

AIR BALANCE SCHEDULE

UNIT	AREA SERVED	HVAC SUPPLY		HVAC RETURN		HVAC OUTDOOR		OA %		OUTSIDE AIR		HOOD EXHAUST		GENERAL EXH.	
		DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
WSHP-1	DINING	1200	1318	900	-	300	-	25.0%	-						
WSHP-2	PREP	1200	1166	900	-	300	-	25.0%	-						
WSHP-3	SERVELINE	1600	1583	1300	-	300	-	18.8%	-						
AHU-1	DINING	1600	1625	1475	-	125	-	7.8%	-						
AHU-2	STORAGE	1600	1584	1475	-	125	--	7.8%	-						
OAF-1										1150	1199				
GX-1	KITCHEN													850	859
TX-1	RESTROOMS													300	308
TOTALS		7200	7276	6050	0	1150	0			1150	1199	0	0	1150	1167

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	1150	1199
TOTAL EXHAUST	1150	1167
NET AIRFLOW	0	32

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H2O)
Front	0.004
Side	0.003
Rear	N/A
AVERAGE	0.0035

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:

NO DAMPERS LOCATED ON OAF DUCTWORK TO DIRECT AIR BETWEEN UNITS. OAF TOTAL SET TO DESIGN. SOME LEAKAGE INTO SPACE FROM A HOLE IN THE WALL NEAR THE DISHWASER. SUPERINTENDED TEMPORARILY COVERED HOLE WITH CARDBOARD. IN THESE CONDITIONS THE PRESSURE IS ACCEPTABLE AND THE BUILDING IS COMFORTABLE.