

Land Information Memorandum

L220895

Application

56 RiverstoneNo.L220895Calder and Co. ResidentialApplication date7/06/22149 Victoria StreetIssue date14/06/22Christchurch 8013Phone-

Fax -

Property

Valuation No. 2405535329

Location 56 Riverstone Drive, Rolleston

Legal Description LOT 18 DP 510089

Owner Nomdo Amy Lee : Nomdo Ulrich Karl

Area (hectares) 0.0653

The certificate of title submitted with this application, shows easements, covenants, encumbrances or caveats registered on the title, for further information a copy of these can be obtained from Land Information New Zealand 112 Tuam Street.

Rates

Rateable Value

The date of Selwyn's last General Revaluation was 1/09/21. For further information please contact Council's Rates Department.

Revaluation Year	2021
Land	\$415,000
Capital Value	\$860,000
Improvements	\$445,000

Current Rates Year 2021 to 2022

Annual Rates \$3,611.95
Current Instalment \$913.40
Current Year - Outstanding Rates \$866.85
Arrears for Previous Years \$0.00
Next Instalment Due 15/06/22

Next Revaluation Due 2024.

The rates listed for this property are correct as at the date of this report being issued.

If this property is vacant land, and the applicant intends building a house or making other improvements, additional rates and charges will be added. Such rates and charges are for the operation of the District

libraries, local community centre and recreation reserves, sewerage and water systems and refuse collections and recycling.

If a ratepayer in the district purchases additional properties, that ratepayer maybe eligible for certain rating exemptions due to multiple ownership. The exemptions would only apply to uniform library charges on bare land blocks and an exemption from the uniform annual general charge if contiguous or same use land is purchased.

Please contact the Councils rates team if you require clarification on 0800 SELWYN (735 996).

Note: Rates are charged in four equal instalments for the period commencing 1 July and ending 30 June each year.

Planning/Resource Management

Operative District Plan Zoning:

Rolleston Living 1

The Council has undertaken a review of the Operative District Plan and through this process it has developed a Proposed District Plan which provides clear objectives, policies and rules to manage the effects of land use activities on the environment, but also sets a clear direction for our district's development and reflects our communities' needs and expectations. It also incorporates any changes in legislation, national and regional policy statements, environmental standards and other regulations.

As a result, some of the Proposed rules apply from the date of notification – 5 October 2020. These are generally rules that relate to the thigs we look after, like listed historic notable trees, Sites and Areas of Significance to Māori, indigenous biodiversity and provisions associated with protecting the natural character of surface water bodies. In some cases, resource consent may be required under either or both the operative and proposed district plans.

Your current property zoning may also change as a result of the District Plan Review and the bulk and location requirements for your zone may also change, therefore we recommend you read the Proposed District Plan in full to see what the potential impacts may be.

The Proposed District Plan can be viewed in ePlan format at:

www.selwyn.govt.nz/proposedplan

Alternatively a summary guide which outlines the key changes between the Proposed and Operative plans and more information about the District Plan Review process can be found at:

www.selwyn.govt.nz/districtplanreview

Please note this information is subject to change following the close of submissions and decisions/appeals

7/11/16 Resource Consent 165605

To Carry Out Subdivision Creating 24 Lots.

Section 224 Issued 8/08/17

Granted By Local Authority Officer 23/11/16

16/05/16 Resource Consent 165257

To Subdivide To Create 24 Residential Lots Plus One Utility Lot

Withdrawn 9/06/17

Granted By Local Authority Officer 19/10/16

10/01/06 Resource Consent 065009

Subdivision Of 4 Ha Zoned Living 2a Into 4 Lots With An Average Of 1 Hectare

Section 224 Issued 26/10/07

Granted By Local Authority Officer 19/06/06

Planning Note

Please note: The information provided on this LIM has come from the information lodged against the property file/information and GIS at the time of processing. Please note that the resource consents listed are based on what is available on our general property information, and there may be other resource consents for the property which have not been added to the property record.

There is a consent notice on the Certificate of Title to this property.

Reference Plains Flood Management Overlay

the potential effects of Natural Hazards such as flooding, tsunami, wildfire and geotechnical hazards such as land instability, liquefaction and fault lines on properties across the District. This property is identified by the Proposed District Plan as being located within a Natural Hazard Overlay. For further information visit https://apps.canterburymaps.govt.nz/SelwynNaturalHazards/ or contact the duty planner.

Building

8/09/17 Building Consent 171688

4 Bedroom Domestic Dwelling With Attached Garage

Code Compliance Certificate Issued 23/04/18

Buildings erected prior to 1965 may not have a building permit record or had inspections carried out.

All building products and materials have a designed life, and must be maintained in accordance with the manufacturer's specifications.

In the case of building permits and building consents no further inspections have been carried out by the council since these structures were completed.

Any concerns of this nature should be referred to an organization that carries out property checks or the product manufacturers.

Schedule 1 Exempt Building Work

Under section 42A of the Building Act 2004 building owners can carry out certain types of building work specified in Schedule 1 of the Building Act 2004 without need to obtain building consent approval. Where Council holds any information provided by a property owner in relation to exempt works undertaken on the property it is important to note that Council do not check or review the documentation for compliance, it is simply filed for record keeping purposes and not to satisfy any statutory obligation. Any information held of this nature has been provided at Councils discretion under Section 44A (3) of the Local Government Official Information and Meetings Act 1987 without any representation or warranty.

Services

Water This property is connected to the Rolleston Water Supply. Water is metered.

This property has metered water supply connected to the Rolleston Scheme. For any further information, please contact water.services@selwyn.govt.nz.

The Selwyn District Council Water Bylaw 2008 is applicable. A copy can be found at http://www.selwyn.govt.nz/your-council/bylaws/current-bylaws

Please note this property has a water meter and charges are a rate which are payable by the property owner. Therefore, please ensure a meter reading is requested on settlement so you are not liable for previous owner's water charges. Solicitors must ensure that when settling rates with Council on the sale of a property that water meter charges are also included in the settlement calculation.

The water supply is metered and billed 6 monthly for every cubic meter of water used.

Commercial properties are required to have an RPZ backflow device. This must be installed just inside the boundary of the property at the point of water supply – this backflow device will be owned by the property owner and will be maintained under the building compliance schedule in addition to any other on site backflow devices deemed necessary by the building department.

