

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	3040	3183	2275	2390	765	793	25.2%	24.9%						
RTU-2	DINING	3040	3175	2275	2368	765	807	25.2%	25.4%						
RTU-3	DINING	2160	2206	1620	2206	540	0	25.0%	0.0%						
RTU-4	KITCHEN	6650	6395	5300	4811	1350	1584	20.3%	24.8%						
MUA-1	COOKLINE									4425	4362				
KEF-1	HOOD 1											1665	1810		
KEF-2	HOOD 2											1665	1797		
KEF-3	HOOD 3											1665	1797		
KEF-4	HOOD 4											600	641		
DEF-1	DISH HOD											900	891		
TEF-1	RESTROOMS													600	606
TOTALS		14890	14959	11470	11775	3420	3184			4425	4362	6495	6936	600	606

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	7845	7546
TOTAL EXHAUST	7095	7542
NET AIRFLOW	750	4

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H2O)
FRONT	0.0137
SIDE	-
REAR	0.0043
AVERAGE	0.009

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:

OA intake for RTU-1, RTU-2, and RTU-4 were increased to compensate missing OA from RTU-3