

An executive summary of the applications has been enclosed, however additional information including technical reports and the complete applications lodged with the Councils will be available for viewing at WDC Customer Services Forum North, and WDC Service Centres at Ruakaka and Hikurangi; and the NRC Office at 36 Water Street, Whangarei.

If you wish to make a submission on the notice of requirement to WDC, you may do so by filling in a WDC submission form and sending it to Whangarei District Council, Private Bag 9023, Whangarei 0148 to arrive no later than **Friday 24 September 2010**.

If you wish to make a submission on the resource consent applications to the NRC, you may do so by filling in a NRC submission form and sending it to Northland Regional Council, Private Bag 9021, Whangarei Mail Centre, Whangarei 0148 to arrive no later than **Friday 24 September 2010**.

If you do not use the supplied submission forms please ensure that your written submission is dated and signed by you (unless emailed), and includes the following information:

1. Your name, postal address, telephone number and fax number (if applicable), and address for correspondence if different from the aforementioned.
2. Details of the application in respect of which you are making the submission, including location and the council references.
3. Whether you support/oppose or are neutral to application (optional).
4. The particular parts of the application you support or oppose and any amendments you wish made.
5. The reasons for making your submission.
6. The recommendation you wish WDC and/or NRC to make.
7. Whether you wish to be heard in support of your submission at the hearing if held.

Please ensure that a copy of your submission is served on the applicant as soon as reasonably practicable after service of your submission on the Councils. The address for service of the applicant is:

**AECOM New Zealand Limited
PO Box 4241
Shortland Street
Auckland 1023**

Attn: Ross Holland

The applications by the NZTA can be viewed at WDC's main office at Forum North, Rust Avenue, Whangarei, between the hours of 8:00am and 4:30pm, and at the Ruakaka and Hikurangi Service Centres. The applications may also be viewed at the Northland Regional Council's main office at Water Street, Whangarei between the hours of 8.00am and 5.00pm.

SUBMISSION



Caring for Northland and its environment

Whangarei Office Phone: (09) 438 4639
Fax: (09) 438 0012
Kaitiaki Office Phone: (09) 408 6600
Opua Office Phone: (09) 402 7516
Dargaville Office Phone: (09) 439 3300
Email: mailroom@nrc.govt.nz
Website: www.nrc.govt.nz

Important Notes:

- (A) Please ensure that all sections of this form are completed.
(B) If this Submission is faxed to the Council, please post the 'original' submission, or deliver to the Council as soon as possible.

On An Application for a Resource Consent

This submission is made under Section 96 of the Resource Management Act 1991.

To: The Secretary
Northland Regional Council
Private Bag 9021
Whangarei 0140

For Council Use Only

1. Person or Body making Submission

Full Name	
Postal Address	
Telephone ()	Fax ()
Mobile ()	Email

2. Address for Service of Submitter (if different from above)

Full Name	
Postal Address	
Telephone ()	Fax ()

3. Application to which Submission Relates

Applicant
Proposal (activity type and location)
NRC Application Number

4. General Nature of Submission (tick one box)

- In support of application, or In opposition of application, or Neutral

5. The Particular Parts of the Application this submission relates to:

- The whole application (tick box), or the following parts of the application

WHANGAREI DISTRICT COUNCIL

Forum North • Private Bag 9023 • Whangarei 0148 • New Zealand
Telephone (09) 430 4200 • 0800 WDC INFO • 0800 932 463 • Facsimile (09) 438 7632
Website <http://www.wdc.govt.nz> • E-mail mailroom@wdc.govt.nz



Creating the ultimate living environment

Submission on Notice of Requirement

- This submission on a Notice of Requirement is made under Section 169 of the Resource Management Act 1991.
- Please complete all sections of this submission form including those on the reverse. Please print clearly. It is important that you complete this form in full. If you have any questions about making a submission please contact the Duty Planner at Whangarei District Council, telephone (09) 430 4200.
- If faxing, please mail or drop off the original form to Whangarei District Council as soon as possible.

For Council Use Only

To Resource Consents Manager
Whangarei District Council
Private Bag 9023
Whangarei 0148

Details of person(s) or organisation(s) making submission

Full Name _____

Postal Address _____

Telephone () _____ Facsimile () _____

Details for correspondence (if different from above)

Full Name _____

Postal Address _____

Telephone () _____ Facsimile () _____

I am/We are making a submission on a Notice of Requirement described below

Name of Applicant _____ Council Ref _____

Proposal _____

In general I/We (please appropriate box)

- Support the Notice of Requirement Oppose the Notice of Requirement Neutral

The particular parts of the Notice of Requirement I/we support/oppose or wish amendments to be made to are (please box if appropriate)

- Whole document, OR

(Attach any additional sheets used)

WHANGAREI DISTRICT COUNCIL

The reasons for making my/our submission are

(Attach any additional sheets used)

I/We wish Whangarei District Council to make the following recommendation

(Attach any additional sheets used)

Appearance at Council Hearing in support of submission (please appropriate box)

- I/We **do** wish to be heard in support of my/our submission
(This means that you **can** speak at the hearing)
- I/We do **not** wish to be heard in support of my/our submission
(This means that you **cannot** speak at the hearing)
- If others make a similar submission, I will consider presenting a joint case with them at a hearing
(Don't if you would not consider presenting a joint case)

My/Our signature(s) and date signed

Signature of person making submission or person authorised to sign on behalf of person making submission

Date

A signature is not required if you make your submission by electronic means

- I/We have served a copy of my/our submission on the applicant. (This is required by Section 96(4) of the Resource Management Act 1991)

Notes on Council Hearings

- A hearing may not be held on this Notice of Requirement in accordance with Section 100 and Section 169 of the Resource Management Act 1991 if the consent authority does not consider it necessary and/or the applicant and the submitters do not wish to be heard.
- In accordance with Section 101 of the Resource Management Act 1991, if a hearing is to be held on the notice of requirement persons who have made a submission will be notified 10 working days before the date of the hearing of the date, time and place of the hearing.
- Pre-hearing meetings are provided for by Section 99 of the Resource Management Act 1991 for the purpose of clarifying, mediating or facilitating resolution of any matter or issue relating to the Notice of Requirement. Persons who have made submissions on the Notice of Requirement may be invited to such a meeting if held.



