

Civix Limited  
Level 1, 87 Albert St  
Auckland Central, Auckland, 1010

14 September 2021

## 1 Selfs Road, Mangere - Government Fast Track Application – Civil Engineering

To whom it may concern,

This letter has been written to provide comment on Civil Engineering matters relevant to the Fast Track Application for 1 Selfs Road, Mangere. Discussed in this letter are Earthworks, Roading and 3 Waters Servicing for this proposed development.

We are currently undertaking earthworks modelling for the site based on a 115 unit development proposal. Our initial assessment is that compliant accessway grades and cross-sections can be achieved within the site and that the development layout proposed can be achieved with reasonable earthworks and retaining.

As shown in the online GIS maps system, no floodplains or significant overland flow paths (catchment > 4,000m<sup>2</sup> as per Chapter J1 Definitions in the Auckland Unitary Plan) are shown on the site.

Stormwater, Wastewater and Water Supply servicing for the site are available via the existing public networks adjacent to the site. We are currently working through capacity assessment for the surrounding networks. Our initial results indicate some local asset upgrades located within the road reserve adjacent to the site being required but no significant downstream network upgrades have been identified. In our opinion the site can be servicing without major network upgrades downstream.

Should you have any questions in relation to any of the above, please feel free to contact the undersigned on 0274550934 or via email [marcus@civix.co.nz](mailto:marcus@civix.co.nz).

Kind Regards,

Written By:

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