

## Project Summary

The purpose of the visit to Kroger 026-292 is to balance the space due to complaints of negative pressure and humidity. The equipment was balanced to any available designs that were present. AHU-1 a submittal was obtained from the OEM and then any other RTU's without designs were based on nominal airflow based on tonnage. Initially the building pressure was -4300 CFM and the airflow on the main AHU was well above design. It was measured as 38000 CFM at 100% fan speed but even at it's typical speed of 75% airflow was 28000 CFM. Original designed airflow was 20000 CFM. The AHU airflow was slowed down closer to design and after completion of balancing the net airflow was positive (+453 CFM). The indoor humidity was approximately 50% inside the space on a 94 degree day. See following pages for some remaining issues that are recommended to be addressed.