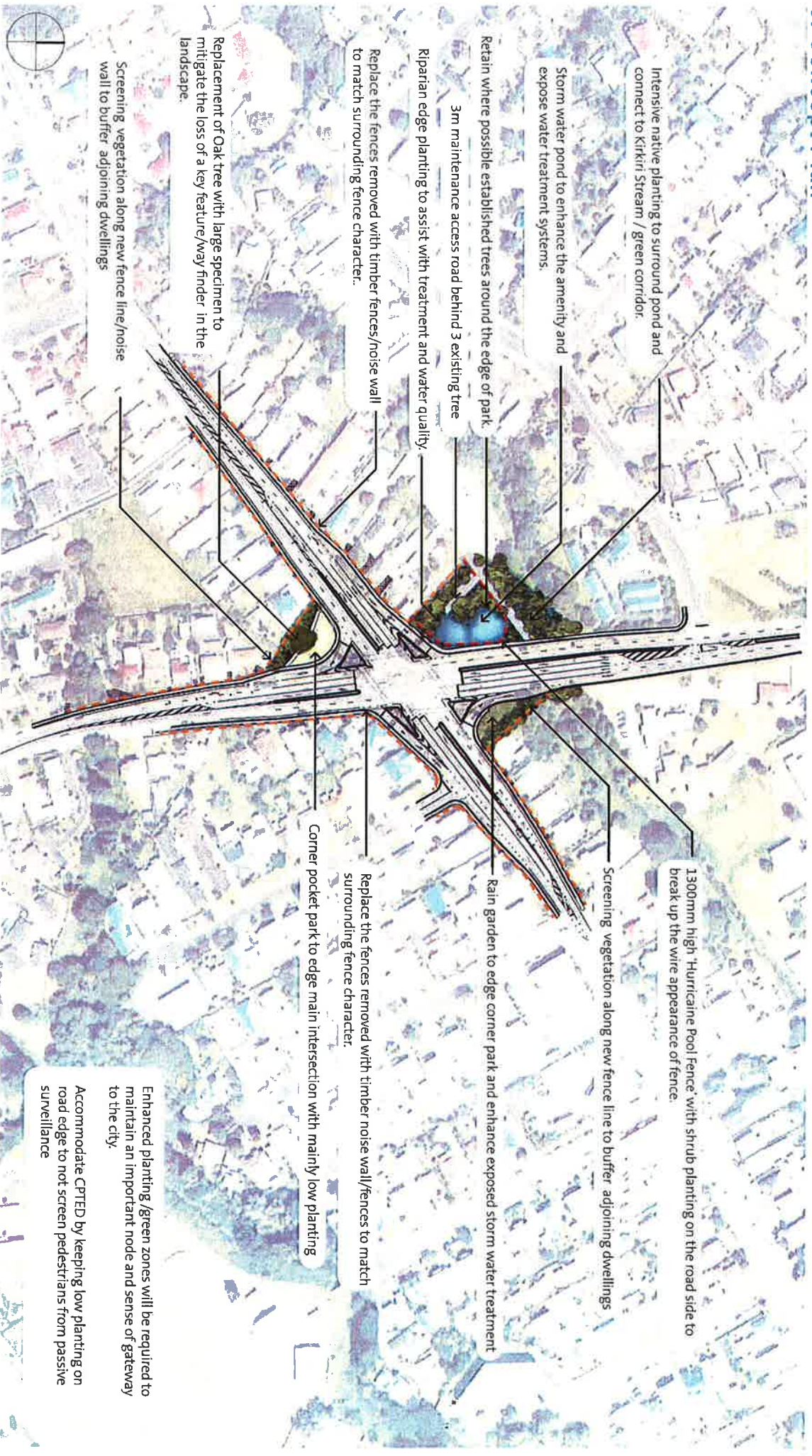
NZ TRANSPORT AGENCY
WAKA KOTAHI



**State Highway 1 / State Highway 14
Intersection Improvements:
Resource Consent Applications for Earthworks,
Discharge of Stormwater from Earthworks, and
Assessment of Environmental Effects**

20 May 2010

3. Concept Plan



Executive Summary

NZ Transport Agency (NZTA) is working with Whangārei District Council to improve the state highway network through Whangārei. Over the next four years, NZTA has planned a number of projects to help manage growing traffic numbers, improve safety and make travel easier for locals and visitors travelling in and around Whangārei.

This Resource Consent Application addresses the State Highway 1 / State Highway 14 (SH1/SH14) intersection improvements, in particular being those aspects of the works that require resource consent from the Northland Regional Council (NRC). The intersection is not only a strategic intersection of the national highway network, but is also a key node in the Whangārei arterial network. The present limited capacity of the intersection and consequential congestion is increasing delays on the state highway network and harm to the environment through inefficient operation of vehicles and associated discharges to the environment. As Whangārei continues to grow the state highway corridors are being placed under increasing pressure from traffic movements both across and along the corridors. This is further compounded by growth in the areas both north and south of Whangārei, and the strategic importance of Whangārei in terms of the port, logging, farming, tourism and inter-regional movements. In response to this demand, key sections of the corridor are being widened or upgraded.

In order to mitigate congestion and increasing delays on the state highway network, NZTA intends to upgrade and widen the SH1/SH14 intersection. This will have the additional effect of reducing harm to the environment through the inefficient operation of vehicles causing increased discharge of greenhouse gases and other pollutants.

The detailed design of the intersection is currently being developed with construction scheduled to start in October 2010 and to take up to 6 months.

The resource consents required from NRC are:-

- Land use consent for Earthworks within the Riparian Management Zone from the Northland Regional Council which is a discretionary activity under Rule 34.3.1 (1) of the Regional Water and Soil Plan for Northland. As part of the work will be in the proximity of the Kirikiri stream and an unnamed tributary of the Raumanga catchment;
- Diversion and discharge of stormwater associated with the land disturbance activity which is a discretionary activity under Rule 22.3.1 of the Regional Water and Soil Plan for Northland;

An assessment of the actual and potential environmental effects of the works is contained in Section 8 of this document as are measures to avoid, remedy or mitigate these effects.

The other projects currently being investigated to address improvements to State Highway 1 in Whangārei are:-

1) Kamo Bypass Stage 2 (Planned Start 2010)

NZTA is proposing to construct Stage 2 of the Kamo Bypass. Kamo Bypass Stage 2 relates to the extension of the State Highway 1 Bypass connecting from the southern end of Kamo Bypass Stage 1, which has been constructed and is operational, through the western side of Otangarei to the more southerly connection of Kamo Road and Western Hills Drive.

2) Kamo Road to Kensington Avenue (Planned Start – 2009/2010)

This project will see the implementation of a flush median between Kensington Road and Kamo Road. The flush median will enable safer and easier turning into roads and properties along this stretch of highway. It will also improve traffic flows and safety along the route.

3) Fourth Avenue to Selwyn Avenue (Planned Start – 2010)

Congestion is apparent between Fourth Avenue and Selwyn Avenue during the peak periods. To ease this by creating more capacity, this project proposes upgrading the intersections and widening State Highway 1 to four lanes between Fourth Avenue and Selwyn Avenue.

4) Tarewa Road / State Highway 1 Improvements (Planned Start – By 2011)

The proposed improvements include signalling the Tarewa Road intersection and creating four lanes from here to State Highway 14. Tarewa Road is the main entry point for people visiting Whangārei city centre. The new traffic signals will improve the intersection by reducing the risk of accidents while also distributing traffic across the network more efficiently.

Figure 1 on the following page provides a visual guide of the location of, and due to their close proximity, the relationship between, the different SH1 Whangārei Proposed Improvements.

