

### 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          | 3800        | 3528   | 3420        | 3135   | 380          | 393    | 10.0%  | 11.1%  |              |        |              |        |              |        |
| RTU-2         | DINING           | 3400        | 3365   | 2720        | 2686   | 680          | 679    | 20.0%  | 20.2%  |              |        |              |        |              |        |
| EF-1          | HOOD 1           |             |        |             |        |              |        |        |        |              |        | 2275         | 2286   |              |        |
| CEF-1         | WOMEN'S RESTROOM |             |        |             |        |              |        |        |        |              |        |              |        | 125          | 277    |
| CEF-2         | MEN'S RESTROOM   |             |        |             |        |              |        |        |        |              |        |              |        | 125          | 245    |
| MUA-1         | ACPSP            |             |        |             |        |              |        |        |        | 1979         | 0      |              |        |              |        |
| <b>TOTALS</b> |                  | 7200        | 6893   | 6140        | 5821   | 1060         | 1072   |        |        | 1979         | 0      | 2275         | 2286   | 250          | 522    |

#### NET BUILDING AIRFLOW CALCULATION

| TOTALS             | DESIGN | ACTUAL |
|--------------------|--------|--------|
| TOTAL OA           | 3039   | 1072   |
| TOTAL EXHAUST      | 2525   | 2808   |
| <b>NET AIRFLOW</b> | 514    | -1736  |

| DOOR TESTED    | BUILDING PRESSURE MEASUREMENTS (IN. H2O) |
|----------------|--|
| FRONT          | -0.012                                   |
| SIDE           | -  |
| REAR           | -0.027                                   |
| <b>AVERAGE</b> | <b>-0.0195</b>                           |

#### FINAL CHECKS

- ACTUAL NET AIRFLOW COINCIDES WITH DESIGN: ✗

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- MEASURED PRESSURES COINCIDES WITH ACTUAL NET AIRFLOW: ✓

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- PRESSURE FALLS WITHIN IMC TOLERANCE OF +/-0.02" W.C. ✓

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