

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 | 3400 | 3516 | 2900 | 2981 | 500 | 535 | 14.7% | 15.2% | | | | | | |
| RTU-2 | DINING | 4000 | 4133 | 3000 | 3095 | 1000 | 1038 | 25.0% | 25.1% | | | | | | |
| MUA-1 | KITCHEN HOOD | | | | | | | | | 1300 | 1203 | | | | |
| EF-1 | KITCHEN HOOD | | | | | | | | | | | 2550 | 2580 | | |
| EF-2 | RESTROOM | | | | | | | | | | | | | 150 | 146 |
| TOTALS | | 7400 | 7649 | 5900 | 6076 | 1500 | 1573 | | | 1300 | 1203 | 2550 | 2580 | 150 | 146 |

NET BUILDING AIRFLOW CALCULATION

| TOTALS | DESIGN | ACTUAL |
|--------------------|------------|-----------|
| TOTAL OA | 2800 | 2776 |
| TOTAL EXHAUST | 2700 | 2726 |
| NET AIRFLOW | 100 | 50 |

| DOOR TESTED | BUILDING PRESSURE MEASUREMENTS (IN. H2O) |
|----------------|--|
| FRONT | 0.0045 |
| SIDE | 0.0039 |
| REAR | 0.0013 |
| AVERAGE | 0.0032 |

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: