

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	8000	3045	6200	2456	1800	589	22.5%	19.3%						
RTU-2	DINING	10000	4439	7600	3547	2400	892	24.0%	20.1%						
RTU-3	KITCHEN	10000	5750	7600	4957	2400	793	24.0%	13.8%						
MUA-1	HOODS-3&4									7095	6742				
MUA-2	HOODS-1&2									6240	6486				
KEF-1	HOOD-1											4730	4235		
KEF-2	HOOD-2											4730	4677		
KEF-3	HOOD-3											4800	3255		
KEF-4	HOOD-4											3000	2134		
KEF-5	HOOD-5											1100	1056		
EF-1	CUSTOMER RR													750	705
EF-2	EMPLOYEE RR													125	134
TOTALS		28000	13234	21400	10960	6600	2274			13335	13228	18360	15357	875	839

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	19935	15502
TOTAL EXHAUST	19235	16196
NET AIRFLOW	700	-694

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H2O)
FRONT	-0.032
SIDE	-0.037
REAR	-0.039
AVERAGE	-0.036

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:

INITIAL CONDITIONS