

### CURRENT 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      | 4000        | 4114   | 2720        | 4114   | 900          | 0      | 22.5%  | 0.0%   |              |        |              |        |              |        |
| RTU-2         | DINING      | 4000        | 4096   | 2720        | 3143   | 900          | 953    | 22.5%  | 23.3%  |              |        |              |        |              |        |
| RTU-3         | KITCHEN     | 3000        | 2453   | 2100        | 2453   | 0            | 0      | 0.0%   | 0.0%   |              |        |              |        |              |        |
| MUA-1         | HOODS       |             |        |             |        |              |        |        |        | 2024         | 2008   |              |        |              |        |
| KEF-1         | HOOD 1      |             |        |             |        |              |        |        |        |              |        | 899          | 886    |              |        |
| KEF-2         | HOOD 2      |             |        |             |        |              |        |        |        |              |        | 1162         | 1093   |              |        |
| KEF-3         | HOOD 3      |             |        |             |        |              |        |        |        |              |        | 1162         | 1198   |              |        |
| EF-1          | RR          |             |        |             |        |              |        |        |        |              |        |              |        | 150          | 108    |
| EF-2          | RR          |             |        |             |        |              |        |        |        |              |        |              |        | 150          | 0      |
| <b>TOTALS</b> |             | 11000       | 10663  | 7540        | 9710   | 1800         | 953    |        |        | 2024         | 2008   | 3223         | 3177   | 300          | 108    |

#### NET BUILDING AIRFLOW CALCULATION

| TOTALS             | DESIGN     | ACTUAL      |
|--------------------|------------|-------------|
| TOTAL OA           | 3824       | 2961        |
| TOTAL EXHAUST      | 3523       | 3285        |
| <b>NET AIRFLOW</b> | <b>301</b> | <b>-324</b> |

| DOOR TESTED    | BUILDING PRESSURE MEASUREMENTS (IN. H2O) |
|----------------|--|
| FRONT          | 0.0036                                   |
| SIDE           | -0.0043                                  |
| REAR           | -0.098                                   |
| <b>AVERAGE</b> | <b>-0.0329</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. ❌

NOTES: