

Project Goal **70 Lot Integrated Residential Development**

Client Goodwin Building Services

Location Robertson Road, Mangere, Manukau (2 Sites)

Project Parameters BSCL has taken this project from raw land enquiry to consent approval. Construction will occur summer 09/10 (2nd Site)
 The sites location presented a natural semi-flat ex horticultural site for design.
 Extension of Council infrastructure to the site for sewer and stormwater was complicated as existing pipes were under capacity. A significant length of new stormwater line to reach the site was designed over a distance of 300 metres along a public road and through a neighbouring primary school.

- Services Provided** Provided Solutions for Specialist Reports:
- Arborist report – Protected Tree
 - Topography survey and civil engineering design
 - Full tender and civil contract administration
 - Land Transfer survey & approvals
 - Resource Consent approval
 - Environmental (Soil Contamination) monitoring before and after due to former horticultural use
 - Geotechnical Reports – Imported clay fill
 - Underpin neighbours house due to proximately to new drain
 - Stormwater Treatment and Disposal (ARC Discharge)Overland Flowpath with minimum FFL's

Project Period 2007 - 2010

Project Budget \$30 Million

Civil Budget \$2.5 Million

Works Budget \$0.9 Million