If, during a Civil Defence emergency event the water supply is not operational, Council's immediate focus for its staff and resources will be to bring the supply back into operation. Depending on the size and scale of the event, it may be difficult to meet everyone's needs so property owners are asked to take personal responsibility for drinking water.

As a precaution, the Council would also recommend from a drinking water perspective that a property owner also has bottled water available to meet their immediate drinking water needs of all individuals living on the property for a 72hr period (the recommended amount is 4 litres of water per person per 24hrs).

For those properties not connected to a Council reticulated water supply, it is encouraged that the quality of the domestic water supply be regularly tested to ensure that it is to a potable standard. If the same water supply is also used for irrigation or stock water, check that there is a backflow protection device to prevent any contamination of water supply.

Sewer This property is connected to the Rolleston Sewer Scheme

Stormwater to Soakholes

This property may be located within an area covered by Environment Canterbury stormwater consent. It is the responsibility of the property owner to contact Environment Canterbury customer services to ensure that any activity undertaken on site complies with the relevant consent conditions.

Note – the above describes the current roof water disposal type and does not reflect the future situation, which should be determined as part of the subdivision (if applicable). For more information please contact Council.

If you have any questions about the Water, Sewage or Stormwater information above please contact the Selwyn District Council Water Department at 0800 SELWYN or contactus@selwyn.govt.nz

Kerbside Waste Collections Council refuse, organic and recycling collection is available Friday.

The Council provides refuse and recycling collection services for most residential and rural residential properties where these properties occur alongside maintained public roads. Private roads and Right of Ways (as maybe referenced in the Transportation Notes pertaining to this LIM) will not be directly serviced as these access ways are not usually of a sufficient standard to be used safely and efficiently by the collection vehicles. This could also apply to other public roads or streets that are narrow and/or have a lack of vehicle turning facilities. Rural and high country areas and settlements are not covered by regular collection services however localised refuse drop off facilities maybe available for use in specific areas. For further details and advice on refuse collection and recycling services as they may pertain to the property please phone the Council's Asset department on phone 3472 800.

Copy of drainage plan attached.

Land and Building Classifications

Archaeological Sites: None known Historical Places: None known Historical Trees: None known

Land Notes: The flight paths for the Christchurch International Airport takes air traffic over this general area.

Land Notes: Council holds the following reports Geotech report and PSI Report Please contact our Information Management Team at Information. Management@selwyn.govt.nz for further information.

Land Notes: This property is located within the area encompassed by the Greater Christchurch Urban Development Strategy (UDS). The UDS is a joint initiative to plan and manage the growth of the Greater Christchurch Region over the next 35 years and is a partnership between the Christchurch City Council, Environment Canterbury, the Waimakariri District Council, Selwyn District Council, and the New Zealand Transport Agency.

The Selwyn District Council is developing a number of strategic documents that seek to implement the UDS that may have an impact on this property in the future. Further information on Council projects can be found on the Council's website www.selwyn.govt.nz or by contacting the planning department on (03) 347 2868.

Land Notes: This property is within the area encompassed by the 2007 Christchurch, Rolleston and Environs Transportation Study (CRETS). The published Strategy outlines a range of strategic transportation initiatives to cater for long term growth in this area of the District. This includes the upgrading of existing roads and the provision of new roads which may affect private property. Further information on this Study can be viewed on the Councils website www.selwyn.govt.nz under "Transportation and Roading".

Listed Land Use Register (LLUR):

Hazardous activities and industries involve the use, storage or disposal of hazardous substances. These substances can sometimes contaminate the soil. Environment Canterbury identifies land that is used or has been used for hazardous activities and industries. This information is held on a publicly available database administered by Environment Canterbury called the Listed Land Use Register (LLUR). The Selwyn District Council may not hold information that is held on the LLUR, therefore, it is recommended that you check Environment Canterbury's online database at www.llur.ecan.govt.nz.

Residential Swimming Pool

No pool registered to this property.

Land Transport Requirements

Riverstone Drive is a formed and sealed local road maintained by Selwyn District Council.

This property maybe effected by proposed roading and access changes relating to the Waka Kotahi NZ Transport Agency Rolleston Flyover and State Highway Access Improvement Project. Further information and contact details can be found at www.nzta.govt.nz/rollestonflyover

Special Land Features

	NZS3604:2011	AS/NZS1170:2002
Wind Region	A	A7
Snow Zone	N4	N4 SUB-ALPINE
Earthquake	Zone: 2	Z Factor: 0.3
Approximate Altitude (Amsl)	45 M	
Exposure Zone	В	

Exposure Zone Descriptions

Zone B: Low

Inland areas with little risk from wind blown sea-spray salt deposits

Zone C: Medium

Inland coastal areas with medium risk from wind blown sea-spray salt deposits. This zone covers mainly coastal areas relatively low salinity. The extent of the affected area varies significantly with factors such as winds, topography and vegetation.

Zone D: High

Coastal areas with high risk wind blown sea-spray salt deposits. This is defined as within 500 m of the sea including harbours, or 100 m from tidal estuaries and sheltered inlets.

Flooding: Flood Management Area - 500 year event

The Council is undertaking a District Plan Review and through this process the Council has obtained and holds information showing that this property may be susceptible to flooding from the Selwyn River and/or in heavy rainfall events. The two reports are outlined below and can be found at

https://apps.canterburymaps.govt.nz/SelwynNaturalHazards/:

ECan report R19/41 – Selwyn River/Waikirikiri floodplain investigation. The report identifies areas that may be affected by flooding from the Selwyn River/Waikirikiri.

DHI Water and Environment Ltd report – Regional Policy Statement Modelling for SDC – District Plan. The report identifies areas that may be affected by flooding in heavy rainfall events in the Selwyn District. For more information please contact the Selwyn District Council: phone: 0800 SELWYN (735 996), email contactus@selwyn.govt.nz or visit 2 Norman Kirk Drive, Rolleston.

