

### 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         | DINING      | 3000        | 2545   | 2250        | 1802   | 750          | 743    | 25.0%  | 29.2%  |              |        |              |        |              |        |
| RTU-2         | KITCHEN     | 4500        | 4002   | 2750        | 2237   | 1750         | 1765   | 38.9%  | 44.1%  |              |        |              |        |              |        |
| KEF-1         | KITCHEN HD  |             |        |             |        |              |        |        |        |              |        | 1188         | 1154   |              |        |
| KEF-2         | KITCHEN HD  |             |        |             |        |              |        |        |        |              |        | 860          | 861    |              |        |
| EF-3          | RESTROOMS   |             |        |             |        |              |        |        |        |              |        |              |        | 200          | 196    |
| <b>TOTALS</b> |             | 7500        | 6547   | 5000        | 4039   | 2500         | 2508   |        |        | 0            | 0      | 2048         | 2015   | 200          | 196    |

#### NET BUILDING AIRFLOW CALCULATION

| TOTALS             | DESIGN     | ACTUAL     |
|--------------------|------------|------------|
| TOTAL OA           | 2500       | 2508       |
| TOTAL EXHAUST      | 2248       | 2211       |
| <b>NET AIRFLOW</b> | <b>252</b> | <b>297</b> |

| DOOR TESTED    | BUILDING PRESSURE MEASUREMENTS (IN. H2O) |
|----------------|--|
| FRONT          | -0.01                                    |
| SIDE           |  |
| REAR           |  |
| <b>AVERAGE</b> | <b>-0.01</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.  | ✓ |

#### KITCHEN PRESSURIZATION (MUST BE NEGATIVE)

| TOTALS                | DESIGN      | ACTUAL      |
|-----------------------|-------------|-------------|
| TOTAL KITCHEN OA      | 1750        | 1765        |
| TOTAL KITCHEN EXHAUST | 2048        | 2015        |
| <b>NET AIRFLOW</b>    | <b>-298</b> | <b>-250</b> |

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