

Office Use Only

Application Number:

Private Bag 752, Memorial Ave	
Kaikohe 0440, New Zealand	
Freephone: 0800 920 029	
Phone: (09) 401 5200	
Fax: (09) 401 2137	
Email: ask.us@fndc.govt.nz	
Website: www.fndc.govt.nz	

# APPLICATION FOR RESOURCE CONSENT OR FAST-TRACK RESOURCE CONSENT

#### (Or Associated Consent Pursuant to the Resource Management Act 1991 (RMA)) (If applying for a Resource Consent pursuant to Section 87AAC or 88 of the RMA, this form can be used to satisfy the requirements of Form 9)

Prior to, and during, completion of this application form, please refer to Resource Consent Guidance Notes and Schedule of Fees and Charges – both available on the Council's web page.

## 1. Pre-Lodgement Meeting

Have you met with a Council Resource Consent representative to discuss this application prior to lodgement? Yes / No

#### 2. Type of Consent being applied for (more than one circle can be ticked):

🛇 Land Use	${\sf O}$ Fast Track Land Use*	O Subdivision	O Discharge
O Extension of time (s.125)	O Change of conditions (s.127)	O Change of Cons	ent Notice (s.221(3))
O Consent under National En	vironmental Standard (e.g. Assessi	ng and Managing Co	ntaminants in Soil)
O Other (please specify) The fast track for simple land use co electronic address for service.	nsents is restricted to consents with a co	ntrolled activity status and	d requires you provide an
3. Would you like to opt of	out of the Fast Track Process?	Yes /	No
4. Applicant Details:			
Name/s: Keynote	e Construction Limited		
Electronic Address for Service (E-mail):			
Phone Numbers:			
Postal Address: (or alternative method of service under			

# 5. Address for Correspondence: Name and address for service and correspondence (if using an Agent write their details here).

#### Name/s:

Electronic Address for Service (E-mail):

Phone Numbers:

Postal Address: (or alternative method of service under section 352 of the Act) Bay of Islands Planning Ltd



All correspondence will be sent by email in the first instance. Please advise us if you would prefer an alternative means of communication.

# 6. Details of Property Owner/s and Occupier/s: Name and Address of the Owner/Occupiers of the land to which this application relates (where there are multiple owners or occupiers please list on a separate sheet if required)

Name/s:	Traverse Limited
Property Address/: Location	
	7 Te Uru Lane
	Kerikeri

#### 7. Application Site Details:

Location and/or Property Street Address of the proposed activity:

Site Address/ Location:	7 Te Uru Lane		
	Kerikeri		
Legal Description:	Lot 8 DP 596768	Val Number:	
Certificate of Title:	1156108		
	Please remember to attach a copy of your Certificate of Title to the application, along with relevant consent notices and/or easements and encumbrances (search copy must be less than 6 months old)		
Site Visit Requirement	<u>ts</u> :		
Is there a locked gate	or security system restricting acces	ss by Council staff?	Yes / <mark>No</mark>
Is there a dog on the p	property?		Yes / <mark>No</mark>
Please provide details	of any other entry restrictions that	Council staff should be aware of, e.g. health a	and safety,

caretaker's details. This is important to avoid a wasted trip and having to re-arrange a second visit.

vacant site, no need to contact prior to site visit

#### 8. Description of the Proposal:

Please enter a brief description of the proposal here. Attach a detailed description of the proposed activity and drawings (to a recognized scale, e.g. 1:100) to illustrate your proposal. Please refer to Chapter 4 of the District Plan, and Guidance Notes, for further details of information requirements.

#### **Residential unit**

If this is an application for an Extension of Time (s.125); Change of Consent Conditions (s.127) or Change or Cancellation of Consent Notice conditions (s.221(3)), please quote relevant existing Resource Consents and Consent Notice identifiers and provide details of the change(s) or extension being sought, with reasons for requesting them.

10.	Other Consent required/being applied for under different legislation (more than one circle can be
	ticked):

O Building Consent (BC ref # if known)

O Regional Council Consent (ref # if known)

O National Environmental Standard consent

O Other (please specify)

# 11. National Environmental Standard for Assessing and Managing Contaminants in Soil to Protect Human Health:

The site and proposal may be subject to the above NES. In order to determine whether regard needs to be had to the NES please answer the following (further information in regard to this NES is available on the Council's planning web pages):

Is the piece of land currently being used or has it historically ever been used for an activity or industry on the Hazardous Industries and Activities List (HAIL)

Is the proposed activity an activity covered by the NES? (If the activity is any of the activities listed below, then you need to tick the 'yes' circle).

O ves 🛛 no O don't know

O ves Ø no O don't know

O Subdividing land

O Disturbing, removing or sampling soil

O Changing the use of a piece of land

O Removing or replacing a fuel storage system

# **12.** Assessment of Environmental Effects:

Every application for resource consent must be accompanied by an Assessment of Environmental Effects (AEE). This is a requirement of Schedule 4 of the Resource Management Act 1991 and an application can be rejected if an adequate AEE is not provided. The information in an AEE must be specified in sufficient detail to satisfy the purpose for which it is required. Your AEE may include additional information such as Written Approvals from adjoining property owners, or affected parties.

#### Please attach your AEE to this application.

## 13. Billing Details:

This identifies the person or entity that will be responsible for paying any invoices or receiving any refunds associated with processing this resource consent. Please also refer to Council's Fees and Charges Schedule.

Name/s: (please write all names in full)

Email: Postal Address:



Phone Numbers:

**Fees Information**: An instalment fee for processing this application is payable at the time of lodgement and must accompany your application in order for it to be lodged. Please note that if the instalment fee is insufficient to cover the actual and reasonable costs of work undertaken to process the application you will be required to pay any additional costs. Invoiced amounts are payable by the 20<sup>th</sup> of the month following invoice date. You may also be required to make additional payments if your application requires notification.

**Declaration concerning Payment of Fees:** I/we understand that the Council may charge me/us for all costs actually and reasonably incurred in processing this application. Subject to my/our rights under Sections 357B and 358 of the RMA, to object to any costs, I/we undertake to pay all and future processing costs incurred by the Council. Without limiting the Far North District Council's legal rights if any steps (including the use of debt collection agencies) are necessary to recover unpaid processing costs I/we agree to pay all costs of recovering those processing costs. If this application is made on behalf of a trust (private or family), a society (incorporated or unincorporated) or a company in signing this application I/we are binding the trust, society or company to pay all the above costs and guaranteeing to pay all the above costs in my/our personal capacity.

Name: Ada	am Partridge	(please print)	(please print)		
Signature:		(signature of bill payer – mandatory)	Date:	15-08-24	

# **14.** Important Information:

#### Note to applicant

You must include all information required by this form. The information must be specified in sufficient detail to satisfy the purpose for which it is required.

You may apply for 2 or more resource consents that are needed for the same activity on the same form. You must pay the charge payable to the consent authority for the resource consent application under the Resource Management Act 1991.

#### **Fast-track application**

Under the fast-track resource consent process, notice of the decision must be given within 10 working days after the date the application was first lodged with the authority, unless the applicant opts out of that process at the time of lodgement. A fast-track application may cease to be a fast-track application under section 87AAC(2) of the RMA.

#### Privacy Information:

Once this application is lodged with the Council it becomes public information. Please advise Council if there is sensitive information in the proposal. The information you have provided on this form is required so that your application for consent pursuant to the Resource Management Act 1991 can be processed under that Act. The information will be stored on a public register and held by the Far North District Council. The details of your application may also be made available to the public on the Council's website, <u>www.fndc.govt.nz</u>. These details are collected to inform the general public and community groups about all consents which have been issued through the Far North District Council.

**Declaration:** The information I have supplied with this application is true and complete to the best of my knowledge.

Name:\_\_\_\_\_(please print)

Signature: (signature)

(A signature is not required if the application is made by electronic means)

Checklist (please tick if information is provided)

• Payment (cheques payable to Far North District Council)

• A current Certificate of Title (Search Copy not more than 6 months old)

- O Copies of any listed encumbrances, easements and/or consent notices relevant to the application
- O Applicant / Agent / Property Owner / Bill Payer details provided
- Location of property and description of proposal
- Assessment of Environmental Effects
- Written Approvals / correspondence from consulted parties
- Reports from technical experts (if required)
- Copies of other relevant consents associated with this application
- Location and Site plans (land use) AND/OR
- Location and Scheme Plan (subdivision)
- Elevations / Floor plans
- Topographical / contour plans

Please refer to Chapter 4 of the District Plan for details of the information that must be provided with an application. Please also refer to the RC Checklist available on the Council's website. This contains more helpful hints as to what information needs to be shown on plans.

Only one copy of an application is required, but please note for copying and scanning purposes, documentation should be:

UNBOUND

SINGLE SIDED

**NO LARGER THAN A3 in SIZE** 

Date:



# **BAY OF ISLANDS PLANNING (2022) LIMITED**

Kerikeri House Suite 3, 88 Kerikeri Road Kerikeri

office@bayplan.co.nz Website - www.bayplan.co.nz

19 August 2024

Far North District Council John Butler Centre Kerikeri

Dear Team Leaders,

#### Re: Proposed dwelling – 7 Te Uru Lane, Kerikeri

Our client Keynote Construction Limited is seeking a resource consent to build a dwelling on a vacant lot at 7 Te Uru Lane, Kerikeri. The site is zoned Residential within the Operative Far North District Plan (**ODP**), and General Residential under the Proposed Far North District Plan (**PDP**). Resource consent is required to accommodate the proposed dwelling.

The application is a **Restricted Discretionary activity** under the ODP and requires resource consent in respect of Sunlight and Stormwater Management breaches. We attach information required to be included in this application by the relevant statutory documents as follows:

- Appendix A Record of Titles & Relevant Instruments
- Appendix B Application Plans & Elevations (Platinum Homes)
- Appendix C Stormwater Mitigation Report (Wilton Joubert Consulting Engineers)
- Appendix D Earthworks Permit

Please do not hesitate to contact me should you require any further information.

Yours sincerely,

Andrew McPhee Consultant Planner



# 1. Introduction

The applicant is seeking a land use consent to construct a dwelling on the property at 7 Te Uru Lane in Kerikeri. The site is legally described as Lot 8 DP 596768 and comprises a land area of 604m<sup>2</sup>. A copy of the relevant Records of Title is attached at **Appendix A**.

# 2. Site Description







Figure 2 – Site Aerial (Source: Google Earth)



The site is in a recent subdivision at 373 Kerikeri Road and is on the northern side of the recently constructed Te Uru Lane. The site comprises a total land area of 604m<sup>2</sup>, is vacant and can be described as level.



Figure 3 – Photograph from the northeastern corner of the site looking towards the entrance to the subdivision at Kerikeri Road (Source: Bay of Island Planning)

The site is currently grass covered and bordered by like sized properties to the east, south and west. The site to the north is also zone Residential and is occupied by the St John Kerikeri Ambulance Station.



Figure 4 – Photograph from the road frontage of the site at Te Uru Lane facing north (Source: Bay of Island Planning)

The site is not subject to Resource Management (National Environmental Standard for Assessing and Managing Contaminants in Soil to Protect Human Health) Regulations 2011 (HAIL) as the use of the site is



not changing from residential. In any case, the recent subdivision that created this and the surrounding sites would have been subject to HAIL consideration and no consent notices have been applied to the titles in this regard.

The site is not subject to Natural Hazards.

Far North Maps indicate that soil type is of high versatile value (LUC 2s1), however the site is zoned Residential and was part of a wider subdivision application creating smaller residential sites. The National Policy Statement for Highly Productive Land does not apply to the Residential zone.

# 3. Record of Title, Consent Notices and Land Covenants

The site Record of Title is attached at **Appendix A**. The following consent notices apply:

#### 12965271.5

- Condition (i) Prior to the construction of a dwelling, the owner shall construct a vehicle crossing in accordance with the Far North District Councils engineering standards. Where a crossing is proposed onto a council road, a vehicle crossing permit approval is required from the council.
- Condition (ii) Any development shall comply with the restrictions and recommendations identified in the Geotechnical Report for Proposed Subdivision prepared by Hawthorn Geddes Limited dated 28 February 2022.
- Condition (iii) At the time of lodgement of a building consent for a dwelling on the lots, the owner shall provide a design prepared by a suitably qualified professional for an on-site stormwater soakage pit capable of providing suitable soakage for rainfall events up to and including a 5 year Annual Return Interval. Overflows from the soakage pits are to be discharged via the reticulated stormwater network. Once approved, the soakage pit is to be constructed and maintained in accordance with the approved design.

