



CORE

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	RETAIL	3925	3942	3125	3067	800	875	20.4%	22.2%						
RTU-2	FOOD SERVICE	4850	4804	3900	3849	950	955	19.6%	19.9%						
RTU-3	FOH	2775	2823	2175	2156	600	667	21.6%	23.6%						
EF-1	RESTROOM													400	161
EF-2	BOH													1400	869
TOTALS		11550	11569	9200	9072	2350	2497			0	0	0	0	1800	1030

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	2350	2497
TOTAL EXHAUST	1800	1030
NET AIRFLOW	550	1467

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H2O)
FRONT	0.01
SIDE	0.008
REAR	0.014
AVERAGE	0.0107

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:

EF's near max speed on speed controllers, conduit seals could be closed a little more. EF2 no backdraft damper. EF1-2 not insalled, sitting on top of ceiling could be leaking little air. Could not get proper flow hood seal on EF2-4 due to diffuser placement above TV Frame. RTU totals + OA balanced, diffusers not balanced.