

### 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      | 3700        | 3511   | 2600        | 2433   | 1100         | 1078   | 29.7%  | 30.7%  |              |        |              |        |              |        |
| RTU-2         | DINING       | 4400        | 4271   | 3350        | 3258   | 1050         | 1013   | 23.9%  | 23.7%  |              |        |              |        |              |        |
| EF-1          | KITCHEN HOOD |             |        |             |        |              |        |        |        |              |        | 1900         | 1893   |              |        |
| EF-2          | RESTROOM     |             |        |             |        |              |        |        |        |              |        |              |        | 300          | 302    |
| <b>TOTALS</b> |              | 8100        | 7782   | 5950        | 5691   | 2150         | 2091   |        |        | 0            | 0      | 1900         | 1893   | 300          | 302    |

#### NET BUILDING AIRFLOW CALCULATION

| TOTALS             | DESIGN     | ACTUAL      |
|--------------------|------------|-------------|
| TOTAL OA           | 2150       | 2091        |
| TOTAL EXHAUST      | 2200       | 2195        |
| <b>NET AIRFLOW</b> | <b>-50</b> | <b>-104</b> |

| DOOR TESTED    | BUILDING PRESSURE MEASUREMENTS (IN. H2O) |
|----------------|--|
| FRONT          | 0.                                       |
| SIDE           | -0.005                                   |
| REAR           | -0.006                                   |
| <b>AVERAGE</b> | <b>-0.0037</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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