

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 | 3000 | 2961 | 2000 | 1940 | 1000 | 1021 | 33.3% | 34.5% | | | | | | |
| RTU-2 | KITCHEN | 4500 | 4713 | 2000 | 2135 | 2500 | 2578 | 55.6% | 54.7% | | | | | | |
| EF-1 | HOOD-1 | | | | | | | | | | | 1430 | 1447 | | |
| EF-2 | HOOD-2 | | | | | | | | | | | 1415 | 1447 | | |
| EF-3 | RESTROOMS | | | | | | | | | | | | | 300 | 311 |
| TOTALS | | 7500 | 7674 | 4000 | 4075 | 3500 | 3599 | | | 0 | 0 | 2845 | 2894 | 300 | 311 |

NET BUILDING AIRFLOW CALCULATION

| TOTALS | DESIGN | ACTUAL |
|--------------------|--------|--------|
| TOTAL OA | 3500 | 3599 |
| TOTAL EXHAUST | 3145 | 3205 |
| NET AIRFLOW | 355 | 394 |

| DOOR TESTED | BUILDING PRESSURE MEASUREMENTS (IN. H2O) |
|----------------|--|
| FRONT | 0.01 |
| SIDE | 0.01 |
| REAR | 0.009 |
| AVERAGE | 0.0097 |

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 | 2500 | 2578 |
| TOTAL KITCHEN EXHAUST | 2845 | 2894 |
| NET AIRFLOW | -345 | -316 |

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