



## Notice of Requirement (Designation) Form

For office use only:  
Private Bag 63002  
Waterloo Quay  
Wellington 6140

Application number: .....

Date received: .....

### Part I: Notice of Requirement by Minister, Local Authority, or Requiring Authority for Designation or Alteration of Designation

**Sections 168(1), (2) and 181 and clause 4 of Schedule 1, Resource Management Act 1991**  
**This part of the form reflects the information requirements of Form 18.**

To the Environmental Protection Authority (EPA)

The New Zealand Transport Agency gives notice of a requirement for a designation for a project, being the construction, operation and maintenance of a State highway, being the Ara Tūhono Pūhoi to Wellsford Road of National Significance – Pūhoi to Warkworth Section.

#### **Additional information that will help to process your application:**

Please tick which of the below options for a requiring authority apply:

- ☐ a Minister of the Crown
- ☐ a local authority
- ☒ a network utility operator approved as a requiring authority under section 167 of the RMA. Please provide the Gazette Notice reference approving the applicant as a requiring authority

*Resource Management (Approval of Transit New Zealand as Requiring Authority) Notice 1994. Gazette Notice contained in Appendix A of the AEE Report, Volume 2*

#### **The site to which the requirement applies is as follows:**

The designation for a new section of State highway will extend from just beyond the northern portals of the Johnstone's Hill tunnels on the existing State Highway 1 to south of the Kaipara Flats Road intersection with SH1, which lies to the north of Warkworth, in the greater Auckland Region.

Refer to the Land Requirement Plans and Schedule, Volume 1.

**The nature of the proposed works is:**

The construction, operation and maintenance of a State highway, being the Ara Tūhono Pūhoi to Wellsford Road of National Significance – Pūhoi to Warkworth Section. Refer to Section 5 of the AEE Report, Volume 2.

**The nature of the proposed restrictions/conditions are:****Additional information that will help to process your application:**

Please tick whether restrictions will apply to the designation:

- ☐ no restrictions/conditions on the designation are proposed
- ☒ restrictions/conditions applying to the designation are proposed
- ☐ changes to the existing restrictions/conditions applying to the designation are proposed.

Refer to Section 28 of the AEE Report, Volume 2.

**The effects that the works will have on the environment and the ways in which any adverse effects will be mitigated, are:**

The AEE Report, Volume 2, contains a description of the existing environment (Section 4), an assessment of the Project's effects on the environment (Sections 9 - 26), and an outline of appropriate methods to avoid, remedy or mitigate any adverse effects of the works associated with the Project (Section 28).

Actual and potential effects on the environment during construction include (discussed further in the identified AEE Report Sections, Volume 2):

- Effects from construction water – management of stormwater runoff from site works during construction (including erosion and sediment control) and effects on water quality (Section 10).
- Effects on air quality – effects associated with construction emissions (particularly dust) (Section 18).
- Noise and vibration effects – (Sections 15 and 17).
- Traffic effects – impacts on the transportation network during construction (Section 13).
- Effects on ecology – effects of the Project on terrestrial, freshwater and marine ecology, including flora, fauna, streams and wetlands during construction and operation of the Project (Sections 11, 12 and 14).
- Effects on groundwater – (Section 19).
- Heritage effects – effects on actual and potential archaeological sites and built heritage (Section 16).
- Effects on cultural heritage – effects during construction and operation on Tangata Whenua and cultural heritage values (Section 24).
- Landscape and visual effects – (Section 22).

Actual and potential effects on the environment post construction, during operation of the motorway, include (discussed further in the identified AEE Report Sections, Volume 2):

- Traffic and transportation – providing an improved traffic environment with a safer environment on the new motorway and improved traffic functionality within Warkworth (Section 23).
- Stormwater effects – management of the ongoing discharge of contaminants in stormwater during the operation of the motorway and effects on flooding and freshwater and marine water quality (Section 21).
- Noise – an improved noise environment along the current State Highway 1 and potential adverse effects along the new motorway (Section 24).
- Landscape and visual effects – (Section 22).
- Air quality – air emissions from the use of the built road (Section 18).



The AEE Report, Volume 2, draws on information provided in the Assessment Reports (contained in Volume 3).  
Section 28 of the AEE Report, Volume 2, outlines proposed mitigation measures.

**Alternative sites, routes and methods have been considered to the following extent:**

Alternatives have been considered. Refer to Section 7 of the AEE Report in Volume 2.

**The works and designation are reasonably necessary for achieving the objectives of the requiring authority because:**

The works and designation are reasonably necessary to meet the objectives of the New Zealand Transport Agency. Refer to Section 29 of the AEE Report in Volume 2.

The Works

The New Zealand Transport Agency's objective under section 94 of the Land Transport Management Act 2003 (LTMA) is "to undertake its functions in a way that contributes to an effective, efficient, and safe land transport system in the public interest". The works, as part of the Project, will assist the New Zealand Transport Agency in meeting this objective.

The New Zealand Transport Agency's objectives for the works, as part of the Project, are:

- Increase long-term corridor capacity, improve route quality and safety (e.g. gradient, alignment, overtaking), improve freight movement and provide resilience in the wider State Highway network through the addition of a 4 lane route;
- Increase travel time consistency and decrease travel times to and from the north end of the Johnstone's Hill tunnels and the north end of Warkworth;
- Alleviate congestion at Warkworth by providing a Warkworth bypass for through traffic; and
- Ensure the Warkworth to Wellsford Section of the Pūhoi to Wellsford Project is not compromised.

The works, as part of the Project will contribute to those objectives by:

- Providing for a complete bypass of Warkworth for through traffic;
- Not compromising the delivery of the Ara Tūhono Pūhoi to Wellsford Road of National Significance;
- Separating the alignment from the existing SH1, which will improve regional and national route security on the State highway network north of Auckland. Particular points noted are that:
  - Two routes will provide network resilience and a greater level of security and choice of travel between Auckland and Northland;
  - The new alignment will have improved slip stability as a result of engineered embankments with appropriate factors of safety, improving route resilience;
  - Instances of flooding closures will be less frequent on the new alignment, which has been designed to avoid flood paths and incorporates improved stormwater management systems;
  - The number of crashes is forecast to reduce, which will consequently reduce the number of times the route is closed; and
  - The provision of four traffic lanes (two in each direction) for the new alignment will allow the route to be opened sooner following an incident than is currently possible on the existing SH1 which is primarily a single carriageway.

The Designation

The New Zealand Transport Agency was approved under section 167 of the RMA as a requiring authority by the Resource Management (Approval of Transit New Zealand as Requiring Authority) Notice 1994 (a copy of this Notice is contained in Appendix A of the AEE Report, Volume 2). As a network utility operator and a requiring authority under section 167 of the RMA, the New Zealand Transport Agency may designate land, water, subsoil or airspace for the "construction and operation (including the maintenance, improvement, enhancement, expansion, realignment and alteration) of any State highway or motorway pursuant to the [Government Rounding Powers] Act 1989".

This designation is necessary as it will secure land required for the Project and will enable the New Zealand Transport Agency to carry out the works necessary for this part of the Project. The principal reasons for requiring a designation to facilitate the works this requirement relates to are:

- It will enable the New Zealand Transport Agency to achieve its objective under the LTMA;
- It is necessary for the New Zealand Transport Agency to achieve the specific Project objectives;
- It will allow the New Zealand Transport Agency and/or its authorised agents to undertake the works in accordance with the designation, notwithstanding anything contrary in the Auckland City District Plan;
- It will allow the land required to be identified in the Auckland City District Plan, giving a clear indication of the intended use of the land;
- It will enable the Project to be undertaken in a comprehensive and integrated manner; and
- It will protect the proposed route from future development which may otherwise preclude the construction of the Project.

**The following resource consents are needed for the proposed activity and have been applied for:**

Refer to Section 1.8 of the AEE Report in Volume 2.

**The following consultation has been undertaken with the parties that are likely to be affected:**

Refer to Section 8 of the AEE Report in Volume 2.

**Lapse period for the designation:**

The New Zealand Transport Agency seeks a lapse period of 15 years for the designation pursuant to section 184(1)(c) of the RMA. This period has been set having regard to the time anticipated to be required for the New Zealand Transport Agency to make substantial progress or efforts towards giving effect to the designation and works, including the completion of land purchase negotiations, detailed design and construction of the proposed Project. It also allows for an appropriate margin to address possible consenting, tendering, funding and construction processes.

**The New Zealand Transport Agency attaches the following information required to be included in this notice by the District Plan, Regional Plan or any regulations made under the Resource Management Act 1991:**

Volume 1	NORs and Land Requirement Plans and a schedule of land affected by the designation Resource consent applications
Volume 2	Assessment of Environmental Effects Report
Volume 3	Assessment reports
	Part 1      Air Quality Assessment Report Construction Noise Assessment Report Construction Traffic Assessment Report Construction Water Assessment Report
	Part 2      Freshwater Ecology Assessment Report Heritage Assessment Report Hydrogeology Assessment Report Marine Ecology Assessment Report
	Part 3      Terrestrial Ecology Assessment Report Vibration Assessment Report Cultural Assessment Report Landscape and Visual Assessment Report
	Part 4      Operation Noise Assessment Report Operational Water Assessment Report Transportation and Traffic Assessment Report
Volume 4	Drawings



## Part II: Matter Lodged With the EPA

### Sections 145, 148 and 149ZB, Resource Management Act 1991

This part of the form reflects the information requirements of Form 16A.

To the Environmental Protection Authority (EPA)

Insert full name of person lodging the matter (the applicant):

*The New Zealand Transport Agency.*

**Provide a description of the proposal to which the matter relates. Include the page number(s) where this information is included (eg, Volume 1, pages 1 to 10):**

The construction, operation and maintenance of a State highway, being the Ara Tūhono Pūhoi to Wellsford Road of National Significance – Pūhoi to Warkworth Section. Refer to Section 5 of the AEE Report, Volume 2 (referred to in this section as "the Proposal").

**List the relevant local authorities for the matter lodged: Include the page number(s) where this information is included (eg, Volume 1, pages 1 to 10):**

Auckland Council.

**This information accompanies:**

- ☒ 1 or more of the following applications for a resource consent
- ☐ 1 or more of the following applications for a change to or cancellation of the conditions of a resource consent
- ☐ 1 or more of the following requests for the preparation of a regional plan
- ☐ 1 or more of the following changes to a plan
- ☐ 1 or more of the following variations to a proposed plan
- ☒ 1 or more of the following notices of requirement for a designation or to alter a designation
- ☐ 1 or more of the following notices of requirement for a heritage order or to alter a heritage order.

**Provide details of the matter or matters. Please include the page number(s) where this information is included (eg, Volume 1, pages 1 to 10):**

Refer to Sections 1.7 and 1.8 of the AEE Report, Volume 2, for a discussion of the resource consents sought and the NORs for Designation and Alteration to Designation.

