

Discovery Park, Helensvale

Helensvale, Gold Coast



Client: Gold Coast City Council
Contract: Schedule of Rates
Total Project Value: \$1.8m
Status: Completed November 2009



PROJECT DETAILS

This project was the construction of the sensitive urban water design train, designed to treat stormwater run off in the Helensvale catchment prior to being released into the Coombabah Wetlands.

The project consisted of:

- Selective clearing of existing native vegetation.
- Two (2) x Bio-Retention Basins constructed to the FAWB Guidelines including two concrete weir structures. This is the first Bio-Retention Basins built to these high standards in the South East Queensland Region.
- One (1) Sedimentation Pond.
- Upgraded rock swale drain through existing sensitive wetlands.
- Extensive turfed flowpaths throughout the Site.

- Approximately 300 lin m of shared bicycle / pedestrian pathways.
- The Construction of three (3) timber bridges.
- Over 500,000 native plantings.
- Approximately 350 lin metres of stormwater drainage was laid as well as associated pits and structures.
- 200 m2 of rock stone pitching designed as a scour protection mechanism.

The project was successfully executed in a popular public thorough fare and also adjacent to nearby residential houses.

Works were completed four (4) weeks ahead of programme and were also delivered under the GCCC's Budget.