

Newhaven Subdivisions

Construction - Land Development

Project

Newhaven Subdivisions, Forrestdale

Client/EPCM

Stockland WA / Wood & Grieve Pty Ltd

Value

\$69,300,000

Description

Ertech has been involved in all construction since commencement. This project included many challenges including high groundwater levels and large scale dewatering together with acid sulphate soil management and treatment.

The Serpentine Truck Main runs through part of the development and Ertech installed a range of services in close proximity. These included:

- Boring sewer beneath the trunk
- Laying shallower services such as water reticulation, gas reticulation, power and communications above the trunk
- Constructing roads nearby

Ertech were involved with considerable landscaping, including a lined ornamental lake and all work to a 15,000m² POS including turf, trees, rock lined water course, gym equipment, barbecues, irrigation and lighting.

Works included:

- 1402 lots
- 124,384m³ earthworks, cut to fill
- 1,301,850m³ imported fill
- 11km of retaining walls
- 19km sewer up to 8m depth
- 31km stormwater
- 23km water reticulation
- 18km common services (water, gas, power, communications)
- 25km roads
- Constructed a Pressure Reducing Valve (PRV) on Serpentine Trunk Main
- 11,000m² lined and landscaped lake

Location

Newhaven Estate is located in Piara Waters, approximately 18km south of Perth, Western Australia.