Alluvion: None known Avulsion: None known Erosion: None known Land Fill: None known

Hazardous Contamination: None known

Slippage: None known

Ground Water Level: Less than 30 metres below ground

Soil Type: Lismore stony silt loam

Liquefaction and Subsidence: Council does not hold site specific information on subsoil classifications or ground bearing capacities. Therefore the applicant will need to carry out site subsoil investigations to verify 'Good Ground' can be achieved on the site and to determine the subsoil classification in accordance with NZS1170. Verification of site investigation data will need to be submitted as part of the documentation for Building Consent.

The definition of 'Good Ground' can be found in the Definitions section of the NZ Building Code Handbook, and appropriate test methods are detailed in either NZS3604, or NZBC B1/VM4.

Licences/Environmental Health

Vehicle Crossing VX181113

VX - Final Surfacing 20/08/18

Network Utility Operators

Information related to the availability of supply, authorisations etc. (e.g. electricity or gas) can be obtained from the relevant Network Utility Operator.

Other Information

- 1. The applicant is advised that the Environment Canterbury may have other information in relation to this property including, but not limited to:
- a) Discharge consents.
- b) Well permits.
- c) Consents to take water.
- d) The existence of contamination and/or hazardous sites.
- e) Flooding.
- f) Clean air discharge compliance.

Further information may be obtained from Environment Canterbury by requesting a Land Information Request (LIR). To find out more contact the Environment Canterbury on 0800 ECINFO (0800 324 636) or at http://www.ecan.govt.nz/

2. The following further information is supplied on the basis set out in note 2 below.

Notes

- 1. The information supplied in the sections of this report, other than 'Other Information', is made available to the applicant pursuant to Section 44A(2) of the Local Government and Official Information Act 1987 by reference to Council files and records. No property inspection, or title search, has been undertaken. To enable the Council to measure the accuracy of this LIM document based on our current records we would appreciate your response should you find any information contained herein which may be considered to be incorrect or omitted. Please telephone the Council on 0800 SELWYN (375 996).
- 2. The information or documents supplied to the applicant and referred to in the 'Other Information' section of this report has been supplied to the Council by property owners, their agents and other third parties. That information is made available pursuant to section 44A(3) of the Local Government and Official Information Act 1987 on the basis that:
 - a) The information may be relevant to the purposes for which this report is obtained;
 - b) The Council does not warrant or represent the accuracy or reliability of the information. If the subject matter of that information is important to the applicant it is recommended that relevant professional advice should be taken before reliance is placed upon that information.
- 3. The information included in the LIM is based on a search of Council records only and there may be other information relating to the land which is unknown to the Council. Council records may not show illegal or unauthorised building or works on the property. The applicant is solely responsible for ensuring that the land is suitable for a particular purpose.

4. Schedule 1 Exempt Building Work

Building owners can carry out certain types of building work without needing to obtain a building consent. This exempt building work is listed in Schedule 1 of the Building Act 2004.

It is the owners' responsibility to ensure that any exempt building work done complies with the Building Code and fits within the provisions of the schedule before they carry out the work.

Please note that Council do not check or review documentation for compliance where information on exempt work has been provided by a property owner to Council. This information is simply filed for record keeping purposes and not to meet any statutory obligation.

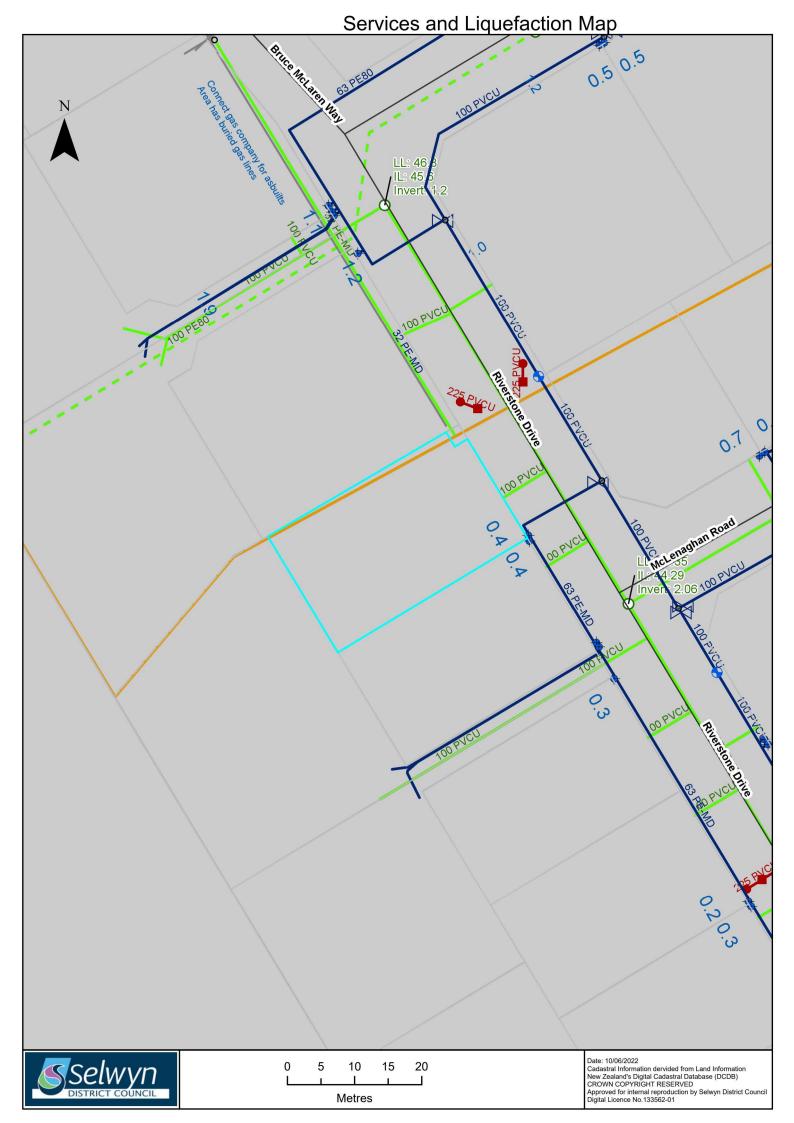
Any information of this nature held by Council has been provided at Councils discretion under Section 44A (3) of the Local Government Official Information and Meetings Act 1987 without any representation or warranty.

