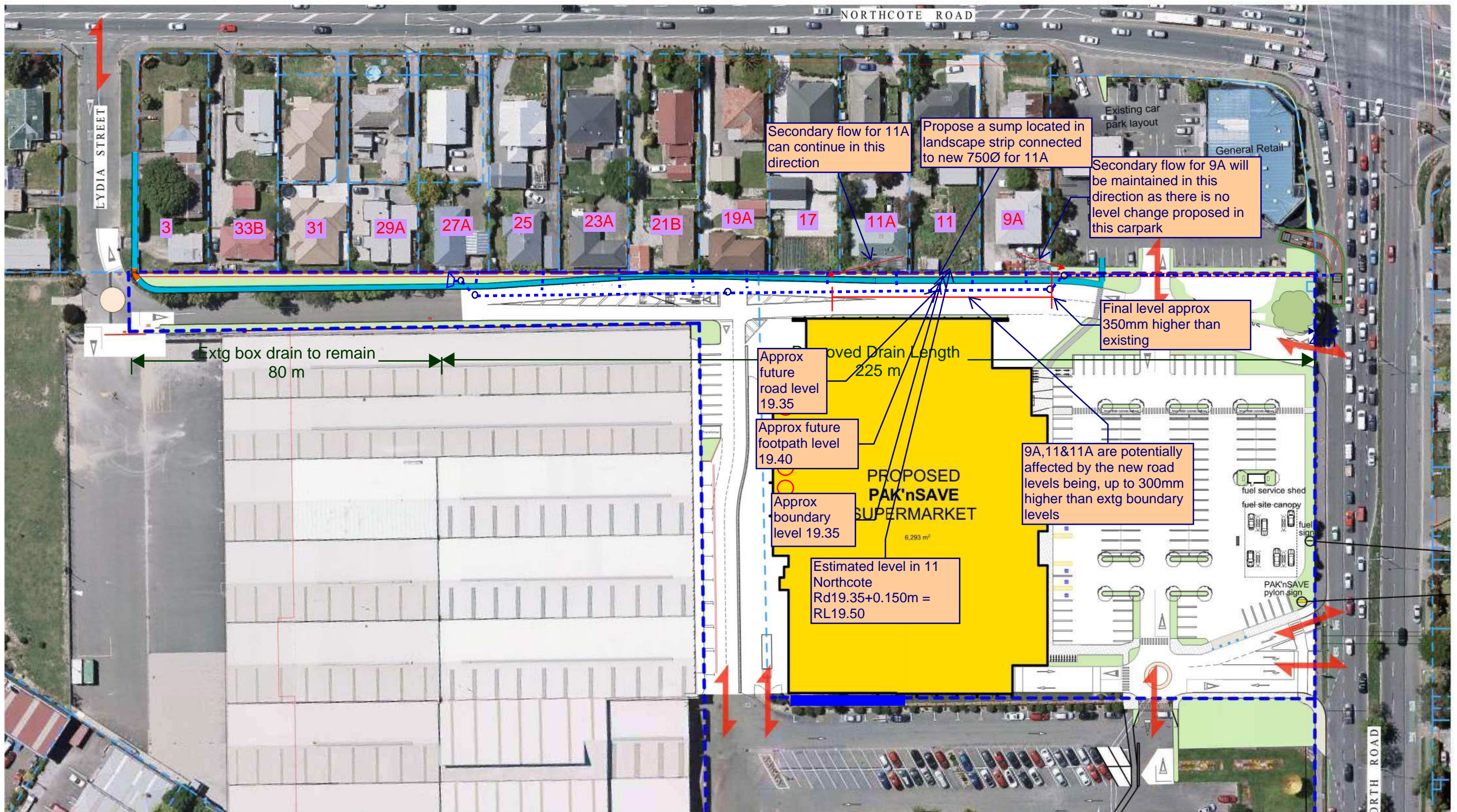




Appendix V

Secondary Flow Paths



Key

- Proposed Boardwalk
- Proposed Asphalt or Concrete Footpath

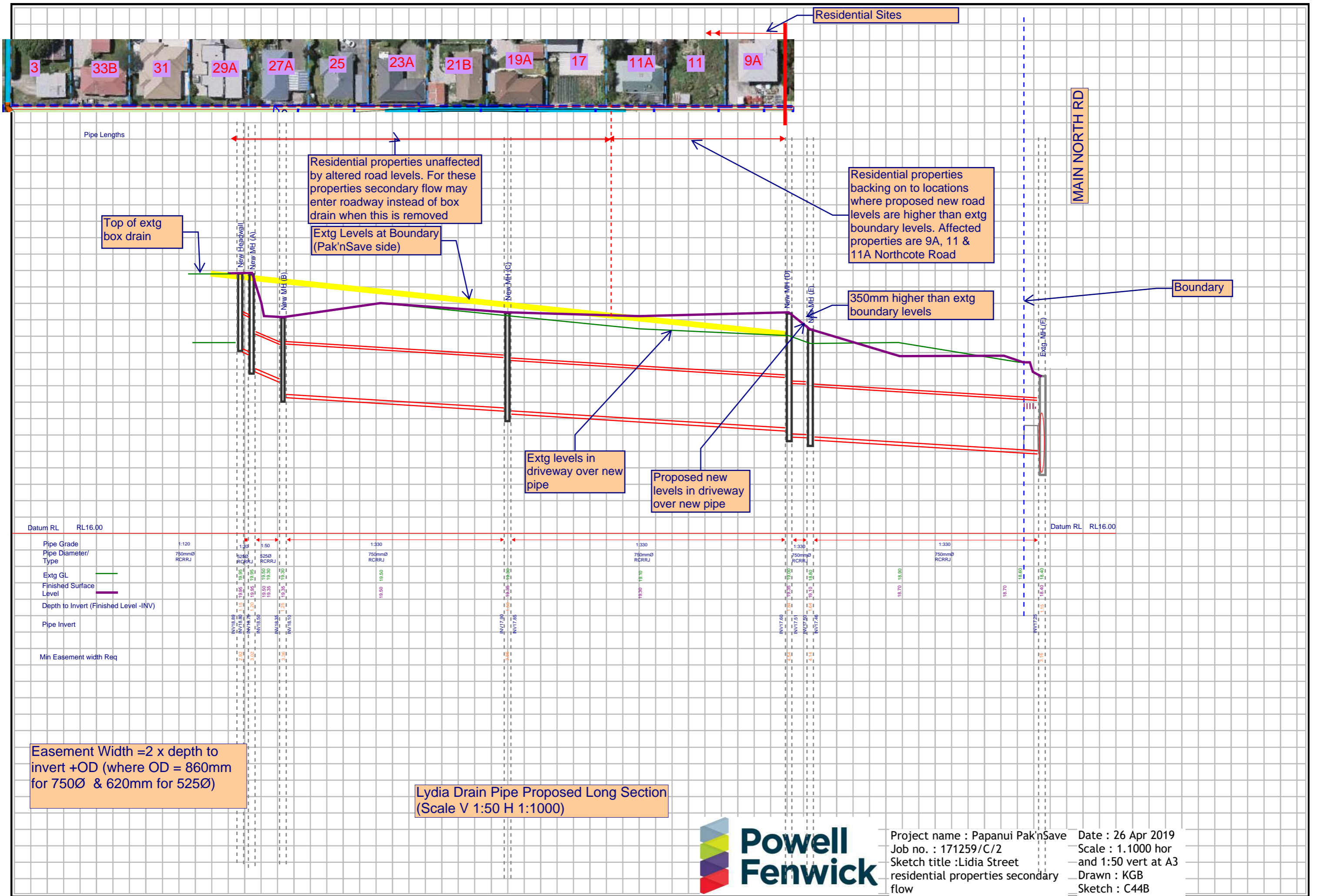