These conditions will be adhered to at the appropriate times. Condition (iii) has been considered in the Stormwater Mitigation Report found in **Appendix C**.

# 4. Description of the Proposal

The applicant proposes to construct a single storey four-bedroom dwelling on the site at 7 Te Uru Lane, Kerikeri. The proposed dwelling will be in accordance with the site layout, floor plan and elevations prepared by Platinum Homes and attached at **Appendix B**.

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Figure 5 - Proposed floor plan (Source: Platinum Homes)

The total impermeable areas on the property would be 326m<sup>2</sup> or 54% of the site area. Total building coverage area would comprise 237.62m<sup>2</sup> or 39.34% of the site area.

A 73m<sup>2</sup> driveway and path area will provide access to the proposed dwelling.

There are connections for electricity, telecommunications, sewerage, water supply and stormwater at the boundary of the site.

Proposed earthworks include a cut/fill volume of 66m<sup>3</sup> which is within the permitted limits for this zone. There are no cut or filled faces exceeding 1.5m in height. An earthworks permit is sought which is found in **Appendix D**.

# 5. Reasons for Consent

1. The Far North District Plan zones the site **Residential Zone (RZ)**. There are no identified Resource Features.

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Figure 6 – ODP Map – Residential zone (Source: Far North Maps)



Figure 7 – PDP Map – General Residential zone (Source: PDP Maps)

The following tables set out the applicable permitted development standards for the RZ and District Wide performance standards. Table 1 and 2 identifies the applicable rules and provides comment on compliance with those rules. An assessment against the PDP rules with immediate legal effect have also been provided (Table 3).



	RESIDENTIAL ZONE STANDARDS		
Rule #	PERMITTED STANDARDS	PERFORMANCE/COMMENTS	
7.6.5.1.1 Relocated Buildings	<b>Permitted</b> – Where the building is a relocated building all work required to reinstate the exterior including painting and repair of joinery shall be completed within six months of the building being delivered to the site	The dwelling will be a new build. Complies	
7.6.5.1.2 Residential Intensity	<b>Permitted</b> – Each residential unit for a single household shall have available to it a minimum net site area of: Sewered sites: 600m <sup>2</sup>	The site is 604m <sup>2</sup> Complies	
7.6.5.1.3 Scale of Activities	<b>Permitted –</b> The total number of people engaged at any one period of time in activities on a site, including employees and persons making use of any facilities, but excluding people who normally reside on the site or are members of the household shall not exceed 2 persons per 600m <sup>2</sup> (sewered)	The proposal is for a dwelling, those residing on site are excluded from this rule. Complies	
7.6.5.1.4 Building Height	Permitted – Maximum height 8 metres.	The proposed single-story dwelling will not exceed the permitted height standard. Complies	
7.6.5.1.5 Sunlight	<ul> <li>Permitted - No part of any building shall project beyond a 45-degree recession plane as measured inwards from any point 2m vertically above ground level on any site boundary.</li> <li>Restricted Discretionary - No part of any building shall project beyond a 45 degree recession plane as measured inwards from any point 3m vertically above ground level on any site boundary.</li> </ul>	The roof of the proposed dwelling will be within the sunlight recession plane when measured 2m vertically above ground level on the northern boundary. There is no breach when measured 3m vertically above ground level on the northern boundary. There is no breach when measured 3m vertically above ground level on the northern boundary. There is no breach when measured 3m vertically above ground level on the northern boundary. There is no breach when measured 3m vertically above ground level on the northern boundary. There is no breach when measured 3m vertically above ground level on the northern boundary. There is no breach when measured 3m vertically above ground level on the northern boundary. There is no breach when measured 3m vertically above ground level on the northern boundary. There is no breach when measured 3m vertically above ground level on the northern boundary. There is no breach when measured 3m vertically above ground level on the northern boundary. There is no breach when measured 3m vertically above ground level on the northern boundary. There is no breach when measured 3m vertically above ground level on the northern boundary. There is no breach when measured 3m vertically above ground level on the northern boundary. There is no breach when measured 3m vertically above ground level on the northern boundary. There is no breach when measured 3m vertically above ground level on the northern boundary. There is no breach when measured 3m vertically above ground level on the northern boundary. There is no breach when measured 3m vertically above ground level on the northern boundary. There is no breach when measured 3m vertically above ground level on the northern boundary. There is no breach when measured 3m vertically above ground level on the northern boundary when the northern bounda	
		Restricted Discretionary	

Table 1 – Residential Zone – Performance Standards



	RESIDENTIAL ZONE STANDARDS		
Rule #	PERMITTED STANDARDS	PERFORMANCE/COMMENTS	
7.6.5.1.6 Stormwater Management	<b>Permitted</b> - Maximum proportion of the gross site area covered by buildings and other impermeable surfaces shall be 50% <b>Controlled</b> - Maximum proportion or amount of the gross site area covered by buildings and other impermeable surfaces shall be 60% or 600m <sup>2</sup> , whichever is the lesser	Total Impermeable surfaces on the site will be 326m <sup>2</sup> or 54%.	
7.6.5.1.7 Setback from boundaries	<b>Permitted –</b> No building within 1.2m of boundary, other than a road boundary where the setback shall be 3m.	The proposed dwelling is not within the identified setback controls.	
7.6.5.1.8 Screening for Neighbours – Non- Residential Activities	N/A	N/A	
7.6.5.1.9 Outdoor Activities	N/A	N/A	
7.6.5.1.10 Visual Amenity	N/A	N/A	
7.6.5.1.12 Site Intensity – Non- Residential activities	N/A	N/A	
7.6.5.1.13 Hours of Operation - Non- Residential Activities	N/A	N/A	
7.6.5.1.14 Keeping of Animals	N/A	N/A	
7.6.5.1.15 Noise	<b>Permitted</b> – Noise from the site shall not exceed the following noise limits as measured at or within the boundary of any other site in this zone: 0700 to 2200 hours 50 dBA L10 2200 to 0700 hours 45 dBA L10 and 70 dBA Lmax	Dwelling is for a residential activity and is not anticipated to exceed specified limits. Complies	



	RESIDENTIAL ZONE STANDARDS		
Rule #	PERMITTED STANDARDS	PERFORMANCE/COMMENTS	
7.6.5.1.16 Helicopter Landing Area	N/A	N/A	
7.6.5.1.17 Building Coverage	<b>Permitted</b> - Any new building or alteration/addition to an existing building is a permitted activity if the total Building Coverage of a site does not exceed 45% of the gross site area.	The proposed building coverage is 237.62m <sup>2</sup> or 39.34%.	

## Table 2 – District Wide Performance Standards

	PART 3 – DISTRICT WIDE STANDARDS	
Rule #	STANDARDS	PERFORMANCE/COMMENTS
Chapter 12 – Na	tural and Physical Resources	
12.1 Landscape & Natural Features	12.1.6.1.1 Protection of Outstanding Landscape Features 12.1.6.1.2 Indigenous Vegetation Clearance in Outstanding landscapes 12.1.6.1.3 Tree Planting in Outstanding Landscapes 12.1.6.1.4 Excavation and/or filling within an outstanding landscape 12.1.6.1.5 Buildings within outstanding landscapes 12.1.6.1.6 Utility Services in Outstanding Landscapes	N/A
12.2 Indigenous Flora and Fauna	<ul> <li>12.2.6.1.1 Indigenous Vegetation Clearance Permitted Throughout the District</li> <li>12.2.6.1.2 Indigenous Vegetation Clearance in the rural Production and Minerals Zones</li> <li>12.2.6.1.3 Indigenous Vegetation Clearance in the General Coastal Zone</li> <li>12.2.6.1.4 Indigenous Vegetation Clearance in Other Zones</li> </ul>	N\A
12.3 Earthworks	<ul> <li>12.3.6.1.3 Excavation and/or filling, excluding mining and quarrying, in the residential, industrial, horticultural processing, coastal residential and russell township zones</li> <li>Permitted – Maximum of 200m<sup>3</sup> within a 12-month period and cannot be higher than 1.5m cut or fill.</li> </ul>	66m <sup>3</sup> of earthworks are required. Cut and Fill faces will be less than the permitted maximum. <b>Complies</b>
12.4 Natural Hazards	12.4.6.1.1 Coastal Hazard 2 Area 12.4.6.1.2 Fire Risk to Residential Units	N/A



	PART 3 – DISTRICT WIDE STANDARDS	
Rule #	STANDARDS	PERFORMANCE/COMMENTS
12.5 Heritage	<ul> <li>12.5.6.1.1 Notable Trees</li> <li>12.5.6.1.2 Alterations to/and maintenance of historic sites, buildings and objects</li> <li>12.5.6.1.3 Registered Archaeological Sites</li> </ul>	N/A
12.5A Heritage Precincts	There are no Heritage Precincts that apply to the site.	N/A
12.6 Air	N/A	N/A
12.7 Lakes, Rivers, Wetlands and the Coastline	<ul> <li>12.7.6.1.1 Setback from lakes, rivers and the coastal marine area</li> <li>12.7.6.1.2 Setback from smaller lakes, rivers and wetlands</li> <li>Permitted = for rivers minimum setback of 10 x the average width of the river where it passes through or past the site provided that the minimum setback is 10m and the maximum is no more than minimum required by Rule 12.7.6.1.1</li> <li>12.7.6.1.3 Preservation of indigenous wetlands</li> <li>12.7.6.1.4 Land Use Activities involving the Discharges of Human Sewage Effluent</li> <li>12.7.6.1.5 Motorised Craft</li> <li>12.7.6.1.6 Noise</li> </ul>	N/A N/A N/A N/A N/A
Hazardous Substances		
12.9 Renewable Energy and Energy Efficiency	N/A	N/A
Chapter 15 – Tra	affic, Parking and Access	
15.1.6A Traffic	<b>15.1.6A.2.1 Traffic Intensity:</b> Maximum Daily One-Way Traffic Movements Residential <b>Permitted</b> – 20	The first residential unit on a site is exempt from this rule <b>Complies</b>
15.1.6B Parking	<b>15.1.6B.1.1 On-site Car Parking Spaces:</b> Residential <b>Permitted –</b> 2 per residential unit	The double garage and concrete driveway can accommodate more than 2 vehicles.



	PART 3 – DISTRICT WIDE STANDARDS	
Rule #	STANDARDS	PERFORMANCE/COMMENTS
15.1.6C Access	<ul> <li>15.1.6C.1.1 Private Accessway in all zones:</li> <li>Permitted <ul> <li>3m wide carriageway</li> <li>No steeper than 1:8 gradient</li> </ul> </li> </ul>	The access off Te Uru Lane is 4m wide constructed in accordance with the Councils engineering standards. The transition from the road is a grade no steeper hen 1:8
	<b>15.1.6C.1.2 Private Accessway in Urban Zones:</b> <b>Permitted</b> – The private accessway from the road boundary to any parking or loading space shall be no less than 3m wide and have a minimum overhead clearance of 4m.	There is no overhead obstruction over the private accessway. There is no footpath on the side of the row to access the site.
	15.1.6C.1.4 Access Over Footpaths:	The vehicle crossing will be constructed in accordance with Councils engineering standards
	15.1.6C.1.6 Vehicle Crossing Standards In Urban Zones: Permitted – Private access off streets in the urban zones the vehicle crossing is to be constructed in accordance with Council's "Engineering Standards and Guidelines" (June 2004 – Revised 2009).	The proposed access can meet the required standards.
	15.1.6C.1.7 General Access Standards:	

In terms of the ODP the application falls to be considered as a Restricted Discretionary Activity in accordance with Section 104A of the Resource Management Act 1991 (RMA).

