

### 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      | 3400        | 3136   | 2900        | 2606   | 500          | 530    | 14.7%  | 16.9%  |              |        |              |        |              |        |
| RTU-2         | DINING       | 4500        | 4157   | 3500        | 3082   | 1000         | 1075   | 22.2%  | 25.9%  |              |        |              |        |              |        |
| MUA-1         | KITCHEN HOOD |             |        |             |        |              |        |        |        | 1950         | 1778   |              |        |              |        |
| EF-1          | KITCHEN HOOD |             |        |             |        |              |        |        |        |              |        | 3200         | 3159   |              |        |
| EF-2          | RESTROOM     |             |        |             |        |              |        |        |        |              |        |              |        | 150          | 159    |
| <b>TOTALS</b> |              | 7900        | 7293   | 6400        | 5688   | 1500         | 1605   |        |        | 1950         | 1778   | 3200         | 3159   | 150          | 159    |

#### NET BUILDING AIRFLOW CALCULATION

| TOTALS             | DESIGN | ACTUAL |
|--------------------|--------|--------|
| TOTAL OA           | 3450   | 3383   |
| TOTAL EXHAUST      | 3350   | 3318   |
| <b>NET AIRFLOW</b> | 100    | 65     |

| DOOR TESTED    | BUILDING PRESSURE MEASUREMENTS (IN. H2O) |
|----------------|--|
| FRONT          | 0.006                                    |
| SIDE           | 0.0072                                   |
| REAR           | 0.011                                    |
| <b>AVERAGE</b> | <b>0.0081</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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