

## Project Summary

### RTU's (Roof Top Units) w/ Diffusers

Each of the RTU's were measured at their terminal devices or via traverse to establish a total flow for that unit. Each RTU was adjusted to within tolerance of the engineer's design flow. Each outlet was then adjusted to within tolerance of the design flow. Outside air was measured by reading the intake air opening with a velocity grid and multiplying by the free area. The outside air damper was adjusted until the airflow was within the design requirements. Any equipment that fell outside of that tolerance is noted throughout the report.

### FCU's w/ Diffusers

Each of the FCU's were measured at their terminal devices utilizing a flow hood. The sum of these readings is equal to the total flow for that particular unit. The total flow of each FCU was then adjusted to within tolerance of the specified design. Each terminal diffuser was balanced to within tolerance of the engineer's design volume utilizing the provided hand damper located at the takeoff of the main & branch trunk line(s). Any equipment that fell outside of this tolerance is noted throughout the report.

### Energy Recovery Ventilator (ERV)

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The supply side of the ERV was measured either by traverse or reading the individual outlets with a flow hood. The fan speed was then adjusted until airflow was within design tolerance. Each outlet was then adjusted to within tolerance of the design flow. The exhaust side was measured by either a traverse or by reading the individual outlets. Total flow was adjusted until airflow was within design tolerance and then each inlet was balanced. Any equipment that fell outside of that tolerance is noted throughout the report.