**The matter consists of one or more applications for resource consent, or an application to change or cancel the conditions of a resource consent, or a notice of requirement to alter a designation, or a notice of requirement to alter a heritage order, and relates to an activity that is part of a proposal of national significance in relation to which one or more matters have already been subject to a direction under section 142(2) or 147(1)(a) or (b) (please tick):**

- ☐ yes
- ☒ no

## ENVIRONMENTAL PROTECTION AUTHORITY

**Additional information that will help us in processing your application:**

If yes, please provide the following information to identify the matter for which a direction by the Minister under section 142(2) or 147(1)(a) or (b) has been made:

Project name: Ara Tūhono Pūhoi to Wellsford Road of National Significance – Pūhoi to Warkworth Section

EPA reference number: 33/001

EPA Project Leader: Jonathan Bengé

The matter relates (please tick one):

- ☐ wholly to the coastal marine area
- ☒ partly to the coastal marine area
- ☐ does not relate to the coastal marine area.

Please note, if the matter relates wholly to the coastal marine area references to the Minister in this form should be read as the Minister of Conservation. If the matter relates to the coastal marine area in part, references to the Minister in this form should be read as the Minister for the Environment and Minister of Conservation.

Please confirm that you wish the Minister to make a direction under section 147(1)(a) or (b) to refer the matter to a board of inquiry or to the Environment Court for decision, on the grounds that the matter is or is part of a matter of national significance. Please indicate your preference (tick):

- ☒ a direction to refer the matter to a board of inquiry
- ☐ a direction to refer the matter to the Environment Court.

Please note the Minister will only direct the matter to a board of inquiry or the Environment Court for decision if they consider that the matter is, or is part of, a proposal of national significance. In deciding whether a matter is, or is part of, a proposal of national significance the Minister may have regard to any relevant factor, including the factors set out in section 142(3) of the RMA.

**It would be helpful for you to indicate whether, in your view, any of the following factors are relevant to this matter (tick factors of relevance):**

- ☒ the matter has aroused widespread public concern or interest regarding its actual or likely effect on the environment (including the global environment)
- ☒ the matter involves, or is likely to involve, significant use of natural and physical resources
- ☐ the matter affects, or is likely to affect, a structure, feature, place, or area of national significance
- ☐ the matter affects, or is likely to affect, or is relevant to, New Zealand's international obligations to the global environment
- ☐ the matter results, or is likely to result, in or contribute to, significant or irreversible changes to the environment (including the global environment)



## ENVIRONMENTAL PROTECTION AUTHORITY

- ☐ the matter involves, or is likely to involve, technology, processes, or methods that are new to New Zealand and that may affect its environment
- ☐ the matter is, or is likely to be, significant in terms of section 8
- ☒ the matter will assist the Crown in fulfilling its public health, welfare, security, or safety obligations or functions
- ☐ the matter affects, or is likely to affect, more than one region or district
- ☐ the matter relates to a network utility operation that extends or is proposed to extend to more than one district or region
- ☐ other relevant factor(s).

**Please provide reasons why you consider that the selected factors support your application to have a direction made in relation to the matter.**

*The Proposal has aroused widespread public interest (section 142(3)(a)(i) of the RMA)*

The Ara Tūhono Pūhoi to Wellsford RoNS has been and continues to be the subject of considerable media and public interest since it was announced as a RoNS in 2009. This public interest has been reflected in the high attendance and interest at public open days and articles published in the media. Additionally, 46 landowners will be directly affected by the Proposal.

The New Zealand Transport Agency commenced public consultation June 2010. Since then, there have been four different phases of consultation. These consultation phases were linked to alterations to the design of the Proposal.

Phases one and two focused on the wider community, and close to 1000 submissions were received in each phase. Phases three and four focused on the directly affected landowners and neighbours of the alignment (approximately 300 landowners in phase three, and 200 landowners in phase four).

Across all the submissions received, there were five key themes: the Proposal's potential economic impact on Warkworth, safety concerns relating to the existing highway, additional access points at Woodcocks Road and at Pūhoi township, effects on visual, landscape and noise disturbance to personal property and the overall high cost associated with establishing the motorway.

*The Proposal involves or is likely to involve significant use of natural and physical resources (section 142(3)(a)(ii) of the RMA)*

Under the RMA, "natural and physical resources" includes "land, water, air, soil, minerals, and energy, all forms of plants and animals (whether native to New Zealand or introduced) and all structures."

The designation area is proposed to be 673 ha. The designation boundary provides for the necessary construction activities for the Proposal, including the motorway alignment and subsidiary work, such as construction yards, sediment treatment and fill disposal sites.

The Proposal is of a significant size and scale. The estimated cost of the Proposal to the New Zealand Transport Agency is approximately \$760m. The proposed construction duration is approximately five years.

The Proposal requires the acquisition of land from multiple landowners. This land includes both Crown land and privately owned property. In total, there are 129 parcels, including 18 Crown-owned land parcels that are required for the Proposal. In total, 46 landowners have land that needs to be acquired in whole or in part by the New Zealand Transport Agency to construct the motorway.

The designation will result in a significant change in land use. Currently, the land within the designation boundary supports various activities and land uses, including rural activities, plantation forestry, rural-residential subdivision and businesses. The Proposal will enable the designated land to be used as a State highway.

Earthworks for the Proposal will involve approximately 8.0M m<sup>3</sup> of cut and approximately 6.2M m<sup>3</sup> of fill material for road construction. The remaining approximately 1.8M m<sup>3</sup> of surplus material will likely be used within spoil disposal sites and landscaping works associated with the Proposal.

For these reasons, the New Zealand Transport Agency considers the Proposal is likely to involve the significant use of natural and physical resources.

## ENVIRONMENTAL PROTECTION AUTHORITY

*The Proposal will assist the Crown in fulfilling its public health, welfare, security, or safety obligations or functions (section 142(3)(a)(viii) of the RMA)*

The Proposal will provide an alternative route between Pūhoi and Warkworth from the current SH1. The route will provide greater security and resilience of the State highway network in the event of traffic incidents or natural hazards, which can result in the closure of the existing SH1.

Through the provision of a new 100kph four-lane alignment, the Proposal will significantly reduce travel times outside peak hours and allow journeys to be planned with a greater level of certainty. The Proposal will remove existing deterrents to travel in the corridor and improve accessibility between Auckland, Warkworth and Northland.

The provision of a more reliable State highway connection for motorists, freight and tourism will better connect Northland to Auckland and the Upper North Island. The New Zealand Transport Agency anticipates that the biggest regional growth benefit of the Proposal will be the improved economic development opportunities that better access will bring to the Auckland and Northland regions, particularly in Warkworth and Wellsford, as well as more broadly throughout the Northland region.

Improving transport connections and travel times between the main primary producing activities in Northland, particularly dairying, forestry and mining, and the major transport hubs at the Ports of Auckland and Tauranga, will deliver benefits for businesses in these industries.

From a safety perspective, there is an accident black spot along the existing SH1, at Schedewys Hill. The crash rates at this location currently far exceed the national average. Four fatal crashes have occurred between Pūhoi and Warkworth in the past five years, three of which were head-on collisions. The Proposal will assist the Crown in fulfilling its safety functions by providing a dual carriageway with improved road geometry designed, operated and constructed as a new motorway in accordance with RoNS standards.

For these reasons, the New Zealand Transport Agency considers the Proposal will assist the Crown in fulfilling its public health, welfare, security, or safety obligations or functions through provision of a safe, reliable, secure and resilient alternative route to the current SH1 between Pūhoi and Warkworth. The motorway will be designed, constructed and operated to the latest design and safety standards and will result in the more efficient movement of people and freight..

**Please provide the further views of the applicant regarding whether the matter should be referred to a board of inquiry or the Environment Court and any other recommendations sought as to the course of action.**

The New Zealand Transport Agency considers that a Board of Inquiry process will best enable a comprehensive assessment of the Proposal within a streamlined process with defined decision-making timeframes. It will greatly assist the New Zealand Transport Agency to have such certain timeframes. Given the widespread community interest in the Proposal, the New Zealand Transport Agency also considers that a Board of Inquiry process will enable public participation. For these reasons, the New Zealand Transport Agency's preference is that the Proposal be referred to a Board of Inquiry.

Please note that the applicant's views will be considered but will not determine the recommendation of the EPA or the Minister's direction.



## Part III: Additional Optional Information

**This part of the form includes additional information that will help in processing the application.**

**If would be helpful to provide the following information:**

- **a list of the local authorities under whose administrative jurisdiction resource consent is required, and any staff members that the proposal has been discussed with. Please include the page number(s) where this information is included, if provided (eg, Volume 1, pages 1 to 10):**

Auckland Council, including Peter Vari, Ryan Bradley and Warren McLennan (Policy) Andrew Gysberts and Sarah Haarhoff (Major Projects)

- **if the requiring authority is not the owner of the land to which the requirement applies, please attach details of all property owners and occupiers. Please include the page number(s) where this information is included, if provided (eg, Volume 1, pages 1 to 10):**

Please refer to the complete schedule of land affected by the designation in Land Requirement Plans referenced as Sheets LRP 100 – LRP 114 attached to this NOR for Designation.

## ENVIRONMENTAL PROTECTION AUTHORITY

## Part IV: Signature

I hereby certify that, to the best of my knowledge and belief, the information given in this application is true and correct.

I understand that the EPA can recover its actual and reasonable costs associated with processing this application



**Tommy Parker**

State Highway Manager – Auckland and Northland,  
New Zealand Transport Agency

23.08.13

Date

Address for service: New Zealand Transport Agency  
Private Bag 106602  
Auckland  
Attention: Patrick Kelly