Proposed New Pipework

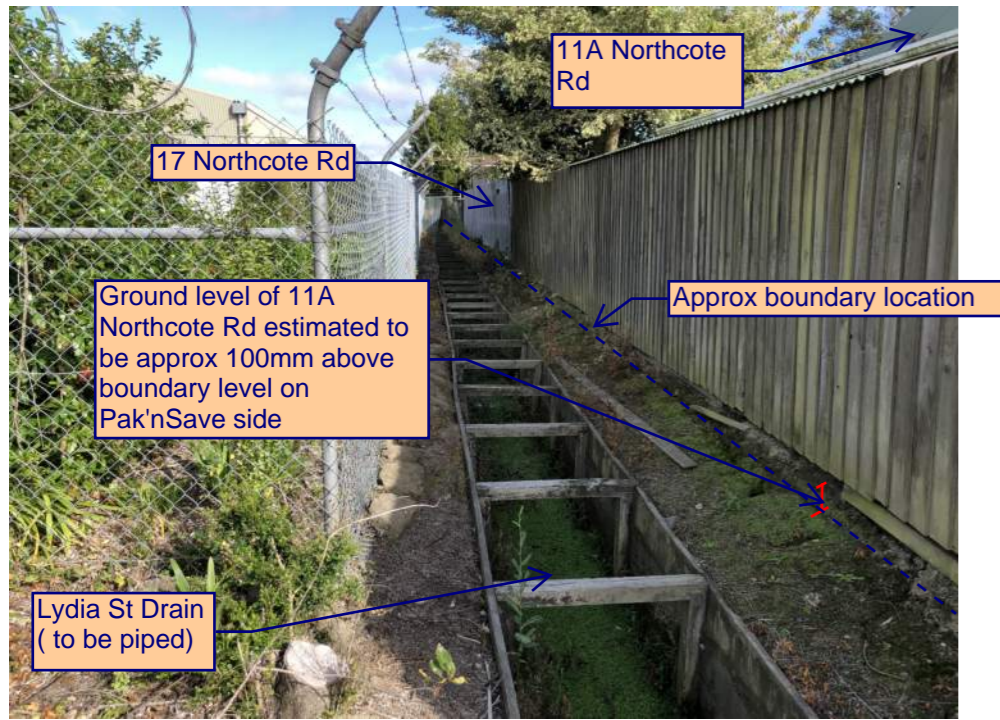


Project name : Papanui Pak'nSave
 Job no. : 171259/C/2
 Sketch title : Secondary Flow affects Lydia St Residential Properties

