

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 |
| AHU-1 | KITCHEN | 3500 | 3396 | 2900 | 2762 | 600 | 634 | 17.1% | 18.7% | | | | | | |
| AHU-2 | DINING | 3500 | 3428 | 2400 | 2222 | 1100 | 1206 | 31.4% | 35.2% | | | | | | |
| MUA-1 | KITCHEN HD | | | | | | | | | 1300 | 1369 | | | | |
| EF-1 | KITCHEN HD | | | | | | | | | | | 2600 | 2493 | | |
| EF-2 | RESTROOM | | | | | | | | | | | | | 400 | 400 |
| EF-3 | BOH | | | | | | | | | | | | | 200 | 210 |
| EF-4 | BOH | | | | | | | | | | | | | 350 | 350 |
| TOTALS | | 7000 | 6824 | 5300 | 4984 | 1700 | 1840 | | | 1300 | 1369 | 2600 | 2493 | 950 | 960 |

NET BUILDING AIRFLOW CALCULATION

| TOTALS | DESIGN | ACTUAL |
|--------------------|-------------|-------------|
| TOTAL OA | 3000 | 3209 |
| TOTAL EXHAUST | 3550 | 3453 |
| NET AIRFLOW | -550 | -244 |

| DOOR TESTED | BUILDING PRESSURE MEASUREMENTS (IN. H2O) |
|----------------|--|
| FRONT | -0.0461 |
| SIDE | |
| REAR | |
| AVERAGE | -0.0461 |

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:

Inherent multi tenant space building pressure is a cause of negative pressure. Building with all equipment off is -0.0412"