

### 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      | 3600        | 3426   | 2700        | 2456   | 900          | 970    | 25.0%  | 28.3%  |              |        |              |        |              |        |
| RTU-2         | KITCHEN     | 5300        | 5227   | 4100        | 3916   | 1200         | 1311   | 22.6%  | 25.1%  |              |        |              |        |              |        |
| KEF-1         | FRYER HOOD  |             |        |             |        |              |        |        |        |              |        | 700          | 723    |              |        |
| KEF-2         | GRILL HOOD  |             |        |             |        |              |        |        |        |              |        | 738          | 749    |              |        |
| EF-1          | UNISEX RR   |             |        |             |        |              |        |        |        |              |        |              |        | 200          | 207    |
| <b>TOTALS</b> |             | 8900        | 8653   | 6800        | 6372   | 2100         | 2281   |        |        | 0            | 0      | 1438         | 1472   | 200          | 207    |

#### NET BUILDING AIRFLOW CALCULATION

| TOTALS             | DESIGN     | ACTUAL     |
|--------------------|------------|------------|
| TOTAL OA           | 2100       | 2281       |
| TOTAL EXHAUST      | 1638       | 1679       |
| <b>NET AIRFLOW</b> | <b>462</b> | <b>602</b> |

| DOOR TESTED    | BUILDING PRESSURE MEASUREMENTS (IN. H <sub>2</sub> O) |
|----------------|---|
| FRONT          | 0.028   |
| SIDE           | 0.019   |
| REAR           | 0.013   |
| <b>AVERAGE</b> | <b>0.02</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      | 0        | 1311        |
| TOTAL KITCHEN EXHAUST | 0        | 1472        |
| <b>NET AIRFLOW</b>    | <b>0</b> | <b>-161</b> |