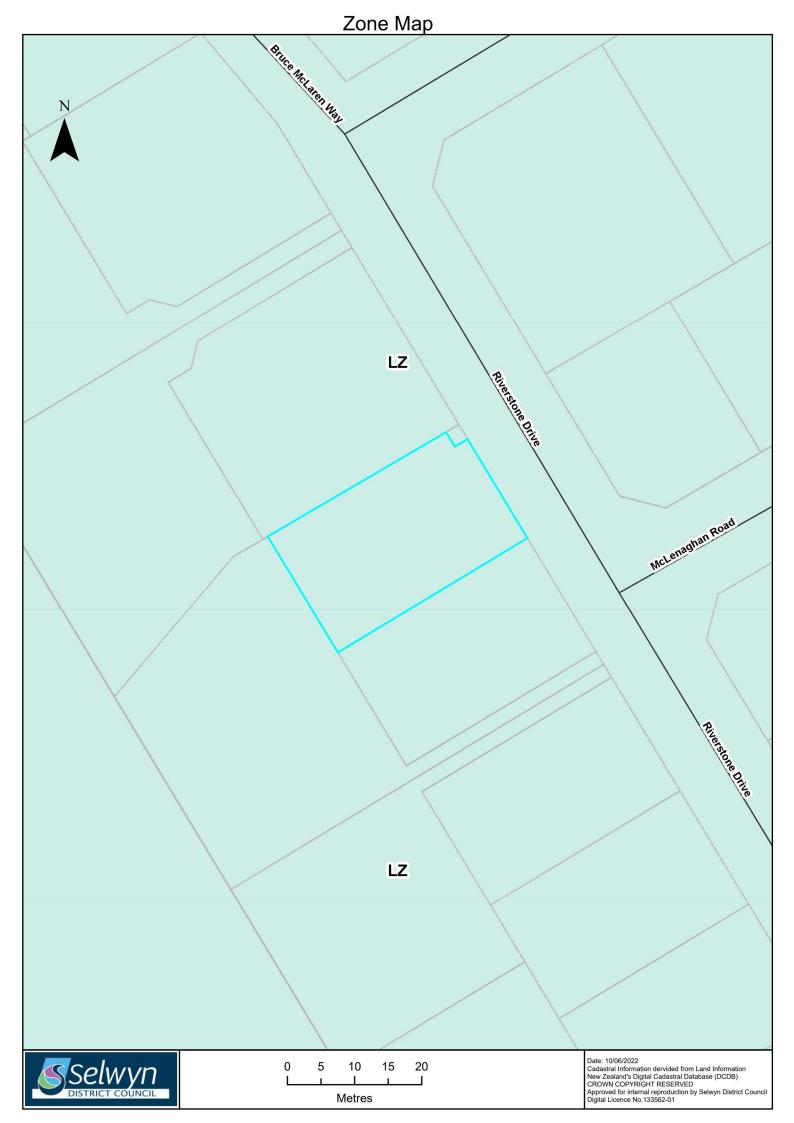
- 5. The Council has used its best endeavors to ensure that all information provided in this LIM report is correct and complete in all material respects. In the event that a material error or omission can be proven the Council's liability, whether in contract or in tort shall be limited to the fee paid to Council to obtain this report.
- 6. This information reflects the Selwyn District Council's current understanding of the site, which is based only on the information thus far provided to it and held on record concerning the site. It is released only as a copy of those records and is not intended to provide a full, complete or totally accurate assessment of the site. As a result the Council is not in a position to warrant that the information is complete or without error and accepts no liability for any inaccuracy in, or omission from, this information.
- 7. The information contained in this Land Information Memorandum is current at the date the memorandum is issued. Further relevant information may come into the Council's possession subsequent to the date of issue.

Name: Chaya Stevens _____ Date: 14 June 2022

Legend







RESOURCE CONSENT INFORMATION

This document is one of three pages titled "Resource Consent Information" which should be read together.

- Because of the large number of resource consents only consents which fall within the red buffer as identified on the map have been included with this report.
- If further information is required please contact the Council's Planning Department Phone Direct 03 3472 868.
- Every effort is made by the Council to identify resource consent in proximity to the property subject to this LIM application. However, it is suggested that a site inspection be undertaken by prospective purchasers to identify any land uses of interest. These may include uses which have existing use rights or other uses which are permitted under the Council's District Plan.

Resource Consent Status Codes:

