

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	5000	4791	4250	4012	750	779	15.0%	16.3%						
DOAS-1	KITCHEN	2900	2279	-200	0	3100	2279	106.9%	100.0%						
KEF-1	GRIDDLE											1700	1730		
KEF-2	FRYER											775	782		
EF-1	RR													150	72
TOTALS		7900	7070	4050	4012	3850	3058			0	0	2475	2512	150	70

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	3850	3058
TOTAL EXHAUST	2625	2582
NET AIRFLOW	1225	476

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H2O)
FRONT	0.0187
SIDE	
REAR	0.0179
AVERAGE	0.0183

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:

DOAS Reduced to prevent over pressurization of the building.