SH1 Whangarei proposed improvements

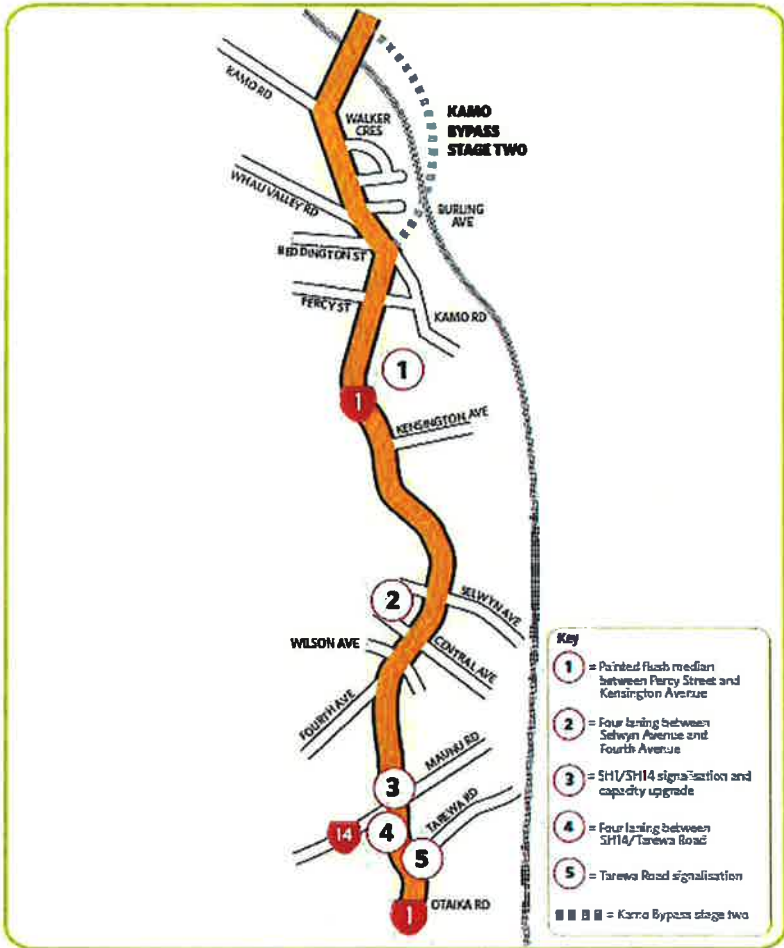
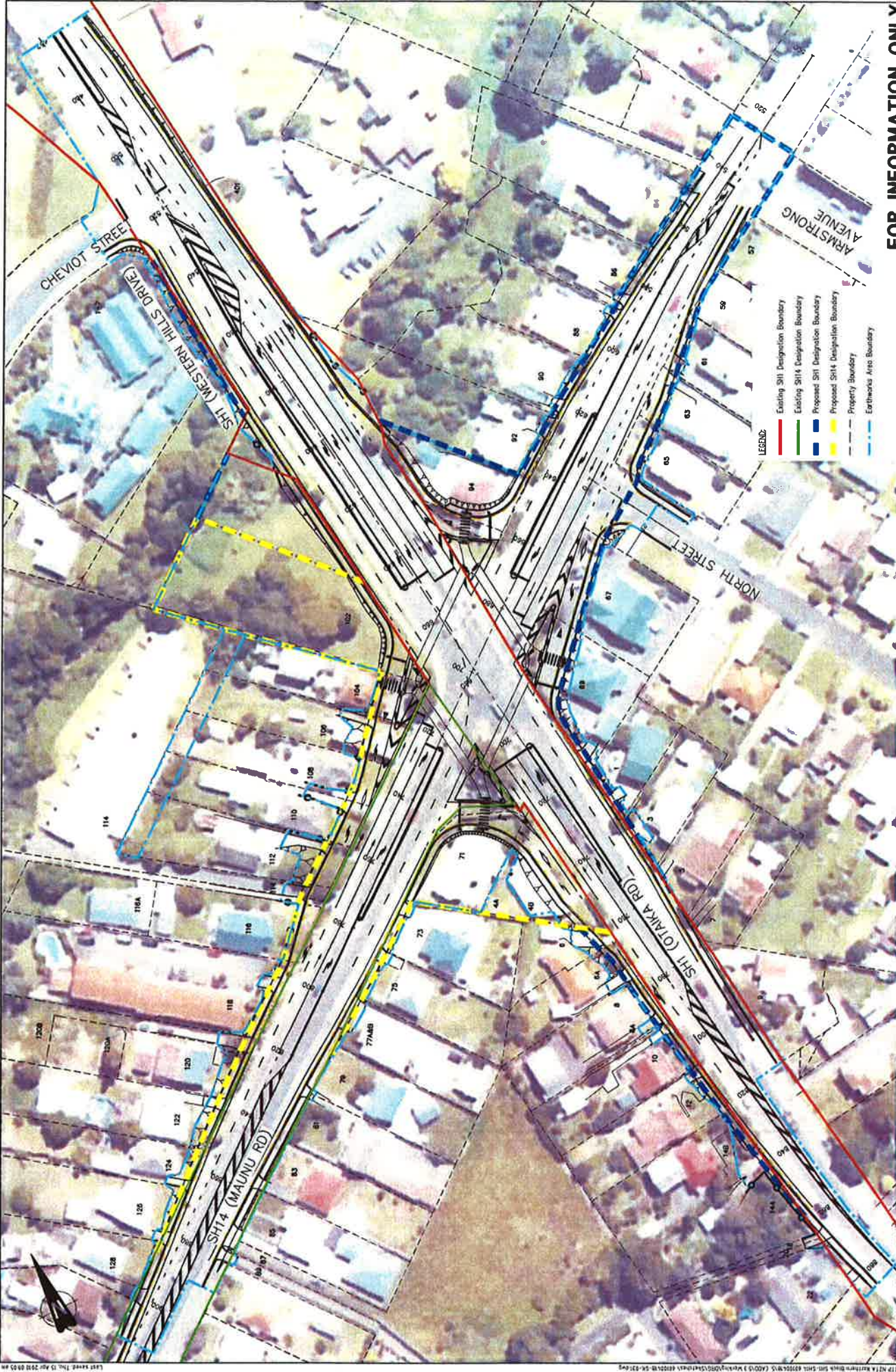


Figure 1 - Proposed Improvements in Whangarei



- LEGEND:**
- Existing SH1 Designation Boundary
 - Existing SH14 Designation Boundary
 - Proposed SH1 Designation Boundary
 - Proposed SH14 Designation Boundary
 - - - Property Boundary
 - - - Earthworks Area Boundary

FOR INFORMATION ONLY

NZTA NORTHERN BLOCK SH1-SH14

EARTHWORKS AREA PLAN

A1 STAGE PRELIMINARY

DRAWING NO. 601004.18-SK-031

REV. 01



AECOM

AECOM New Zealand Limited

1:500-A1
1:1000-A3



SCALE

DESIGNED	SC	CHECKED	RM
DRAWN	BWT	CHECKED	AS
APPROVED		DATE	

REVISIONS

NO.	BY	DATE	REASON FOR CHANGE	APPROVED

DESIGNED BY: [Name]
DRAWN BY: [Name]
CHECKED BY: [Name]
DATE: [Date]

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**State Highway 1 / State Highway 14
Intersection Improvements:
Alteration to Designation**

Executive Summary

NZ Transport Agency (NZTA) is working with Whangarei District Council to improve the State highway network through Whangarei. Over the next four years, NZTA has planned a number of projects to help manage growing traffic numbers, improve safety and make travel easier for locals and visitors travelling around and through Whangarei.

This Notice of Requirement (NOR) for an alteration addresses the State Highway 1 / State Highway 14 Intersection Improvements. The intersection is not only a strategic intersection of the national highway network, but is also a key node in the Whangarei arterial network. The present limited capacity of the intersection and consequential congestion is increasing delays on the State highway network and harm to the environment through the inefficient operation of vehicles and associated discharges to the environment. As Whangarei continues to grow the State highway corridors are being placed under increasing pressure from traffic movements both across and along the corridors. This is further compounded by growth in the areas both north and south of Whangarei, and the strategic importance of Whangarei in terms of the port, logging, farming, tourism and inter-regional movements. The detailed design of the intersection is being developed this year with construction scheduled to start in 2010 and to take up to 6 months.

Under Section 176A(2)(b) of the RMA it is not intended to submit an Outline Plan of Works prior to construction as the details of the proposed works, as referred to in Section 176A(3), are addressed in this NOR.

Consequentially, this NOR details the height, shape, and bulk of the proposed improvement works, the location of the works, the likely finished contour of the site, the vehicular access, circulation, and the provision for parking, landscaping proposed, and any other matters to avoid, remedy, or mitigate any adverse effects on the environment.

The other projects currently being investigated to address improvements to State Highway 1 in Whangarei are:-

1) Kamo Bypass Stage 2 (Planned Start 2010)

NZTA is proposing to construct Stage 2 of the Kamo Bypass. Kamo Bypass Stage 2 relates to the extension of the State Highway 1 Bypass connecting from the southern end of Kamo Bypass Stage 1, which has been constructed and is operational, through the western side of Otangarei to the more southerly connection of Kamo Road and Western Hills Drive.

