

Memorandum

To: Boffa Miskell Limited
From: Justin Kirkman
Copy: Oranga Tamariki
Subject: Whakatakapoki NoR Application - Stormwater Assessment

Date: 20 February 2019
Our Ref: 3125912

Background

The Whakatakapokai Residence site is designated as a Care and Protection Facility under the Oranga Tamariki Act 1989 (Act) located at 398 Weymouth Road Weymouth. The underlying zone is Residential – Mixed Housing Suburban. An alteration to the designation is being sought now in response to changes to the Act that will come into effect on 1 July 2019.

We understand from the client, that the alteration to the designation will alter:

- The designated use on the site to include the placement of children and young persons in the care or custody of the Chief Executive of Oranga Tamariki;
- To increase the current age limit from 16 years to 20 years (inclusive); and
- To increase the number of children/young persons on the site from 20 to 30 persons (an increase of 10).

The alteration to the designation does not involve any changes or additions to the layout of buildings on the site. This document serves to inform the reader on what stormwater implications are associated with the alteration to designation.

Existing Site Stormwater

The existing site falls from Weymouth Road (northwest) through to the south-eastern border of the site. The site's lowest point is on the southern corner of the site where a carpark is located, currently used for staff parking. Refer to Figure 1 for site topography.

Memorandum

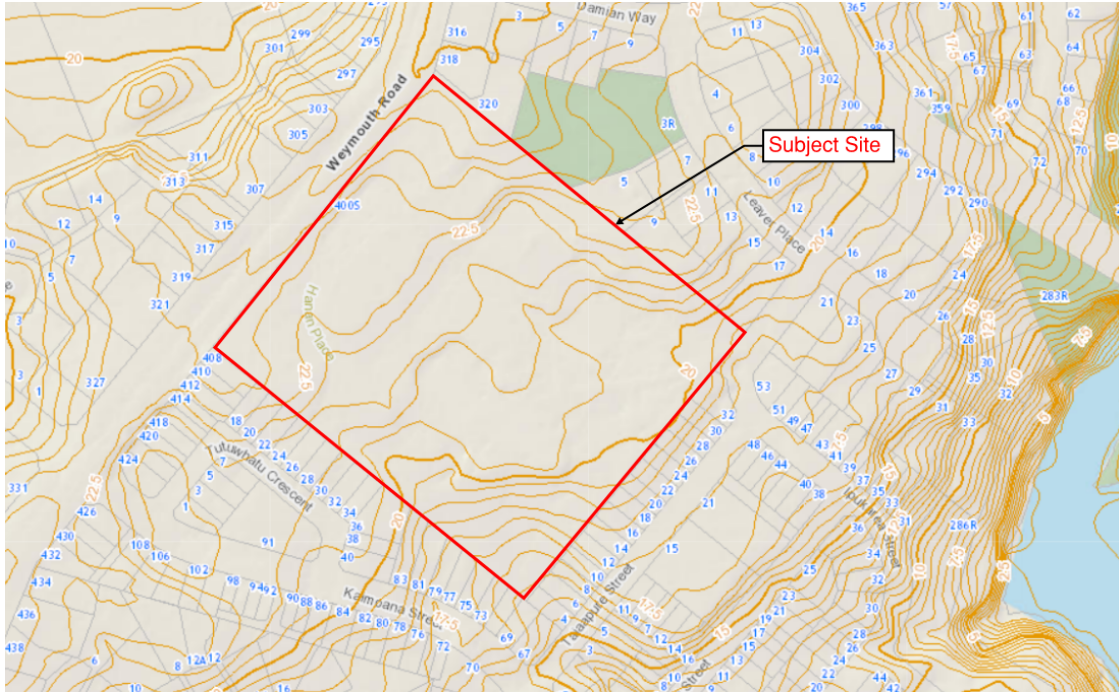


Figure 1: Site Topography (0.5m contours)

The topography of the site generates approximately two main overland flowpaths as shown in Figure 2. The northern overland flow path is directed through the site via a concrete lined channel and is drained by catchpits at two locations. The southern overland flow path follows an internal road via kerb and channel and is drained by catchpits at four locations along the roadway. A double catchpit is located at the low point on the site within the carpark at the southern corner.

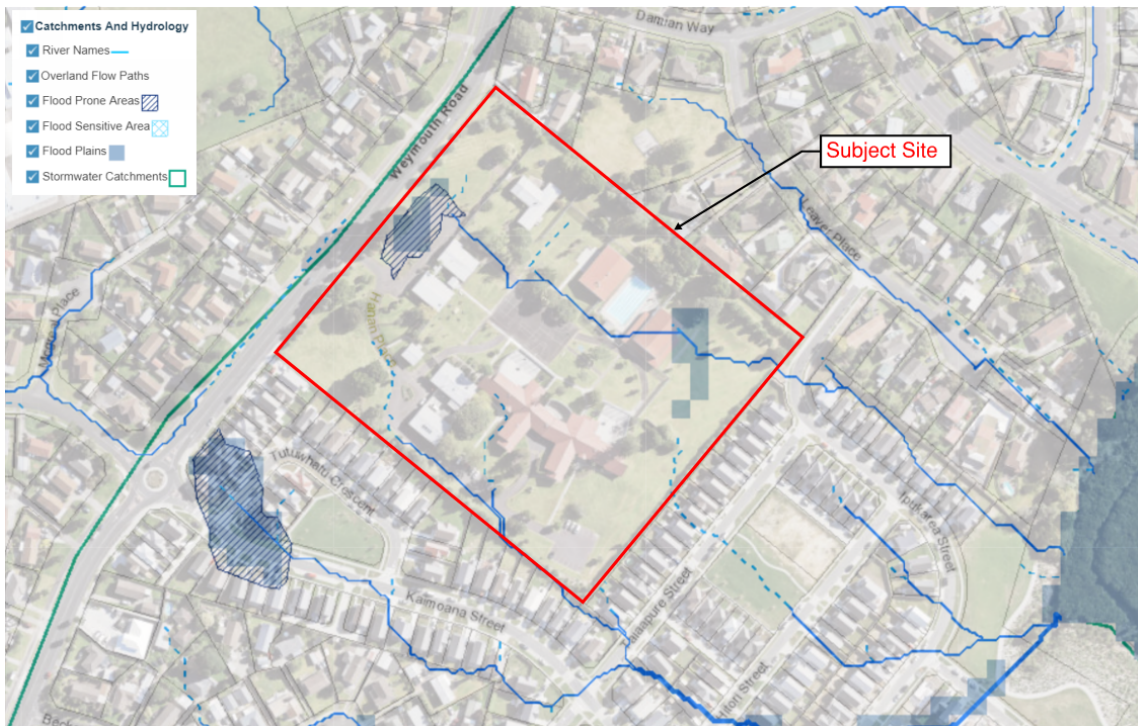


Figure 2: Auckland Council GIS record of overland flowpaths.

