

### 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      | 2600        | 2965   | 2100        | 2345   | 500          | 620    | 19.2%  | 20.9%  |              |        |              |        |              |        |
| RTU-2         | DINING       | 4000        | 4191   | 3000        | 3178   | 1000         | 1013   | 25.0%  | 24.2%  |              |        |              |        |              |        |
| MUA-1         | KITCHEN HOOD |             |        |             |        |              |        |        |        | 1950         | 1765   |              |        |              |        |
| EF-1          | KITCHEN HOOD |             |        |             |        |              |        |        |        |              |        | 3200         | 3240   |              |        |
| EF-2          | RESTROOM     |             |        |             |        |              |        |        |        |              |        |              |        | 150          | 144    |
| <b>TOTALS</b> |              | 6600        | 7156   | 5100        | 5523   | 1500         | 1633   |        |        | 1950         | 1765   | 3200         | 3240   | 150          | 144    |

#### NET BUILDING AIRFLOW CALCULATION

| TOTALS             | DESIGN | ACTUAL |
|--------------------|--------|--------|
| TOTAL OA           | 3450   | 3398   |
| TOTAL EXHAUST      | 3350   | 3384   |
| <b>NET AIRFLOW</b> | 100    | 14     |

| DOOR TESTED    | BUILDING PRESSURE MEASUREMENTS (IN. H2O) |
|----------------|--|
| FRONT          | 0.017                                    |
| SIDE           | 0.012                                    |
| REAR           | 0.023                                    |
| <b>AVERAGE</b> | <b>0.0173</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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