Proposed District Plan				
Matter	latter Rule/Std Ref		Compliance	Evidence
Hazardous Substances	Rule HS-R2 has immediate	N/A		Not relevant as no such
Majority of rules relates to	legal effect but only for a			substances proposed.
development within a site	new significant hazardous			
that has heritage or cultural	facility located within a			
items scheduled and	scheduled site and area of			
mapped however Rule HS-	significance to Māori,			
R6 applies to any	significant natural area or a			
development within an SNA	scheduled heritage			
– which is not mapped	resource			
	HS-R5, HS-R6, HS-R9			
Heritage Area Overlays	All rules have immediate	N/A		Not indicated on Far
(Property specific)	legal effect (HA-R1 to HA-			North Proposed District
This chapter applies only to	R14)			Plan
properties within identified	All standards have			
heritage area overlays (e.g.	immediate legal effect (HA-			
in the operative plan they	S1 to HA-S3)			
are called precincts for				
example)				
Historic Heritage	All rules have immediate	N/A		Not indicated on Far
(Property specific and	legal effect (HH-R1 to HH-			North Proposed District

Table 3 – PDP performance standards with immediate legal effect



analise to edisining sites (if	D10)			Diam
applies to adjoining sites (if	K10) Schedule 2 has immediate			Plan
of an identified heritage	legal effect			
item))	logar choor			
Bule HH-B5 Farthworks				
within 20m of a scheduled				
heritage resource				
Heritage resources are				
shown as a historic item on				
the mans)				
This chapter applies to				
scheduled heritage				
resources – which are				
called heritage items in the				
map legend				
Notable Trees	All rules have immediate	N/A		Not indicated on Far
(Property specific)	legal effect (NT-R1 to NT-			North Proposed District
Applied when a property is	R9)			Plan
showing a scheduled	All standards have legal			
notable tree in the map	effect (NT-S1 to NT-S2)			
notable nee in the map	Schedule 1 has immediate			
	legal effect			
Sites and Areas of	All rules have immediate	N/A		Not indicated on Far
Significance to Māori	legal effect (SASM-B1 to			North Proposed District
(Property specific)	SASM-R7)			Plan
Applied when a property is	Schedule 3 has immediate			
showing a site / area of	legal effect			
significance to Maori in the				
map or within the Te				
Oneroa-a Tohe Beach				
Management Area (in the				
operative plan they are				
called site of cultural				
significance to Maori)				
Ecosystems and	All rules have immediate	N/A		Not indicated on Far
Indigenous Biodiversity	legal effect (IB-R1 to IB-R5)			North Proposed District
SNA are not mapped – will				Plan. No vegetation
need to determine if				clearance proposed.
indigenous vegetation on				
the site for example				
Activities on the Surface of	All rules have immediate	N/A		Not indicated on Far
Water	legal effect (ASW-R1 to			North Proposed District
	ASW-R4)			Plan
Earthworks	The following rules have	Yes	Complies	Proposed earthworks
all earthworks (refer to new	immediate legal effect:			will be in accordance
definition) need to comply	EW-R12, EW-R13			with the relevant
with this	The following standards			standards including
	have immediate legal			GD-05 and will have an
	effect:			ADP applied.
	EW-S3, EW-S5			
Signs	The following rules have	N/A		Not indicated on Far
(Property specific) as rules	immediate legal effect:			North Proposed District
only relate to situations	SIGN-R9, SIGN-R10			Plan
where a sign is on a	All standards have			
scheduled heritage	immediate legal effect but			
resource (heritage item), or	only for signs on or			
within the Kororareka	attached to a scheduled			
Russell or Kerikeri Heritage	heritage resource or			
Areas	heritage area			
Orongo Bay Zone	Rule OBZ-R14 has partial	N/A		Not indicated on Far
(Property specific as rule	immediate legal effect			North Proposed District
relates to a zone only)	because RD-1(5) relates to			Plan



	water			
Comments:				
No consents are required under the PDP.				

Overall, the application would fall to be considered as a Restricted Discretionary Activity.

# 6. Statutory Considerations

Section 104C of the RMA governs the determination of applications for restricted discretionary activities:

#### 104C Determination of applications for restricted discretionary activities

- (1) When considering an application for a resource consent for a restricted discretionary activity, a consent authority must consider only those matters over which—
  - (a) a discretion is restricted in national environmental standards or other regulations:
  - (b) it has restricted the exercise of its discretion in its plan or proposed plan.
- (2) The consent authority may grant or refuse the application.
- (3) However, if it grants the application, the consent authority may impose conditions under section 108 only for those matters over which—
  - (a) a discretion is restricted in national environmental standards or other regulations:

(b) it has restricted the exercise of its discretion in its plan or proposed plan.

Section 104C: replaced, on 1 October 2009, by section 85 of the Resource Management (Simplifying and Streamlining) Amendment Act 2009 (2009 No 31).

Council may grant or refuse an application for a Restricted Discretionary Activity. When Council is considering the application, they can only consider those matters it has restricted the exercise of its discretion in the district plan. Council may then impose conditions for those matters it has restricted its discretion to.

Section 104 of the RMA sets out matters to be considered when assessing an application for a resource consent.

#### 104 Consideration of applications

- When considering an application for a resource consent and any submissions received, the consent authority must, subject to Part 2 and section 77M, have regard to-
  - (a) any actual and potential effects on the environment of allowing the activity; and
  - (ab) any measure proposed or agreed to by the applicant for the purpose of ensuring positive effects on the environment to offset or compensate for any adverse effects on the environment that will or may result from allowing the activity; and
  - (b) any relevant provisions of-
    - (i) a national environmental standard:
    - (ii) other regulations:
    - (iii) a national policy statement:
    - (iv) a New Zealand coastal policy statement:
    - (v) a regional policy statement or proposed regional policy statement:
    - (vi) a plan or proposed plan; and
  - (c) any other matter the consent authority considers relevant and reasonably necessary to determine the application.

In the determination of this application, those considerations include the actual and potential effects of



an activity on the environment, the relevant provisions of the Northland Regional Policy Statement (or other relevant statutory document), the Far North District Plan and any other matter the consent authority considers relevant and reasonably necessary to determine the application.

The following assessment addresses all of the relevant considerations under s104 of the RMA.

#### Assessment of Effects on The Environment

The RMA (section 3) meaning of effect includes:

#### 3 Meaning of effect

In this Act, unless the context otherwise requires, the term effect includes-

- (a) any positive or adverse effect; and
- (b) any temporary or permanent effect; and
- (c) any past, present, or future effect; and
- (d) any cumulative effect which arises over time or in combination with other effects-
- regardless of the scale, intensity, duration, or frequency of the effect, and also includes-
- (e) any potential effect of high probability; and
- (f) any potential effect of low probability which has a high potential impact.

Section 104(2) of the RMA states that:

"when forming an opinion for the purposes of subsection (1)(a), a consent authority may disregard an adverse effect of the activity on the environment if a national environmental standard or the plan permits an activity with that effect."

This is referred to as the "permitted baseline", which is based on the permitted performance standards and development controls that form part of a district plan. For an effects-based plan such as the Far North District Plan where specified activities are not regulated, determining the permitted baseline is a useful tool for determining a threshold of effects that are enabled by the zone.

Ordinarily the placement of dwelling on a site created under the subdivision controls in the ODP is a permitted activity. The size and location of the site often determines the ability to fit development within the permitted bulk and location controls in the district plan. In this case there is a minor breach to the sunlight control on the northern boundary, which is attributed to the apex of the roof for two metres in width, 0.7m in depth and 0.7m in height (restricted discretionary activity). There is also a minor breach to stormwater management, which is 4% in excess of the permitted standard (controlled activity).

The focus of this assessment is on addressing the matters of control and discretion within the ODP for the breaches identifies on the site for this application. A brief overview of the degree to which this application achieves the objectives and policies of the Northland Regional Policy Statement, ODP and PDP is also provided.

#### **Positive effects**



The applicant will benefit from the positive effects of being able to build a dwelling on the property which can be used for personal purposes or accommodation.

#### Stormwater Management effects

A comprehensive Stormwater Mitigation Report has been prepared by Wilton Joubert and supplied in **Appendix C**. The mitigation report has been prepared in accordance with:

- The Far North District Council Engineering Standards 2023
- The operative Far North District Council District Plan

The report concludes, provided that the recommendations within this report are adhered to, the effects of stormwater runoff resulting from the unattenuated proposed impermeable surfaces ( $302m^2$  total) are considered to have **less than minor effects on the receiving environment**, equivalent to conditions that would result from development proposals falling within the Permitted Activity coverage threshold. An assessment of effects is provided in the Stormwater Mitigation Report addressing the matters over which Council will restrict its exercise of discretion in rule 7.6.5.2.1 (matters a – i). A soakpit is proposed as the primary mitigation measure before discharging to the available stormwater connection. All design has considered the relevant consent notice requirements.

#### Sunlight

The roof apex on the northern aspect of the dwelling breaches the permitted standard for two metres in width, 0.7m in depth and 0.7m in height. It does however fall within the restricted discretionary standard of a 45 degree recession plane as measured inwards from any point 3m vertically above ground level on that site boundary. The following assessment is of the matters listed in Rule 7.6.5.3.4.

(a) the extent to which adjacent properties will be adversely affected in terms of visual domination, overshadowing, loss of privacy and loss of access to sunlight and daylight;

Approximately half of the dwelling on the northern elevation is setback over 3.6 metres from the site boundary, which is over three times the permitted setback control of 1.2 metres. Further, the other half of the dwelling on the northern aspect is setback over eight metres from the northern boundary. The height of the building is just over 5.5m, which is significantly lower than the eight-metre permitted limit provided in the ODP. As such it is considered that the any effects associated with visual domination, loss of privacy and loss of access to sunlight and daylight will be no more than minor.

Given the minor nature of the sunlight breach, being two metres wide at the base up to the apex of the roof, it is considered that any overshadowing effects will be less than minor on the northern boundary. It is noted that the sunlight rule requiring a 45-degree angle on all boundaries is a reasonably blunt instrument in terms of assessing the effects of overshadowing. The PDP has introduced a more nuanced approach and considers more accurate effects in terms of height in relation to boundary, in cognisance of our location in the southern hemisphere. In the PDP the northern boundary would be assessed at 55 degrees at 2m above ground level, which would likely remove the sunlight breach.

(b) the location and proximity of adjacent residential units, and the outdoor space used by those units;

There are no dwellings within proximity of the northern boundary. The site to the north of the proposed dwelling is the location of the St Johns Ambulance Station, which consists of a shed (approximately 40m



from the northern boundary) and a building used by St Johns to run the ambulance service (approximately 60m from the northern boundary).

#### (c) the ability to mitigate any adverse effects of loss of sunlight.

As previously identified it is not considered that there is any discernible loss of sunlight on the northern boundary for the neighbouring property, and any adverse effects are considered less than minor.

#### **Effects Conclusion**

The site at 7 Te Uru Lane is 604m<sup>2</sup> and was created to accommodate a dwelling. The permitted standard for stormwater management on this site is 302m<sup>2</sup>, which needs to accommodate all impervious surfaces, including the dwelling and access. A Stormwater Mitigation Report has been prepared to support the application (see **Appendix C**) and concludes that the effects will be less than minor for a breach of 24m<sup>2</sup>. In terms of sunlight, the offending quantum of the building breach is minor and limited to the apex of the roof on the northern boundary. It is not considered to incur an effect that is more than minor on the neighbouring property currently, or at a later juncture if developed in a residential capacity.

#### **Statutory Plan Considerations**

#### A National Policy Statement

While Councils current position through the PDP process is that Kerikeri is not subject to the National Policy Statement for Urban Development (NPS-UD), the proposal is consistent with the approach in the NPS-UD in so far that development in this location contributes to a well-functioning urban environment supported by appropriate development infrastructure (being roading, water supply, wastewater and stormwater).

#### National Environmental Standards

The site is not considered a HAIL, an assessment would have also been undertaken as part of the subdivision consent which created the site, therefore the National Environmental Standard for Assessing and Managing Contaminants in Soil to Protect Human Health does not apply.

The National Environmental Standard for Freshwater does not apply to this proposal as there are no natural wetlands or other related features on or near this site.

