

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 | KITCHEN | 4000 | 3618 | 3500 | 3351 | 500 | 267 | 12.5% | 7.4% | | | | | | |
| RTU-2 | DINING | 4400 | 4382 | 3400 | 4109 | 1000 | 273 | 22.7% | 6.2% | | | | | | |
| MUA-1 | KITCHEN HOOD | | | | | | | | | 1950 | 1910 | | | | |
| EF-1 | KITCHEN HOOD | | | | | | | | | | | 1600 | 1482 | | |
| EF-2 | KITCHEN HOOD | | | | | | | | | | | 1600 | 1482 | | |
| EF-3 | RESTROOM | | | | | | | | | | | | | 150 | 159 |
| TOTALS | | 8400 | 8000 | 6900 | 7460 | 1500 | 540 | | | 1950 | 1910 | 3200 | 2964 | 150 | 159 |

NET BUILDING AIRFLOW CALCULATION

| TOTALS | DESIGN | ACTUAL |
|--------------------|--------|--------|
| TOTAL OA | 3450 | 2450 |
| TOTAL EXHAUST | 3350 | 3123 |
| NET AIRFLOW | 100 | -673 |

| DOOR TESTED | BUILDING PRESSURE MEASUREMENTS (IN. H2O) |
|----------------|--|
| FRONT | 0.037 |
| SIDE | 0.032 |
| REAR | 0.045 |
| AVERAGE | 0.038 |

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: