

### 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      | 4000        | 3704   | 2950        | 2553   | 1050         | 1151   | 26.3%  | 31.1%  |              |        |              |        |              |        |
| RTU-2         | DINING       | 4000        | 3948   | 2900        | 2851   | 1100         | 1097   | 27.5%  | 27.8%  |              |        |              |        |              |        |
| EF-1          | KITCHEN HOOD |             |        |             |        |              |        |        |        |              |        | 1900         | 1905   |              |        |
| EF-2          | RESTROOM     |             |        |             |        |              |        |        |        |              |        |              |        | 150          | 149    |
| <b>TOTALS</b> |              | 8000        | 7652   | 5850        | 5404   | 2150         | 2248   |        |        | 0            | 0      | 1900         | 1905   | 150          | 149    |

#### NET BUILDING AIRFLOW CALCULATION

| TOTALS             | DESIGN | ACTUAL |
|--------------------|--------|--------|
| TOTAL OA           | 2150   | 2248   |
| TOTAL EXHAUST      | 2050   | 2054   |
| <b>NET AIRFLOW</b> | 100    | 194    |

| DOOR TESTED    | BUILDING PRESSURE MEASUREMENTS (IN. H2O) |
|----------------|--|
| FRONT          | 0.008                                    |
| SIDE           | 0.005                                    |
| REAR           | 0.003                                    |
| <b>AVERAGE</b> | <b>0.0053</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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