

UTILIZING LASER SCANNING FOR QUALITY CONTROL

Our team regularly utilizes the latest technology to ensure our clients quality expectations are met. This includes utilizing our in-house tools such as our 3D laser scanner, total station, drone, and BIM software.

For example, recently during the construction of the Mt. San Antonio College Athletics Complex Project, our team's proactive approach to quality control revealed from a 3D scan of the construction site to verify construction layout that a wall foundation was installed in the wrong place by the subcontractor.

The augmented reality view (pictured below), shows the coordinated building information model overlaid with real-world conditions in a 3D environment. Having this data accessible quickly allowed our team to analyze options to fix the condition without impacting the schedule. The fix was implemented with the subcontractor quickly, prior to the wall being poured mitigating a potential delay.

