

### 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 |
| AHU-1         | KITCHEN     | 2400        | 2288   | 1800        | 3926   | 600          | 538    | 25.0%  | 12.1%  |              |        |              |        |              |        |
| AHU-2         | KITCHEN     | 2400        | 2176   | 1800        |        | 600          |        | 25.0%  |        |              |        |              |        |              |        |
| AHU-3         | DINING      | 2400        | 545    | 1800        | 1805   | 600          | NR     | 25.0%  | NR     |              |        |              |        |              |        |
| AHU-4         | DINING      | 2400        | 2315   | 1800        | NR     | 600          | NR     | 25.0%  | NR     |              |        |              |        |              |        |
| MUA-1         | HD1         |             |        |             |        |              |        |        |        | 1300         | 1674   |              |        |              |        |
| EF-1          | HD2 DISH    |             |        |             |        |              |        |        |        |              |        | 1200         | 1090   |              |        |
| PCU-1         | HD1         |             |        |             |        |              |        |        |        |              |        | 2600         | 1581   |              |        |
| EF-2          | RESTROOMS   |             |        |             |        |              |        |        |        |              |        |              |        | 300          | 265    |
| <b>TOTALS</b> |             | 9600        | 7324   | 7200        | 5731   | 2400         | 1250   |        |        | 1300         |        | 3800         | 2671   | 300          | 265    |

#### NET BUILDING AIRFLOW CALCULATION

| TOTALS             | DESIGN      | ACTUAL       |
|--------------------|-------------|--------------|
| TOTAL OA           | 3700        | 1250         |
| TOTAL EXHAUST      | 4100        | 2936         |
| <b>NET AIRFLOW</b> | <b>-400</b> | <b>-1686</b> |

| DOOR TESTED    | BUILDING PRESSURE MEASUREMENTS (IN. H2O) |
|----------------|--|
| FRONT          | -0.06                                    |
| SIDE           |  |
| REAR           |  |
| <b>AVERAGE</b> | <b>-0.06</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:

TOTAL OA WAS TRAVERSED AS 1250 CFM APPROXIMATELY WITH THE MUA RUNNING. THAT INDICATES THAT THE MUA IS PULLING FROM THE AHU RETURNS.