

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
AC-1	KITCHEN	8000	7990	6000	6100	2000	1890	25.0%	23.7%						
AC-2	SIDE DINNING	2830	3054	2080	2254	750	800	26.5%	26.2%						
AC-3	MAIN DINING	4000	4113	3000	3112	1000	1001	25.0%	24.3%						
AC-4	MAIN DINING	2750	2815	2150	2234	600	581	21.8%	20.6%						
AC-5	PLAY AREA	2000	2003	1700	1683	300	320	15.0%	16.0%						
EF-1	HD1 L+R PRESS COOKER											1913	1933		
EF-2	HD2/HD3 FRYERS											1402	1448		
EF-3	RESTROOM													500	460
TOTALS		19580	19975	14930	15383	4650	4592			0	0	3315	3381	500	460

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	4650	4592
TOTAL EXHAUST	3815	3841
NET AIRFLOW	835	751

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H2O)
FRONT	0.0095
SIDE	0.0102
REAR	0.0091
AVERAGE	0.0096

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] BP Taken with a few holes still in the ceiling. Grid only 80% completed by rear door