2) Kamo Road to Kensington Avenue (Planned Start – 2009/2010)

This project will see the implementation of a flush median between Kensington Road and Kamo Road. The flush median will enable safer and easier turning into roads and properties along this stretch of highway. It will also improve traffic flows and safety along the route.

3) Fourth Avenue to Selwyn Avenue (Planned Start – 2010)

NZ Transport Agency
State Highway 1 / State Highway 14 Intersection
Improvements: Alteration to Designation

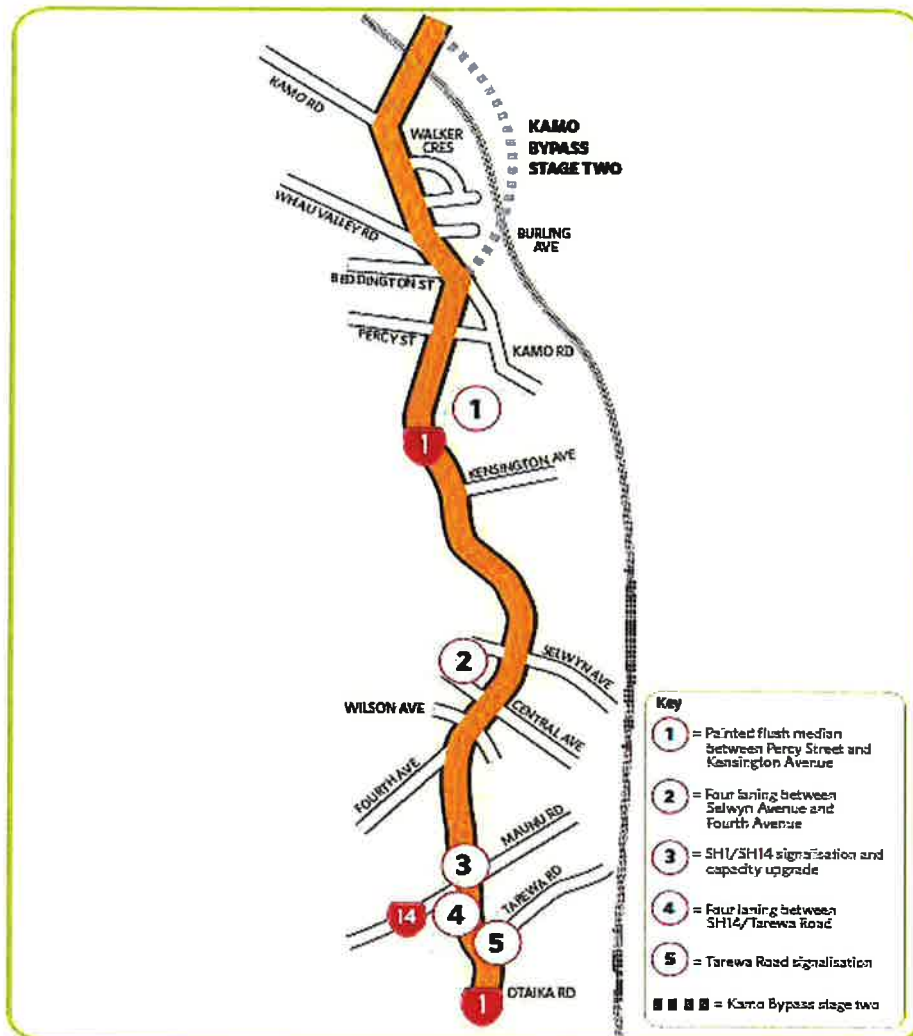
Congestion is apparent between Fourth Avenue and Selwyn Avenue during the peak periods. To ease this by creating more capacity, this project proposes upgrading the intersections and widening State Highway 1 to four lanes between Fourth Avenue and Selwyn Avenue.

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The following diagram shows the location of, and due to their close proximity, the relationship between, the different State Highway 1 Whangarei Proposed Improvements.