#### New Zealand Coastal Policy Statement

The New Zealand Coastal Policy Statement is not relevant to this application.

#### A Regional Policy Statement

The subject site is within the Northland region and is subject to the governing objectives and policies of the operative Northland Regional Policy Statement (RPS), operative May 2016. Although the jurisdiction for land use and subdivision activities is governed by the Far North District Council and the policy



framework for land use activities and the management of potential adverse effects is set out in the ODP.

The ODP is subject to the governing regional policy framework set out in the RPS. With respect to any identified features, the site is not within any area of 'High' or 'Outstanding' Natural Area, or the Coastal Environment boundary. Considering the above, the following table considers the relevant objectives and policies.

REGIONAL POLICY STATEMENT FOR NORTHLAND		PERFORMANCE OF PROPOSAL	
OBJECTIVES & POLICIES			
3.1, 4.1-4.8	Integrated Catchment Management	The proposal considers the wider stormwater catchment and proposes appropriate mitigation measures from the increase of stormwater from the site.	
3.2, 5.1-5.4	Region Wide Water Quality	The proposal will be utilising Councils networks resources enabling more value out of those resources for the Far North ratepayers.	
3.3	Ecological Flows	No water take is proposed as part of the application.	
3.4	Indigenous Ecosystems and Biodiversity	The proposal is in an urban area and no vegetation removal is proposed.	
3.5	Enabling Economic Wellbeing	The proposal provides for a dwelling on a site created for residential purposes.	
3.6	Economic Activities – Reverse Sensitivity and Sterilisation	The proposal provides for a dwelling on a site created for residential purposes.	
3.7	Regionally Significant Infrastructure	There is no such infrastructure being affected by the proposal.	
3.8, 6.1	Efficient and Effective Infrastructure	The proposal is optimising the use of existing infrastructure including Councils three waters assets.	
3.9	Security of Energy Supply	The proposal will require Top Energy power use.	
3.10	Use and Allocation of Common Resources	No water takes, or other takes are required.	
3.11	Regional Form	The proposal provides for a dwelling on a site created for residential purposes.	
3.12, 8.1-8.3	Tangata Whenua Role in Decision Making	No issues resulted from the underlying subdivision.	
3.13, 7.1-7.2	Natural Hazard Risk	No other risks are relevant.	
3.14	Natural Character, ONF, ONL and Historic Heritage	No such features exist on the site.	
3.15	Active Management	The proposal provides for a dwelling on a site created for residential purposes.	

#### Table 4 – RPS Assessment

Overall, it is considered that the development proposal would not be contrary to any RPS objective or policy and can be managed adequately by the ODP.



#### A Plan or Proposed Plan

The objectives and policies in the ODP that are relevant to this application are those related to the Urban Environment in general, and the RZ. These are discussed as follows:

OBJECTIVE OR POLICY		PERFORMANCE OF PROPOSAL		
OBJECTIVES				
7.3.1	To ensure that urban activities do not cause adverse environmental effects on the natural and physical resources of the District	The site is currently vacant as it was recently subdivided. The proposal is for a residential building, which is anticipated on the site and will be using Councils reticulated services.		
7.3.2	To enable the continuing use of buildings and infrastructure in urban areas, particularly where these are under-utilised.	The proposal is for a residential building, which is anticipated on the site and will be using Councils reticulated services.		
7.3.3	To avoid, remedy or mitigate the adverse effects of activities on the amenity values of existing urban environments.	The proposal is for a residential building, which is anticipated on the site and will be using Councils reticulated services.		
7.3.4	To enable urban activities to establish in areas where their potential effects will not adversely affect the character and amenity of those areas.	The proposal is for a residential building, which is anticipated on the site and will be using Councils reticulated services.		
7.3.5	To achieve the development of community services as an integral and complementary component of urban development.	This is a function of Council.		
7.3.6	To ensure that sufficient water storage is available to meet the needs of the community all year round.	This is a function of Council.		
POLICIES				
7.4.1	That amenity values of existing and newly developed areas be maintained or enhanced.	The site is currently vacant as it was recently subdivided. The proposal is for a residential building, which is anticipated on the site.		
7.4.2	That the permissible level of effects created or received in residential areas reflects those appropriate for residential activities.	An assessment of effects is provided in this report with the conclusion that the effects will be less than minor.		
7.4.3	That adverse effects on publicly-provided facilities and services be avoided or remedied by new development, through the provision of additional services.	The proposal is for a residential building, which is anticipated on the site and will be using Councils reticulated services, which is an effective and efficient method of providing for three waters services in this zone.		
7.4.4	That stormwater systems for urban development be designed to minimise adverse effects on the environment.	A Stormwater Mitigation Report is provided in <b>Appendix C</b> addressing stormwater matters, concluding that the effects will be less than minor.		

Table 5 Objectives and Policies for the Urban Environment



OBJECTIVE OR POLICY		PERFORMANCE OF PROPOSAL	
7.4.5	That new urban development avoid: (a) adversely affecting the natural character of the coastal environment, lakes, rivers, wetlands or their margins; (b) adversely affecting areas of significant indigenous vegetation or significant habitats of indigenous fauna; (c) adversely affecting outstanding natural features, landscapes and heritage resources; (d) adversely affecting the relationship of Maori and their culture and traditions with their ancestral lands, water, sites, waahi tapu, and other taonga; (e) areas where natural hazards could adversely affect the physical resources of urban development or pose risk to people's health and safety; (f) areas containing finite resources which can reasonably be expected to be valuable for future generations, where urban development would adversely affect their availability; (g) adversely affecting the safety and efficiency of the roading network; (h) the loss or permanent removal of highly productive and versatile soils from primary production due to subdivision and development for urban purposes.	The matters requiring assessment have been undertaken above in this report, concluding that the effects of the proposed dwelling on the site will be less than minor.	
7.4.6	That the natural and historic heritage of urban settlements in the District be protected (refer to Chapter 12).	No natural or historic heritage matters have been identified for the site.	
7.4.7	That urban areas with distinctive characteristics be managed to maintain and enhance the level of amenity derived from those characteristics.	The site is not identified as containing distinctive characteristics.	
7.4.8	That infrastructure for urban areas be designed and operated in a way which: (a) avoids remedies or mitigates adverse effects on the environment; (b) provides adequately for the reasonably foreseeable needs of future generations; and (c) safeguards the life-supporting capacity of air, water, soil and ecosystems.	The proposal is for a residential building, which is anticipated on the site and will be using Councils reticulated services, which is an effective and efficient method of providing for three waters services in this zone.	
7.4.9	That the need for community services in urban areas is recognised and provided for.	This is a function of Council.	

Table 6	Ob	iectives and Policies for the RZ	

OBJECTIVE OR POLICY	PERFORMANCE OF PROPOSAL
OBJECTIVES	



7.6.3.1	To achieve the development of new residential areas at similar densities to those prevailing at present.	The site is commensurate with that anticipated in the RZ.
7.6.3.2	To enable development of a wide range of activities within residential areas where the effects are compatible with the effects of residential activity.	The application is for a dwelling, which is a residential activity.
7.6.3.3	To protect the special amenity values of residential sites on the urban fringe, specifically Lot 1 DP 28017, Lot 1 DP 46656, Lot 1 DP 404507, Lot 1 DP 181291, Lot 2 DP 103531, Lot 1 DP 103531, Lot 2 DP 58333, Pt Lot 1 DP 58333 (and any sites created as a result of a subdivision of these lots), and those having frontage to Kerikeri Road between its intersection with SH10 and Cannon Drive.	Not applicable.
POLICIES	1	
7.6.4.1	That the Residential Zone be applied to those parts of the District that are currently predominantly residential in form and character.	The site is zoned RZ.
7.6.4.2	That the Residential Zone be applied to areas which are currently residential but where there is scope for new residential development.	The site is zoned RZ.
7.6.4.3	That the Residential Zone be applied to areas where expansion would be sustainable in terms of its effects on the environment.	The site is currently zoned RZ
7.6.4.4	That the Residential Zone provide for a range of housing types and forms of accommodation.	The type of housing proposed fits the needs of the landowner.
7.6.4.5	That non-residential activities only be allowed to establish within residential areas where they will not detract from the existing residential environment.	Not applicable.
7.6.4.6	That activities with net effects that exceed those of a typical single residential unit, be required to avoid, remedy or mitigate those effects with respect to the ecological and amenity values and general peaceful enjoyment of adjacent residential activities.	Not applicable.
7.6.4.7	That residential activities have sufficient land associated with each household unit to provide for outdoor space, planting, parking and manoeuvring.	The site has been created through a previous subdivision and is a size commensurate with the controlled activity threshold.



7.6.4.8	That the portion of a site or of a development that is covered in buildings and other impermeable surfaces be limited so as to provide open space around buildings to enable planting, and to reduce adverse hydrological, ecological and amenity effects.	Minor infringements to stormwater management and sunlight have been identified and assessed in this application, concluding that the effects will be less than minor.
7.6.4.9	That sites have adequate access to sunlight and daylight.	An infringement for the sunlight control has been identified on the northern boundary, the effects of which are considered to be less than minor.
7.6.4.10	That provision be made to ensure a reasonable level of privacy for inhabitants of buildings on a site.	The dwelling is considered to have appropriate measures ensuring a reasonable level of privacy.
7.6.4.11	That the built form of development allowed on residential sites on the urban fringe, specifically Lot 1 DP 28017, Lot 1 DP 46656, Lot 1 DP 404507, Lot 1 DP 181291, Lot 2 DP 103531, Lot 1 DP 103531, Lot 2 DP 58333, Pt Lot 1 DP 58333 (and any sites created as a result of a subdivision of these lots), and those with frontage to Kerikeri Road between its intersection with SH10 and Cannon Drive remains small in scale, set back from the road, relatively inconspicuous and in harmony with landscape plantings and shelter belts.	Not applicable.

## Assessment of Objectives and Policies Conclusion

The proposal is consistent relevant objectives and policies considered above.

In terms of district wide matters such as those that affect biophysical elements and physical elements such as infrastructure and transport, the proposal is not impacted by biophysical characteristics that require any consideration, and from an infrastructure perspective the proposal can be serviced through Councils reticulated infrastructure. The proposal is therefore consistent with the aims and intents of the ODP.

 Table 7
 Objectives and Policies for the Rural Residential zone (PDP)

Objectiv	es	Assessment
GRZ-O1 - The General Residential zone provides a		The proposal is for a single dwelling on a vacant site to be used as a
variety of densities, housing types and lot sizes that		residential activity, which is anticipated in this zone.
respond to:		
а.	housing needs and demand;	
b.	the adequacy and capacity of available or	
	programmed development infrastructure;	
c. the amenity and character of the receiving		
residential environment; and		
d.	historic heritage.	
GRZ-O2 - The General Residential zone consolidates		The proposal is for a single dwelling on a vacant site in the General
urban residential development around available or		Residential zone using Councils reticulated services.
programmed development infrastructure to improve the		



