

Bluewattle Estate



Location

Rasmussen, Queensland

Client

Defence Housing Authority

Commencement Date

April 2013

Completion Date

December 2015

Contract Value

\$14.31 million

Overview

BMD Urban was engaged to construct stages 1 – 7 of Bluewattle Estate as well as external intersection works on River Way Drive. Bluewattle Estate is located approximately 20 minutes south-west of Townsville's CBD.

Project Scope

The scope of work included:

- 33,000m³ of bulk earthworks
- 45,000m³ of imported fill
- 12,000m² of pavement works
- an 891 metre block retaining wall
- three kilometres of roadworks
- 1000m² of median infill works
- a retention basin incorporated into canal and wetland works
- a 25ML sediment basin
- trunk mains involving DN375 of DICL Class PN20 = 286 metres and DN300 of PN16 Pressure Pipe Class S2 = 734 metres
- lighting works.

Outcomes

The project achieved 64,000 hours Lost Time Incident (LTI) free.

BMD Urban and the landscaping contractor expedited the construction process by developing a tripartite agreement that enabled works to be conducted concurrently, opening the estate ahead of schedule.

Extensive environmental safety procedures were implemented to ensure damage was not caused to a High Ecological Significance area. A barrier fence was erected to preserve the local trees that were not marked for removal. Contaminated land was identified and remediated to the full satisfaction of the Department of Environment and Heritage Protection.