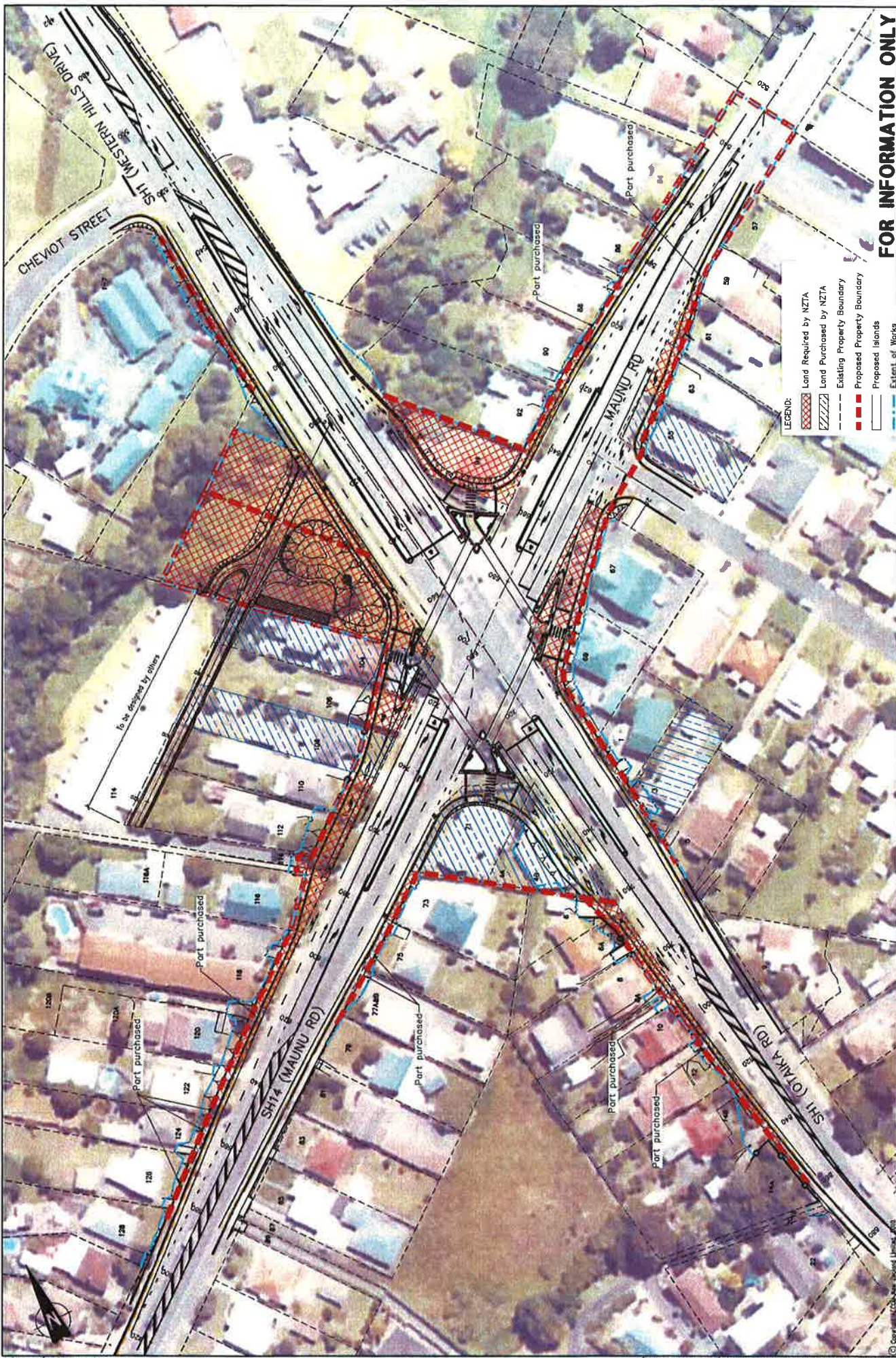
SH1 Whangarei proposed improvements



1.0 Notice of Requirement by NZ Transport Agency for an Alteration of a Designation

Section 181 and clause 4 of First Schedule, Resource Management Act 1991

To: Whangarei District Council

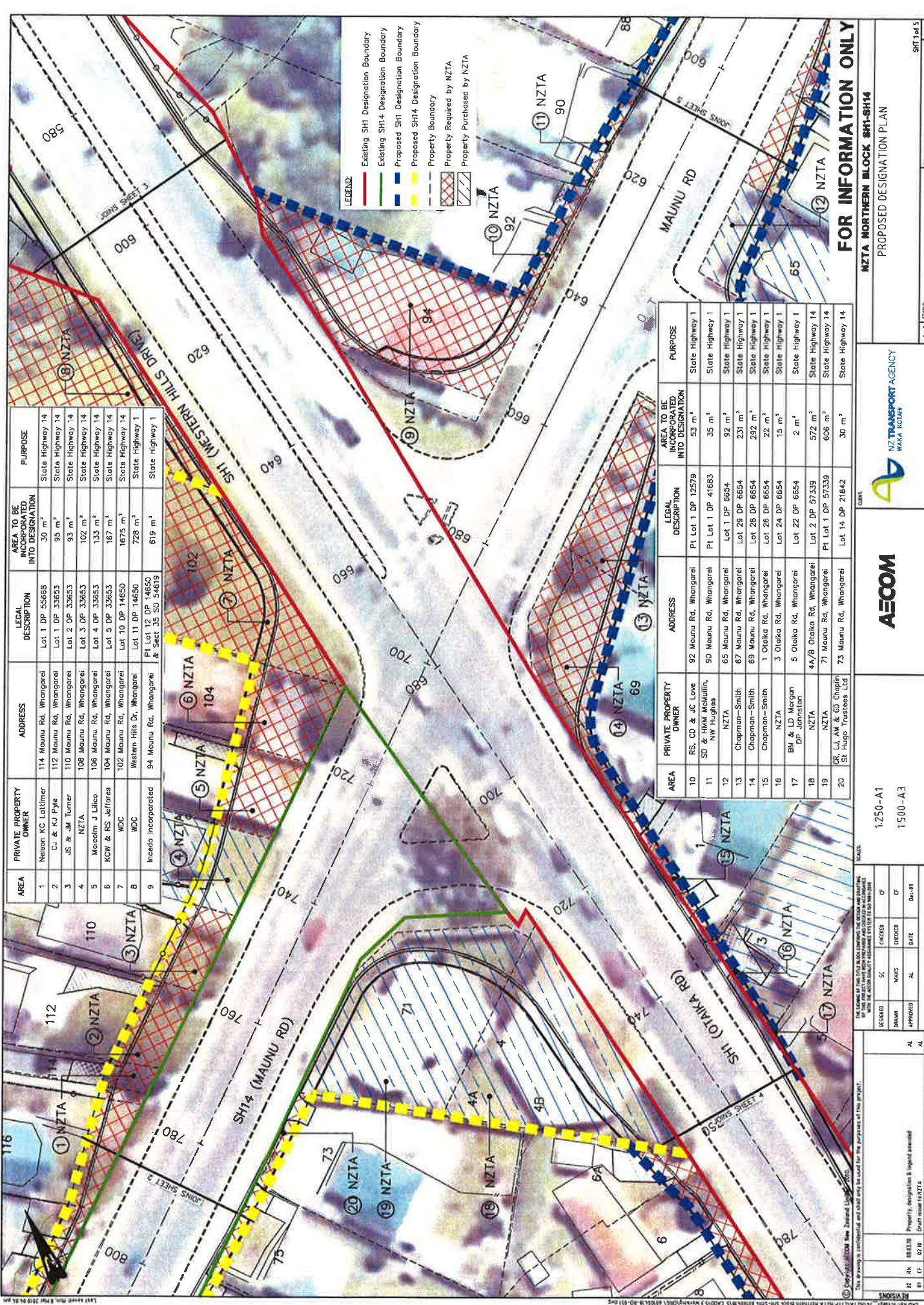


LEGEND:

- Land Required by NZTA
- Land Purchased by NZTA
- Existing Property Boundary
- Proposed Property Boundary
- Proposed Islands
- Extent of Works

FOR INFORMATION ONLY

NZTA NORTHERN BLOCK SH14-SH14																																					
LAND REQUIREMENT PLAN																																					
A1	PRELIMINARY																																				
DRAWING NO: 601004-18-RD-04-1	REV: 08																																				
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AREA	PRIVATE PROPERTY OWNER	ADDRESS	LEGAL DESCRIPTION	AREA TO BE INCORPORATED INTO DESIGNATION	PURPOSE
1	Nesdon KC Lallimer	114 Maunui Rd, Whangarei	Lot 1 DP 55688	30 m ²	State Highway 14
2	CJ & RJ Pye	112 Maunui Rd, Whangarei	Lot 1 DP 33653	95 m ²	State Highway 14
3	JS & AM Turner	110 Maunui Rd, Whangarei	Lot 2 DP 33653	93 m ²	State Highway 14
4	NZTA	108 Maunui Rd, Whangarei	Lot 3 DP 33653	102 m ²	State Highway 14
5	Maicolm J Lillo	106 Maunui Rd, Whangarei	Lot 4 DP 33653	133 m ²	State Highway 14
6	KCW & RS Jeffares	104 Maunui Rd, Whangarei	Lot 5 DP 33653	187 m ²	State Highway 14
7	WDC	102 Maunui Rd, Whangarei	Lot 10 DP 14650	1675 m ²	State Highway 14
8	WDC	Western Hills Dr, Whangarei	Lot 11 DP 14650	728 m ²	State Highway 14
9	Incedo Incorporated	94 Maunui Rd, Whangarei	PT Lot 12 DP 14650 & Sect 35 SD 54619	619 m ²	State Highway 14

AREA	PRIVATE PROPERTY OWNER	ADDRESS	LEGAL DESCRIPTION	AREA TO BE INCORPORATED INTO DESIGNATION	PURPOSE
10	RS, CD & JC Love	92 Maunui Rd, Whangarei	PT Lot 1 DP 12579	53 m ²	State Highway 14
11	SD & HMM Masullin, NW Hughes	90 Maunui Rd, Whangarei	PT Lot 1 DP 41683	35 m ²	State Highway 14
12	NZTA	65 Maunui Rd, Whangarei	Lot 1 DP 6654	92 m ²	State Highway 14
13	Chapman-Smith	67 Maunui Rd, Whangarei	Lot 28 DP 6654	231 m ²	State Highway 14
14	Chapman-Smith	69 Maunui Rd, Whangarei	Lot 26 DP 6654	292 m ²	State Highway 14
15	Chapman-Smith	1 Otaka Rd, Whangarei	Lot 26 DP 6654	22 m ²	State Highway 14
16	NZTA	3 Otaka Rd, Whangarei	Lot 24 DP 6654	15 m ²	State Highway 14
17	BM & LD Morgan DP Johnson	5 Otaka Rd, Whangarei	Lot 22 DP 6654	2 m ²	State Highway 14
18	DR, LV, AM & GJ Chaplin NZTA	4A/B Otaka Rd, Whangarei	Lot 2 DP 57339	572 m ²	State Highway 14
19	DR, LV, AM & GJ Chaplin NZTA	71 Maunui Rd, Whangarei	PT Lot 1 DP 57339	606 m ²	State Highway 14
20	ST Hugo Trustees Ltd	73 Maunui Rd, Whangarei	Lot 14 DP 21842	30 m ²	State Highway 14