· · · · · · · · · · · · · ·	
function and resilience of the receiving residential	
GR7_O3 - Non-residential activities contribute to the	Not applicable
well-being of the community while complementing the	
scale, character and amenity of the General Residential	
zone.	
GB7-Q4 - Land use and subdivision in the General	The proposal is for a single dwelling on a vacant site in the General
Residential zone is supported where there is adequacy	Residential zone using Councils reticulated services.
and capacity of available or programmed development	
infrastructure.	
GRZ-O5 - Land use and subdivision in the General	The proposal is for a single dwelling on a vacant site to be used as a
Residential zone provides communities with functional	residential activity which is anticipated in the General Residential
and high amenity living environments.	zone.
GRZ-O6 - Residential communities are resilient to	No hazards are identified for the site. The proposal is for a single
changes in climate and are responsive to changes in	dwelling on a vacant site in the General Residential zone using
sustainable development techniques.	Councils reticulated services.
Policy	Assessment
GRZ-P1 - Enable land use and subdivision in the General	The proposed dwelling is connecting to Council reticulated
Residential zone where:	services and is of scale anticipated in the General Residential zone.
a. there is adequacy and capacity of available or	
programmed development infrastructure to	
support it; and b it is consistent with the coole, character and	
amenity anticinated in the residential	
environment.	
GB7-P2 - Beguire all subdivision in the General	These services are being provided.
Residential zone to provide the following reticulated	
services to the boundary of each lot:	
a. telecommunications:	
i. fibre where it is available; or	
ii. copper where fibre is not available;	
b. local electricity distribution network; and	
c. wastewater, potable water and stormwater	
where they are available.	
GRZ-P3 - Enable multi-unit developments within the	A multi-unit development is not being proposed.
General Residential zone, including terraced housing	
and apartments, where there is adequacy and capacity	
of available or programmed development infrastructure.	
GRZ-P4 - Enable non-residential activities that:	Not applicable.
a. do not detract from the vitality and viability of	
h support the social and according well being	
of the community:	
c. are of a residential scale: and	
d. are consistent with the scale, character and	
amenity of the General Residential zone.	
GRZ-P5 - Provide for retirement villages where they:	Not applicable.
a. compliment the character and amenity	
values of the surrounding area;	
b. contribute to the diverse needs of the	
community;	
c. do not adversely affect road safety or the	
efficiency of the transport network; and	
d. can be serviced by adequate development	
infrastructure.	
GRZ-P6 - Encourage and support the use of on-site	Ine proposed dwelling is connecting to Councils reticulated
water storage to enable sustainable and efficient use of	serviceS.
CP7 P7 Encourage onergy officient design and the use	The dwelling is medern and constructed in accordance with the
of small scale renewable electricity generation in the	huilding code. Any future owner has the option of installing
construction of residential development	renewable energy generation
GRZ-P8 - Manage land use and subdivision to address	The assessment of effects undertaken for this application has been



the effect	ts of the activity requiring resource consent,	undertaken above and has concluded that the effects will be less
including (but not limited to) consideration of the		than minor.
following	matters where relevant to the application:	
a.	consistency with the scale, design, amenity	
	and character of the residential environment;	
b.	the location, scale and design of buildings or	
	structures, potential for shadowing and visual	
	dominance;	
с.	for residential activities:	
	i. provision for outdoor living space;	
	ii. privacy for adjoining sites;	
	iii. access to sunlight;	
d.	for non-residential activities:	
	i. scale and compatibility with	
	residential activities	
	ii. hours of operation	
е.	at zone interfaces, any setbacks, fencing,	
	screening or landscaping required to address	
	potential conflicts;	
f.	the adequacy and capacity of available or	
	programmed development infrastructure to	
	accommodate the proposed activity,	
	including:	
	i. opportunities for low impact	
	design principles	
	ii. ability of the site to address	
	stormwater and soakage;	
g.	managing natural hazards; and	
h.	any historical, spiritual, or cultural	
	association held by tangata whenua, with	
	regard to the matters set out in Policy TW-P6.	

# Proposed Far North District Plan Objectives & Policies & Weighting

Section 88A(2) provides that "any plan or proposed plan which exists when the application is considered must be had regard to in accordance with section 104(1)(b)." This requires applications to be assessed under both the operative and proposed objective and policy frameworks from the date of notification of the proposed district plan.

In the event of differing directives between objective and policy frameworks, it is well established by case law that the weight to be given to a proposed district plan depends on what stage the relevant provisions have reached, the weight generally being greater as a proposed plan move through the notification and hearing process. In Keystone Ridge Ltd v Auckland City Council, the High Court held that the extent to which the provisions of a proposed plan are relevant should be considered on a case by case basis and might include:

- The extent (if any) to which the proposed measure might have been exposed to testing and independent decision making;
- Circumstances of injustice; and
- The extent to which a new measure, or the absence of one, might implement a coherent pattern of objectives and policies in a plan.

In my view the PDP has not gone through the sufficient process to allow a considered view of the objectives



and policies for the General Residential Zone overlay, however this has still been provided.

The activity is considered to be consistent with the objectives and policies of both the ODP and PDP.

# 7. Notification Assessment (s95matters)

The Council will need to determine the basis on which the application will be processed. These include public notification, limited notification, or non-notification. Sections 95A and 95B provide a step-by-step process that Council must follow when determining whether to publicly or limited notify an application.

#### Public Notification (s95A)

Section 95A outlines the steps that must be followed to determine whether an application should be publicly notified.

Step 1 – Details requirements for mandatory public notification. None of these apply to the proposal.

**Step 2** – Details situations where public notification is precluded (if not required under step 2). The application is for a residential activity but includes an infringement that is not a boundary activity, therefore public notification is not precluded under this step.

**Step 3** – Details requirements for public notification in certain circumstances. This includes applications that are determined to be publicly notified under s95D. For this application, it is concluded that any potential adverse effects on the environment would not be less than minor.

**Step 4** – Details requirements in special circumstances. It is considered that there are no special circumstances that would warrant notification.

#### Limited Notification (s95B)

S95B includes steps to be followed when deciding whether an application should be subject to limited notification.

**Step 1** – relates to the consideration of certain affected groups and affected persons including any protected customary rights groups or affected marine title groups. There are no such groups affected by this application.

**Step 2** – details requirements for limited notification where the application is for one or more activities that is precluded from limited notification by a rule or standard or is a controlled or prescribed activity. This step does not preclude this application from limited notification.

Step 3 - relates to boundary adjustments, where an owner of an infringed boundary is to be notified or a



prescribed activity. Also relates to any other activity where it is required to determine if a person is an affected person in accordance with s95E. For the purpose of limited notifying an application, a person is an affected person if a consent authority decides that the activity's adverse effects on the person are minor or more than minor (but are not less than minor). It is assessed in this report that the effects are less than minor.

**Step 4** – relates to requirements to notify where special circumstances exist. There are no special circumstances that would warrant limited notification of this application.

# 8. PART II – Resource Management Act 1991

#### Purpose of the RMA

The proposal can promote the sustainable management of natural and physical resources, as current and future owners and users of the land are able to provide for their social, cultural and economic wellbeing and their health and safety. The proposal will provide a single-story dwelling on a vacant site within the RZ, which is wholly anticipated and enabled within the zone.

Development of this site will contribute to the local economy, community wellbeing, utilise local services and infrastructure for residential activities at a scale anticipated by Council. Any effects on the environment are anticipated to be less than minor.

#### Matters of National Importance

Māori are not considered to be adversely affected by this proposal, nor is any historic heritage likely to be impacted.

## Other Matters

The proposal will result in an efficient use of resources with the development occurring in an urban zone with development infrastructure available. Amenity values will be maintained because the proposal is of a nature anticipated in the Residential zone. There will be no adverse impact on local ecosystems or overall.

#### Treaty of Waitangi

The Far North District Council is required to take into account the principles of the Treaty of Waitangi when processing this consent. This consent application may be sent to local iwi and hapū who may have an interest in this application.



# 9. Conclusion

This application seeks a **Restricted Discretionary Activity** resource consent to undertake construction of a single-story dwelling on a vacant site within the RZ. The assessment of effects on the environment concludes that for the reasons outlined in the application, the effects of undertaking this proposal will be less than minor on the surrounding environment. There are considered to be no adversely affected persons.

No currently gazetted National Environmental Standards or National Policy Statements including the New Zealand Coastal Policy Statement were considered to be relevant to this proposal.

The Regional Policy Statement for Northland was reviewed as part of this application. The proposal was considered to be consistent with the aims of this document.

In terms of the ODP and the PDP, the proposal was deemed to be consistent with the objectives and policies for the Urban Environment in general, the RZ and the General Residential zone (PDP).

An assessment of Part II of the RMA has also been completed with the proposal able to satisfy this higher order document.

We look forward to receiving acknowledgment of the application and please advise if any additional information is required.

Andrew McPhee Consultant Planner



# RECORD OF TITLE UNDER LAND TRANSFER ACT 2017 FREEHOLD

Search Copy



of Land

Identifier1156108Land Registration DistrictNorth AucklandDate Issued29 July 2024

**Prior References** 1101259

Estate	Fee Simple
Area	604 square metres more or less
Legal Description	Lot 8 Deposited Plan 596768
<b>Registered Owners</b>	
Traverse Limited	

## Interests

Appurtenant hereto is a water right created by Transfer 570870 - 14.3.1956 at 2:20 pm

Appurtenant hereto is a right to drain sewage created by Easement Instrument 12674566.8 - 20.4.2023 at 2:43 pm

The easements created by Easement Instrument 12674566.8 are subject to Section 243 (a) Resource Management Act 1991

12674566.10 Mortgage to David John Kingdom - 20.4.2023 at 2:43 pm

12674566.11 Mortgage to Rex Stanley Rackham and Kenneth Edgar Rackham - 20.4.2023 at 2:43 pm

12893937.1 Variation of Mortgage 12674566.11 - 31.1.2024 at 1:01 pm

12965271.5 Consent Notice pursuant to Section 221 Resource Management Act 1991 - 29.7.2024 at 4:43 pm

Land Covenant in Covenant Instrument 12965271.10 - 29.7.2024 at 4:43 pm





# **View Instrument Details**



Instrument No Status **Date & Time Lodged** Lodged By Instrument Type





Affected Records of Title	Land District
1156101	North Auckland
1156102	North Auckland
1156103	North Auckland
1156104	North Auckland
1156105	North Auckland
1156106	North Auckland
1156107	North Auckland
1156108	North Auckland
1156109	North Auckland
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1156113	North Auckland
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1156115	North Auckland
1156116	North Auckland
1156117	North Auckland
1156118	North Auckland
1156119	North Auckland
1156120	North Auckland
1156121	North Auckland
1156122	North Auckland
1156123	North Auckland
1156124	North Auckland

Annexure Schedule Contains 3 Pages.

#### Signature

Signed by Vaughn Summerton as Territorial Authority Representative on 29/07/2024 03:51 PM

\*\*\* End of Report \*\*\*



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# THE RESOURCE MANAGEMENT ACT 1991

#### SECTION 221: CONSENT NOTICE

#### REGARDING RC-2220850-RMACOM

Being the Subdivision of Lot 1 DP 25752, Pt Lot 2 DP 86081 and Lot 1 DP 162472 North Auckland Registry

<u>PURSUANT</u> to Section 221 and for the purpose of Section 224 (c) (ii) of the Resource Management Act 1991, this Consent Notice is issued by the **FAR NORTH DISTRICT COUNCIL** to the effect that conditions described in the schedule below are to be complied with on a continuing basis by the subdividing owner and the subsequent owners after the deposit of the survey plan, and these are to be registered on the titles of the allotments specified below.

#### **SCHEDULE**

#### Lots 1-22, 30 and 33 DP 596768

- (i). Prior to construction of a dwelling, the owner shall construct a vehicle crossing in accordance with Far North District Councils engineering standards. Where a crossing is proposed onto a council road, a vehicle crossing permit approval is required from the council.
- (ii). Any development shall comply with the restrictions and recommendations identified in the Geotechnical Report for Proposed Subdivision prepared by Hawthorn Geddes Limited dated 28 February 2022.
- (iii). At the time of lodgement of a building consent for a dwelling on the lots, the owner shall provide a design prepared by a suitably qualified professional for an on-site stormwater soakage pit capable of providing suitable soakage for rainfall events up to and included a 5 year Annual Return Interval. Overflows from the soakage pits are to be discharged via the reticulated stormwater network. Once approved, the soakage pit is to be constructed and maintained in accordance with the approved design.

#### Lots 2-5 DP 596768

(iv). Shall not form nor utilise any vehicle crossing access onto Kerikeri Road.



