



DANIEL HANSEN

Senior Design Engineer

Bachelor of Engineering with Honours (Civil)/ Bachelor of Science (Physics)
James Cook University (2007)
Registered Professional Engineer of Qld, 15948
MIE Aust, CP Eng, NER (Civil & Structural)

PROFESSIONAL EXPERIENCE

Project Types

Industrial and Warehouses
Refurbishments
Commercial Buildings
Residential Buildings
Educational Facilities
Mine Facilities
Condition Reports
Finite Element Modelling

Skills

Problem solving
Structural design
Design coordination
Project management
Investigation and reporting
Site supervision
Load test witnessing

Inductions

Port of Townsville
General Safety Induction (Blue card)

Awards

University Medal (Hons), 2007
College Dux, Ignatius Park College, 2002

LCJ ENGINEERS PTY LTD

Senior Design Engineer 2014 – Present
Graduate Design Engineer 2008 - 2012

Daniel is a technically minded and practical engineer with a range of experience in residential, commercial and industrial construction projects. Daniel's enthusiasm for engineering and excellent communication skills leads to his ability to undertake multidisciplinary projects from proposal to completion, under pressure and under budget.

Daniel's key responsibilities at LCJ Engineers include the preparation of proposals, attending stakeholder meetings, coordination of consultants, schematic and detailed design, management of the preparation of technical documentation including drawings and reports, and field supervision of construction activities through to completion.

Daniel has been involved with the following projects:

- **Defence Logistic Transformation Project** – A member of the design team responsible for the delivery of eleven large buildings with associated civil works. Undertook structural design, which included an extensive options analysis on a 60m x 110m portal framed structure with very tight floor slab tolerances and large storage racking loads. (approx \$150M)
- **Marian School** - New 22mx45m fully enclosed portal framed building with stage. New two storey masonry GLA with suspended concrete slab and new library block. (\$2.5M)
- **WH Frier Building** - Two new warehouses on one site. Tilt up construction with front showroom and mezzanine offices. Onsite car parking. (\$1.3M)
- **Refrigeration Plant relocation at Mt Isa** - Relocation of existing underground cooling facility for mine expansion. New cooling tower steelwork, transformer bunds, and pipe bridge in a tight timeline.
- **Structural Review of 41ML Reservoir** - Third party design review of 66m diameter water reservoir. Reservoir was designed to the American API650 standard and was fully welded steel plate construction.
- **Vucak residence** - Precast, two (2) storey marina front residence on timber piles. Full height glazing with internal pond and flyover bridge. (\$1.75M)