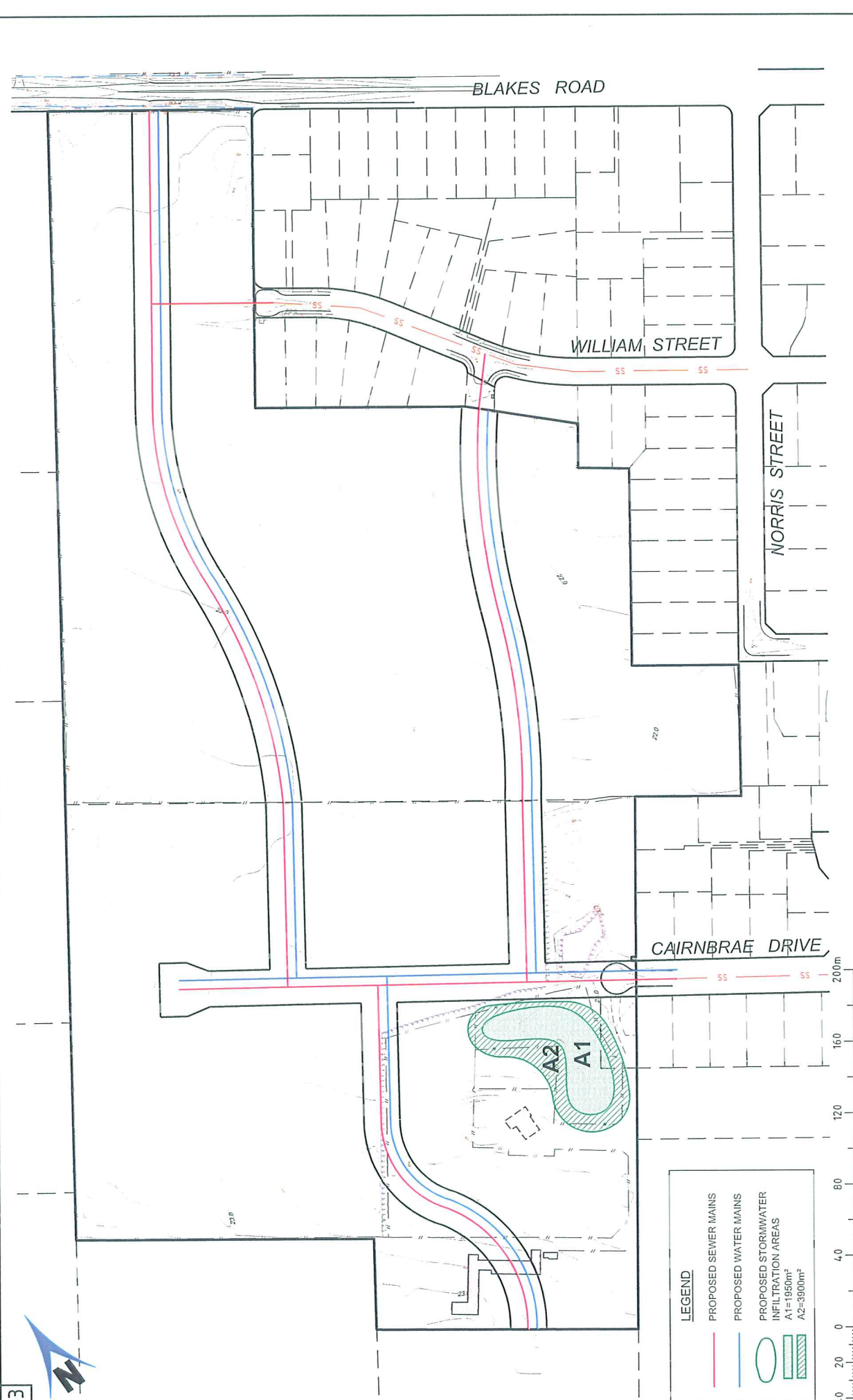
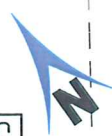


Appendix C

Preliminary Servicing Plan

A3



LEGEND

- PROPOSED SEWER MAINS
- PROPOSED WATER MAINS
- PROPOSED STORMWATER INFILTRATION AREAS
- A1=1950m²
- A2=3900m²

SCALE 1:2000		Project		Drawing Title		Client File No	
A 02/08 Rezoning Report		M & N COFFEY & WILLIAM BLAKE LTD		PREBBLETON REZONING		29731	
Rev	Date	By	Ver	App	Surveyed	Signed	Date
					Designed	TU	11.07
					Drawn	RD	11.07
					Verified	MF	11.07
					Approved	MF	11.07
A 02/08 Rezoning Report		TU	MD	MF	Scale	1:2000@A3	Box
					Drawing No	C 02	A

Connell Wagner

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Appendix D

Correspondence with Selwyn District Council



HIGH STREET, LEESTON
PRIVATE BAG 1, LEESTON
PH: (03) 324-8080 FAX: (03) 324-3531

REF No.

