

Shaw Road Industrial Development



Location

Townsville, Queensland

Client

Urbex

Project Dates

2008 - 2016

Project Value

\$6.92 million

Design Fees

\$172,000

Empower Engineers & Project Managers successfully managed a complex development approval process which included flood studies, water quality and trunk infrastructure servicing issues, whilst delivering a quality design in this new industrial precinct.

Overview

Empower was engaged to deliver the master planning, detailed design, documentation and contract administration for a 41 lot, staged industrial subdivision spread across 18 hectares in Townsville, Queensland.

Project scope

The scope of work included the detailed design of earthworks (including re-shaping natural waterway and compensatory cut to fill), storm water, roadworks (including an intersection on Main Roads controlled Shaw Road), water and sewer reticulation, sewer rising main and erosion and sediment control.

Outcomes

- The designs included an innovative use of existing creek pools and detention areas as essential contributors to the water quality discharging into the Bohle River wetlands.
- Through effective project management of constraints, the client was able to achieve a first class presentation of industrial land.
- Due to market conditions a design review for constructability of the project was conducted allowing Empower to work with the client to determine staging, optimising cash flow.