

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	7000	6671	4625	4342	2375	2329	33.9%	34.9%						
AC-2	DINING	7000	9167	4625	6702	2375	2465	33.9%	26.9%						
AC-3	DINING & TOILETS	5000	4750	3800	3568	1200	1182	24.0%	24.9%						
SF-1	KITCHEN HD									5000	5131				
SF-2	KITCHEN HD									5000	4455				
EF-1	KITCHEN HD											3500	3666		
EF-2	KITCHEN HD											3500	3335		
EF-3	KITCHEN HD											3000	3012		
EF-4	KITCHEN HD											3600	2942		
EF-5	KITCHEN HD											1050	824		
EF-6	TOILETS													1000	851
TOTALS		19000	20588	13050	14612	5950	5976			10000	9586	14650	13779	1000	851

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	15950	15562
TOTAL EXHAUST	15650	14630
NET AIRFLOW	300	932

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H2O)
FRONT	-0.035
SIDE	-0.03
REAR	-0.03
AVERAGE	-0.0317

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:

NEIGHBORING BUILDING PRESSURE IS VERY NEGATIVE UNABLE TO GET POSITIVE BUILDING PRESSURE. AC-2 SHOWS DESIGN BEING 8750 CFM ON PLANS.