Telephone: 09 9699800  
0272408826

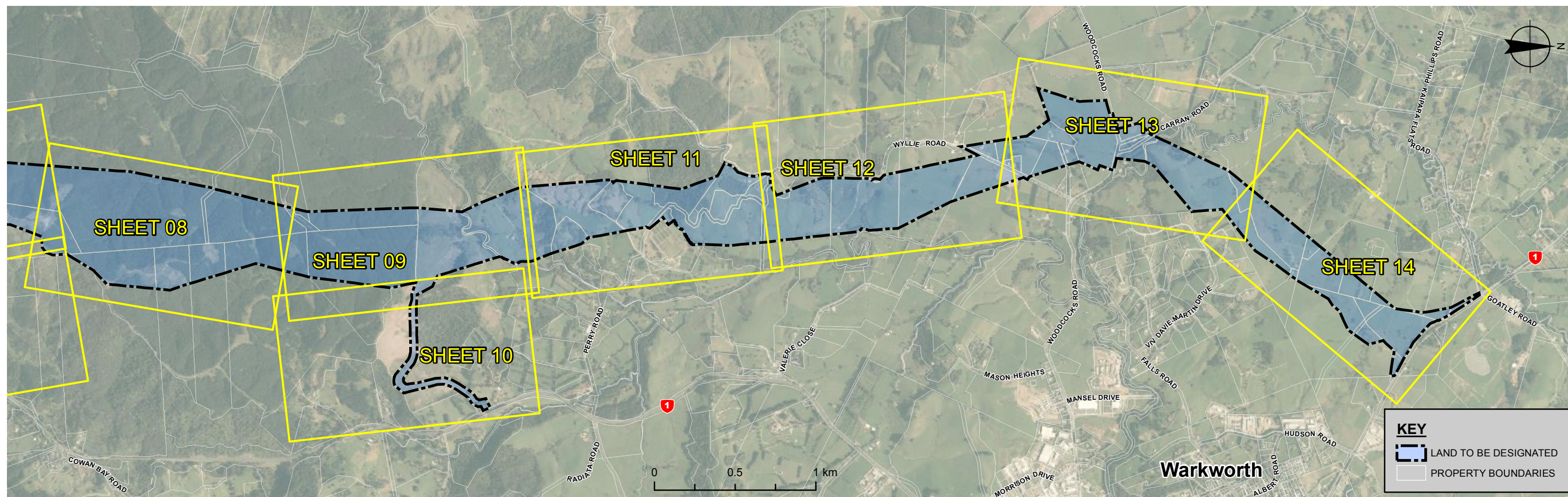
Email: patrick.kelly@nzta.govt.nz

Contact person: Patrick Kelly

**Additional contact information that would help us process your application:**

Additional contact representative:	Tony Innes
Service (ie, legal):	Further North Alliance Manager
Address:	Further North Level 2, Carlaw Park, 12-16 Nicholls Lane, Parnell, PO Box 9806, Newmarket, Auckland
Telephone:	09 928 5990 021 655 782
Email:	tinnes@furthernorth.co.nz
Billing address:	New Zealand Transport Agency
Telephone:	09 9699800
Email:	patrick.kelly@nzta.govt.nz
Contact person:	Patrick Kelly





0	30/08/13	KS	KS	Tl	ISSUE FOR NOR / CONSENT
AMD	DATE	DESIGN REVIEW	REVO D. MGR	APPD A. MGR	PURPOSE OF ISSUE / AMENDMENT



DISCLAIMER

**DISCLAIMER**  
The information shown on this drawing is solely for the purposes of supporting RMA applications for statutory approvals. All information shown is subject to review for compliance with approved consents and the outcomes of final design.

ARA TŪHONO - PŪHOI TO WELLSFORD

## PŪHOI TO WARKWORTH - FOR RMA APPROVALS

DRAWN JW	REVIEWED MAE	REVIEWED DISCIPLINE MANAGER	APPROVED ALLIANCE MANAGER
DESIGNED MRH	DESIGN REVIEW PK	KS	TI

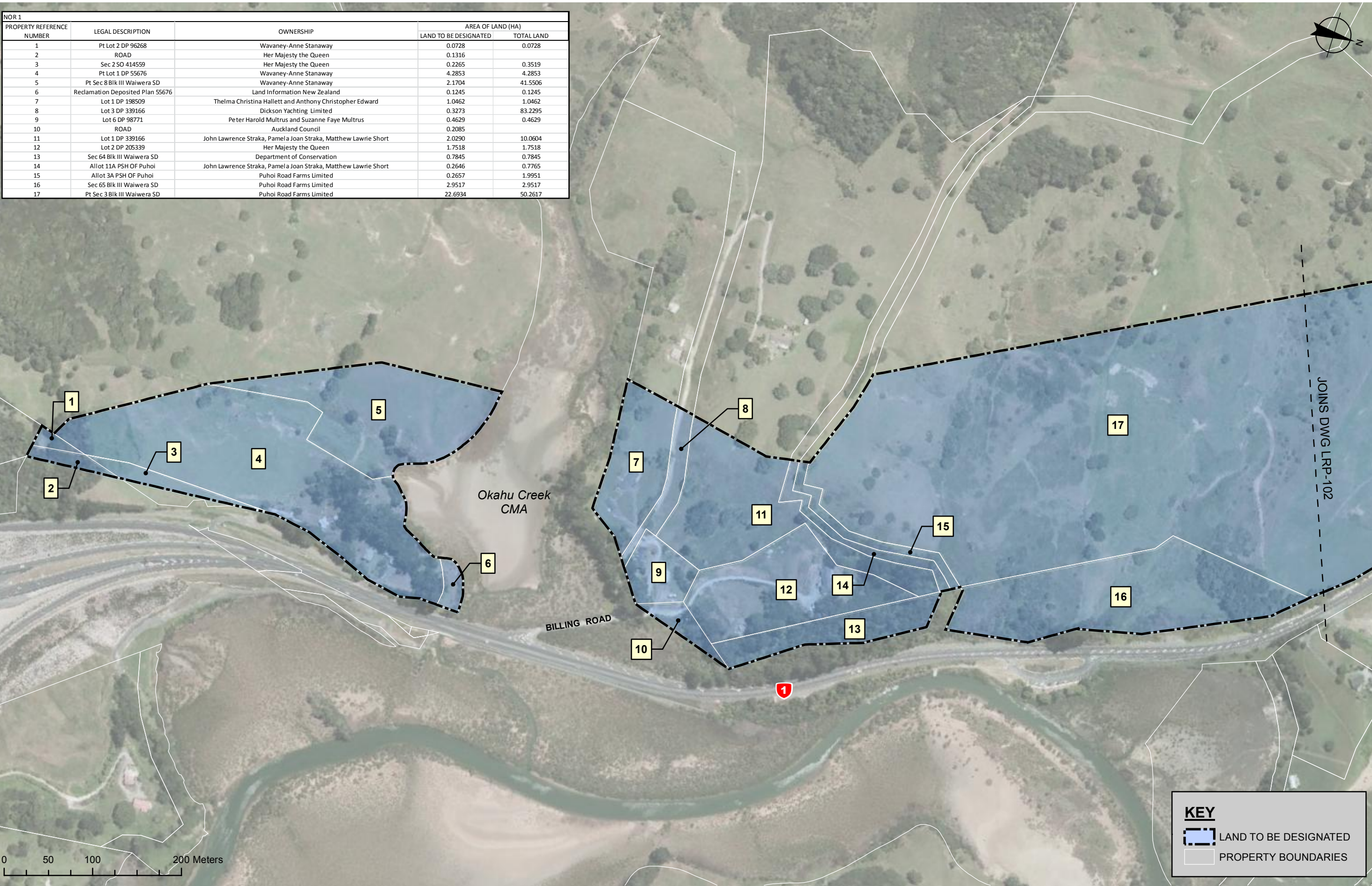
## LAND REQUIREMENT PLAN

## SHEET LAYOUT

SCALE	CONTRACT No	DRAWING No	AMDT
1:25,000	PA3748	LRP-100	0



NOR 1				
PROPERTY REFERENCE NUMBER	LEGAL DESCRIPTION	OWNERSHIP	AREA OF LAND (HA)	
			LAND TO BE DESIGNATED	TOTAL LAND
1	Pt Lot 2 DP 96268	Wavaney-Anne Stanaway	0.0728	0.0728
2	ROAD	Her Majesty the Queen	0.1316	
3	Sec 2 SO 414559	Her Majesty the Queen	0.2265	0.3519
4	Pt Lot 1 DP 55676	Wavaney-Anne Stanaway	4.2853	4.2853
5	Pt Sec 8 Blk III Waiwera SD	Wavaney-Anne Stanaway	2.1704	41.5506
6	Reclamation Deposited Plan 55676	Land Information New Zealand	0.1245	0.1245
7	Lot 1 DP 198509	Thelma Christina Hallett and Anthony Christopher Edward	1.0462	1.0462
8	Lot 3 DP 339166	Dickson Yachting Limited	0.3273	83.2295
9	Lot 6 DP 98771	Peter Harold Multrus and Suzanne Faye Multrus	0.4629	0.4629
10	ROAD	Auckland Council	0.2085	
11	Lot 1 DP 339166	John Lawrence Straka, Pamela Joan Straka, Matthew Lawrie Short	2.0290	10.0604
12	Lot 2 DP 205339	Her Majesty the Queen	1.7518	1.7518
13	Sec 64 Blk III Waiwera SD	Department of Conservation	0.7845	0.7845
14	Allot 11A PSH OF Puhoi	John Lawrence Straka, Pamela Joan Straka, Matthew Lawrie Short	0.2646	0.7765
15	Allot 3A PSH OF Puhoi	Puhoi Road Farms Limited	0.2657	1.9951
16	Sec 65 Blk III Waiwera SD	Puhoi Road Farms Limited	2.9517	2.9517
17	Pt Sec 3 Blk III Waiwera SD	Puhoi Road Farms Limited	22.6934	50.2617



0	30/08/13	KS	KS	TI	ISSUE FOR NOR / CONSENT
AMD	DATE	DESIGN REVIEW	REV'D D. MGR	APPR'D A. MGR	PURPOSE OF ISSUE / AMENDMENT



