

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 | 5000 | 5307 | 3530 | 3820 | 1470 | 1487 | 29.4% | 28.0% | | | | | | |
| RTU-2 | KITCHEN | 6000 | 4595 | 5600 | 4183 | 400 | 412 | 6.7% | 9.0% | | | | | | |
| AC-1 | OFFICE | | | | | 15 | 14 | - | - | | | | | | |
| MUA-1 | COOKLINE | | | | | | | | | 2250 | 1765 | | | | |
| EF-1 | HOOD 1 | | | | | | | | | | | 1403 | 1429 | | |
| EF-2 | HOOD 2 | | | | | | | | | | | 1804 | 1685 | | |
| EF-3 | RESTROOM | | | | | | | | | | | | | 300 | 404 |
| TOTALS | | 11000 | 9902 | 9130 | 8003 | 1885 | 1913 | | | 2250 | 1765 | 3207 | 3114 | 300 | 404 |

NET BUILDING AIRFLOW CALCULATION

| TOTALS | DESIGN | ACTUAL |
|--------------------|------------|------------|
| TOTAL OA | 4135 | 3678 |
| TOTAL EXHAUST | 3507 | 3518 |
| NET AIRFLOW | 628 | 160 |

| DOOR TESTED | BUILDING PRESSURE MEASUREMENTS (IN. H2O) |
|----------------|--|
| FRONT | -0.005 |
| SIDE | - |
| REAR | -0.0063 |
| AVERAGE | -0.0057 |

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. ✔

KITCHEN PRESSURIZATION (MUST BE NEGATIVE)

| TOTALS | DESIGN | ACTUAL |
|-----------------------|-------------|-------------|
| TOTAL KITCHEN OA | 2665 | 2191 |
| TOTAL KITCHEN EXHAUST | 3207 | 3114 |
| NET AIRFLOW | -542 | -923 |

