

### 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        | 2975        | 2868   | 2422        | 2148   | 553          | 720    | 18.6%  | 25.1%  |              |        |              |        |              |        |
| RTU-2         | SALES/OFFICE | 2975        | 2927   | 2422        | 2242   | 553          | 685    | 18.6%  | 23.4%  |              |        |              |        |              |        |
| RTU-3         | SALES        | 1750        | 1593   | 1650        | 1593   | 100          | 0      | 5.7%   | 0.0%   |              |        |              |        |              |        |
| RTU-4         | SALES/BREAK  | 1750        | 1582   | 1650        | 1582   | 100          | 0      | 5.7%   | 0.0%   |              |        |              |        |              |        |
| RTU-5         | PHARMACY     | 1400        | 1482   | 1400        | 1482   | 0            | 0      | 0.0%   | 0.0%   |              |        |              |        |              |        |
| RTU-6         | RECEIVING    | 1400        | 2423   | 1300        | 2423   | 100          | 0      | 7.1%   | 0.0%   |              |        |              |        |              |        |
| EF-1          | OFFICE       |             |        |             |        |              |        |        |        |              |        |              |        | 300          | 213    |
| EF-2          | EMPLOYEE RR  |             |        |             |        |              |        |        |        |              |        |              |        | 300          | 262    |
| EF-3          | MENS RR      |             |        |             |        |              |        |        |        |              |        |              |        | 250          | 242    |
| EF-4          | WOMENS RR    |             |        |             |        |              |        |        |        |              |        |              |        | 250          | 255    |
| EF-5          | PHOTO        |             |        |             |        |              |        |        |        |              |        |              |        |              |        |
| <b>TOTALS</b> |              | 12250       | 12875  | 10844       | 11470  | 1406         | 1405   |        |        | 0            | 0      | 0            | 0      | 1100         | 972    |

#### NET BUILDING AIRFLOW CALCULATION

| TOTALS             | DESIGN     | ACTUAL     |
|--------------------|------------|------------|
| TOTAL OA           | 1406       | 1405       |
| TOTAL EXHAUST      | 1100       | 972        |
| <b>NET AIRFLOW</b> | <b>306</b> | <b>433</b> |

| DOOR TESTED    | BUILDING PRESSURE MEASUREMENTS (IN. H2O) |
|----------------|--|
| FRONT          | 0.013                                    |
| SIDE           | 0.015                                    |
| REAR           | 0.012                                    |
| <b>AVERAGE</b> | <b>0.0133</b>                            |

#### 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:

UNABLE TO LOWER OA FRO RTU 1 & 2 TO DESIGN, WAS ABLE TO SATISFY OA REQUIREMENTS WITH THESE TWO UNITS ALONE SO I REDUCED OA FOR THE OTHER UNS TO 0.