GHP Granted by Hearing

GEC Granted by Environment Court

GDEL Granted by Delegation

GCOM Granted by Commissioner

DCOM Declined by Commissioner

DHP Declined by Hearing

WD Withdrawn application

AP Approved

DC Declined

Blank No decision issued

DN Decision Notified

ADN Appeal Decision Notified

AE Appeal expiry

AEC Appeal Heard by Environment

AN Abatement Notice

AR Appeal received

ARI Application returned incomplete

AWD Appeal withdrawn

CC Cancelled

CCI Certificate Compliance Issued

D37 Deferred under s.37

D37E s.37 deferral ends

D91 Deferred under s.91

D91E s.91 deferral ends

ECDN Environment Court Decision notified

FI Further Information

FICR Further Information request - no clock restart

FR Formally received

HD Hearing Date

HH Hearing held

INV Invoiced

IR Information received

LAPS Lapsed

LD Lodged

LN Limited Notified

LS Lapsed

ODN Objection decision notified

OH On Hold

OR Objection received

PA Pre- application

PN Publically notified

PS Process suspended

RAD Recommendation adopted by Council

RRA Recommendation to required authority

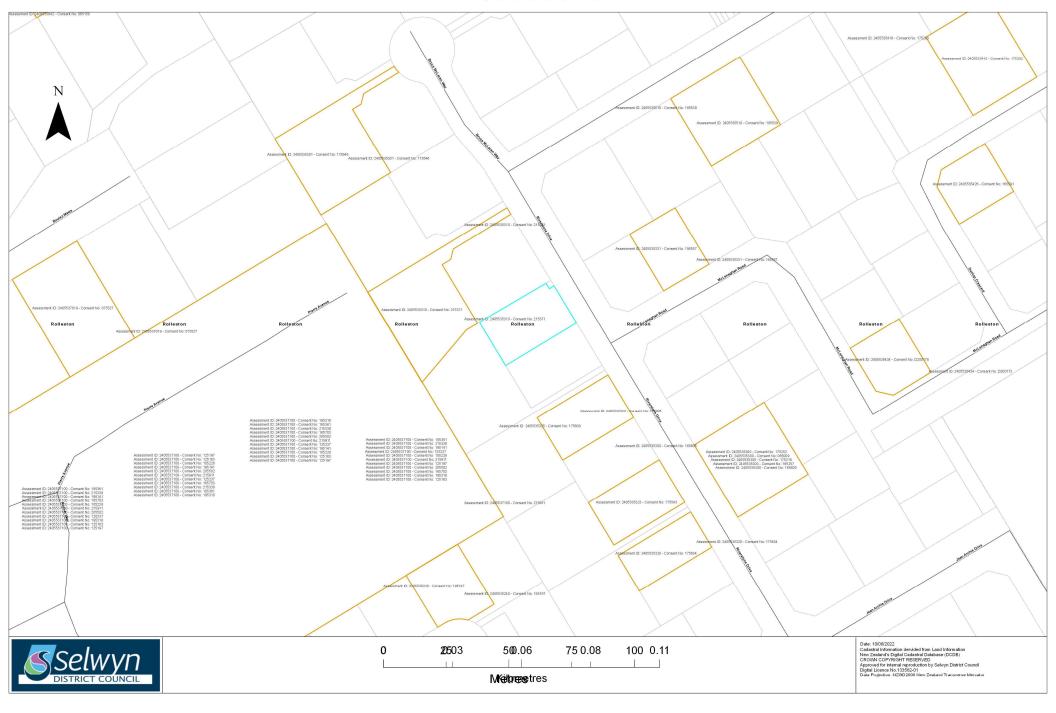
S223 Section 223

S224 Section 224

SC submissions closed

WAR Written Approval Requested

WARE Written Approvals Received



Assessment ID	Consent Number	Proposal	Status	Date
2405537100	205502	VARIATION - To change conditions 1 and 3 of resource consent RC165703 & RC195318	DN	2020-09-22
2405535300	165605	To carry out subdivision creating 24 lots.	S224	2016-11-23
2405537100	125237	To erect dwellings on the lots created by 125197 in accordance with the Living Z zone rules	DN	2012-10-11
2405535300	175252	Lot 3. To erect a dwelling/garage with a non-complying road boundary setback and internal boundary setback.	DN	2017-06-21
2405537100	165703	To establish and operate a retirement village business	DN	2017-08-02
2405535310	215371	To install a 10m long in ground swimming pool with a non-complying siting	DN	2021-06-24
2405537100	195141	VARIATION - To change conditions 1 and 3 of Resource consent RC165703	DN	2019-04-02
2405537100	105228	SUBDIVIDE TO CREATE 3 LOTS ZONED LIVING 2A	DN	2010-08-24
2405535240	195187	To construct a vehicle crossing within 7m of a neighbouring right of way	DN	2019-04-30
2405535325	175608	To construct a vehicle crossing in a non-complying position.	DN	2017-10-27
2405537100	215338	VARIATION - To change conditions 1 and 3 of resource consent RC165703	DN	2021-06-02
2405537100	125163	Variation to RC105228 to increase size of Lots 1 and 2 reducing the balance lot to 2.62 hectares.	WD	2012-07-23

065009	SUBDIVISION OF 4 HA ZONED LIVING 2A INTO 4 LOTS WITH AN AVERAGE OF 1 HECTARE	S224	2006-06-19
185361	VARIATION - To changes conditions 1 and 3 of resource consent RC165703	DN	2018-07-11
175634	To construct a vehicle crossing in a non-complying position.	DN	2017-11-24
185539	To construct a non-complying vehicle crossing	DN	2018-10-16
165257	To subdivide to create 24 residential lots plus one utility lot	WD	2016-10-19
125197	Non-complying subdivision to create 18 residential lots zoned Living 2A - To Planit (J Ashley)Also see 125237	DN	2012-10-11
195557	To construct a vehicle crossing in a non-complying position	DN	2019-09-25
215911	Variation - To change Condition 1 of resource consent RC165703.	DN	2021-12-15
175218	Lot 17. To construct a vehicle crossing in a non-complying position in relation to a right of way.	DN	2017-05-04
175546	To carry out subdivision creating 8 lots.	S224	2017-10-17
195318	VARIATION - To change conditions 1 and 3 of resource consent RC165703	DN	2019-07-18
175543	To construct vehicle crossing in non-complying siting. Lot 12 of S/D.	DN	2017-10-03
	185361 175634 185539 165257 125197 195557 215911 175218 175546 195318	AVERAGE OF 1 HECTARE VARIATION - To changes conditions 1 and 3 of resource consent RC165703 To construct a vehicle crossing in a non-complying position. To construct a non-complying vehicle crossing To subdivide to create 24 residential lots plus one utility lot Non-complying subdivision to create 18 residential lots zoned Living 2A - To Planit (J Ashley)Also see 125237 To construct a vehicle crossing in a non-complying position Variation - To change Condition 1 of resource consent RC165703. Lot 17. To construct a vehicle crossing in a non-complying position in relation to a right of way. To carry out subdivision creating 8 lots. VARIATION - To change conditions 1 and 3 of resource consent RC165703	AVERAGE OF 1 HECTARE 185361 VARIATION - To changes conditions 1 and 3 of resource consent RC165703 To construct a vehicle crossing in a non-complying position. DN 185539 To construct a non-complying vehicle crossing DN 165257 To subdivide to create 24 residential lots plus one utility lot WD 125197 Non-complying subdivision to create 18 residential lots zoned Living 2A - To Planit (J Ashley)Also see 125237 To construct a vehicle crossing in a non-complying position DN 215911 Variation - To change Condition 1 of resource consent RC165703. DN 175218 Lot 17. To construct a vehicle crossing in a non-complying position in relation to a right of way. To carry out subdivision creating 8 lots. VARIATION - To change conditions 1 and 3 of resource consent RC165703. DN

Form 7



Code Compliance Certificate

Section 95, Building Act 2004

The Building

Street address of building: 56 Riverstone Drive, Rolleston

Legal description of land where building is located: of S/D of Lot 4 DP 378727

Building name: N/A

Location of building within site/block number: 56 Riverstone Drive

Rolleston

Level/unit number: N/A

Current, lawfully established, use: 2.0 Housing: 2.0.2 Detached Dwelling

Number of Occupants: N/A Year first constructed: 2017

The Owner

Name of owner: R L & L L Harvey
Contact person: Regan Harvey

Mailing address: 18 Mendip Place, Casebrook, Christchurch

Street address/registered office: N/A

Phone number: N/A Mobile: 0272137638 Facsimile number: N/A

Email address: regan.harvey@movelogistics.co.nz

First point of contact for communications with the council/building consent

authority: Lance Dixon (Dixon Design Ltd); Mailing Address: 704 Hills Rd

Christchurch 8051; Phone: 3862502; Email: dixondesign@xtra.co.nz

Building Work

Building consent number: 171688

Description: 4 Bedroom Domestic Dwelling with Attached Garage

Issued by: Selwyn District Council

Code Compliance

The building consent authority named below is satisfied, on reasonable grounds, that -

• the building work complies with the building consent.

