

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 | 4500 | 4716 | 3200 | 3336 | 1300 | 1380 | 28.9% | 29.3% | | | | | | |
| RTU-2 | KITCHEN | 4800 | 5043 | 3680 | 3885 | 1120 | 1158 | 23.3% | 23.0% | | | | | | |
| FCU-1 | OFFICE | | | | | 40 | 42 | #DIV/0! | #DIV/0! | | | | | | |
| MUA-1 | COOKLINE | | | | | | | | | 2250 | 2078 | | | | |
| KEF-1 | HOOD 1 | | | | | | | | | | | 875 | 922 | | |
| KEF-2 | HOOD 2 | | | | | | | | | | | 1886 | 1751 | | |
| EF-1 | RESTROOMS | | | | | | | | | | | 300 | 230 | | |
| TOTALS | | 9300 | 9759 | 6880 | 7221 | 2460 | 2580 | | | 2250 | 2078 | 3061 | 2903 | 0 | 0 |

NET BUILDING AIRFLOW CALCULATION

| TOTALS | DESIGN | ACTUAL |
|--------------------|-------------|-------------|
| TOTAL OA | 4710 | 4658 |
| TOTAL EXHAUST | 3061 | 2903 |
| NET AIRFLOW | 1649 | 1755 |

| DOOR TESTED | BUILDING PRESSURE MEASUREMENTS (IN. H2O) |
|----------------|--|
| FRONT | 0.007 |
| SIDE | - |
| REAR | 0.0024 |
| AVERAGE | 0.0047 |

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 | 3410 | 3278 |
| TOTAL KITCHEN EXHAUST | 2761 | 2673 |
| NET AIRFLOW | 649 | 605 |