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#### Lots 1-5 DP 596768

(v). The earth bund, fence and landscaping implemented under Condition 3. (i) in accordance with the plan prepared by Simon Cocker Landscape Architecture Limited entitled 'Landscape Mitigation Plan' dated 3<sup>rd</sup> June 2022 shall be maintained in perpetuity by the owners of Lots 1 – 5. A copy of the Plan shall be attached to this consent notice.

histe

SIGNED:

<u>Mr Tianxu Huang- Authorised Officer</u> By the FAR NORTH DISTRICT COUNCIL Under delegated authority: TEAM LEADER – RESOURCE CONSENTS

DATED at **KERIKERI** this 25th day of July 2024





PROPOSED RESIDENCE		
PLATFORM	86.450	
FLOOR	86.755	
FLOOR AREA	234.83 SQ M	
FLOOR INCL ALL ROOF COVERED OUTDOOR AREAS	237.62 SQ M	
SITE AREA	604.00 SQ M	
% COVERAGE (FLOOR)	38.88%	
% COVERAGE (COVERED)	39.34%	
MAX SITE COVERAGE	45.00%	
SOIL MOVE	MENT	
CUT VOLUME:	62 M <sup>3</sup> APPROX	
FILL VOLUME:	4 M <sup>3</sup> APPROX	
IMPERVIOUS	AREAS	
DRIVEWAY & PATH AREA (NOT INCLUDING CROSSING)	73 SQ M	
PATIO AREAS	003 SQ M	
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ROOF AREA	254 SQ M	
DRIVEWAY & PATH AREA	69 SQ M	
PATIO AREAS	003 SQ M	
TOTAL IMPERVIOUS AREAS	326 SQ M	
SITE AREA	604 SQ M	
% COVERAGE	53.97%	
MAX IMPERVIOUS AREA	50.00%	

% COVERAGE	53 97%	
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3. ALL SERVICE TRENCH BACKFILLED AND COM	ES SHALL BE PROPERLY IPACTED.	
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<ol> <li>IF APPLICABLE CONFI OF ALL SOAKPITS, UI AND ALL PUBLIC PIP TO ANY WORKS. IF E PLAN THEN THE DESI CONTACTED.</li> </ol>	RM POSITION & DEPTH NDERGROUND TANKS ES ON THE SITE, PRIOR DIFFERENT TO THE SITE IGNER SHALL BE	
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REVISED	8/8/2024	
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NLD504	SITE PLAN	
KEYNOTE CONSTRUCTION LTD		
7 TE URU LANE		
LOT 8 DP 596768	, KEKIKEKI	
SCALE 1:100 ON A2	SHEEI 1A	





# REFER TO SHEET(S) 7 FOR LINTEL FIXINGS

# NZBC F5 CONSTRUCTION & DEMO HAZARDS NOTE ENSURE NZBC CLAUSE F5 IS FOLLOWED FOR CONSTRUCTION AND DEMOLITION WORK ON BUILDINGS. TO SAFEGUARD PEOPLE FROM INJURY, AND OTHER PROPERTY FROM DAMAGE, CAUSED BY CONSTRUCTION OR DEMOLITION SITE HAZARDS CONTROL JOINTS FOR GIB WALL & CEILING CONTROL JOINT

RECOMMENDATIONS REFER TO DETAILS & NOTES ON SHEET 10B

# JOINERY NOTE

- R0.46 TO ALL JOINERY: THERMALLY BROKEN ALUMINUM JOINERY
- DOUBLE GLAZED
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SCALE 1:100 ON A2 SHEET

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© COPYRIGHT OF THIS DRAWING REMA	AINS THE	
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Wilton Joubert Limited 09 527 0196 PO BOX 11-381 Ellerslie Auckland 1524

SITE	7 Te Uru Lane, Kerikeri
LEGAL DESCRIPTION	Lot 8 DP 596768
PROJECT	Proposed Residential Dwelling
CLIENT	Platinum Homes (Northland)
REFERENCE NO.	133385
DOCUMENT	Stormwater Mitigation Report
STATUS/REVISION No.	В
DATE OF ISSUE	6 August 2024

Report Prepared For	Email
Platinum Homes	Nigel.Turner@platinumhomes.co.nz

Authored by	G.Brant (BE(Hons) Civil)	Civil Engineer	Gustavo@wjl.co.nz	gustan
Reviewed by	P. McSweeney (BE(Hons) Civil)	Civil Engineer	Patrick@wjl.co.nz	Ro
Approved by	<b>B. Steenkamp</b> (CPEng, BEng Civil, CMEngNZ, BSc (Geology))	Senior Civil Engineer	BenS@wjl.co.nz	Palinge

# 1. EXECUTIVE SUMMARY

The following table is intended to be a concise summary which must be read in conjunction with the relevant report sections as referenced herein.

Legal Description:	Lot 8 DP 596768		
Site Area:	604m <sup>2</sup>		
Development Type:	Proposed Residential Dwelling		
Development Proposals Supplied:	Plan Set provided by Platinum Homes (Ref No: NLD504, dated: 2023.03.11)		
District Plan Zone:	Residential		
Permitted Activity Coverage:	<u>50%</u>		
	Post-Development Impermeable Areas		
Impermeable Coverage:	Proposed Roof Area 254m <sup>2</sup> Total Uncovered Hardstand 72m <sup>2</sup>		
A attivity Chattan	Controlled Activity		
	Controlled Activity		
Consent Conditions:	On-site stormwater soakage pit capable of providing suitable soakage for rainfall events up to and including the 5-year Annual Return Interval to be provided. Overflow from the soakage pit is to be discharged via the reticulated stormwater network.		
Attenuation Requirements:	Soakpit for the MPD to manage the 20% AEP Storm Event (as per consent conditions). Upper section of soakpit used for 10% and 1% AEP Storm Attenuation for impervious areas over the permitted threshold.		
Soakage pit Specifications:	<ul> <li>Inlet Chamber <ul> <li>Minimum 1.2m deep chamber with grated inlet cover to be installed in proposed driveway. Fitted with:</li> <li><u>100mmØ Soakage Pit Outlet</u> installed level at or less than 350mm above base of crates.</li> <li>Minimum 100mmØ outlet pipe to the stormwater connection. Outlet to be below the Soakage Pit Outlet invert level and fitted with a bend and riser pipe with 18mm orifice at 350mm above crate base level and overflow above crate soffit level.</li> </ul> </li> <li>Soakage Pit <ul> <li>88 x single module CIRTEX RAINSMART crates. Total storage volume 10.53m<sup>3</sup></li> <li>Minimum Pit Dimensions – 7.87m long x 3.2m wide x 0.44m deep with minimum 600mm cover.</li> <li>Soakage Pit to be lined with geotextile filter cloth.</li> <li>Air vent connected to the top of the crate system to be installed.</li> </ul> </li> </ul>		
Point of Discharge:	To available stormwater connection.		





# 2. SCOPE OF WORK

Wilton Joubert Ltd. (WJL) was engaged by the client, **Platinum Homes (Northland)**, to produce an on-site stormwater mitigation assessment at the above site.

At the time of report writing, we have been supplied the following documents:

• Plan Set supplied by Platinum Homes including site plan, floor plan and elevations (Ref No: NLD504, dated: 03.07.2024)

Should any changes be made to the provided plans with stormwater management implications, WJL must be contacted for review.

# 3. <u>SITE DESCRIPTION</u>

The 604m<sup>2</sup> property is legally described as Lot 8 DP 596768 and is part of the subdivision of 373 Kerikeri Road.

The plan set provided by Platinum Homes (Ref No: NLD504, dated: 03.07.2024) indicates that the property is to be serviced by public stormwater, wastewater and potable water reticulation, with connections along the lot's south-western boundary.

# 4. <u>DEVELOPMENT PROPOSALS</u>

The development proposal, obtained from the client, is to construct a residential dwelling and associated hardstand areas on-site as depicted in the plan set provided by Platinum Homes (Ref No: NLD504, dated: 03.07.2024).



Figure 1: Snip of Proposed Site Plan Provided by Platinum Homes (Ref No: NLD504, dated: 03.07.2024)

THOROUGH ANALYSIS • DEPENDABLE ADVICE GEOTECHNICAL • STRUCTURAL • CIVIL



The principal objective of this assessment is to provide an indicative stormwater disposal design which will manage runoff generated from the proposed impermeable areas resulting from the proposed development.

# 5. ASSESSMENT CRITERIA

## Impermeable Areas

The calculations for the development's stormwater system are based on a gross site area of 604m<sup>2</sup> and the below areas *extracted from the supplied plans*:

	Pre-Development	Post-Development	Total Change
Proposed Roof Area	0 m²	254 m²	254 m²
Total Uncovered Hardstand	0 m²	72 m²	72 m²
Proposed Driveway	0 m²	69 m²	
Proposed Patio Area	0 m²	3 m²	
Pervious	604 m²	278 m²	-326 m²

The total amount of impermeable area on site, post-development, equates to 326m<sup>2</sup> or 54% of the site area. Should any changes be made to the current proposal, the on-site stormwater mitigation design must be reviewed.

# District Plan Rules

The site is zoned Residential. The following rules apply under the FNDC District Plan:

7.6.5.1.6 – **Permitted Activities – Stormwater Management** - The maximum proportion of the gross site area covered by buildings and other impermeable surfaces shall be 50%.

7.6.5.2.1 – **Controlled Activities – Stormwater Management** - The maximum proportion or amount of the gross site area covered by buildings and other impermeable surfaces shall be 60% or 600m<sup>2</sup>, whichever is the lesser.

The total proposed impermeable area for the development exceeds 50% of the site area and does not comply with Permitted Activity Rule (7.6.5.1.6). Therefore, the proposal is considered to be a <u>Controlled Activity</u>. Additional considerations for stormwater management as outlined in the FNDC District Plan Section 7.6.5.2.1 are required. A District Plan Assessment has been included in Section 8 of this report.

## Consent Conditions

A stormwater management report for the parent subdivision was completed by Hawthorn Geddes. The report recommends on-lot stormwater disposal via soakage with overflows directed to the reticulated network. The following excerpt from the consent conditions imposed by the FNDC pertaining to RC Number 2220850 contains a condition for the provision of a soakage pit design at building consent stage:

(iii). At the time of lodgement of a building consent for a dwelling on the lots, the owner shall provide a design prepared by a suitably qualified professional for an on-site stormwater soakage pit capable of providing suitable soakage for rainfall events up to and included a 5 year Annual Return Interval. Overflows from the soakage pits are to be discharged via the reticulated stormwater network. Once approved, the soakage pit is to be constructed and maintained in accordance with the approved design.



# Design Requirements

The outlined design and recommendations contained within this report are in general accordance with the following documentation:

- The Far North District Council Engineering Standards 2023 (FNDC EES)
- The Far North District Council District Plan

Giving reference to the Hawthorn Geddes Stormwater Report and the FNDC EES Section 4.3.20, the design requirements for the on-site soakage pit can be summarised as follows:

- 1. Soakage devices shall be designed for 20% AEP (+CC 20%) flows from impervious areas,
- 2. Capacity adequate for the maximum potential impermeable area per the site's zoning,
- 3. Factored soakage rate of 100mm/hr per the Hawthorn Geddes Stormwater Report,
- 4. Primary and secondary flows exceeding the capacity of the soakage pit are to be directed to the reticulated stormwater network.

The total impermeable area in exceedance of Permitted Activity Rule 7.6.5.1.6 is **24m<sup>2</sup>**. Stormwater attenuation for the 10% AEP and 1% AEP storm events with an adjustment for climate change must therefore be provided for this excess impermeable area.

# Stormwater Modelling Method

In general accordance with the subdivision stormwater report, a Type 1A rainfall hyetograph has been utilised in the soakage pit sizing as well as the peak flow mitigation calculations. A 20% AEP rainfall value (+20% for climate change factors) of 178mm, 10% AEP rainfall value (+20% for climate change factors) of 209mm and 1% AEP rainfall value (+20% for climate change factors) of 319mm obtained from HIRDS, has been applied.

Provided that the recommendations within this report are adhered to, the effects of stormwater runoff resulting from the unattenuated proposed impermeable surfaces (302m<sup>2</sup> total) are considered to have less than minor effects on the receiving environment, equivalent to conditions that would result from development proposals falling within the Permitted Activity coverage threshold.

In addition, this design has been completed in general accordance with the recommendations and requirements contained within the Far North District Engineering Standards and the Far North District Council District Plan as well as Clause E1 of the New Zealand Building Code.

# 6. STORMWATER MITIGATION ASSESSMENT

To meet the requirements outlined in Section 5, the following must be provided:

# Dwelling Roof Drainage

A proprietary guttering system is required to collect roof runoff from the proposed dwelling. Litter filters and/or a first flush diverter may be installed in-line between the roof and the soakage pit inlet chamber. Any installed filters will require regular inspection and cleaning to ensure the effective operation of the system. The frequency of cleaning will depend on current and future plantings around the proposed dwelling.

