



## BRITT SHARKEY

### Senior Engineer

#### **Qualifications**

*Bachelor of Engineering 2000, JCU*  
*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*  
*Footbridge 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 and 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 and construction supervision of most building materials including reinforced and precast concrete, hot rolled structural steel, timber and masonry construction.

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

- **Provision of facilities for A9063 Land 4502 Phase 1 Additional CH-47 Chinooks for 5<sup>th</sup> Aviation Regiment at RAAF Base, Townsville** - This project involved the detailed design and documentation of hardstands and access roads, bulk earthworks, drainage and a detention basin.
- **Defence Logistics Transformation Program Joint Logistics Unit (NQ) at Lavarack Barracks and RAAF Base Townsville** – Britt was responsible for the structural components of the project which included the structural design and documentation of nine (9) new medium to large buildings (one shed in excess of 7,000m<sup>2</sup>). She oversaw the engineering design and drafting and attended design meetings and workshops. During construction Britt undertook some site inspections.
- **Enhanced Land Force Stage 2 - Warrant Office and Non-Commissioned Officer (WONCO) Academy (NQ) Living-In Accommodation, Lavarack Barracks** – Review structural documentation of existing units, design check of the structure and completion of modifications to documentation suitable for certification.
- **Culvert / bridge inspections and reporting** – Assessment, analysis and reporting of all culverts and bridges to ascertain their maximum live load capacity. Defence sites assessed included Lavarack Barracks, Townsville Field Training Area, Mount Stuart Training Area, Tully Training Area and Ross Island Barracks.
- **Australian Institute of Marine Science (AIMS) saltwater tanks 1 and 2** – Site inspection, analysis and interpretation of testing results and preparation of report on the condition of the tanks with recommendations for repair or replacement.
- **Palm Creek timber pedestrian bridge, Memorial Gardens, Ingham** - Structural and condition assessment of the bridge.

- **Technology Centre, Calvary Christian College** – Structural advice during the design development stage. Structural design and documentation of the new building.
- **Library building, Calvary Christian College** – Structural design and documentation of this unique architecturally designed library building with space for a small lecture theatre and including external learning spaces.
- **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 including design and construction.
- **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 of new building.

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

Britt worked as a civil / maintenance engineer in industrial / mining applications. In this role Britt gained experience in initial concept planning, developing scope of works, drafting contract documentation and construction supervision with an aim to managing projects to meet operational requirements.

- Tender through to construction of a new covered carpark (\$1.2M).
- Tender through to preliminary construction of a lined stormwater pond (\$3.8M).
- Site supervision of structural modifications to an existing stock storage shed.
- Initial project planning through to completion of repair work to the acid lining of Intermediate and Final Absorption Towers during a planned maintenance shutdown.
- Emergency repair work to main water supply pipe to site.
- Initial concept planning through to completion of an extension to the existing GATX rail system.

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

- Contract administration and management of site Hire Equipment Agreement.
- Preparation of contractual correspondence and report documentation.
- Commercial contract administration.
- Liaising directly with clients to develop reporting systems detailing contractor performance expectations.