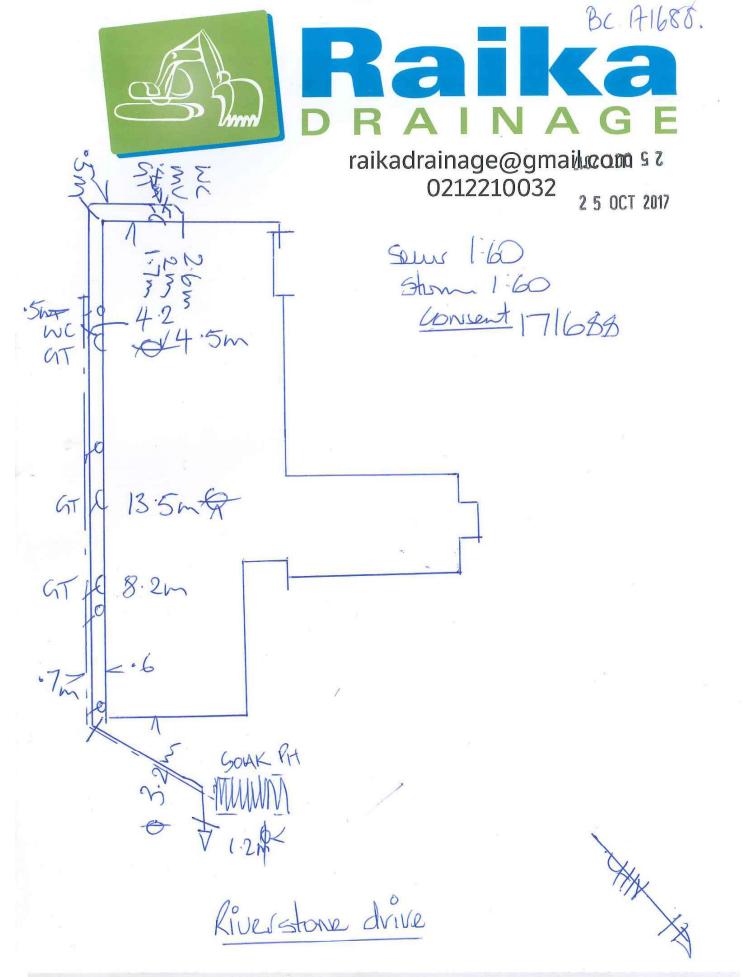
Aaron Brown

Building Consent Officer

On behalf of: Selwyn District Council

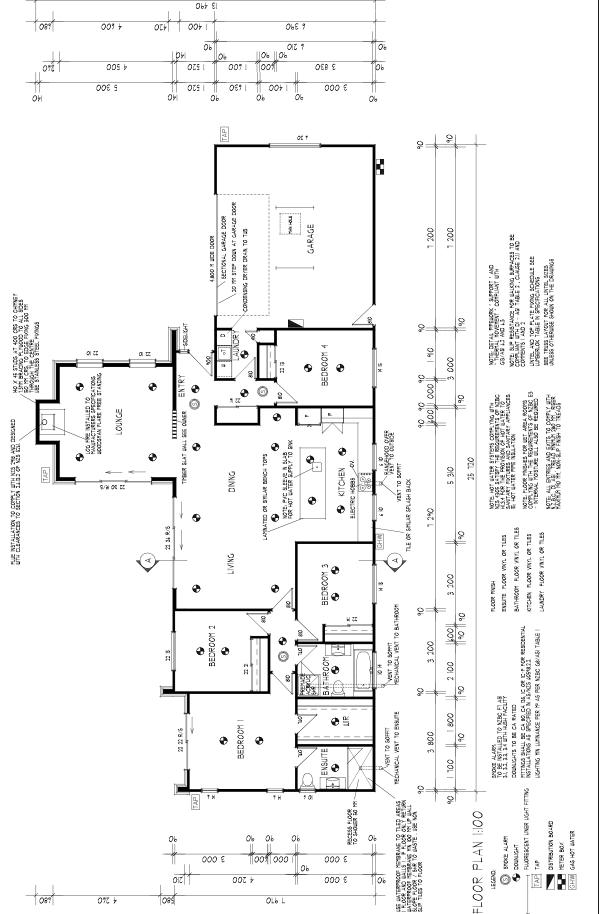
Issue Date: 23 Apr 2018

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Emmanual Raika Certifying Drainlayer - Registration 18659





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Be water wise



Reducing water use is important as Selwyn households tend to be high users of water. Residential properties connected to a Council supply used an average of 1,470 litres of water per day in 2012/13 and 1,386 litres per day in 2011/12. As a comparison, typical household use in New Zealand is around 675 litres per day.

Part of the reason why Selwyn households have higher water consumption is because properties tend to have large sections and over dry summers water use can increase significantly. Additional bores can be added to increase the capacity of Council water supplies, but this is costly and unsustainable.

Over summer, demand for water is much higher than in winter, as people use more water to maintain their lawns. When demand for water is very high during dry summers, water restrictions can be introduced if necessary.

Demand is especially high at the peak times of 6–9am in the morning and 4–9pm in the evening, when people use water for cooking, washing and dishwashers, and often water their lawns at the same time.

We are asking everyone to be careful about how they use water, especially in summer when there is more demand for water. Some areas like Rolleston and Darfield also pay for their water based on metered use so reducing your water consumption will mean you spend less on water bills.

How much water do you use?