Roof runoff is to be directed from the dwelling downpipes to the soakage pit inlet chamber specified below.

# Hardstand Drainage

The proposed driveway is to be shaped to shed runoff to the strip drain and soakpit inlet chamber.

THOROUGH ANALYSIS • DEPENDABLE ADVICE GEOTECHNICAL • STRUCTURAL • CIVIL



The proposed patio is to be shaped to shed runoff to an equal or greater sized area of lower-lying lawn/planted areas for passive mitigation. Runoff passed through the lawn/planted areas will be naturally filtered of entrained pollutants via filtration and evapotranspiration.

Stormwater sumps and drainage piping should be in accordance with E1 Surface Water of the NZBC. We recommend the use of litter filters within hardstand catchpits as a pre-treatment device to aid in the longevity of the stormwater mitigation system.

# Soakage Pit Inlet Chamber

A minimum 1.2m deep chamber with a grated inlet cover is to be installed in the proposed driveway and fitted with a minimum 100mmØ outlet pipe to the proposed soakage pit (Soakage Pit Outlet) and a minimum 100mmØ outlet pipe to the stormwater connection (Overflow Outlet).

The Soakage Pit Outlet pipe is to be installed level at an invert level of **<350mm** above the crate base level. The Inlet Chamber's Overflow Outlet to the stormwater connection is to be located below the soakage pit outlet pipe, fitted with a bend and overflow riser with a spill level above the soakage pit soffit level. The overflow riser is to have a **18mm** orifice drilled at an invert level of 350mm above the base of the crates.



Figure 3: Screenshot of Inlet Chamber / Catchpit

The chamber is to have a sump for debris settlement below the invert level of the outlet pipe to the soakage pit. See the appended Inlet Chamber Detail on 133385-C201.

## Soakage Pit

It is recommended to install a soakage pit under the proposed driveway as shown in the appended Site Plan (133385-C200). The soakage pit is to consist of 88 x single module CIRTEX RAINSMART crates (or similar), providing a total nett storage volume of 10.53m<sup>3</sup>, with the soakage pit having dimensions of 7.87m long x 3.2m wide x 0.44m deep with minimum 600mm cover to accommodate for traffic loads. The soakage pit is to be lined with geotextile filter cloth. An air vent connected to the top of the crate system is to be installed.



# 7. STORMWATER RUNOFF SUMMARY

Refer to the appended HydroCAD Calculation output.

SOAKAGE - Post-Develop	ment Scenario – .	20% AEP Storm	Event + CCF
1			

Surface	Area	Runoff CN	Volume	Build-up Height
Maximum Probable Development	302m <sup>2</sup>	98	8.5m <sup>3</sup>	350mm

PERMITTED COVERAGE CONTROL - Pre-Development Scenario – 10% AEP & 1% AEP Storm Events + CCF

Surface	Area	Runoff CN	10% AEP Peak Flow Rate	1% AEP Peak Flow Rate
Greenfields Impermeable Roof Area Exceeding Permitted Activity Threshold	24 m²	74	0.23€/s	0.41 <b>%</b> /s

\*PERMITTED COVERAGE CONTROL - Post-Development Scenario – 10% AEP & 1% AEP Storm Events + CCF

Surface	Area	Runoff CN	10% AEP Peak Flow Rate	1% AEP Peak Flow Rate
Post-Development Impermeable				
Roof Area Exceeding Permitted	24 m²	98	0.23ℓ/s	0.31€/s
Activity Threshold via Detention Tank				

\*Assume Crates are filled up to 350mm prior to storm event.

\*No Soakage assumed.

Given the design parameters, stormwater neutrality has been achieved for the 10% AEP and 1% AEP storm events across the proposed impermeable surfaces over the permitted activity threshold.

# 8. DISTRICT PLAN ASSESSMENT

As the proposed development is not compliant with Permitted Activity Rule 7.6.5.1.6, it is therefore regarded as a <u>Controlled Activity</u>.

In assessing an application under this provision, the Council will exercise its discretion to review the following matters below, (a) through (i) of FNDCDP Section 7.6.5.2.1.

In respect of matters (a) through (i), we provide the following comments:

(a) the extent to which building site coverage and Impermeable Surfaces contribute to total catchment impermeability and the provisions of any catchment or drainage plan for that catchment;	Impermeable surfaces resulting from the development increase site impermeability by 326m <sup>2</sup> . Runoff is to be attenuated to pre-development conditions for the proposed impermeable coverage exceeding the Permitted Activity threshold via an additional detention volume in the proposed Soakage Pit
(b) the extent to which Low Impact Design principles have been used to reduce site impermeability;	Through an attenuation allowance withing the soakpit, the impermeable areas in exceedance of Permitted Activity Rule 7.6.5.1.6 have been attenuated back to pre-development flow rates for the 10% AEP & 1% AEP storm events, adjusted for climate change.



(c) any cumulative effects on total catchment impermeability;	Impervious coverage will increase by 326m <sup>2</sup> .
(d) the extent to which building site coverage and Impermeable Surfaces will alter the natural contour or drainage patterns of the site or disturb the ground and alter its ability to absorb water;	Runoff resulting from the proposed impermeable roof area and hardstand areas is to be collected and directed to a soakpit designed to soak the 20% AEP storm event. The soakpit also provides attenuation for the 10% and 1% AEP Storm Events for areas in exceedance of the permitted coverage threshold. Soakpit overflow is directed to the stormwater connection via sealed pipes.
(e) the physical qualities of the soil type;	Kerikeri Volcanic Group – moderate drainage
(f) the availability of land for the disposal of effluent and stormwater on the site without adverse effects on the water quantity and water quality of water bodies (including groundwater	Runoff resulting from the proposed impermeable areas is to be collected and directed to soakpit as per the consent conditions.
and aquifers) or on adjacent sites;	On-site wastewater disposal is not required due to available wastewater connection.
(g) the extent to which paved, Impermeable Surfaces are necessary for the proposed activity;	The proposed driveway is necessary to provide the proposed dwelling with access and is not considered excessive.
(h) the extent to which landscaping and vegetation may reduce adverse effects of run-off;	Existing vegetation and any plantings introduced by the homeowner during occupancy will aid in reducing surface water velocity and providing treatment. No specific landscaping scheme is proposed as part of the stormwater management system described herein.
(i) the means and effectiveness of mitigating stormwater runoff to that expected by permitted activity threshold.	The impermeable areas in exceedance of Permitted Activity Rule 7.6.5.1.6 have been attenuated back to pre-development flow rates for the 10% AEP & 1% AEP storm events, adjusted for climate change

# 9. <u>NOTES</u>

If any of the design specifications mentioned in the previous sections are altered or found to be different than what is described in this report, Wilton Joubert Ltd will be required to review this report. Indicative system details have been provided in the appendices of this report (133385-C200 & 133385-C201).

Care should be taken when constructing the discharge point to avoid any siphon or backflow effect within the stormwater system.

Subsequent to construction, a programme of regular inspection / maintenance of the system should be initiated by the Owner to ensure the continuance of effective function, and if necessary, the instigation of any maintenance required.

Wilton Joubert Ltd recommends that all contractors keep a photographic record of their work.



# 10. LIMITATIONS

The recommendations and opinions contained in this report are based on information received and available from the client at the time of report writing.

This assignment only considers the primary stormwater system. The secondary stormwater system, Overland Flow Paths (OLFP), vehicular access and the consideration of road/street water flooding is all assumed to be undertaken by a third party.

All drainage design is up to the connection point for each building face of any new structures/slabs; no internal building plumbing or layouts have been undertaken.

During construction, an engineer competent to judge whether the conditions are compatible with the assumptions made in this report should examine the site. In all circumstances, if variations occur which differ from that described or that are assumed to exist, then the matter should be referred to a suitably qualified and experienced engineer.

The performance behaviour outlined by this report is dependent on the construction activity and actions of the builder/contractor. Inappropriate actions during the construction phase may cause behaviour outside the limits given in this report.

This report has been prepared for the particular project described to us and no responsibility is accepted for the use of any part of this report in any other context or for any other purpose.

Wilton Joubert Ltd.

# **REPORT ATTACHMENTS**

- Site Plan C200 (1 sheet)
- Tank Detail C201 (1 sheet)
- Calculation Set





Ŵ	WILTON JOUBERT	No. A BGS	DATE APR '24 AUG '24	BY GMB BGS	ISSUE / REVISION DESCRIPTION STORMWATER MITIGATION REPORT REV A STORMWATER MITIGATION REPORT REV B	DESIGNED BY: GMB DRAWN BY: GMB	SERVICES NOTE WHERE EXISTING SERVICES ARE SHOWN, THEY ARE INDICATIVE ONLY AND MAY NOT INCLUDE ALL SITE SERVICES, WILTON JOUBERT IT DO DOES NOT WARRANT THAT ALL. OR INDEED ANY SERVICES ARE SHOWN, IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE AND PROTECT ALL EXISTING SERVICES PRIOR TO AND FOR THE DURATION OF THE CONTRACT WORKS.	DRAWING TITLE:	SITE PLAN	PROJECT TITLE:
Northland: 09 945 4 Christchurch: 021 824 www	Consulting Engineers           188         Auckland: 09 527 0196           063         Wanaka: 03 443 6209           wiltonjoubert.co.nz					BGS SURVEYED BY: N/A	BUILDING CONSENT	PROJECT DESCRIPTION:	STORMWATER MITIGATION REPORT	

#### NOTES:

- 1. SITE PLAN IS ONLY INDICATIVE FOR CONCEPT DESIGN. NO



ORIGINAL DRAWING SIZE:	OFFICE:				
A3	ORE	VA			
DRAWING SCALE:	CO-ORDINATE SYSTE	M:			
1:100	NOT COOR	DINATED			
DRAWING NUMBER:		ISSUE:			
133385-C200 B					
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Northland: 09 945 4 Christchurch: 021 824	Consulting Engineers           4188         Auckland: 09 527 0196           4063         Wanaka: 03 443 6209					CHECKED BY: BGS SURVEYED BY: N/A		PROJECT DESCRIPTION: STORMWATER MITIGATION REPORT	

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# Summary for Subcatchment 33S: MPD Area - Impermeable

This subcatchment reproduces the runoff calculation from Sample Job #1 in the TR-20 manual.

Since TR-20 has no CN or Tc calculation procedures, these values have been entered directly, rather than using HydroCAD's built-in CN lookup table and Tc calculation procedures.

The resulting peak flow of 2176cfs is approximately 4% higher than the published TR-20 value of 2097cfs. This difference occurs at small Tc values due to the additional detail provided by the polynomial-based rainfall distributions used in HydroCAD.

If a more exact TR-20 match is desired, an optional "Type II 24-hr Tabular" rainfall definition is available, which produces a peak runoff of 2099cfs, just 0.1% higher than TR-20.