FOR INFORMATION ONLY
 NZTA NORTHERN BLOCK SH1-SH14
 PROPOSED DESIGNATION PLAN

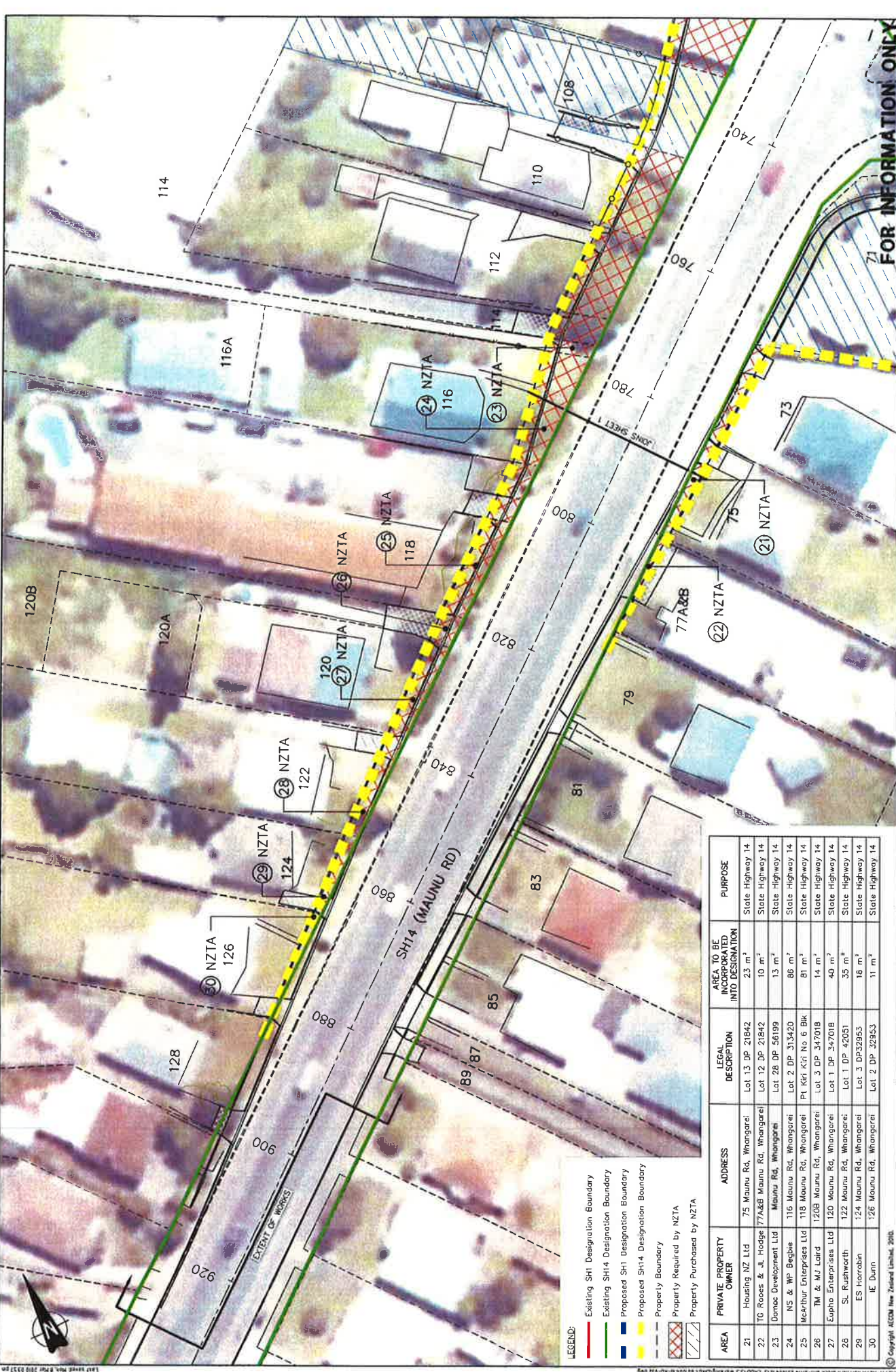
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 WAKA KOTAHU
 PRELIMINARY
 Drawing No: 30100418-RD-051
 Rev: 02
 Scale: A1

NO	REV	DATE	DESCRIPTION
02	RN	08/03/20	Property, Maps/Plans & Legend amended
01	CF	02/08/19	Draft issue to NZTA
01	CF	02/08/19	Draft issue to NZTA

NO	REV	DATE	DESCRIPTION
01	CF	02/08/19	Draft issue to NZTA
01	CF	02/08/19	Draft issue to NZTA

NO	REV	DATE	DESCRIPTION
01	CF	02/08/19	Draft issue to NZTA
01	CF	02/08/19	Draft issue to NZTA

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LEGEND:

- Existing SH1 Designation Boundary
- Existing SH14 Designation Boundary
- Proposed SH1 Designation Boundary
- Proposed SH14 Designation Boundary
- - - Property Boundary
- / / Property Required by NZTA
- / / Property Purchased by NZTA

AREA	PRIVATE PROPERTY OWNER	ADDRESS	LEGAL DESCRIPTION	AREA TO BE INCORPORATED INTO DESIGNATION	PURPOSE
21	Housing NZ Ltd	75 Maunu Rd, Whangarei	Lot 13 DP 21842	23 m ²	State Highway 14
22	TG Rocco & J. Hodge	77A&B Maunu Rd, Whangarei	Lot 12 DP 21842	10 m ²	State Highway 14
23	Democ Development Ltd	Maunu Rd, Whangarei	Lot 28 DP 56199	13 m ²	State Highway 14
24	NS & WP Begbie	116 Maunu Rd, Whangarei	Lot 2 DP 373420	86 m ²	State Highway 14
25	McArthur Enterprises Ltd	118 Maunu Rd, Whangarei	Pl Kiri Kiri No 6 Bk	81 m ²	State Highway 14
26	TM & MJ Laird	120B Maunu Rd, Whangarei	Lot 3 DP 347018	14 m ²	State Highway 14
27	Eupho Enterprises Ltd	120 Maunu Rd, Whangarei	Lot 1 DP 347018	40 m ²	State Highway 14
28	SL Rushworth	122 Maunu Rd, Whangarei	Lot 1 DP 42051	35 m ²	State Highway 14
29	ES Harabin	124 Maunu Rd, Whangarei	Lot 3 DP 32953	18 m ²	State Highway 14
30	IE Dunn	126 Maunu Rd, Whangarei	Lot 2 DP 32953	11 m ²	State Highway 14

REVISIONS

NO.	BY	DATE	DESCRIPTION
01	CF	12/09	Initial issue to NZTA
02	RN	08/03/16	Property description & legal amended
03	RN	08/03/16	Property description & legal amended