NZ TRANSPORT AGENCY

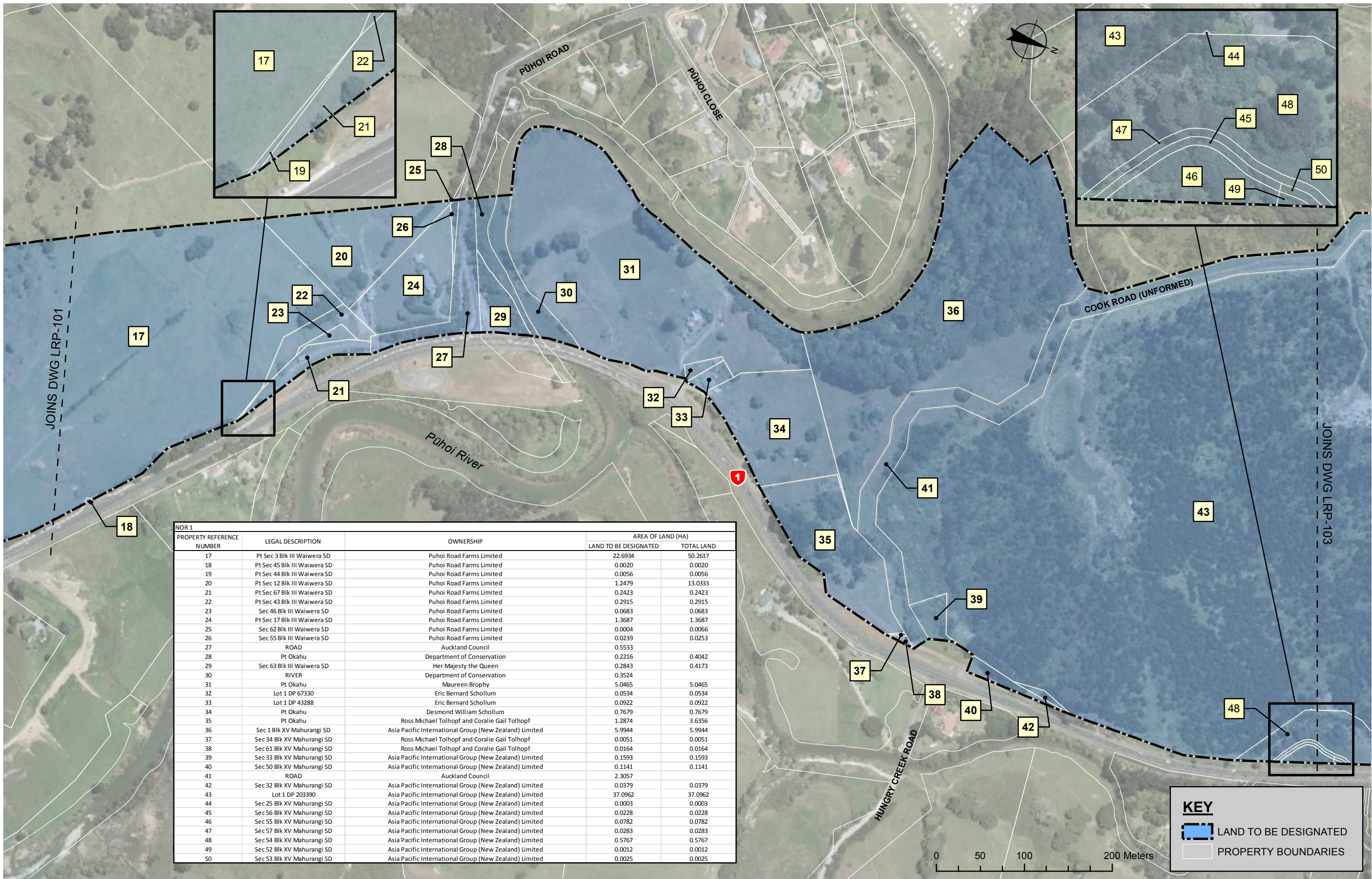
WAKA KOTAHĪ

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ARA TŪHONO - PŪHOI TO WELLSFORD			
PŪHOI TO WARKWORTH - FOR RMA APPROVALS			
DRAWN	REVIEWED	REVIEWED DISCIPLINE MANAGER	APPROVED ALLIANCE MANAGER
JW	MAE	KS	TI
DESIGNED	DESIGN REVIEW		
MRH	PK		

LAND REQUIREMENT PLAN			
SHEET 1 OF 14			
SCALE	CONTRACT No	DRAWING No	AMDT
1:4,000	PA3748	LRP-101	0





0	30/08/13	KS	KS	TI	ISSUE FOR NOR / CONSENT				
AMD	DATE	DESIGN REVIEW	REV'D MGR	APP'D A.MGR	PURPOSE OF ISSUE / AMENDMENT				



DISCLAIMER

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ARA TŪHONO - PŪHOI TO WELLSFORD

PŪHOI TO WARKWORTH - FOR RMA APPROVALS

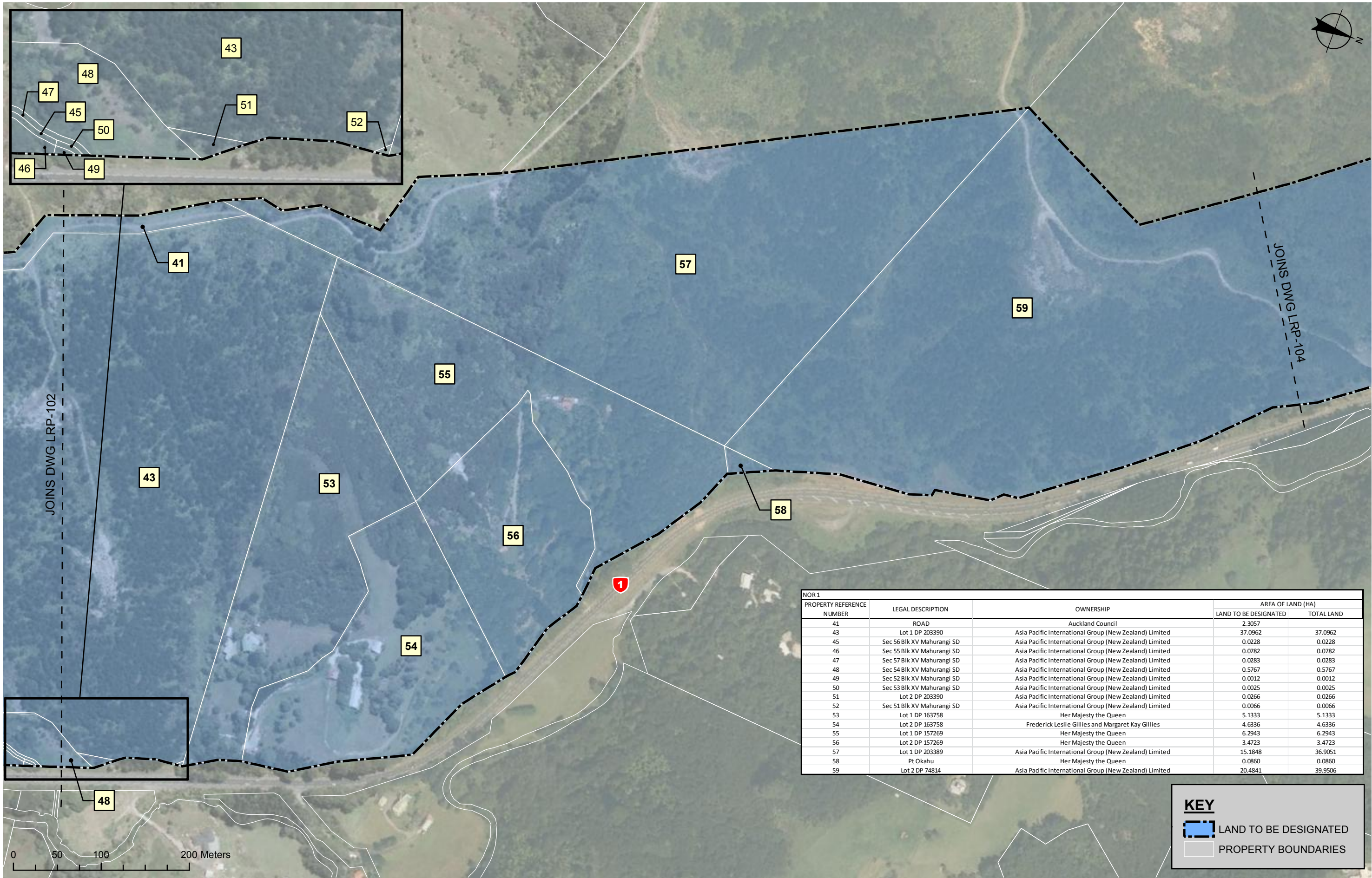
DRAWN	JW	REVIEWED	MAE	REVIEWED DISCIPLINE MANAGER	KS	APPROVED ALLIANCE MANAGER	TI
DESIGNED	MRH	DESIGN REVIEW	PK				

LAND REQUIREMENT PLAN

SHEET 2 OF 14

SCALE	1:4,000	CONTRACT No	PA3748	DRAWING No	LRP-102	AMDT	0
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NOR 1				
PROPERTY REFERENCE NUMBER	LEGAL DESCRIPTION	OWNERSHIP	AREA OF LAND (HA)	
			LAND TO BE DESIGNATED	TOTAL LAND
41	ROAD	Auckland Council	2.3057	
43	Lot 1 DP 203390	Asia Pacific International Group (New Zealand) Limited	37.0962	37.0962
45	Sec 56 Blk XV Mahurangi SD	Asia Pacific International Group (New Zealand) Limited	0.0228	0.0228
46	Sec 55 Blk XV Mahurangi SD	Asia Pacific International Group (New Zealand) Limited	0.0782	0.0782
47	Sec 57 Blk XV Mahurangi SD	Asia Pacific International Group (New Zealand) Limited	0.0283	0.0283
48	Sec 54 Blk XV Mahurangi SD	Asia Pacific International Group (New Zealand) Limited	0.5767	0.5767
49	Sec 52 Blk XV Mahurangi SD	Asia Pacific International Group (New Zealand) Limited	0.0012	0.0012
50	Sec 53 Blk XV Mahurangi SD	Asia Pacific International Group (New Zealand) Limited	0.0025	0.0025
51	Lot 2 DP 203390	Asia Pacific International Group (New Zealand) Limited	0.0266	0.0266
52	Sec 51 Blk XV Mahurangi SD	Asia Pacific International Group (New Zealand) Limited	0.0066	0.0066
53	Lot 1 DP 163758	Her Majesty the Queen	5.1333	5.1333
54	Lot 2 DP 163758	Frederick Leslie Gillies and Margaret Kay Gillies	4.6336	4.6336
55	Lot 1 DP 157269	Her Majesty the Queen	6.2943	6.2943
56	Lot 2 DP 157269	Her Majesty the Queen	3.4723	3.4723
57	Lot 1 DP 203389	Asia Pacific International Group (New Zealand) Limited	15.1848	36.9051
58	Pt Okahu	Her Majesty the Queen	0.0860	0.0860
59	Lot 2 DP 74814	Asia Pacific International Group (New Zealand) Limited	20.4841	39.9506

KEY

- LAND TO BE DESIGNATED
- PROPERTY BOUNDARIES

0	30/08/13	KS	KS	TI	ISSUE FOR NOR / CONSENT				
AMD	DATE	DESIGN REVIEW	REV'D MGR	APPR'D MGR	PURPOSE OF ISSUE / AMENDMENT				



DISCLAIMER

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ARA TŪHONO - PŪHOI TO WELLSFORD			
PŪHOI TO WARKWORTH - FOR RMA APPROVALS			
DRAWN	JW	REVIEWED	MAE
DESIGNED	MRH	DESIGN REVIEW	PK
		REVIEWED DISCIPLINE MANAGER	KS
		APPROVED ALLIANCE MANAGER	TI


LAND REQUIREMENT PLAN

SHEET 3 OF 14

SCALE	1:4,000	CONTRACT No	PA3748	DRAWING No	LRP-103	AMDT	0
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NOR 1				
PROPERTY REFERENCE NUMBER	LEGAL DESCRIPTION	OWNERSHIP	AREA OF LAND (HA)	
			LAND TO BE DESIGNATED	TOTAL LAND
59	Lot 2 DP 74814	Asia Pacific International Group (New Zealand) Limited	20.4841	39.9506
60	Lot 1 DP 74814	Fernbrook Farm Limited	15.3984	46.6598
61	Pt Allot 116 PSH OF Puhoi	Richard Brimble Hyssett and Gaylene Iris Robyn Hyssett	4.0367	4.0367
62	Allot 186 PSH OF Puhoi	Richard Brimble Hyssett and Gaylene Iris Robyn Hyssett	0.0101	0.0101
63	Lot 6 DP 52247	Richard Brimble Hyssett and Gaylene Iris Robyn Hyssett	0.0001	0.0001
64	Lot 4 DP 52247	Fernbrook Farm Limited	0.0377	0.0377
65	Lot 3 DP 52247	Richard Brimble Hyssett and Gaylene Iris Robyn Hyssett	0.0071	0.0071
66	Lot 7 DP 52247	Richard Brimble Hyssett and Gaylene Iris Robyn Hyssett	0.0220	0.0220
67	Lot 5 DP 52247	Fernbrook Farm Limited	0.5792	0.5792
68	Pt Allot 184 PSH OF Puhoi	Fernbrook Farm Limited	0.2293	0.2593
69	Allot 409 PSH OF Puhoi	Fernbrook Farm Limited	1.0114	1.0114
70	Lot 1 DP 52247	Fernbrook Farm Limited	0.1811	0.1811
71	Pt Allot 116 PSH OF Puhoi	Fernbrook Farm Limited	0.0395	0.0395
72	ROAD	Her Majesty the Queen	0.1407	
73	Lot 1 DP 50685	Fernbrook Farm Limited	30.5217	69.2797
74	STREAM	(Non tidal) Presumptive ownership right to adjoining owners	0.3756	
75	Lot 6 DP 87207	Asia Pacific International Group (New Zealand) Limited	48.0137	101.7900



