Project Summary

The summary below provides a quick understanding of our scope of work and general testing procedures. Enclosed in the report is further details about your building performance including recommendations, asset data, and pictures.

RTU's (Roof Top Units)

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 based on tonnage at 400 CFM per Tonn. Outside air was to be measured by reading the intake air opening but no economizers were installed. We recommend to have them installed in both RTU's

Kitchen Exhaust Hood & Associated Fans Each kitchen

exhaust fans were measured at the hood filter bay utilizing a velocity matrix and a manufacturer's correction factor. Each filter velocity is multiplied by the manufacturer's corrected area. The sum of these readings equals the total flow of the exhaust fans. The total flow of the exhaust was then adjusted to within tolerance of the design flow. Any EF's that fell outside of this tolerance is noted throughout the report. Several exhaust fans were over design and unable to be adjusted see issues.

MUA (Make Up Air Unit) w/ PSP

Total flow for the MAU (Make-up Air Unit) unit was measured by readings taken at the discharge of the hood's perforated supply plenum and at the air intake. Readings taken with a velocity matrix were averaged and multiplied by a manufacturer's corrected area. No design airflow was given and unit is directly wired into the breaker for RTU-2 so speed cannot be adjusted.

General Exhaust Fans w/ Grilles

The general exhaust fans were measured by reading each air device with a flow hood. The total airflow for each fan is equivalent to the sum of these readings. No design value was given for general exhaust fans.

Final Building Tests

After completing the test and balance the final building pressure was measured. The hood capture was tested at the perimeter of the hood and the cook top level with the equipment heat on to ensure satisfactory hood capture and containment