

**DANIEL JOHNSTONE**  
**Manager****Qualifications**

*Bachelor of Engineering (Hons) 1995, JCU*  
*Registered Professional Engineer of Qld, 5892*  
*MIE Aust, CP Eng. NER (Civil)*  
*Graduate Certificate in Engineering (Port and Harbour) 2014, Swinburne*  
*Master of Pavement Technology 2019, CPEE*  
*Northern Territory Reg. No. 58497ES*  
*Department of Defence NV1 Level Security Clearance*  
*Townsville City Council Suitably Qualified Person-065 Erosion & Sediment Control*

**PROFESSIONAL  
EXPERIENCE****Training**

*Level 1 Bridge Inspection*  
*(ARRB Group)*  
*Level 2 Bridge Inspection*  
*(ARRB Group)*  
*AS5100 Bridge Design*  
*Unsealed Local Roads*  
*(ARRB Group)*  
*Pavement Recycling & Insitu*  
*Stabilisation*  
*(Centre for Pavement*  
*Engineering Education Inc)*  
*R110HS202A Enter & work in*  
*confined spaces*  
*R110HS204A Work safely at*  
*height*

**Inductions**

*Department of Defence*  
*Port of Townsville*

**Skills**

*Project Management*  
*Conceptual Design*  
*Industrial and Mining*  
*Structural Engineering*  
*Post Tensioned Concrete*  
*Design*  
*Site Supervision*

**Project Types**

*Industrial Developments*  
*Refurbishments*  
*Educational Facilities*  
*Shopping Centres*  
*Police Headquarters*  
*Aquatic Centre*  
*Retail Showrooms*

**LCJ ENGINEERS PTY LTD****Manager 2010 – Present****Principal Engineer 2003 – 2010**

Danny has worked in consulting engineering firms in Mackay, Townsville, Brisbane and the United Kingdom and has gained experience in a variety of fields and construction techniques. Danny has worked on commercial, industrial, medium rise residential apartments and refurbishment projects. He has experience in the design and site supervision of most building materials including reinforced, post tensioned and precast concrete, hot rolled structural steel, cold formed steel, timber, masonry and composite construction.

Danny has reviewed and coordinated all documentation and drawings for Defence projects carried out by LCJ Engineers since 2009. He has a thorough knowledge of Defence procedures and requirements.

Danny has been more heavily involved in the following projects:

**Defence Logistics Transformation program (DLTP) Joint Logistics Unit (NQ), Lavarack Barracks**

This project included the design and documentation of nine (9) new, medium to large buildings (one shed in excess of 7,000m<sup>2</sup>), new roads and crossovers, significant areas of hardstand (approx. 60,000m<sup>2</sup>) including large areas designed for reach stackers transporting ISO containers, traffic management assessment and report including safety assessment of pedestrian crossing at main access gate, stormwater and water and sewer reticulation design. This project included attendance at multiple design management meetings, safety in design meetings, and risk management meetings. At the conclusion of each design milestone we submitted a written report and a verbal presentation of our design to all stakeholders.

**Lavarack Barracks Stage 3 CISCEN + TOS Building**

Danny was the Design Engineer for this project which was part of the Lavarack Barracks Stage 3 Redevelopment Project. It consisted of two single storey steel framed buildings with a total floor area of approximately 1200m<sup>2</sup>.

**Lavarack Barracks Q Store for 10 FSB**

Danny was the pavement designer for this project. Approximately 2,800m<sup>2</sup> of external pavement was designed for 50 tonne Kalmar All Terrain container handlers. Pavement was 750mm deep with 80mm thick interlocking pavers on top.

**Lavarack Barracks Swimming Pool and HUET Facility**

This project involved coordinating the mapping of the pool by divers to enable a condition report and specification for repair options to be developed for the pool, pool hydraulics and filtration system and the HUET facility. Each defect and crack in these pools was logged, photographed and recorded by a real time underwater CCTV system. Technical and costing advice on liners and finishes for both pools was provided.

**Townsville Training Area – Sealed Roads TFTA**

Danny was the Project Manager for this project which involved an all weather sealed road from the turn off from the Hervey Range Developmental Road to Sentry Point 2. The road was to have a design life of 30 years. Signage, road markings and road hardware were assessed to comply with all regulatory requirements.

Danny also has the following experience that would be relevant to this project:

- Design Engineer for an existing relocated shed (approximately 7,250m<sup>2</sup>) with upgrade options to suit current standards and proposed location. Shed was designed to accommodate 2/64 tonnes gantry cranes. Options of various hook heights were examined to determine the most cost effective configuration.

**GROGAN RICHARDS, Brisbane****Senior Structural Engineer 2002 - 2003**

- Structural design and documentation of six storey extension to existing 14 storey building in Melbourne Hallmark Apartments.
- Design verification of post tensioned footings for Challicum Hills Windfarm (\$76M).

**PRICE & MYERS, London****Structural Engineer 2000 – 2002**

- Structural design and documentation of Lough Road Recycling Centre for Arsenal Football Club - £22M multi-level waste recycling centre.
- Structural and civil design of Chineham Court office block. Piled four level office block on sloping site (£7M).

**LCJ ENGINEERS PTY LTD, Townsville****Design Engineer 1999 – 2000**

- Site supervision of Medical School buildings, James Cook University.
- QBSA and Defence Housing inspection, assessment and preparation of reports on building distress.

**CONNELL WAGNER, Mackay****Structural Engineer 1995 – 1999**

- Mount Pleasant Shopping Centre, Mackay extension and refurbishment (\$26M).
  - Caneland Shopping Centre, Mackay Stages 3 to 6 extensions & renovations.
  - Mackay Police District Headquarters (\$7M).
  - Capella Aquatic Centre (\$2M).
- Structural design of Sanga Sanga coal terminal, Indonesia.