NZ TRANSPORT AGENCY

WAKA KOTAHI

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ARA TŪHONO - PŪHOI TO WELLSFORD

PŪHOI TO WARKWORTH - FOR RMA APPROVALS

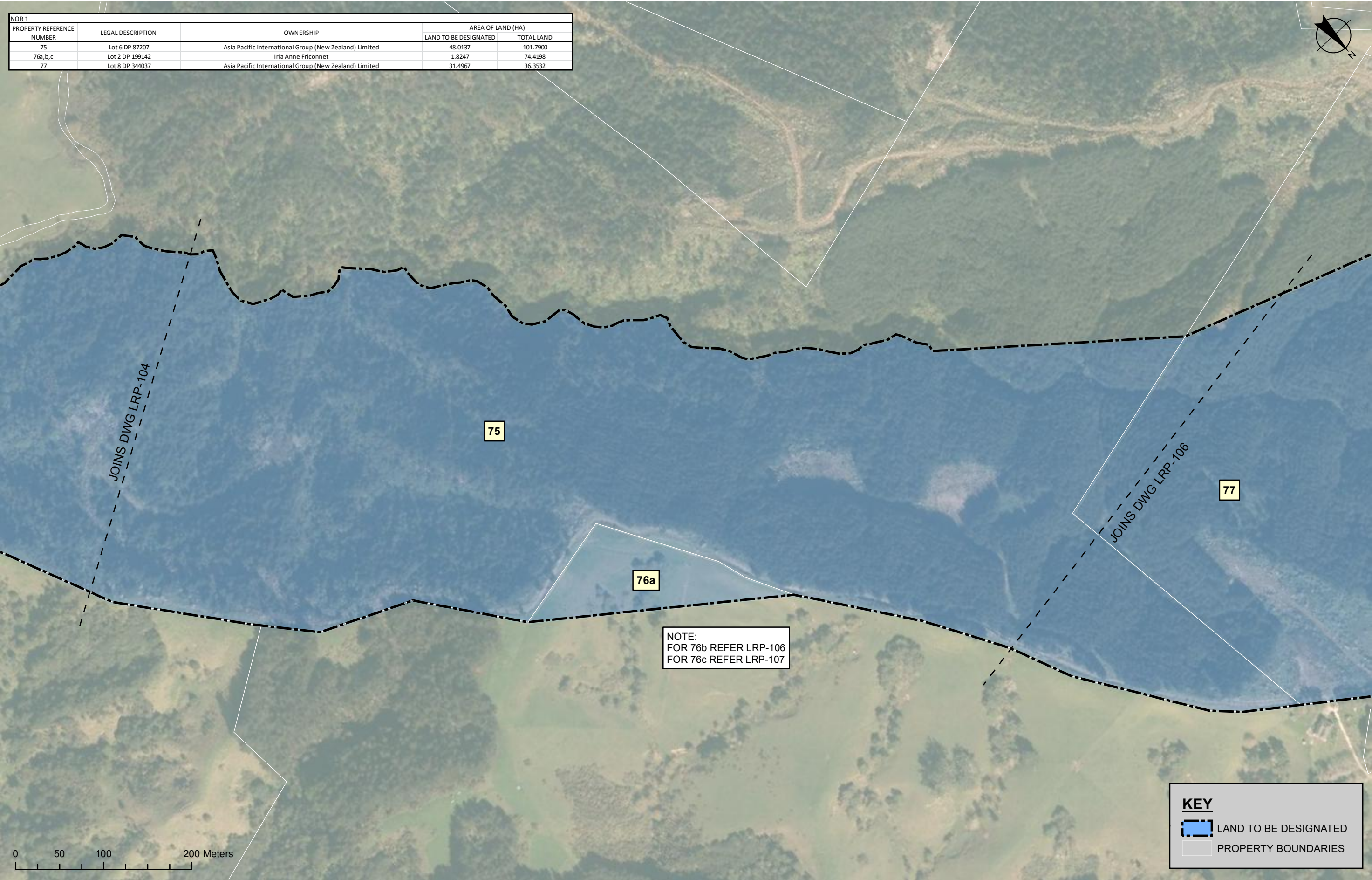
DRAWN	JW	REVIEWED	MAE	REVIEWED DISCIPLINE MANAGER	APPROVED ALLIANCE MANAGER
DESIGNED	MRH	DESIGN REVIEW	PK	KS	TI

LAND REQUIREMENT PLAN

SHEET 4 OF 14

SCALE	CONTRACT No	DRAWING No	AMDT
1:4,000	PA3748	LRP-104	0





0	30/08/13	KS	KS	TI	ISSUE FOR NOR / CONSENT				
AMD	DATE	DESIGN REVIEW	REV'D D. MGR	APPR'D A. MGR	PURPOSE OF ISSUE / AMENDMENT				



NZ TRANSPORT AGENCY

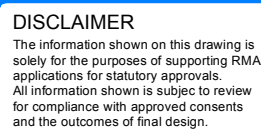
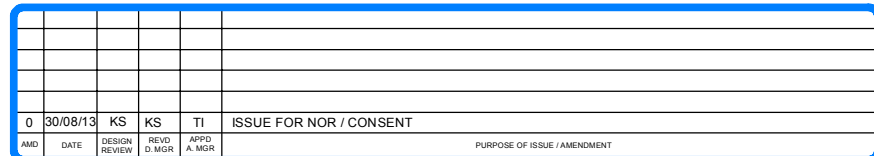
WAKA KOTAHĪ

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ARA TŪHONO - PŪHOI TO WELLSFORD			
PŪHOI TO WARKWORTH - FOR RMA APPROVALS			
DRAWN	JW	REVIEWED	MAE
DESIGNED	MRH	DESIGN REVIEW	PK
		REVIEWED DISCIPLINE MANAGER	KS
		APPROVED ALLIANCE MANAGER	TI

LAND REQUIREMENT PLAN			
SHEET 5 OF 14			
SCALE	1:4,000	CONTRACT No	PA3748
		DRAWING No	LRP-105
		AMDT	0



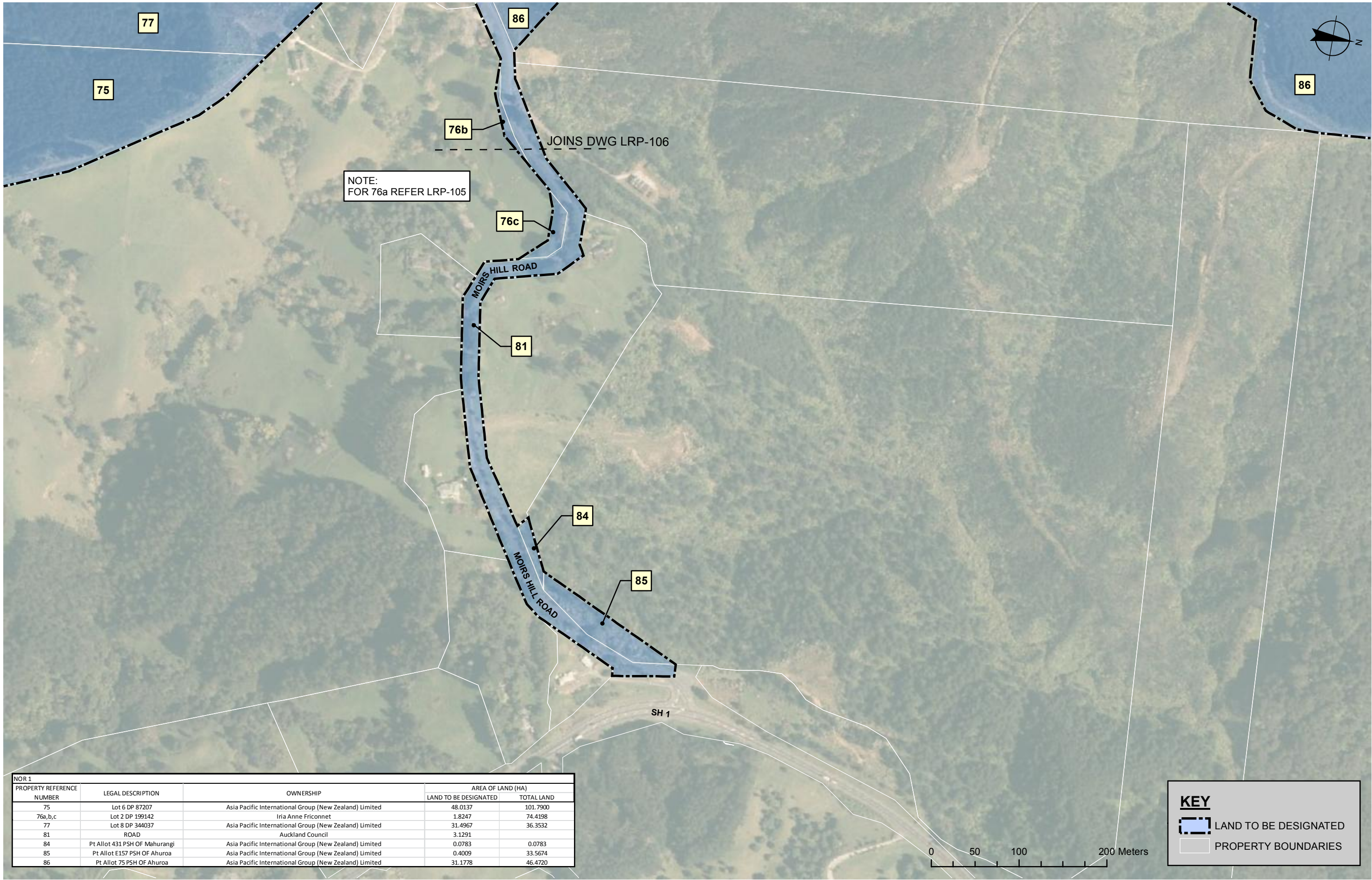


# LAND REQUIREMENT PLAN

## SHEET 6 OF 14

SCALE	1:4,000	CONTRACT No.	PA3748	DRAWING No.	LRP-106	AMDT	0
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NOR 1				
PROPERTY REFERENCE NUMBER	LEGAL DESCRIPTION	OWNERSHIP	AREA OF LAND (HA)	
			LAND TO BE DESIGNATED	TOTAL LAND
75	Lot 6 DP 87207	Asia Pacific International Group (New Zealand) Limited	48.0137	101.7900
76a,b,c	Lot 2 DP 199142	Iria Anne Friconnet	1.8247	74.4198
77	Lot 8 DP 344037	Asia Pacific International Group (New Zealand) Limited	31.4967	36.3532
81	ROAD	Auckland Council	3.1291	
84	Pt Allot 431 PSH OF Mahurangi	Asia Pacific International Group (New Zealand) Limited	0.0783	0.0783
85	Pt Allot E157 PSH OF Ahuroa	Asia Pacific International Group (New Zealand) Limited	0.4009	33.5674
86	Pt Allot 75 PSH OF Ahuroa	Asia Pacific International Group (New Zealand) Limited	31.1778	46.4720