Runoff = 3.54 l/s @ 7.94 hrs, Volume= 52.0 m<sup>3</sup>, Depth> 172 mm

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-24.00 hrs, dt= 0.01 hrs Type IA 24-hr 20% AEP + CC Rainfall=178 mm, Ia/S=0.06

	Area (m²)	CN I	Description		
*	302.0	98 I	mpermeable	e	
	302.0		100.00% Im	pervious Ar	rea
-	Tc Length	Slope	e Velocity	Capacity	Description
(mi	n) (meters)	(m/m	) (m/sec)	(m³/s)	
10	.0				Direct Entry,

# Subcatchment 33S: MPD Area - Impermeable



# Summary for Pond 34P: Soakage Pit (88 x cirtex rainsmart single modules)

Inflow = 3.54 I/s @ 7.94 hrs, Volume= 52.0 m <sup>3</sup> Outflow = 0.91 I/s @ 9.34 hrs, Volume= 51.9 m <sup>3</sup> , Atten= 74%, Lag= 83.9 mi						
Outflow = 0.91 l/s @ 9.34 hrs, Volume= 51.9 m³, Atten= 74%, Lag= 83.9 mi						
	า					
Discarded = 0.91 l/s @ 9.34 hrs, Volume= 51.9 m <sup>3</sup>						
Primary = $0.00 \text{ l/s} @ 0.00 \text{ hrs}$ , Volume= $0.0 \text{ m}^3$						
Routing by Stor-Ind method, Time Span= 0.00-24.00 hrs, dt= 0.01 hrs						
Peak Elev= 0.350 m @ 9.34 hrs Surf.Area= 25.2 m <sup>2</sup> Storage= 8.5 m <sup>3</sup>						
Plug-Flow detention time= 63.3 min calculated for 51.9 m <sup>3</sup> (100% of inflow)						
Center-of-Mass det. time= 62.5 min(710.5 - 648.0)						
Volume Invert Avail Storage Storage Description						
#1 0.000 m 10.6 m <sup>3</sup> 7.87 mW x 3.20 ml x 0.44 mH Prismatoid						
11.1 m <sup>3</sup> Overall x 96.0% Voids						
Device Routing Invert Outlet Devices						
#1 Discarded 0.000 m 100.00 mm/hr Exfiltration over Wetted area						
#2 Primary 0.400 m <b>100 mm Vert. Orifice/Grate</b> C= 0.600						
#2 Primary 0.400 m <b>100 mm Vert. Orifice/Grate</b> C= 0.600						
#2 Primary 0.400 m <b>100 mm Vert. Orifice/Grate</b> C= 0.600 <b>Discarded OutFlow</b> Max=0.91 I/s @ 9.34 hrs HW=0.350 m (Free Discharge)						

Primary OutFlow Max=0.00 l/s @ 0.00 hrs HW=0.000 m (Free Discharge) ←2=Orifice/Grate (Controls 0.00 l/s)



# Pond 34P: Soakage Pit (88 x cirtex rainsmart single modules)



7 Te Uru Lane	Type IA 24-hr 1% AEP +	CC Rainfall=319 mm, Ia/S=0.06
Prepared by Wilton Joubert Limited		Printed 6/08/2024
HydroCAD® 10.00-26 s/n 10413 © 2020 Hy	droCAD Software Solutions LLC	Page 2

Time span=0.00-24.00 hrs, dt=0.01 hrs, 2401 points Runoff by SCS TR-20 method, UH=SCS, Weighted-CN Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

Subcatchment 37S: Area Exceeding	Runoff Area=24.0 m <sup>2</sup> 100.00% Impervious Tc=10.0 min CN=98	Runoff Depth>313 mm Runoff=0.51 l/s 7.5 m <sup>3</sup>
Subcatchment 47S: Area Exceeding	Runoff Area=24.0 m² 0.00% Impervious Tc=10.0 min CN=74	Runoff Depth>243 mm Runoff=0.41 l/s 5.8 m <sup>3</sup>
Pond 38P: Soakage Pit (88 x cirtex rains	<b>mart</b> Peak Elev=0.383 m Storage=9.4 m <sup>3</sup>	Inflow=0.51 I/s 7.5 m <sup>3</sup> Outflow=0.31 I/s 7.4 m <sup>3</sup>
Total Runoff Area = 48.0 n	<sup>12</sup> Runoff Volume = 13.3 m <sup>3</sup> Average R 50.00% Pervious = 24.0 m <sup>2</sup> 50.00%	unoff Depth = 278 mm Impervious = 24.0 m²

# Summary for Subcatchment 37S: Area Exceeding Permitted Threshold (24m2)

Runoff = 0.51 l/s @ 7.94 hrs, Volume= 7.5 m<sup>3</sup>, Depth> 313 mm

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-24.00 hrs, dt= 0.01 hrs Type IA 24-hr 1% AEP + CC Rainfall=319 mm, Ia/S=0.06

	Ar	rea (m²)	CN	Description		
*		24.0	98			
		24.0	24.0 100.00% Impervious Ar			rea
	Tc (min)	Length (meters)	Slop (m/n	ve Velocity n) (m/sec)	Capacity (m³/s)	Description
	10.0					Direct Entry,

# Subcatchment 37S: Area Exceeding Permitted Threshold (24m2)



# Summary for Subcatchment 47S: Area Exceeding Permitted Threshold (24m2) - PRE

Runoff = 0.41 l/s @ 7.97 hrs, Volume= 5.8 m<sup>3</sup>, Depth> 243 mm

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-24.00 hrs, dt= 0.01 hrs Type IA 24-hr 1% AEP + CC Rainfall=319 mm, Ia/S=0.06

	Area (m²)	CN D	escription		
*	24.0	74			
	24.0	10	00.00% Pe	rvious Area	a
T (mir	c Length	Slope (m/m)	Velocity (m/sec)	Capacity (m³/s)	Description
10.	0		(	(,2)	Direct Entry,





# Summary for Pond 38P: Soakage Pit (88 x cirtex rainsmart single modules)

Inflow Are	ea =	24.0	m <sup>2</sup> ,100.00% Impervious	, Inflow Depth >	313 mm	for 1% AEP +	+ CC event	
Inflow	=	0.51 l/s @	7.94 hrs, Volume=	7.5 m <sup>3</sup>				
Outflow	=	0.31 l/s @	8.23 hrs, Volume=	7.4 m³,	Atten= 38	%, Lag= 17.2 r	nin	
Primary	=	0.31 l/s @	8.23 hrs, Volume=	7.4 m³		-		
Routing b	y Stor-	Ind method, T	ime Span= 0.00-24.00 h	rs, dt= 0.01 hrs				
Starting E	lev= 0	.350 m Surf.A	Area= 25.2 m <sup>2</sup> Storage	= 8.5 m³				
Peak Elev	/= 0.38	33 m @ 8.23 h	rs Surf.Area= 25.2 m <sup>2</sup>	Storage= 9.4 m <sup>3</sup>	(0.8 m³ a	bove start)		
Flood Ele	Flood Elev= 1.000 m Surf.Area= 25.2 m² Storage= 10.7 m³ (2.2 m³ above start)							
Plug-Flow Center-of	/ deten -Mass	tion time= (not det_time= 32	t calculated: initial storac 1 min ( 674 0 - 641 9 )	ge exceeds outflo	w)			

Volume	Invert	Avail.Storage	Storage Description
#1	0.000 m	10.7 m³	<b>7.87 mW x 3.20 mL x 0.44 mH Prismatoid</b> 11.1 m³ Overall x 97.0% Voids
Device	Routing	Invert Out	et Devices
#1	Primary	0.350 m <b>18 r</b>	nm Vert. Orifice/Grate X 3.00 C= 0.600

Primary OutFlow Max=0.31 l/s @ 8.23 hrs HW=0.383 m (Free Discharge) —1=Orifice/Grate (Orifice Controls 0.31 l/s @ 0.41 m/s)

# Pond 38P: Soakage Pit (88 x cirtex rainsmart single modules)



7 Te Uru Lane	Type IA 24-hr 10% AEP +	CC Rainfall=209 mm, Ia/S=0.06
Prepared by Wilton Joubert Limited		Printed 6/08/2024
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Time span=0.00-24.00 hrs, dt=0.01 hrs, 2401 points Runoff by SCS TR-20 method, UH=SCS, Weighted-CN Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

Subcatchment 37S: Area Exceeding	Runoff Area=24.0 m <sup>2</sup> 100.00% Impervious Tc=10.0 min CN=98	Runoff Depth>203 mm Runoff=0.33 l/s 4.9 m <sup>3</sup>
Subcatchment 47S: Area Exceeding	Runoff Area=24.0 m² 0.00% Impervious Tc=10.0 min CN=74	Runoff Depth>141 mm Runoff=0.23 l/s 3.4 m <sup>3</sup>
Pond 38P: Soakage Pit (88 x cirtex rainsr	nart Peak Elev=0.372 m Storage=9.1 m³	Inflow=0.33 l/s 4.9 m <sup>3</sup> Outflow=0.23 l/s 4.8 m <sup>3</sup>
Total Runoff Area = 48.0 ו	n <sup>2</sup> Runoff Volume = 8.3 m <sup>3</sup> Average Ru 50.00% Pervious = 24.0 m <sup>2</sup> 50.00%	unoff Depth = 172 mm Impervious = 24.0 m <sup>2</sup>

# Summary for Subcatchment 37S: Area Exceeding Permitted Threshold (24m2)

Runoff = 0.33 l/s @ 7.94 hrs, Volume= 4.9 m<sup>3</sup>, Depth> 203 mm

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-24.00 hrs, dt= 0.01 hrs Type IA 24-hr 10% AEP + CC Rainfall=209 mm, Ia/S=0.06

Α	rea (m²)	CN D	escription		
*	24.0	98			
	24.0	100.00% Impervious Area			rea
Tc (min)	Length (meters)	Slope (m/m)	Velocity (m/sec)	Capacity (m³/s)	Description
10.0					Direct Entry,

# Subcatchment 37S: Area Exceeding Permitted Threshold (24m2)



# Summary for Subcatchment 47S: Area Exceeding Permitted Threshold (24m2) - PRE

Runoff = 0.23 l/s @ 7.99 hrs, Volume= 3.4 m<sup>3</sup>, Depth> 141 mm

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-24.00 hrs, dt= 0.01 hrs Type IA 24-hr 10% AEP + CC Rainfall=209 mm, Ia/S=0.06

	Area (m²)	CN D	escription		
*	24.0	74			
	24.0	1	00.00% Pe	rvious Area	1
To (min	c Length ) (meters)	Slope (m/m)	Velocity (m/sec)	Capacity (m³/s)	Description
10.0	)		(		Direct Entry,





# Summary for Pond 38P: Soakage Pit (88 x cirtex rainsmart single modules)

Inflow Are	a =	24.0	m <sup>2</sup> ,100.00% Impervious,	Inflow Depth >	203 mm	for 10% AEP + CC event	
Inflow	=	0.33 l/s @	7.94 hrs, Volume=	4.9 m³			
Outflow	=	0.23 l/s @	8.19 hrs, Volume=	4.8 m³,	Atten= 329	%, Lag= 14.8 min	
Primary	=	0.23 l/s @	8.19 hrs, Volume=	4.8 m <sup>3</sup>		-	
Routing by	/ Stor-Ir	nd method, T	ime Span= 0.00-24.00 hr	rs, dt= 0.01 hrs			
Starting E	Starting Elev= 0.350 m Surf.Area= 25.2 m <sup>2</sup> Storage= 8.5 m <sup>3</sup>						
Peak Elev= 0.372 m @ 8.19 hrs Surf.Area= 25.2 m <sup>2</sup> Storage= 9.1 m <sup>3</sup> (0.5 m <sup>3</sup> above start)							
Flood Elev= 1.000 m Surf.Area= 25.2 m² Storage= 10.7 m³ (2.2 m³ above start)							
Plug-Flow Center-of-	detenti Mass d	on time= (not et. time= 33.3	t calculated: initial storag 3 min ( 679.3 - 646.1 )	e exceeds outflow	<i>N</i> )		

Volume	Invert	Avail.Storage	Storage Description
#1	0.000 m	10.7 m³	<b>7.87 mW x 3.20 mL x 0.44 mH Prismatoid</b> 11.1 m <sup>3</sup> Overall x 97.0% Voids
Device	Routing	Invert Outle	et Devices
#1	Primary	0.350 m <b>18 m</b>	m Vert. Orifice/Grate X 3.00 C= 0.600

Primary OutFlow Max=0.23 I/s @ 8.19 hrs HW=0.372 m (Free Discharge) —1=Orifice/Grate (Orifice Controls 0.23 I/s @ 0.30 m/s)

#### Hydrograph Inflow Primary 0.36 Inflow Area=24.0 m<sup>2</sup> 0.34 0.32 Peak Elev=0.372 m 0.3 0.28 Storage=9.1 m<sup>3</sup> 0.26 0.24 0.23 l/s 0.22 (I/s) 0.2 **8** 0.18 **0**.16 0.16 0.14 0.12 0.1 0.08 0.06 0.04 0.02 0 11 12 13 14 15 16 17 18 19 20 21 22 23 24 0 1 2 3 4 5 6 7 8 9 10 Time (hours)

# Pond 38P: Soakage Pit (88 x cirtex rainsmart single modules)