



1 GHD team on site. 2 Team meeting around a ground asset. 3 Team photo.

NORTHERN WINTER SCHEDULE - REMOTE STANDS

GHD for Auckland Airport

Project Location: Auckland



Auckland International Airport required more parking stands for what they termed the 'Northern Winter Schedule'. This period sees New Zealand welcoming more aircraft and passengers from the northern hemisphere looking for solace in their winter time.

With a growing schedule, the airport had to grow in order to accommodate. The construction of two Code E / four Code C remote stands was the directive, the deadline to deliver by was the challenge.

Auckland International Airport (AIA), GHD and Fulton Hogan began their journey knowing attention from all quarters was elevated. The project with a high risk profile was approached with full transparency and meticulous planning. Proactive design optioneering was essential, early Contractor involvement was key and collaborative client interaction was crucial.

With only 11 weeks to design, procure and construct the parking stands to meet the deadline set by the 'Northern Winter Schedule' of 1st December 2015 it was clear the project team were not able to utilise standard technologies, which for a stand of this nature would be a rigid concrete pavement.

Developing a specialist asphalt mix design used for the first time in NZ, dense graded epoxy asphalt, the team delivered against the odds, two Code E / four Code C remote stands, with operational constraints, restricted time frames, whilst offering technical smarts and significant value to the sustainable end product.

The team went the extra mile, designing an innovative solution specifically designed to meet the client's needs; working around the clock to deliver the project objective without harm or impediment to airport and construction personnel, aircraft, passengers and reputation, demonstrating uniqueness necessary for the qualities required of the ACENZ Innovate General project for 2017.

Judging & Copyright Statement

This project is an entrant in the 2016 INNOVATE NZ Awards of Excellence competition. The winners will be celebrated at our Awards Gala Dinner on Saturday, 12th August 2017 in Taupo.

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