

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	LOLO PICKUP/HK	2000	2054	1600	1639	400	415	20.0%	20.2%						
RTU-2	DINING	2000	2087	1600	1695	400	392	20.0%	18.8%						
RTU-3	KITCHEN	3000	2730	2650	2352	350	378	11.7%	13.8%						
EF-1	HD1											950	894		
EF-2	RESTROOMS													225	234
TOTALS		7000	6871	5850	5686	1150	1185			0	0	950	894	225	234

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	1150	1185
TOTAL EXHAUST	1175	1128
NET AIRFLOW	-25	57

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H2O)
FRONT	0.0061
SIDE	-
REAR	0.003
AVERAGE	0.0046

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:

EF-2 FAN DESIGN WAS 150CFM, BUT EXHAUST GRILLES ADDED TO 225 CFM. ADJUSTED BALANCE SCHEDULE TO MAINTAIN POSITIVE BP. ALSO, REAR DOOR IS CONNECTED TO A COMMON HALLWAY.