



## BRITT SHARKEY

### Senior Engineer

#### **Qualifications**

*Bachelor of Engineering 2000  
James Cook University of North Qld  
Registered Professional Engineers of Qld, 16744  
MIE Aust  
Associate Professional Cert, Safety in Design  
Soil Erosion and Sediment Controller - Accreditation No.  
2010-007*

#### **PROFESSIONAL EXPERIENCE**

##### **Project Types**

*Shopping Centres  
Residential Buildings  
Multistorey buildings  
Educational Facilities  
Industrial Developments  
Warehousing Projects  
Commercial Developments  
Sporting Facilities  
Foot-Bridge Construction  
Defence Authority Projects*

##### **Skills**

*Structural steel, timber and  
concrete design  
Industrial and mining  
maintenance management  
Project management  
Contract administration  
Site supervision and inspections  
Tender documentation  
Investigations & reports*

##### **Training**

*Traffic Theory & Applications  
(ARRB Group)  
Level 1 Bridge Inspection  
(ARRB Group)  
Level 2 Bridge Inspection  
(ARRB Group)*

#### **LCJ ENGINEERS PTY LTD** **Senior Engineer 2004 - Present**

Britt has worked on commercial, industrial and medium rise residential apartments and refurbishment projects. She has experience in the design of most building materials including reinforced and precast concrete, hot rolled structural steel, timber and masonry construction.

Britt has the following Defence experience:

**Defence Logistics Transformation program (DLTP) Joint Logistics Unit (NQ), Lavarack Barracks and RAAF Base Townsville.** Britt was responsible for structural components of the project which consisted of the engineering design and documentation of nine (9) new, medium to very large buildings (one shed in excess of 7,000m<sup>2</sup>). Britt oversaw the engineering and drafting and attended design meetings and workshops.

**Lavarack Barracks Enhanced Land Force Stage 2: Additional WONCO LIA.** The project is an extension to the existing LIA units constructed at the WONCO academy. It consisted of 80 new units involving one x two storey building, one x three storey building and associated site works. The buildings were constructed of precast walls and cast insitu suspended slabs.

**Lavarack Barracks Enhanced Land Force Stage 1: Parachute Ground Training Facility.** The project was a new facility with flight and landing training equipment, a parade area and a covered structure over a C130 Fuselage. The facility has a total covered area of approximately 2,300m<sup>2</sup> and was up to 10 metres high in the landing and training area.

**Lavarack Barracks JLU (NQ) Integration with Central Amenities Precinct and Clothing Store.** Master planning feedback returned to Principal Consultant.

**Townsville Field Training Area Load Rating of Nathan Bridge.** Inspection and assessment of the maximum strength of a timber bridge.

**Lavarack Barracks Lithium Battery Storage Facilities.** This project involved the inspection and assessment of the lithium storage facilities in three buildings to determine if the facilities complied with current workplace dangerous goods legislation and defence's lithium battery storage guidelines ALI POL6-7. A summary report and recommendations and costs estimate to upgrade facilities to meet the current requirements were provided in our final report to Defence.

At LCJ Engineers Britt is responsible for the management of technical staff, co-ordination of structural documents and project planning on a wide range of projects. Some of the more significant projects include:

- Enhanced Land Force Stage 1 Joint Logistics Units Clothing Store, Lavarack Barracks – Portal frame construction with provision in end bays and footings for expansion into extra bay.
- Itara Stage 2, Riverway Townsville – Preliminary structural design and planning for 68 units.
- Townsville General Hospital Block C redevelopment – Investigation of existing building for conversion into residential units.
- Mater Misericordiae Hospital medical suites – concrete and steel design.
- Beachside unit development, Magnetic Island – Structural design and documentation of 10x3 bedroom and 10x2 bedroom units.
- St Joseph's School, The Strand – Redevelopment stage one involving structural design and documentation of new building works and alterations to existing.
- Department of Child Safety, Townsville – Structural design and documentation for new building.
- James Cook University Veterinary Science Building, Townsville – Structural design and documentation of two storey tilt up & portal frame building.

**SUN METALS CORPORATION, Townsville**  
**Civil/Maintenance Engineer 2002 – 2004**

**BRAMBLES QUEENSLAND NICKEL, Townsville**  
**Contract Administrator 2000 – 2002**