

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
EX-FCU1	MAIN BUILDING	1255	1050	1055	843	200	207	15.9%	19.7%						
EX-FCU2	EXAM RMS, OF	2140	1650	1890	1506	250	144	11.7%	8.7%						
EX-FCU3	MAIN BUILDING	1810	1612	1400	1479	410	133	22.7%	8.3%						
RTU-1	ADDITION	1600	1575	1200	1165	400	410	25.0%	26.0%						
NEW FCU	BREAKROOM	630	635	472	359	158	276	25.1%	43.5%						
EF-1	RESTROOM													75	93
EF-2	ADDITION													365	384
EF-3	SURGERY													275	420
EF-4	CAT WARD													100	108
EF-5	RESTROOM													75	73
EF-6	DENTAL													175	186
EF-7	TREATMENT													275	414
TOTALS		7435	6522	6017	5352	1418	1170			0	0	0	0	1340	1678

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	1418	1170
TOTAL EXHAUST	1340	1678
NET AIRFLOW	78	-508

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H2O)
FRONT	-0.013
SIDE	-0.01
REAR	-0.0072
AVERAGE	-0.0101

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:

ROOM PRESSURES: SURGERY: +0.0009", DOG WARD: -0.0007", ISO: -0.0007", CAT WARD: -0.0024"