

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	SALES	14000	14063	9000	11979	5000	2084	35.7%	14.8%						
RTU-2	BRK ROOM	800	724	600	620	200	104	25.0%	14.4%						
RTU-3	BAKERY	4000	3641	3000	3263	1000	378	25.0%	10.4%						
RTU-4	DELI	3000	3219	2250	2935	750	284	25.0%	8.8%						
RTU-5	PHARM.	800	738	600	637	200	101	25.0%	13.7%						
RTU-6	SALES	8000	8700	6000	8700	2000	0	25.0%	0.0%						
RTU-7	SALES	8000	8000	6000	7104	2000	896	25.0%	11.2%						
RTU-8	LIQ. DEPT	3000	3523	2250	3113	750	410	25.0%	11.6%						
RTU-9	OLO	800	538	600	448	200	90	25.0%	16.7%						
RTU-10	ENTRY VEST.	1600	1568	1200	1396	400	172	25.0%	11.0%						
RTU-11	PRODUCE	6000	6600	4500	5913	1500	687	25.0%	10.4%						
MUA-1	HOOD									2300	1186				
EF-1	KH-1											2829	2632		
EF-2	KH-2											1923	0		
EF-3	KH-3											967	1526		
EF-4	KH-4											810	0		
EF-5	KH-5											750	854		
EF-8	TOILET EXH.													675	0
EF-10	UNI. TOILET.													75	0
TOTALS		50000	51314	36000	46108	14000	5206			2300	1186	7279	5012	750	0

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	16300	6392
TOTAL EXHAUST	8029	5012
NET AIRFLOW	8271	1380

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H2O)
FRONT	0.012
SIDE	
REAR	
AVERAGE	0.012

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 Measured at OLO door in main vestibule. [2] RTU-8 economizer not functional-unable to set [3] EF-2 / EF-4 not used, hoods have no cooking equipment installed. [3] Restroom Exhaust not functional. [4] HD-3 only operates when donuts are being fried- 2 hours per day typically. [5] MAU controls/timer not functional, needs to be switched on at hood control to run. See issue.