18 October 2007

Mr Tim Ure
Connell Wagner
P O Box 1061
CHRISTCHURCH

CONNELL WAGNER LTD.		
DATE	FILE	
23 OCT 2007		
PROJ. DIR.	ACTIONED	DATE
TWU		
NARRATION		

Dear Tim

Please find below a response to your general questions.

1. a) Christchurch City Council Standards, NZS 4404 and local interpretations are made in providing services. This includes connection drawings that Council staff utilise. Connell Wagner will be aware of this approach via other developments they have been involved in e.g. Rolleston, Lincoln.
- b) An additional bore would be required at the location which is yet to be determined. This may well be in an area to the south of Shands and Blakes Road.
2. The Prebbleton scheme is effectively closed and I am currently developing a strategy and scheme design to cater for growth identified under the Greater Christchurch Urban Development Strategy Process.
3. With respect to the remaining question:
 - a) I do not believe that the most effective disposal point will be via Cairnbrae subdivision. In fact no pumpstation exists there. It may well be that a pumpstation is located near Trents Road.
 - b) Your first step is to confirm capacity of surrounding available stormwater discharge points. Once completed and provided to me I will be able to assess possible options including yours for stormwater disposal.
 - c) As above please complete a capacity assessment.

Yours faithfully

H Blake-Manson
ASSET MANAGER UTILITIES

SERVICE CENTRES:	LEESTON HIGH STREET, LEESTON PH: (03) 324-8080	DARFIELD SOUTH TERRACE, DARFIELD PH: (03) 318-8338	LINCOLN GERALD STREET, LINCOLN PH: (03) 325-3288	ROLLESTON COMMUNITY CENTRE ROLLESTON DRIVE, ROLLESTON PH: (03) 347-9669
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2 October 2007

Hugh Blake-Manson
Asset Manager Utilities
Selwyn District Council
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LEESTON

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195 Hereford Street
(PO Box 1061)

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www.conwag.com

Christchurch New Zealand 8140

Dear Hugh

Proposed Prebbleton Rezoning

As per our telephone conversation earlier last month, a client has approached Connell Wagner, looking to rezone Lot 105 DP 331951 and Part Lot 4 DP 24908 (refer to attached plan) to develop approximately 200 additional residential lots within Prebbleton township.

Our telephone conversation last month discussed servicing issues related to both sewage and water. It would be appreciated if we could obtain a letter from the Selwyn District Council discussing the infrastructure required in order to service such a subdivision.

Connell Wagner telephone records include the following points as discussed in Sections 1 and 2:

1. Water

The design of any new water reticulation within the Prebbleton township is to be in accordance with the CCC infrastructure design standards.

An additional bore would be required in order to service the subdivision.

Selwyn District Council (SDC) have access to a bore located on Blakes Road which could be brought on line relatively quickly provided the SDC obtained development contributions in order to do so.

2. Sewer

The design of any new sewerage reticulation within the Prebbleton township is to be in accordance with the CCC infrastructure design standards.

Prebbleton has 906 sewer connections which discharge to the CCC sewerage reticulation. All of these connections have been allocated. The Prebbleton scheme is therefore effectively closed to further connections.

SDC is currently developing a Wastewater Strategy for Prebbleton and other surrounding towns which will be available for public review by the end of October 2007.

3. Additional Clarification Required

In addition to the above discussion, it would be appreciated if SDC could provide some indication for the following questions:

- Whether upgrades to the gravity sections of sewerage pipeline from Cairnebrae Drive to the SDC pump station would be required to allow for an additional maximum sewage flow of 7l/s from the subdivision?
- Whether SDC would accept treated stormwater into the capped stormwater main located at the termination of Carinbrae Drive? It is understood that resource consent would be required for a discharge to the surface water body at the outlet to this drain.
- Does SDC have any opinion as to the maximum flow rate stormwater can be discharged to this stormwater pipe given that it discharges into an existing main located under Springs Road?

If you have any questions, please don't hesitate to contact the undersigned.

Yours sincerely

Tim Ure
Civil Engineer

Enc: Draft Development Layout Plan

Appendix E

Photographs of Site



Photo 1 – Photograph looking north-west from south-east corner of Part Lot 4 DP24908



Photo 2 – Photograph looking north-west from south-east corner of Lot 105 DP331951



Photo 3 – Photograph looking south-east from termination end of Cairnbrae Drive