APPROVED: AL

DATE: AL

SCALE: 1:250-A1
1:500-A3

NZTA NORTHERN BLOCK SH1-SH14

PROPOSED DESIGNATION PLAN

FOR INFORMATION ONLY

A1

PRELIMINARY

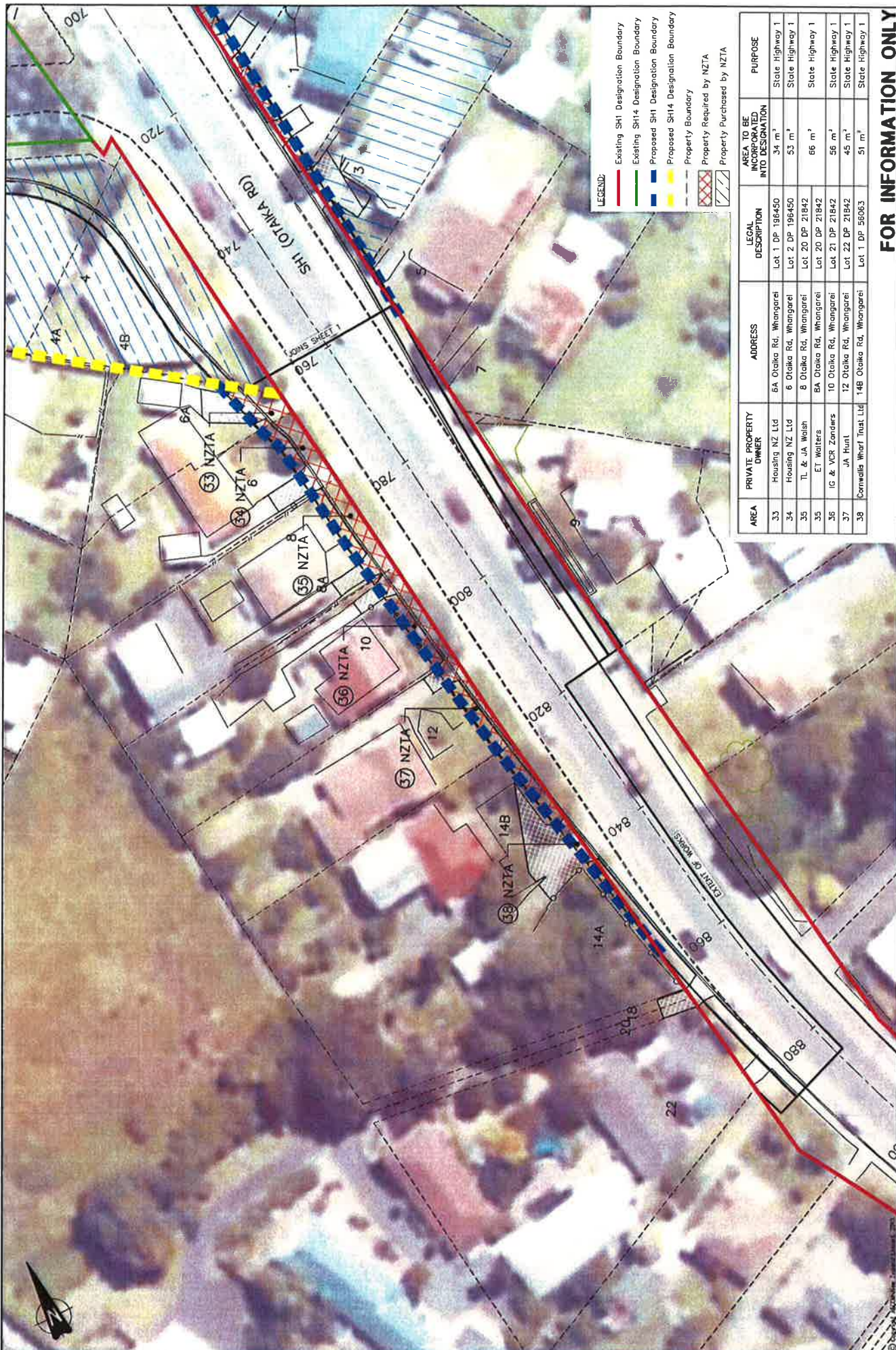
PROJECT NO: 601004.18-RD-052

SHEET 2 of 5

SCALE: 1:250-A1
1:500-A3

AECOM
AECOM New Zealand Limited

NZ TRANSPORT AGENCY
WAIATA MOTARA



AREA	PRIVATE PROPERTY OWNER	ADDRESS	LEGAL DESCRIPTION	AREA TO BE INCORPORATED INTO DESIGNATION	PURPOSE
33	Housing NZ Ltd	6A Otaka Rd, Whangarei	Lot 1 DP 196450	34 m ²	State Highway 1
34	Housing NZ Ltd	6 Otaka Rd, Whangarei	Lot 2 DP 196450	53 m ²	State Highway 1
35	TL & JA Walsh	8 Otaka Rd, Whangarei	Lot 20 DP 21842	66 m ²	State Highway 1
36	ET Walters	8A Otaka Rd, Whangarei	Lot 20 DP 21842	66 m ²	State Highway 1
37	IG & VCR Zanders	10 Otaka Rd, Whangarei	Lot 21 DP 21842	56 m ²	State Highway 1
38	JA Hunt	12 Otaka Rd, Whangarei	Lot 22 DP 21842	45 m ²	State Highway 1
39	Cornwall Wharf Trust Ltd	14B Otaka Rd, Whangarei	Lot 1 DP 56063	51 m ²	State Highway 1

FOR INFORMATION ONLY

NZTA NORTHERN BLOCK SH1-BH14
PROPOSED DESIGNATION PLAN

AECOM
AECOM New Zealand Limited

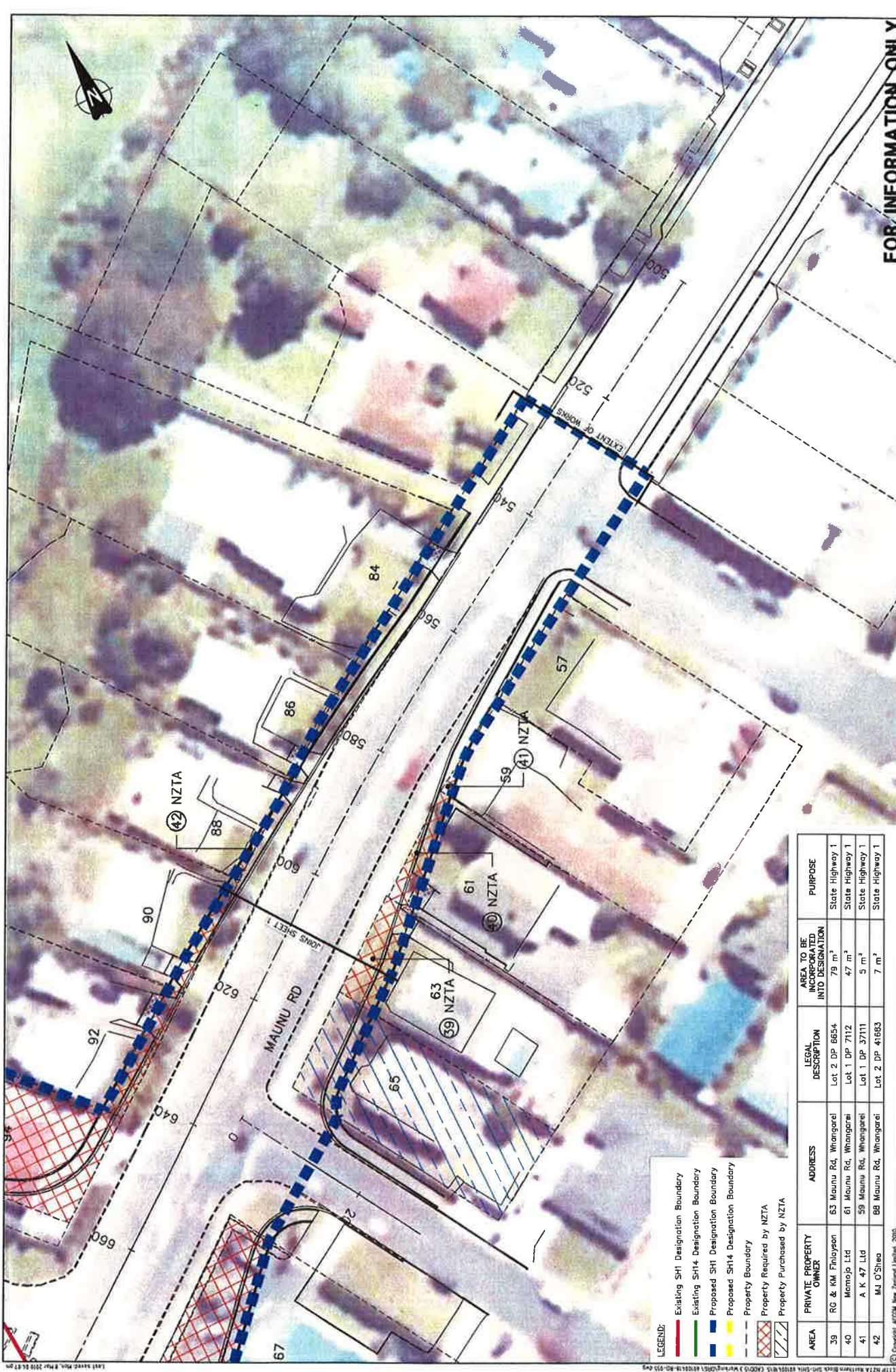
NZ TRANSPORT AGENCY
WAKA KOTAHU

SCALE: 1:250-A1
1:500-A3

DATE: 02/03/10
BY: [Name]
CHECKED: [Name]
DATE: [Date]

REVISIONS:
02 RN 08/03/10 Property, designation & legend amended
01 EF 12/09/09 Draft issue to NZTA.