KEY

LAND TO BE DESIGNATED

PROPERTY BOUNDARIES

0	30/08/13	KS	KS	TI	ISSUE FOR NOR / CONSENT
AMD	DATE	DESIGN REVIEW	REV'D D. MGR	APPR'D A. MGR	PURPOSE OF ISSUE / AMENDMENT



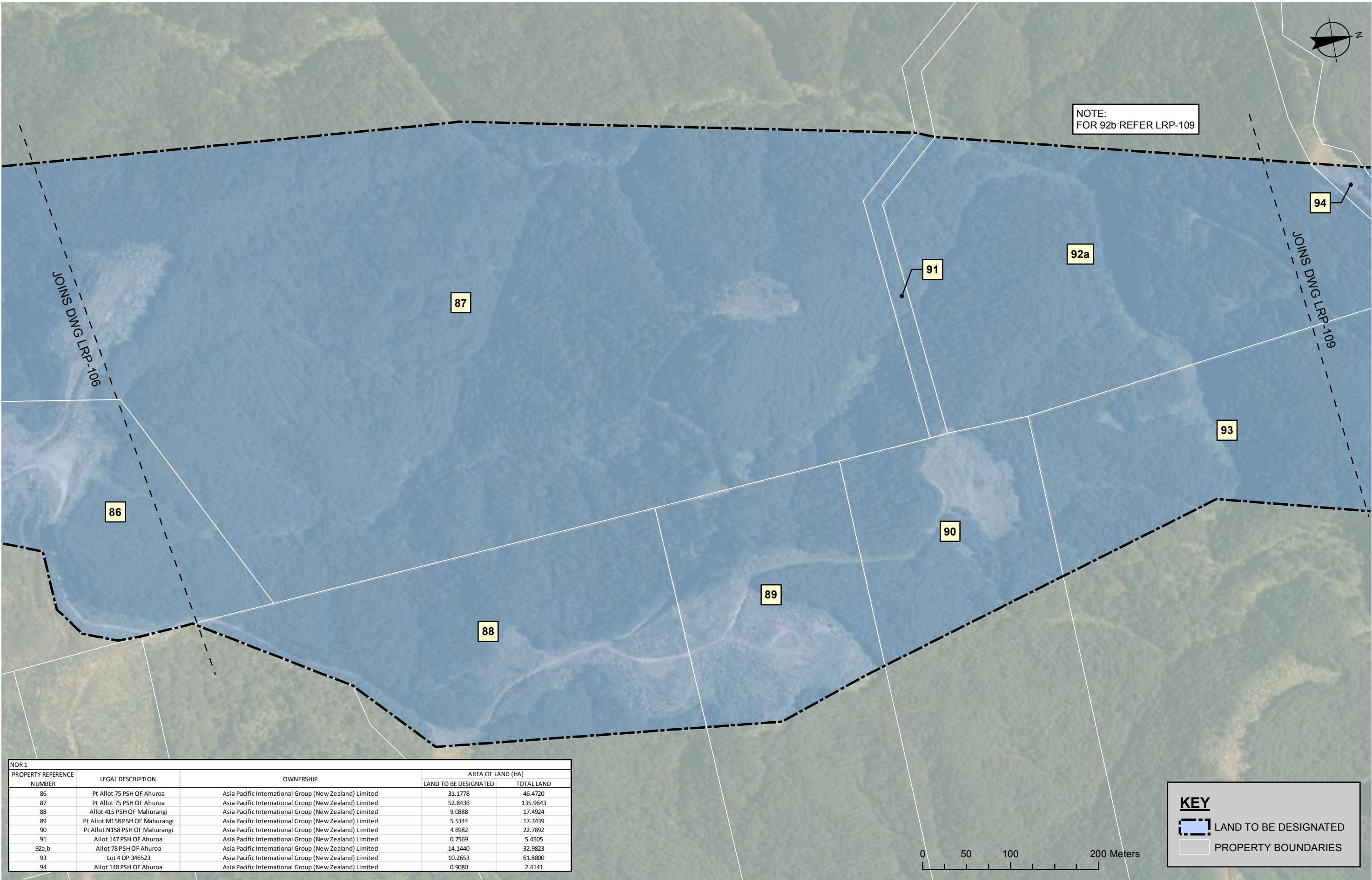
DISCLAIMER

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ARA TŪHONO - PŪHOI TO WELLSFORD			
PŪHOI TO WARKWORTH - FOR RMA APPROVALS			
DRAWN	JW	REVIEWED	MAE
DESIGNED	MRH	DESIGN REVIEW	PK
DISCIPLINE MANAGER		APPROVED ALLIANCE MANAGER	
KS		TI	

LAND REQUIREMENT PLAN			
SHEET 7 OF 14			
SCALE	1:4,000	CONTRACT No	PA3748
DRAWING No	LRP-107	AMDT	0





NOR 1				
PROPERTY REFERENCE NUMBER	LEGAL DESCRIPTION	OWNERSHIP	AREA OF LAND (HA)	
			LAND TO BE DESIGNATED	TOTAL LAND
86	Pt Allot 75 PSH OF Ahuroa	Asia Pacific International Group (New Zealand) Limited	31.1778	46.4720
87	Pt Allot 75 PSH OF Ahuroa	Asia Pacific International Group (New Zealand) Limited	52.8436	135.9643
88	Allot 415 PSH OF Mahurangi	Asia Pacific International Group (New Zealand) Limited	9.0888	17.4924
89	Pt Allot M158 PSH OF Mahurangi	Asia Pacific International Group (New Zealand) Limited	5.5344	17.3439
90	Pt Allot N158 PSH OF Mahurangi	Asia Pacific International Group (New Zealand) Limited	4.6982	22.7892
91	Allot 147 PSH OF Ahuroa	Asia Pacific International Group (New Zealand) Limited	0.7569	5.4505
92a,b	Allot 78 PSH OF Ahuroa	Asia Pacific International Group (New Zealand) Limited	14.1440	32.9823
93	Lot 4 DP 346523	Asia Pacific International Group (New Zealand) Limited	10.2653	61.8800
94	Allot 148 PSH OF Ahuroa	Asia Pacific International Group (New Zealand) Limited	0.9080	2.4141

0	30/08/13	KS	KS	TI	ISSUE FOR NOR / CONSENT				
AMD	DATE	DESIGN REVIEW	REV'D MGR	APPR'D MGR	PURPOSE OF ISSUE / AMENDMENT				



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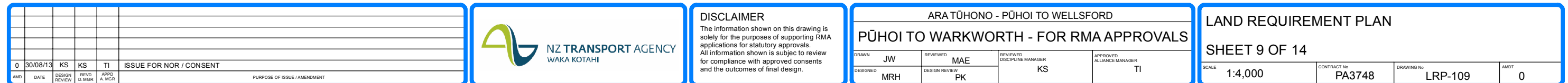
WAKA KOTAHĪ

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ARA TŪHONO - PŪHOI TO WELLSFORD			
PŪHOI TO WARKWORTH - FOR RMA APPROVALS			
DRAWN	JW	REVIEWED	MAE
DESIGNED	MRH	DESIGN REVIEW	PK
DISCIPLINE MANAGER		APPROVED ALLIANCE MANAGER	
KS		TI	

LAND REQUIREMENT PLAN			
SHEET 8 OF 14			
SCALE	1:4,000	CONTRACT No	PA3748
DRAWING No	LRP-108	AMDT	0









0	30/08/13	KS	KS	TI	ISSUE FOR NOR / CONSENT	
AMD	DATE	DESIGN REVIEW	REVIEW C. MGR	APPROV A. MGR	PURPOSE OF ISSUE / AMENDMENT	



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## PŪHOI TO WARKWORTH - FOR RMA APPROVALS

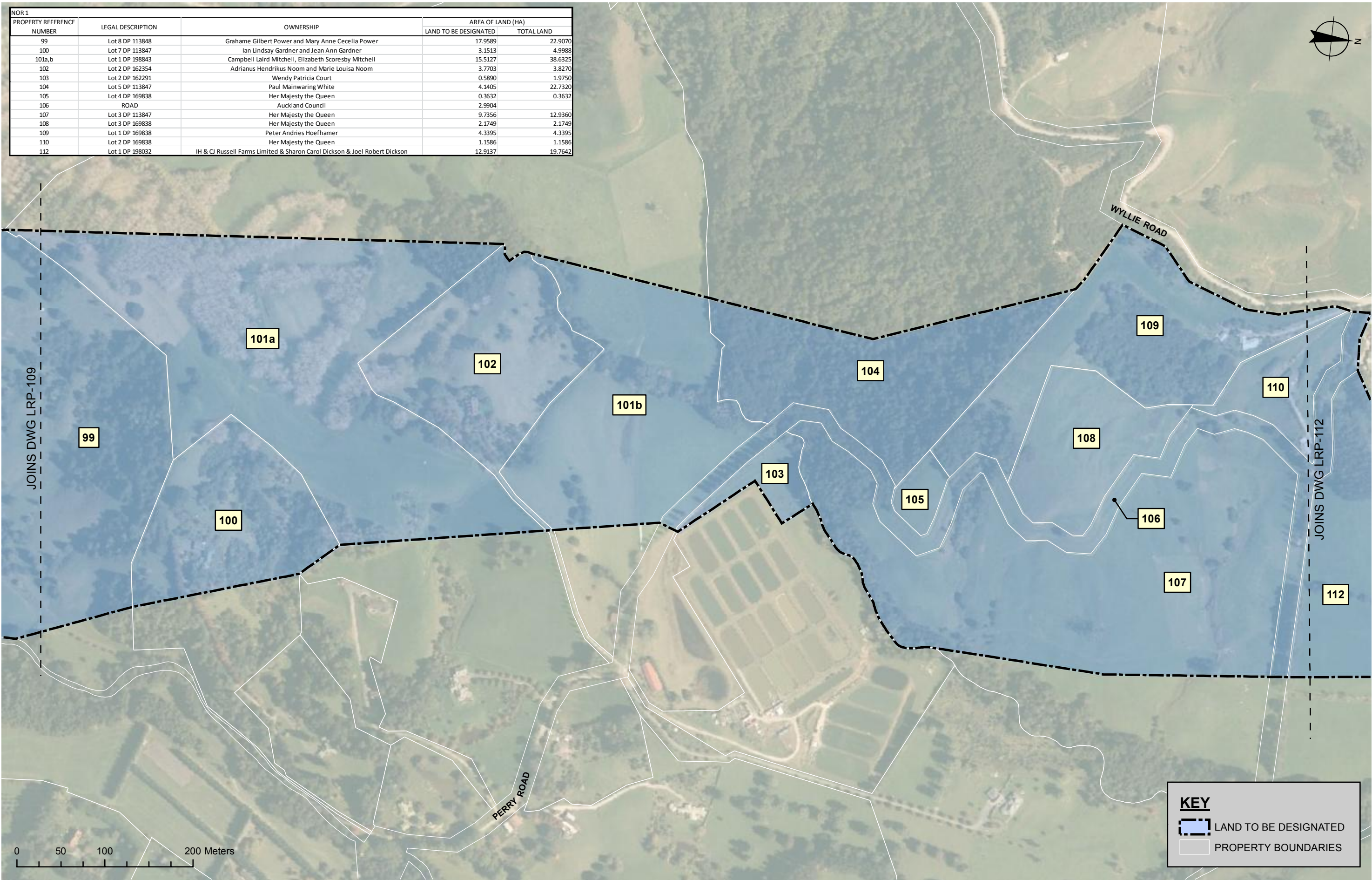
DRAWN	JW	REVIEWED	MAE	REVIEWED DISCIPLINE MANAGER	APPROVED ALLIANCE MANAGER
DESIGNED	MRH	DESIGN REVIEW	PK		