Date : 26 Apr 2019
 Scale : 1:1000 @ A3
 Drawn : KGB
 Sketch : C44A



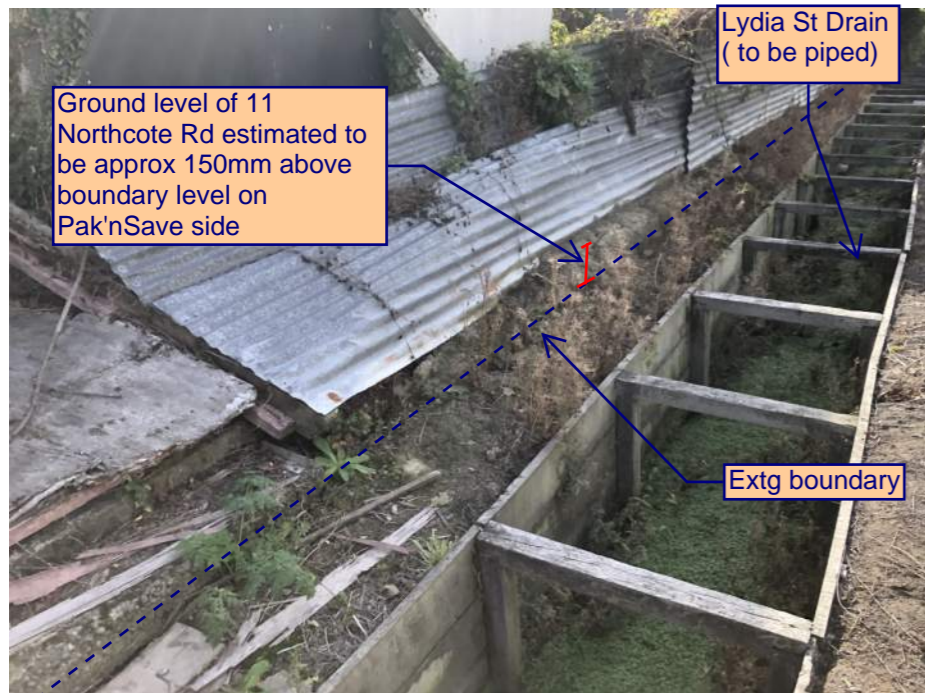
Project name : Papanui Pak'nSave
 Job no. : 171259/C/2
 Sketch title : Lidia Street residential properties secondary flow
 Date : 26 Apr 2019
 Scale : 1.1000 hor and 1:50 vert at A3
 Drawn : KGB
 Sketch : C44B



11A Northcote Rd Extg
Boundary (view looking
west)



17-19A Northcote Rd, Extg
Boundary (view looking
Northwest)



11 Northcote Rd Extg
Boundary (view looking
east)

Flood risk in these private properties is likely to be reduced due to raised ground levels in the site preventing water from the greater FMA entering the sites. Piping also contains the flow in the current open drain meaning it cannot overflow into these sites.

Proposed area for development.
 -Finished floor level and ground levels will be built up, to above 1:200 yr flood event.
 -Proposed Hardstand Area post development will not be significantly increased so no additional stormwater runoff will be generated from the site

Large warehouse (not owned by Foodstuffs)

Carparking area (owned by Foodstuffs)

Foodstuffs Corporate Offices

Retail sites (owned by Foodstuffs)

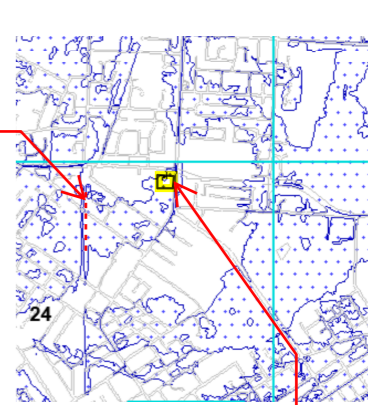
St Bedes School Playing Fields & stream

Extent of peninsular area considered for assessment

Some secondary flow to public road via Foodstuffs owned site





Most secondary flow toward public road

Some secondary flow to public road via Foodstuffs owned site



Site is toward the end of a "peninsular" within the Christchurch City Plan (CDP) FMA reducing the affect of locally raising ground levels within the site. (excerpt taken from CDP FMA)

KEY

-  Christchurch District Plan Flood Management Area (FMA)
-  171 Main North Road (site) Approximate Legal Boundary
-  Development area to be built up higher than 1:200 yr Flood Level
-  Secondary Flow Post Development



Project Name : Papanui Pak'nSave
 Job no. : 171259/C/2
 Sketch Title :Assessment of Effect of Proposed Development on Surrounding Properties from Flood Management Perspective.
 Date : 24 May 2018
 Scale : NTS @ A3
 Drawn : KGB
 Sketch : SK1

