

# Everleigh Precinct

Greenbank | Logan Region



## Scope of Works

Everleigh Precinct is a 3,300 lot masterplanned community that covers more than 470 hectares of land at Greenbank. Once completed in 2033, Everleigh Precinct will feature its own collection of community shops, recreational spaces and a new school.

To date, Shadforth have constructed the following at Everleigh Precinct:

- 425,438m<sup>3</sup> - Cut to fill
- 46,634m<sup>3</sup> - Topsoil strip stock pile and respread
- 8,005m<sup>2</sup> - Retaining wall consisting of sleepers and concrete panels
- 34,669m<sup>2</sup> - Asphalt
- 4,090m - Stormwater - Various pipe sizes
- 5,619m - Sewer - Including trunk sewer network, rising main and tankering station
- 3,661m - Watermain
- WSUD area - Including HES basin, bio basins, drainage channel and low flow/high flow outlets
- Major signalised intersection upgrade - Teviot Road / Pub Lane
- Dam Decommissioning - Including relocation of turtles, eels and fish.

## Project Overview

*Client*

**Mirvac**

*Start Date*

**April 2018**

*Completion Date*

**Ongoing**

*Contract Sum to Date*

**\$24.1 Million**

## Shadforth Team

*Construction Manager*

**Michael Bishop**

*Project Manager*

**Leo Copelin**

*Project Engineer*

**David Bugden**

*Site Supervisor*

**Bill Squires**

*Safety Manager*

**Juan Goebel**

*Quality Assurance*

**Callum Watts**

*Environmental Officer*

**Callum Watts**

## MASTERPLANNED COMMUNITY

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### Project Particulars

- Complete rebuild of Teviot Road and Pub Lane intersection whilst maintaining traffic flow with temporary signals
- Management of sandstone rock onsite
- Implementation of onsite water capture and reuse infrastructure
- Community liaison with respect to queries.
- Facilitate client and customer drive around.
- All designs converted to 3D to manage service clashes.
- 3D models showcased through emerging technologies HoloLens and SiteVision
- No design issues on the project.
- Hard rock management including:
  - Trenches
  - Rock Roller
  - Drilling retaining wall footings
- Decommissioning of 168,000 megalitre dam including the capture and relocation of the following aquatic fauna:
  - 405 Macquarie Turtles
  - 42 Saw Shelled Turtles
  - 66 Broad Shelled Long Neck Turtles
  - 237 Longfin Eels
  - 51 Eel Tailed Catfish
  - 5 Spangled Perch
  - 245 Mozambique Mouthbrooder, Tilapia
  - Numerous small bodied native fish including, Empire Gudgeon and Eastern Rainbowfish
- Site clearing and grubbing completed in accordance with Australia Zoo Wildlife Warriors Code of Practice

