

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 | SALES | 10000 | 14063 | 5000 | 11979 | 5000 | 2084 | 50.0% | 14.8% | | | | | | |
| RTU-2 | BRK ROOM | 800 | 724 | 600 | 620 | 200 | 104 | 25.0% | 14.4% | | | | | | |
| RTU-3 | BAKERY | 4000 | 3641 | 3000 | 3263 | 1000 | 378 | 25.0% | 10.4% | | | | | | |
| RTU-4 | DELI | 3000 | 3219 | 2250 | 2935 | 750 | 284 | 25.0% | 8.8% | | | | | | |
| RTU-5 | PHARM. | 800 | 738 | 600 | 637 | 200 | 101 | 25.0% | 13.7% | | | | | | |
| RTU-6 | SALES | 8000 | 8700 | 6000 | 8700 | 2000 | 0 | 25.0% | 0.0% | | | | | | |
| RTU-7 | SALES | 8000 | 8000 | 6000 | 7104 | 2000 | 896 | 25.0% | 11.2% | | | | | | |
| RTU-8 | LIQ. DEPT | 3000 | 3523 | 2250 | 3113 | 750 | 410 | 25.0% | 11.6% | | | | | | |
| RTU-9 | OLO | 800 | 538 | 600 | 448 | 200 | 90 | 25.0% | 16.7% | | | | | | |
| RTU-10 | ENTRY VEST. | 1600 | 1568 | 1200 | 1396 | 400 | 172 | 25.0% | 11.0% | | | | | | |
| RTU-11 | PRODUCE | 6000 | 6600 | 4500 | 5913 | 1500 | 687 | 25.0% | 10.4% | | | | | | |
| MUA-1 | HOOD | | | | | | | | | 2300 | 1186 | | | | |
| EF-1 | KH-1 | | | | | | | | | | | 2829 | 2632 | | |
| EF-2 | KH-2 | | | | | | | | | | | 1923 | 0 | | |
| EF-3 | KH-3 | | | | | | | | | | | 967 | 1526 | | |
| EF-4 | KH-4 | | | | | | | | | | | 810 | 0 | | |
| EF-5 | KH-5 | | | | | | | | | | | 750 | 854 | | |
| EF-8 | TOILET EXH. | | | | | | | | | | | | | 675 | 0 |
| EF-10 | UNI. TOILET. | | | | | | | | | | | | | 75 | 0 |
| TOTALS | | 46000 | 51314 | 32000 | 46108 | 14000 | 5206 | | | 2300 | 1186 | 7279 | 5012 | 750 | 0 |

NET BUILDING AIRFLOW CALCULATION

| TOTALS | DESIGN | ACTUAL |
|--------------------|-------------|-------------|
| TOTAL OA | 16300 | 6392 |
| TOTAL EXHAUST | 8029 | 5012 |
| NET AIRFLOW | 8271 | 1380 |

| DOOR TESTED | BUILDING PRESSURE MEASUREMENTS (IN. H2O) |
|----------------|--|
| FRONT | 0.012 |
| SIDE | |
| REAR | |
| AVERAGE | 0.012 |

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:

[1] Scheduled Design Airflows are pulled from as-built drawings on site. RTU-1 has been replaced with larger 40 ton unit. [2] Building Pressure Measured at OLO door in main vestibule. [3] RTU-8 economizer not functional-unable to set [4] EF-2 / EF-4 not used, hoods have no cooking equipment installed. [5] Restroom Exhaust not functional. [5] HD-3 only operates when donuts are being fried- 2 hours per day typically. [6] MAU controls/timer not functional, needs to be switched on at hood control to run. See issue.