



AUTODESK CONSTRUCTION CLOUD™



How KRT Building Consultants Excelled in Construction Quality Management

Quality inspections in construction are a detailed and sometimes time-consuming process, especially for a small team. KRT Building Consultants (KRT) is a small surveying and construction consulting firm with over 70 years of experience in building surveying, whose small size is no obstacle to providing excellence in construction quality management. Through technology, KRT can maximise their time and increase their efficiency, delivering quality projects for their clients.



Customer Snapshot

FIRM SIZE: <500
FIRM TYPE: GENERAL CONTRACTOR
REVENUE: 1.3 MILLION
FOCUS AREA: COMMERCIAL
HQ: AUKLAND, NZ

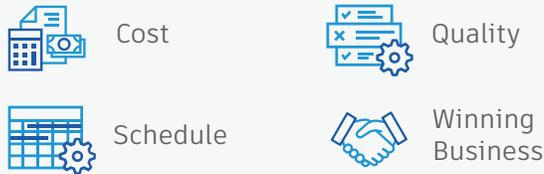
PHASE:



PRODUCTS:



VALUE DRIVERS:



Streamlining the “Camera and Site Notes” Process with Document Management

KRT’s projects can be heavy with paperwork and physical media. Each building’s defects must be evaluated accurately, and the solutions to fixing them need to be implemented thoroughly before building handover. This results in a labour intensive workload when evaluating a jobsite, distilling all the information into an easily digestible report and distributing it to contractors, engineers, and clients. Teams would take photographs and manually attach the document to the issue, which was a cumbersome process.

KRT required a way to streamline the traditional “camera and site notes” process, providing the project team with accurate information in real-time to deliver high-quality and cost-effective services.

KRT began to research mobile software solutions to see what would fit their needs. The company quickly discovered that Plangrid within Autodesk Construction Cloud™ was the best product for the team to log issues and upload documents for contractors to access. It made everyone’s lives easier on a jobsite.

Getting Onboard with Cloud-based Construction Management to Improve Field Collaboration

Plangrid enables KRT’s field teams to work off tablets on-site, eliminating substantial paperwork and enabling greater field collaboration.

“We can record a QA issue on the tablet on site, take a photograph and easily locate it on a floor plan or elevation,”



says Peter Grantham, Director at KRT Building Consultants. “This makes it easy for the team to know ‘what’ and ‘where’ the issue is. In addition, when we’re reviewing drawings or plans, we can mark up our concerns with commentary that can be easily interpreted. It cuts down on time spent going back and forth between people in the field and the office.”

PlanGrid enables KRT to distribute information faster across stakeholders to deliver higher quality projects for their clients. With the ability to add markups directly to an existing drawing, KRT can quickly pinpoint an issue, raise it to the contractor and communicate what needs to be fixed and where it is on the project.

“I could quickly photograph the exact window, socket outlet, floor area, or the fixtures and fittings we needed to survey, link the photo to an exact location on the floor plan, and add additional commentary where necessary. It helped me get through 60 apartments in one day,” says Keith Rankine, Director at KRT Building Consultants.

Better Construction Document Management Means Savings in Time and Money

Cutting down on all the administrative headaches that came with how they did things “in the old days” also meant cost savings for KRT and its clients.

“The main benefit of PlanGrid is the speed,” says Rankine. “Supplying all that information quickly to

the contractors, designers, and architects means they can act on it right away. In any project, time is money. Getting that information out and the work turned around quickly saves the client money.”

“I used PlanGrid for 12 months and recognised the potential time it could save us,” adds Grantham. “We’re a three-man team startup company, and now we are all saving time on projects by using the software, and we can pass these efficiencies onto our current and potential clients.”

KRT’s success with PlanGrid is impressive and inspiring both their clients and the teams they collaborate with.

“We even had a contractor who was so impressed with what we were achieving in terms of professional-looking documentation, increased efficiency, and cost savings,” says Grantham, “that they purchased PlanGrid for their business.”

KRT has tracked more than 3,000 tasks and issues, 700+ annotations, and 4,000 photos with PlanGrid. The advantages to their bottom line and client satisfaction speak for themselves. And with PlanGrid at the helm, KRT can deliver higher quality projects for their clients in record time.

