

28 February 2024

69A Main Road  
Tirau  
3410

To Whom it may concern

This Cover letter highlights the management of the stormwater flooding for 69A Main Road, Tirau. As per DHC flood report, an analysis of the existing catchment had been calculated to assess the flow of the OLFP. This calculation has been based on the 100-year rainfall event. DHC had therefore considered redirecting the existing OLFP through the site based on DHC proposed site levels plan (C300 Drawing). Based on DHC C300 drawing, the entry and exit points of the OLFP have been maintained to ensure the existing flow path enters and exits the site with no changes. The Entry point has been maintained by ensuring the proposed site level for the entry of the OLFP is lower than the neighbouring property. The exit point has no issue as the proposed level is higher than the neighbouring side at which the OLFP exits the site. The runoff from the OLFP has been proposed to run against the southeastern boundary along the kerb and channel. As seen on DHC drawings the slope and proposed contours for the carpark area are pushing the surface water to the southeastern end of the boundary and away from the proposed building at the bottom of the site. The Southeastern end of the proposed building has also been proposed with an internal Nib Wall water proofing protection to be protect the building from any risk of water ingress damage.

Therefore, with this proposed design, the OLFP has been designed to enter at the existing entry point and run through the southeastern boundary of the site and exit at the existing exit point of the subject site.

Refer to sketch - C300 DHC for the management of the stormwater flooding showing the path of the OLFP.

Warm regards,

**Nigel Fernando**

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