

Oasis Mission Beach Residential Subdivision



Location

Mission Beach, Queensland

Client

Baracon Group

Project Value

Approx \$6 Million (Stages 1 & 2)

Start Date

March 2008

Office Responsible

Cairns

Responsibilities

Black & More provided civil engineering design services for both the master planning and detail design phases

Project Scope

Oasis Mission Beach is a 16.2ha site located adjacent to Cassowary conservation areas located in North Mission Beach. A conservation area of approximately 2.4ha has been retained between Stages 1 and 2 enabling Cassowaries to traverse the development unimpeded. Integrated walking tracks and an elevated boardwalk links this development directly with the beach.

Black & More has completed master services planning for the entire site and the detailed engineering design and documentation for Stage 1 with construction to commence in early 2008. Engineering services designed as part of the Stage 1 works included:

- Roadworks (Internal roads as well as the upgrading of El Arish – Mission Beach Road);
- Stormwater drainage including network modeling;
- Sewer reticulation;
- Water reticulation including network modeling.

Stage 1 consists of 63 residential allotments designed to retain as much of the existing vegetation as possible. Roadworks and stormwater infrastructure inside the development also were designed to suit the existing natural surrounds. As part of Stage 1, two intersection upgrades on El Arish – Mission Beach Road (which links the Mission Beach community to the Bruce Highway) were designed to Queensland Department of Main Roads standards.



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