This chart shows the amount of water typically used for different household activities. Once you know where your water is going, you can think about how you could reduce your water use. If your water is metered and billed this will help reduce how much you spend on water.

Kitchen —Activity	Water used	Buckets
Dishwashing by Hand	12 to 15 litres per wash	1 – 1½
Dishwasher	20 to 60 litres per wash	2-6
Drinking, Cooking, Cleaning	8 litres per person	3/4 – 1
Bathroom—Activity	Water used	Buckets
Toilet	4.5 to 11 litres per flush	1/2-1
Bath	50 to 120 litres (half full)	5-12
Shower (8 minutes)	70 to 160 litres per 8 minutes	7–16
Handbasin	5 litres	1/2
Tap Running (Cleaning teeth, washing hands)	5 litres	1/2
Leaking Tap	200 litres	20
Laundry —Activity	Water used	Buckets
Washing Machine (Front loading)	23 litres per kg of dry clothing	4-5
Washing Machine (Top Loading)	31 litres per kg of dry clothing	5-6
Outside—Activity	Water used	Buckets
Hand Watering by Hose	600 to 900 litres per hour	60-90
Garden Sprinkler	Up to 1500 litres per hour	150
Car Wash with Hose	100 to 300 litres	10-30
Filling Swimming Pool	20,000 to 50,000 litres	2,000-5,000
Leaking Pipe (1.5mm hole)	300 litres per day	30



Tips for managing your water use

You can help manage your water consumption wisely by following these tips:

Your garden and lawn

- Water your garden and lawn every few days rather than every day. Wetting the soil surface every day encourages roots to develop at the surface, making them more vulnerable to hot dry spells.
- Water your garden and lawn outside of peak water usage hours (avoid 6am-9am, and 4pm-9pm). Watering in the early morning (before 6am) or late evening (after 9pm) will minimise evaporation loss. Also avoid watering in a Nor' West wind as the water will quickly evaporate.
- Using a watering can or hand watering plants by hose often uses far less water than a sprinkler.
- Use a timer to avoid overwatering as it makes plants more susceptible to fungus diseases and will leach out soil nutrients.
- Use mulch or cover the soil with a layer of organic matter to keep the soil moist. Mulches help protect plant roots from drying effects of sun and wind and also reduce weed growth.

- Check if the soil needs watering by digging down with a trowel and having a look. This is a more accurate way to see if watering is needed than looking at the surface.
- Check you have the right head for your sprinkler. Sprinklers should apply water gently so that it seeps into the soil. Some sprinklers apply water faster than the soil can absorb.
- When planting choose drought resistant plants that don't require a lot of water.



Outdoors

- Wash your car with a bucket of water rather than a hose.
- Use a broom rather than hosing down paths and driveways.
- Inspect hoses and taps both indoors and outdoors to check for leaks which waste water.
- Collect rainwater for use watering gardens and lawns.
- If you have a swimming pool, keep it covered to stop the water evaporating.

Indoors

- Reduce your water consumption at the peak times of 6-9am and 4-9pm. Easy ways to do this include using your washing machine after 9pm at night, and putting your dishwasher on just before you go to bed.
- Take a short shower instead of a bath.
- Don't switch on the dishwasher or washing machine until you have a full load.
- Use a half flush when using the toilet.

FENCE DESIGNS THAT WORK

Open style fencing

Open fences often consist of pool fencing along reserves or parks. This type of fencing when being works alternated with close-board fencing or plantings to increase privacy.



Benefits are:

- Less potential for graffiti
- Sturdy
- Clearly defines boundary, while providing openness
- Allows for informal passive surveillance
- Can be used to keep the pets/kids in



Best practice design

Use dark colours for fence to merge into landscape. Support and soften open fence with complementary plantings.





FENCE DESIGNS THAT WORK



This type of fence consists of small or low level fencing that is supported by plantings. Hedges and gardens offer many of the same benefits as taller fences and are cost effective in comparison to enclosed tall fences. They also offer the following advantages:

- Less potential for graffiti
- Perceived extension of property
- Softer appearance to edges that adds to attractive neighbourhoods
- Complementary to the Selwyn context: leafy, green, open
- Can be individually designed to change with the seasons

Best practice design

Continue planting themes from reserves onto your property.

Frame vies from you property out across the park to visually increase the size of your property.

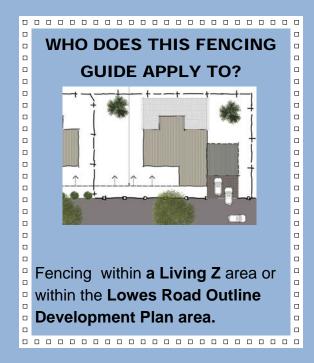


URBAN FENCING



in the Selwyn District

A best practice guide to residential fencing





PUTTING UP A NEW FENCE?

Fences are more than just physical barriers marking your private property. In whatever shape, form, style or construction, fences play an important role and can:

- Provide security and privacy
- Add to attractive neighbourhood street scenes
- Support creating safe spaces for children
- Assist in keeping pets safe
- Reduce the impact from traffic noise
- Provide wind shelter
- Complement the built form of house & garage

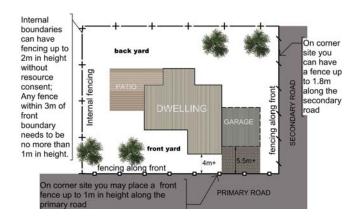
The style one uses for their fencing largely depends on its location and the intended purpose. By choosing a fence style that complies with the CPTED (Crime Prevention through Environmental Design) guidelines and the District Plan rules, one can contribute to a safer, more attractive neighbourhood.

Contrary to common belief, a higher fence doesn't make your property safer. High close-board fences tempt taggers, help burglars to hide their activities from passing foot traffic or neighbours and can cause traffic issues, if positioned on corners. Informal passive surveillance achieved by open views between the street or the reserve and your house promotes safer environments that are ultimately more enjoyable to explore.

Selwyn Council wants to encourage fencing options along the street and reserves that are practical, are attractive and help to reduce crime by increasing surveillance between public and private spaces.

