
- ii. In case of nonfunctioning EF's T&B contractor to balance store accounting for the nonfunctioning EF air flow as shown on original drawings.

#### NOTES:

EF-3 NOT FUNCTIONAL AT TIME OF BUILDING PRESSURE TESTING. MC WORKING ON REPAIR OF SPEED CONTROLLER.

### AIR BALANCE SCHEDULE

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		DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
RTU-4	LIQUOR STORE	1625	1717	1460	1717	165		10.2%	0.0%						
EF-4	LIQUOR RR													150	0
EF-5	LIQUOR STOCK RM													450	0
<b>TOTALS</b>		1625	1717	1460	1717	165	0			0	0	0	0	150	0

#### NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	165	0
TOTAL EXHAUST	150	0
<b>NET AIRFLOW</b>	<b>15</b>	<b>0</b>

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H2O)
FRONT	
SIDE	
REAR	
<b>AVERAGE</b>	

#### FINAL CHECKS

ACTUAL NET AIRFLOW COINCIDES WITH DESIGN: ✓

MEASURED PRESSURES COINCIDES WITH ACTUAL NET AIRFLOW:

Balance store to +10% pressurization based on air flow.

- i.  $\left( \frac{\text{Outdoor Air} - \text{Exhaust Air}}{\text{Exhaust Air}} > 10\% \right)$
- ii. In case of nonfunctioning EF's T&B contractor to balance store accounting for the nonfunctioning EF air flow as shown on original drawings.

#### NOTES:

RTU-4 NEEDS APPROX 165CFM OF OA IN ORDER TO HAVE +10% PRESSURIZATION OF THE LIQUOR STORE WHEN FANS BECOME OPERATIONAL