SHEET 10 OF 14

SCALE	CONTRACT No	DRAWING No	AMDT
1:4,000	PA3748	LRP-110	0



NOR 1				
PROPERTY REFERENCE NUMBER	LEGAL DESCRIPTION	OWNERSHIP	AREA OF LAND (HA)	
			LAND TO BE DESIGNATED	TOTAL LAND
99	Lot 8 DP 113848	Grahame Gilbert Power and Mary Anne Cecelia Power	17.9589	22.9070
100	Lot 7 DP 113847	Ian Lindsay Gardner and Jean Ann Gardner	3.1513	4.9988
101a,b	Lot 1 DP 198843	Campbell Laird Mitchell, Elizabeth Scoresby Mitchell	15.5127	38.6325
102	Lot 2 DP 162354	Adrianus Hendrikus Noom and Marie Louisa Noom	3.7703	3.8270
103	Lot 2 DP 162291	Wendy Patricia Court	0.5890	1.9750
104	Lot 5 DP 113847	Paul Mainwaring White	4.1405	22.7320
105	Lot 4 DP 169838	Her Majesty the Queen	0.3632	0.3632
106	ROAD	Auckland Council	2.9904	
107	Lot 3 DP 113847	Her Majesty the Queen	9.7356	12.9360
108	Lot 3 DP 169838	Her Majesty the Queen	2.1749	2.1749
109	Lot 1 DP 169838	Peter Andries Hoefhamer	4.3395	4.3395
110	Lot 2 DP 169838	Her Majesty the Queen	1.1586	1.1586
112	Lot 1 DP 198032	IH & CJ Russell Farms Limited & Sharon Carol Dickson & Joel Robert Dickson	12.9137	19.7642



0	30/08/13	KS	KS	TI	ISSUE FOR NOR / CONSENT	
AMD	DATE	DESIGN REVIEW	REV'D MGR	APP'D A. MGR	PURPOSE OF ISSUE / AMENDMENT	



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WAKA KOTAHĪ

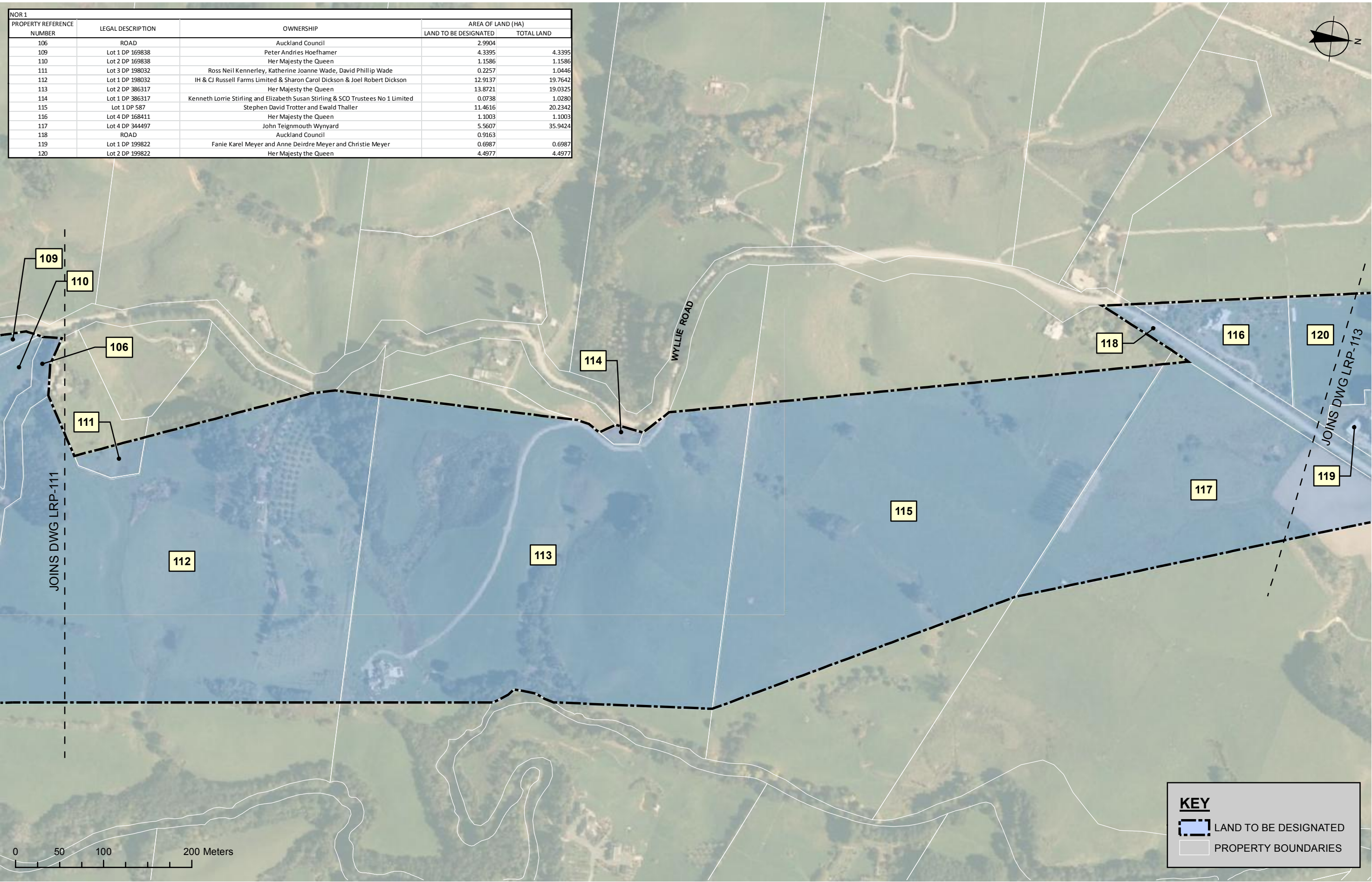
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ARA TŪHONO - PŪHOI TO WELLSFORD			
PŪHOI TO WARKWORTH - FOR RMA APPROVALS			
DRAWN	REVIEWED	REVIEWED	APPROVED
JW	MAE	DISCIPLINE MANAGER	ALLIANCE MANAGER
DESIGNED	DESIGN REVIEW	KS	TI
MRH	PK		

LAND REQUIREMENT PLAN			
SHEET 11 OF 14			
SCALE	CONTRACT No	DRAWING No	AMDT
1:4,000	PA3748	LRP-111	0



NOR 1				
PROPERTY REFERENCE NUMBER	LEGAL DESCRIPTION	OWNERSHIP	AREA OF LAND (HA)	
			LAND TO BE DESIGNATED	TOTAL LAND
106	ROAD	Auckland Council	2.9904	
109	Lot 1 DP 169838	Peter Andries Hoefhamer	4.3395	4.3395
110	Lot 2 DP 169838	Her Majesty the Queen	1.1586	1.1586
111	Lot 3 DP 198032	Ross Neil Kennerley, Katherine Joanne Wade, David Phillip Wade	0.2257	1.0446
112	Lot 1 DP 198032	IH & CJ Russell Farms Limited & Sharon Carol Dickson & Joel Robert Dickson	12.9137	19.7642
113	Lot 2 DP 386317	Her Majesty the Queen	13.8721	19.0325
114	Lot 1 DP 386317	Kenneth Lorrie Stirling and Elizabeth Susan Stirling & SCO Trustees No 1 Limited	0.0738	1.0280
115	Lot 1 DP 587	Stephen David Trotter and Ewald Thaller	11.4616	20.2342
116	Lot 4 DP 168411	Her Majesty the Queen	1.1003	1.1003
117	Lot 4 DP 344497	John Teignmouth Wynyard	5.5607	35.9424
118	ROAD	Auckland Council	0.9163	
119	Lot 1 DP 199822	Fanie Karel Meyer and Anne Deirdre Meyer and Christie Meyer	0.6987	0.6987
120	Lot 2 DP 199822	Her Majesty the Queen	4.4977	4.4977



0	30/08/13	KS	KS	TI	ISSUE FOR NOR / CONSENT	
AMD	DATE	DESIGN REVIEW	REV'D D. MGR	APPR'D A. MGR	PURPOSE OF ISSUE / AMENDMENT	



