

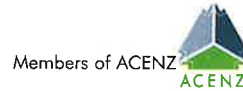
31 July 2017

In all correspondence please quote our ref : 14221/1

Auckland Council
Private Bag 92 300
Victoria Street West
AUCKLAND 1141

Attn: Viren Sharma

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Dear Viren,

RE: ALTERNATIVE OPTIONS FOR PUBLIC DRAINAGE TO SERVE 54 CLEVEDON ROAD, PAPAURA

As requested, we wish to confirm that before we requested Council to negotiate right of entry on our behalf, we looked at alternative options. The three options explored are enclosed.

Option One involved crossing Shirley Avenue and three properties to connect to the existing public line. This option was discounted due to the degree of difficulty in the works and dealing with three owners rather than one.

Option Two involved the extension along Shirley Avenue. This involved placing a manhole within the carriageway and an extension within Shirley Avenue. This option was discounted due to the distance and cost as well as the need to place a manhole within the carriageway.

Option Three involved an extension through 1 and 1a Alma Crescent. This site has recently been developed and we do not believe this was a practical option with two owners to negotiate with and newly landscaped properties.

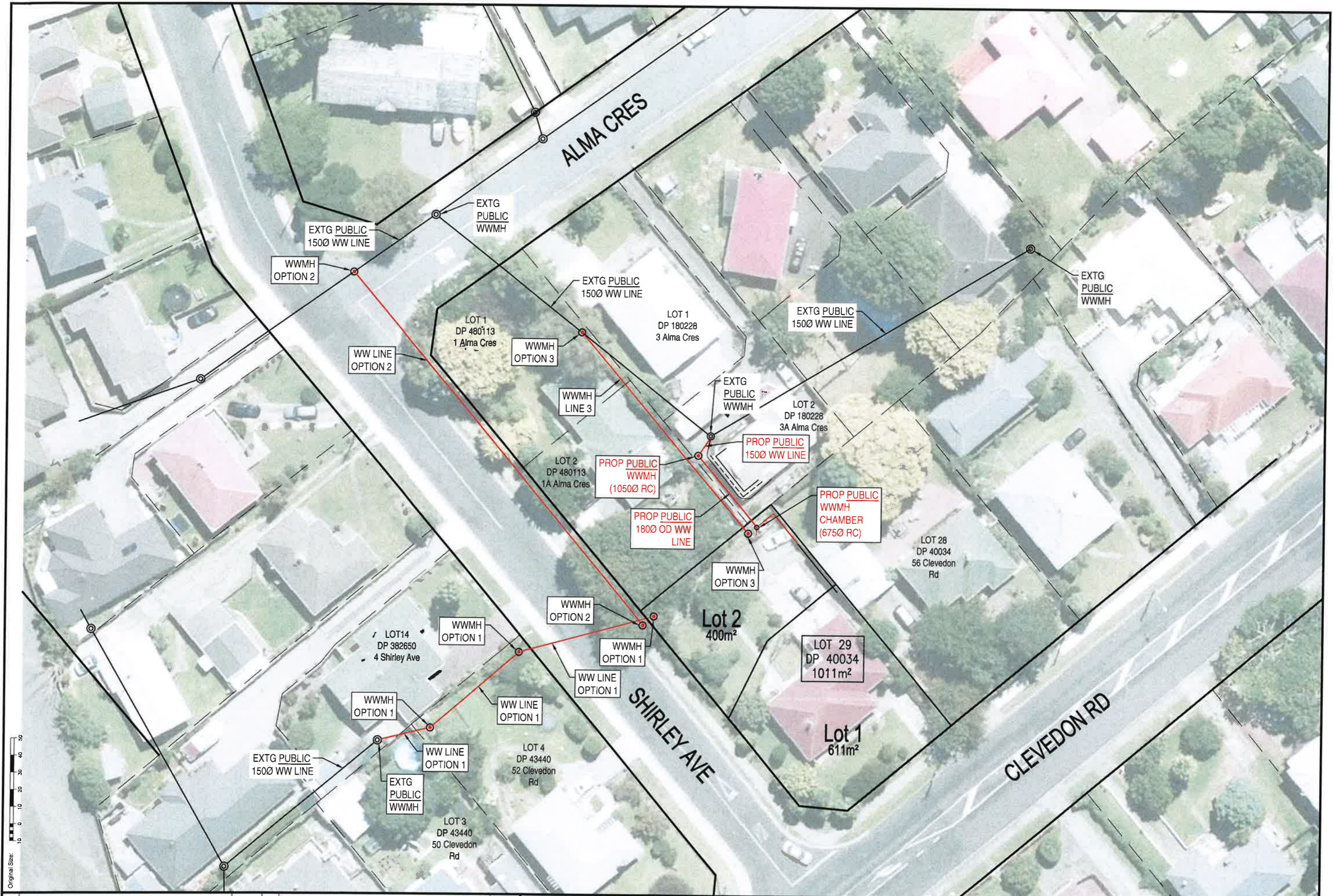
In conclusion, three alternative options were explored. The fact remains that there is already a private line within 3a Alma Crescent and we are trying to upgrade this to a public line.

We trust the enclosed confirms to you that the option of upgrading the line within 3a Alma Crescent is the most appropriate. Please do not hesitate to contact us should you have any queries or require further information.

Yours faithfully


I.H. GIBSON
Director

CPEng(NZ) MIPENZ (Civil/Structural) IntPE(NZ) BE (Civil)
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<table border="1"> <tr> <td>No.</td> <td>Revision Details</td> <td>Date</td> <td>No.</td> <td>Revision Details</td> <td>Date</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>		No.	Revision Details	Date	No.	Revision Details	Date							Design: I H GIBSON (HOWICK PH534 6523) Survey: EASDALE SURVEYORS LTD Drawn: BTS Checked: IHG Date: 31/07/17 Scale: A3 1:500 CAD Filename:	Job Title: PROPOSED PUBLIC WW DRAINAGE WORKS FOR NAIR 54 CLEVEDON ROAD PAPA KURA	FINAL	Engineering Approval	Drawing Title: SITE PLAN - ALTERNATIVE WASTEWATER OPTIONS	File No: A14221/1	Rev. No.: -	Dwg No.: 3
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