

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	DINING	4000	4190	2900	3046	1100	1144	27.5%	27.3%						
RTU-2	KITCHEN	6000	5257	4950	4242	1050	1015	17.5%	19.3%						
KEF-1	HOOD #1											700	734		
KEF-2	HOOD #2											738	761		
EF-3	RESTROOMS													300	310
TOTALS		10000	9447	7850	7288	2150	2159			0	0	1438	1495	300	310

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	2150	2159
TOTAL EXHAUST	1738	1805
NET AIRFLOW	412	354

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H2O)
FRONT	0.003
SIDE	-0.001
REAR	-0.003
AVERAGE	-0.0003

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. ✓

KITCHEN PRESSURIZATION (MUST BE NEGATIVE)

TOTALS	DESIGN	ACTUAL
TOTAL KITCHEN OA	1050	1015
TOTAL KITCHEN EXHAUST	1438	1495
NET AIRFLOW	-388	-480

[1] Existing Duct Open above ceiling is open to the outside, impacting building pressure. (See Remarks)