NZ TRANSPORT AGENCY

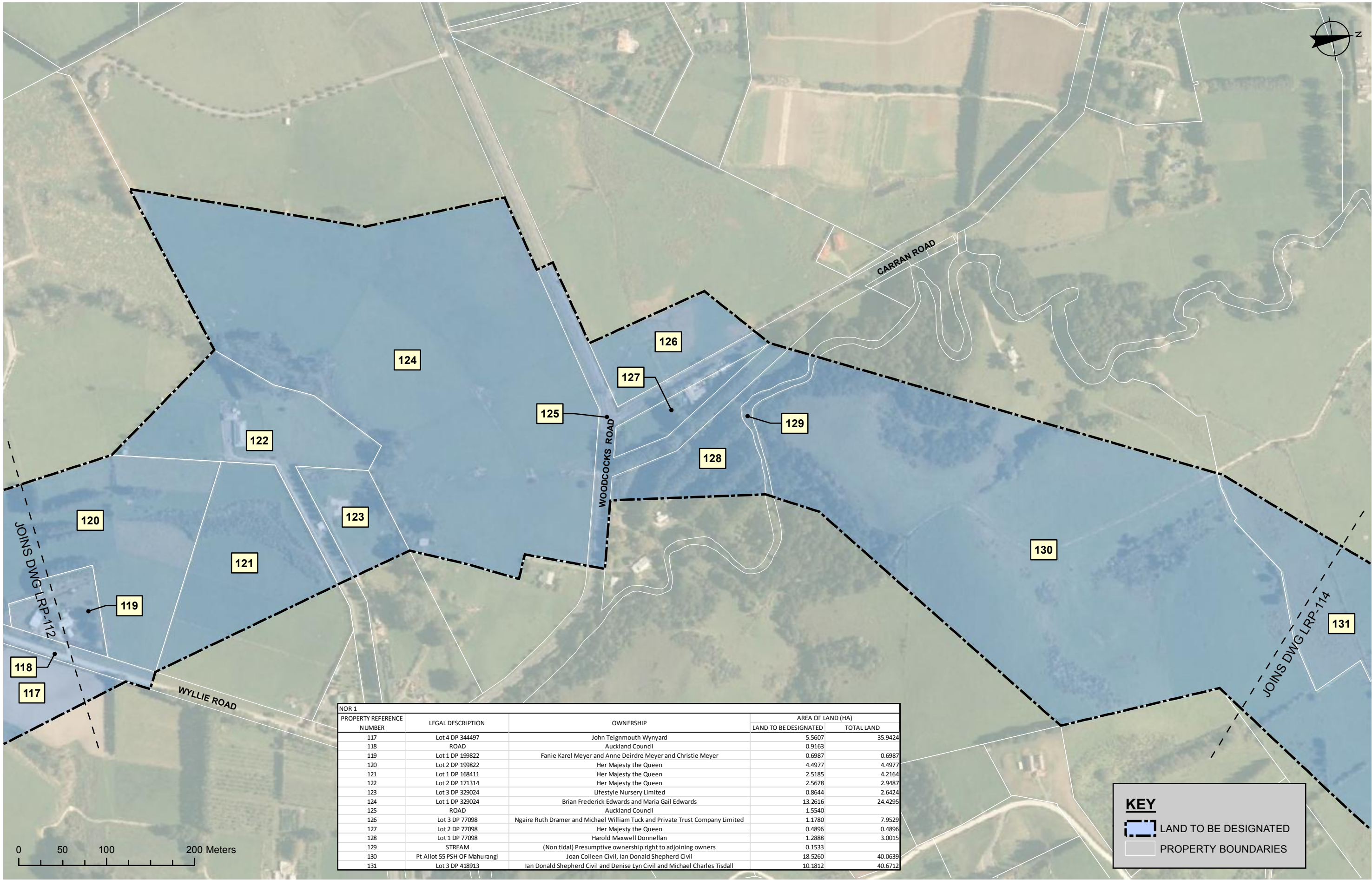
WAKA KOTAHĀ

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ARA TŪHONO - PŪHOI TO WELLSFORD			
PŪHOI TO WARKWORTH - FOR RMA APPROVALS			
DRAWN	JW	REVIEWED	MAE
DESIGNED	MRH	DESIGN REVIEW	PK
DISCIPLINE MANAGER		APPROVED ALLIANCE MANAGER	
KS		TI	

LAND REQUIREMENT PLAN			
SHEET 12 OF 14			
SCALE	1:4,000	CONTRACT No	PA3748
DRAWING No	LRP-112	AMDT	0





0	30/08/13	KS	KS	TI	ISSUE FOR NOR / CONSENT				
AMD	DATE	DESIGN REVIEW	REV'D MGR	APPR'D MGR	PURPOSE OF ISSUE / AMENDMENT				



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ARA TŪHONO - PŪHOI TO WELLSFORD			
PŪHOI TO WARKWORTH - FOR RMA APPROVALS			
DRAWN	JW	REVIEWED	MAE
DESIGNED	MRH	DESIGN REVIEW	PK
DISCIPLINE MANAGER		APPROVED ALLIANCE MANAGER	
KS		TI	

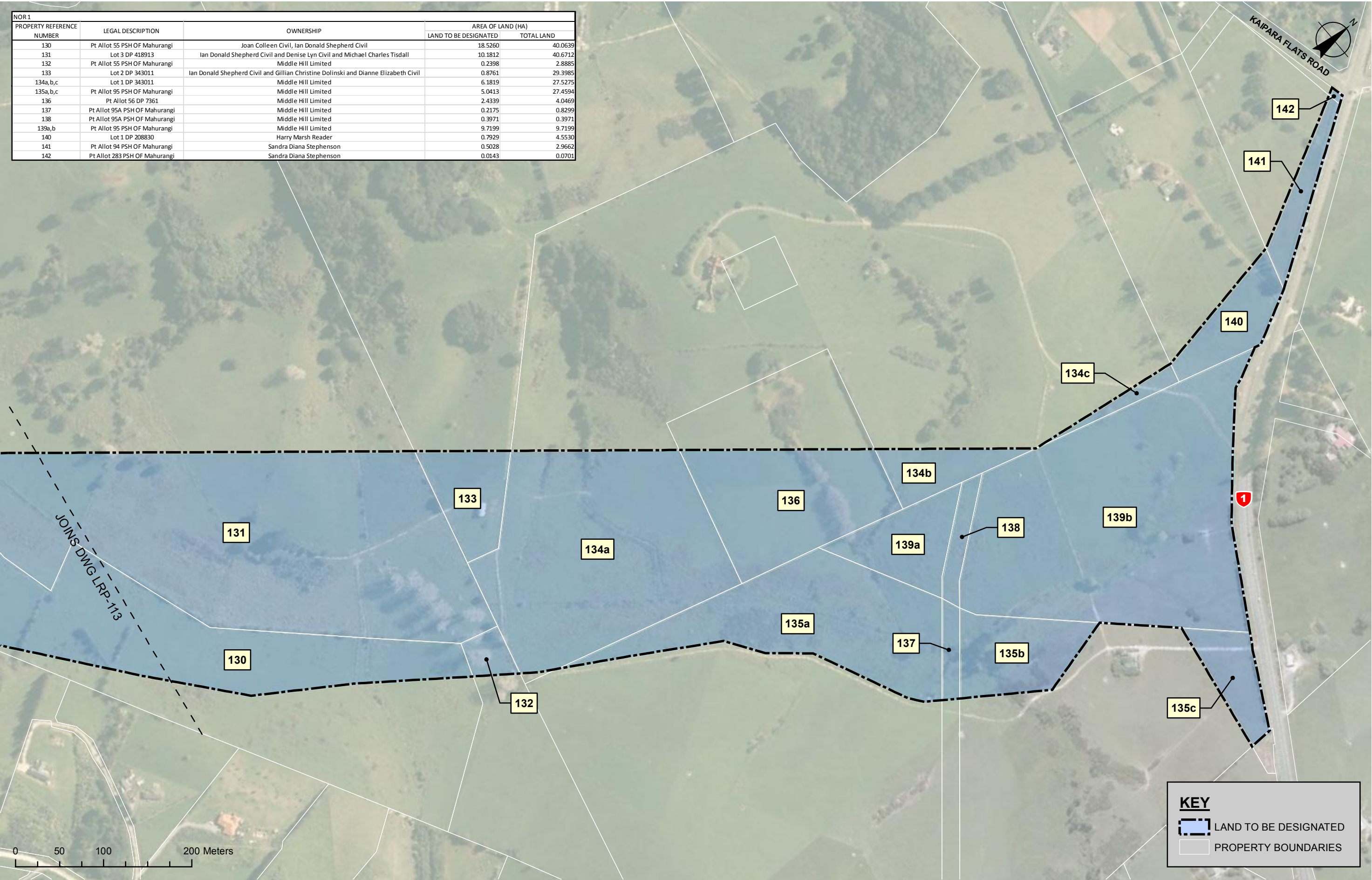
LAND REQUIREMENT PLAN

SHEET 13 OF 14

SCALE	1:4,000	CONTRACT No	PA3748	DRAWING No	LRP-113	AMDT	0
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NOR 1				
PROPERTY REFERENCE NUMBER	LEGAL DESCRIPTION	OWNERSHIP	AREA OF LAND (HA)	
			LAND TO BE DESIGNATED	TOTAL LAND
130	Pt Allot 55 PSH OF Mahurangi	Joan Colleen Civil, Ian Donald Shepherd Civil	18.5260	40.0639
131	Lot 3 DP 418913	Ian Donald Shepherd Civil and Denise Lyn Civil and Michael Charles Tisdall	10.1812	40.6712
132	Pt Allot 55 PSH OF Mahurangi	Middle Hill Limited	0.2398	2.8885
133	Lot 2 DP 343011	Ian Donald Shepherd Civil and Gillian Christine Dolinski and Dianne Elizabeth Civil	0.8761	29.3985
134a,b,c	Lot 1 DP 343011	Middle Hill Limited	6.1819	27.5275
135a,b,c	Pt Allot 95 PSH OF Mahurangi	Middle Hill Limited	5.0413	27.4594
136	Pt Allot 56 DP 7361	Middle Hill Limited	2.4339	4.0469
137	Pt Allot 95A PSH OF Mahurangi	Middle Hill Limited	0.2175	0.8299
138	Pt Allot 95A PSH OF Mahurangi	Middle Hill Limited	0.3971	0.3971
139a,b	Pt Allot 95 PSH OF Mahurangi	Middle Hill Limited	9.7199	9.7199
140	Lot 1 DP 208830	Harry Marsh Reader	0.7929	4.5530
141	Pt Allot 94 PSH OF Mahurangi	Sandra Diana Stephenson	0.5028	2.9662
142	Pt Allot 283 PSH OF Mahurangi	Sandra Diana Stephenson	0.0143	0.0701



KEY

LAND TO BE DESIGNATED

PROPERTY BOUNDARIES

0	30/08/13	KS	KS	TI	ISSUE FOR NOR / CONSENT	
AMD	DATE	DESIGN REVIEW	REV'D D. MGR	APPR'D A. MGR	PURPOSE OF ISSUE / AMENDMENT	

 NZ TRANSPORT AGENCY  
WAKA KOTAHI

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ARA TŪHONO - PŪHOI TO WELLSFORD			
PŪHOI TO WARKWORTH - FOR RMA APPROVALS			
DRAWN	JW	REVIEWED	MAE
DESIGNED	MRH	DESIGN REVIEW	PK
DISCIPLINE MANAGER		KS	APPROVED ALLIANCE MANAGER
			TI

LAND REQUIREMENT PLAN			
SHEET 14 OF 14			
SCALE	1:4,000	CONTRACT No	PA3748
DRAWING No	LRP-114	AMDT	0