

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	DINING 1	8000	7869	6700	6449	1300	1420	16.3%	18.0%						
AC-2	BAR	8000	-	6700	-	1300	1392	16.3%	-						
AC-3	DINING 2	8000	-	6700	-	1300	1409	16.3%	-						
AC-4	KITCHEN	8000	8045	6700	6653	1300	1392	16.3%	17.3%						
MUA-1	KITCHEN HD's									10790	10609				
EF-1	KITCHEN HD 4&5											5000	5238		
EF-2	KITCHEN HD 6&7											4200	4425		
EF-3	KITCHEN HD 1&2											3800	3881		
EF-4	KITCHEN HD 3											1400	1302		
EF-5	JANITORS CLOSET													750	703
EF-6	MECH ROOM													300	-
TOTALS		32000	15914	26800	13102	5200	5613			10790	10609	14400	14846	1050	703

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	15990	16222
TOTAL EXHAUST	15450	15549
NET AIRFLOW	540	673

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H2O)
FRONT	0.0023
SIDE	-
REAR	0.0048
AVERAGE	0.0036

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:

UNABLE TO READ EF6 TO VERIFY AIRFLOW. NET AIRFLOW SHOULD READ LOWER.