GOOD PRACTICE IN FENCE DESIGN

Rule 4.13 Fencing along the road boundary



Rule 4.13

- ✓ All fencing between the front building façade and the street shall be a max. of 1m in height
- All fencing between the front building façade and a private right of way shall be a max. of 1m in height
- ✓ All fencing between the front building façade and a shared access over which the allotment has legal access shall be a max. of 1m in height

For further examples & information, please contact the Duty Planner on:

Selwyn District Council

Policy and Strategy Team, Environmental Services

Phone: 03 347 2800

GOOD PRACTICE IN FENCE DESIGN

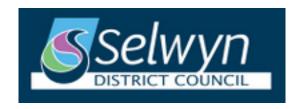
Rule 4.17 Fencing along reserve boundary





Rule 4.17

- All fencing of any allotment that shares a boundary with a public reserve or a walkway shall be limited to a single fence to be erected within 5m of that boundary and
- All fencing of any allotment that shares a boundary with a public reserve or a walkway shall be a max. of 1.2m in height and
- All fencing of any allotment that shares a boundary with a public reserve or a walkway shall be at least 50% transparent where it exceeds 1.2m in height



IMPORTANT INFORMATION TO ALL NEW HOME/LAND OWNERS

STREET TREES AND IRRIGATION

The Selwyn District Council would like to make all new home/land owners and their contractors aware of the process of gaining approval to relocate/remove street trees, or alter Council irrigations systems.

In some areas of the Selwyn District, various types of linked dripper irrigation systems are installed to water establishing street trees. In some cases, the system has not been installed very deep in the ground. It is particularly important that any contractors who are going to be excavating within road berms are aware of this and excavate carefully to locate irrigation lines or drippers, or seek assistance from Council as to their presence/location before excavating. Similarly, care should be taken when excavating near street trees to avoid damage to tree roots.

The developer has put a lot of effort into enhancing the streetscape and providing an attractive environment within your subdivision. It is accepted that in some cases when a new home is built, a planted street tree and associated irrigation system may need to be shifted or removed to facilitate vehicle access to the site. Upon formal request, Council will consider giving approval for such changes to the initial planting plan or irrigation system on a case by case basis, after exploring all alternative options available.

Where is has been qualified that trees can be removed or relocated and/or an irrigation system needs to be shifted, then these works are to be organised by Council and/or the Developer and carried out by one of their approved contractors. All costs associated with these works are to be borne by the requesting land owner.

Please be aware, that in some situations, street trees can be removed and landscaping in a subdivision might still be under the management of the developer. In such cases, Council should still be contacted in the first instance, who will forward the request onto the developer for a response.

The following procedure is to be followed by a land owner who is wanting to request removal or relocation of a street tree and/or associated irrigation systems, in order to facilitate vehicle accessto their property.

Requests for the removal or shifting of a tree must be made in writing to the Council Reserves Department stating:

- Street address of the property and the lot number;
- Name of the contact person;
- Contact details:
- Reason for the tree to be removed

On receipt of this formal request, Council staff will assess the following:

- Quality of the tree and whether or not the tree can successfully be moved;
- Whether an irrigation system is present and also needs shifting or decommissioning;
- Any conditions of sale by the developer;
- Any Resource Consent conditions;
- Streetscape theme and amenity value contribution of the tree.

If a tree is not able to be shifted and has to be removed, the landowner may also be required to pay for the cost to plant another tree of the same species and of similar size within the road berm as a replacement.

If an agent of the land owner makes the request to Council, then the agent is deemed to the person responsible for the payment of all expenses relating to this procedure.

CARE FOR ESTABLISHING STREET TREES

Although the Developer and/or Council endeavours to water in newly planted street trees during their initial establishment years, the public is encouraged to assist with watering trees on your road berm. Establishing a tree in an urban environment faces many challenges so give your tree the best chance of reaching its full potential and value.

Follow the simple directions below to help your tree survive.

When should I water?

During the dry summer periods of November – March and if your trees shows signs of drought stress like wilting and upward curling or rolling, browning of leaves, twig and branch dieback.

If you can, avoid watering during the hottest part of the day.

Any method below can be followed once a fortnight while during dry periods

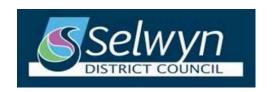
- If you tree has been planted with a piped watering system. Lift the cap pour down 15-20 litres of water and replace the cap to allow the water to them slowly soak into the root zone of the tree.
- If you have in-ground irrigation on your berm lawn, let it run an extra 30 minutes in the zone where you have trees. This will allow the water to penetrate through the turf and thatch and allow more water to soak down to the roots of the tree.
- You can also use a garden hose turned on to a very slow trickle placed 40-90cm from the trunk. Turn the water on to deliver a very slow trickle and let the water soak into the ground for about 2 hours around the tree pit.

Council implements an annual programme of street tree inspections and maintenance throughout the district. Street tree maintenance is the responsibility of the Council, who employs a contractor to provide arboricultural services. It is critical that any other tree maintenance required is undertaken by our appointed contractor to ensure consistency in both quality and tree form.

Please contact us by lodging a Service request if you tree requires any tree maintenance.

Thank you for your assistance and co-operation

Reserves Maintenance Staff **Selwyn District Council**



2 Norman Kirk Drive, Rolleston, New Zealand PO Box 90, Rolleston 7643 Telephone (03) 347-2800 Toll-free Darfield (03) 318-8338

Enquiries: accounts.receivable@selwyn.govt.nz

Calder and Co. Residential 149 Victoria Street Christchurch 8013 **GST Number:** 53-113-451

Invoice Date: 14/06/22

Account No: 805674

Order No.

Tax Invoice 178501

Quantity	Description	Rate	Amount	
	L220895 14/06/22 : 56 Riverstone : Calder and 2405535329 : 56 Riverstone Drive, Rolleston	Co. Resider	nti	
	Land Information Memorandum Fee	_	250.00	*
	(* Incl GST \$32.61		\$250.00	
	(11101 931 \$32.01	'/		

Total incl. GST \$250.00

(Please detach and return this portion with your payment)

REMITTANCE ADVICE

Calder and Co. Residential 149 Victoria Street Christchurch 8013

Account No.: 805674
Invoice No.: 178501
Total Due: \$250.00

Amount Enclosed:

Payment can be made by internet banking to the following account: 03 1587 0050000 00.

Please enter your account number in the particulars field, and your invoice number in the code field.