PROJECT: 60100418-RD-054
DRAWING: 60100418-RD-054-02
PRELIMINARY



LEGEND:

- Existing SH1 Designation Boundary
- Existing SH14 Designation Boundary
- - - Proposed SH1 Designation Boundary
- - - Proposed SH14 Designation Boundary
- Property Boundary
- Property Required by NZTA
- Property Purchased by NZTA

AREA	PRIVATE PROPERTY OWNER	ADDRESS	LEGAL DESCRIPTION	AREA TO BE INCORPORATED INTO DESIGNATION	PURPOSE
39	RG & KM Filioyzen	63 Maunu Rd, Whangarei	Lot 2 DP 6654	79 m ²	State Highway 1
40	Memojo Ltd	61 Maunu Rd, Whangarei	Lot 1 DP 7112	47 m ²	State Highway 1
41	A K 47 Ltd	59 Maunu Rd, Whangarei	Lot 1 DP 37111	5 m ²	State Highway 1
42	M J O'Shea	88 Maunu Rd, Whangarei	Lot 2 DP 41663	7 m ²	State Highway 1

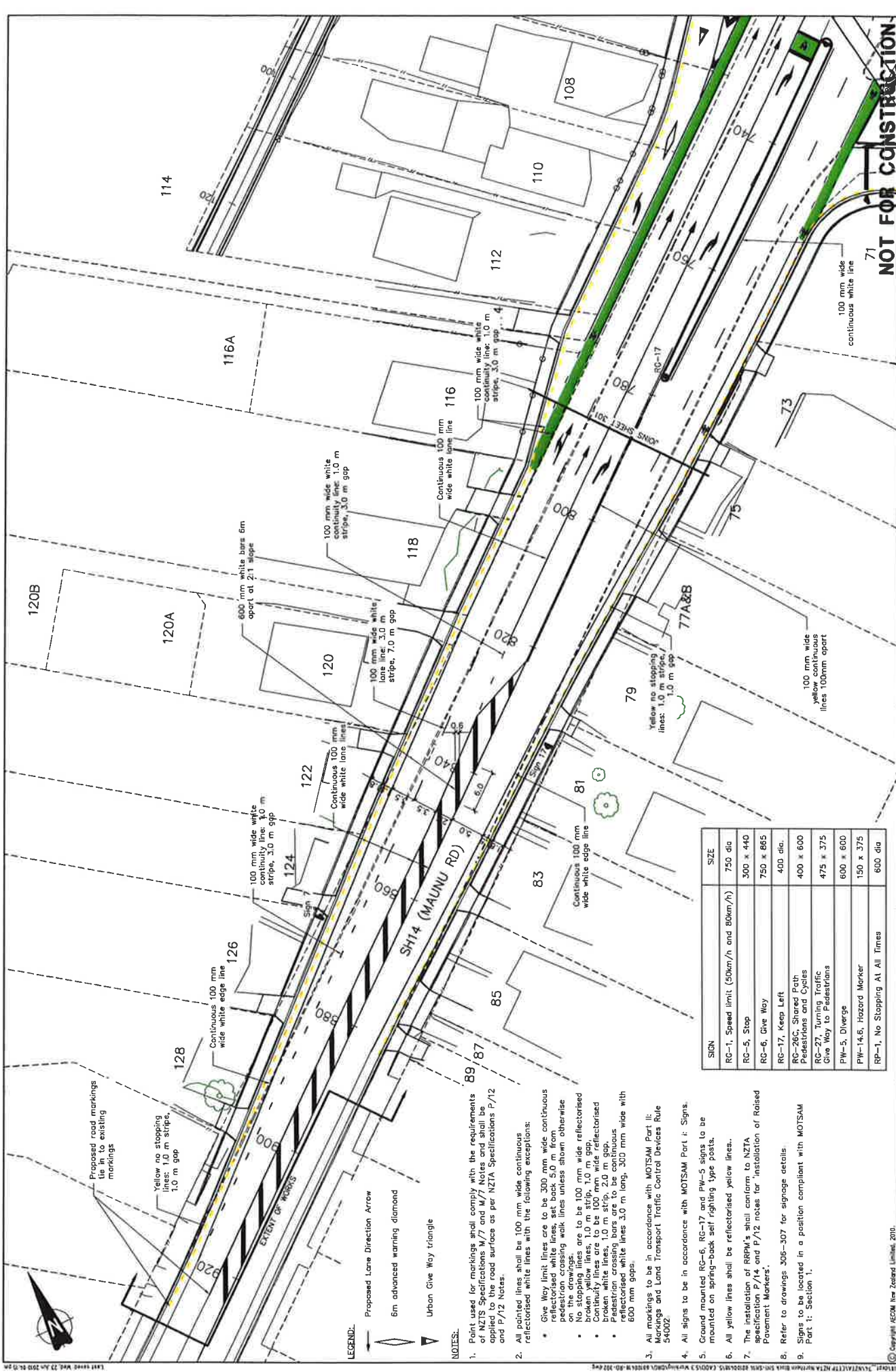
THE SOME OF THIS TITLE BLOCK COMPRES THE DESIGN AND SURVEYING OF THE PROJECT AS PER THE PROJECT AND HAS BEEN PREPARED AND CHECKED IN ACCORDANCE WITH THE REQUIREMENTS OF THE ENGINEERING COUNCIL OF NEW ZEALAND.

REVISIONS	DATE	BY	CHKD	APPD
01	08/03/10	Property Acquisition & Legal needed	AL	AL
02	02/04/10	SH14 SH14 NZTA	AL	AL

SCALE:
1:250-A1
1:500-A3



FOR INFORMATION ONLY
 NZTA NORTHERN BLOCK SH14-SH14
 PROPOSED DESIGNATION PLAN
 DRAWING NO: 60100418-RD-055
 REV: 02
 SHEET 5 of 5
 PRELIMINARY
 NZ TRANSPORT AGENCY
 WAIATA TŌIHOA
 AECOM New Zealand Limited



NOT FOR CONSTRUCTION

NZTA NORTHERN BLOCK BM-SH14
SIGNS AND ROAD MARKINGS PLAN

DATE: 15/01/2018
DRAWING NO: 601004-18-RD-302

Client: NZTRANSPORT AGENCY
WAKA MATUA

AECOM
AECOM New Zealand Limited

Scale: 1:250-A1
1:500-A3

REVISION	DATE	BY	CHKD	DATE	DESCRIPTION
01	23/01/18	CP	AL		Draw Issue to NZTA for safety audit
02	02/02/18	CP	AL		Civil notes received, KSAAT added
03	12/02/18	CP	AL		Draw Issue to NZTA

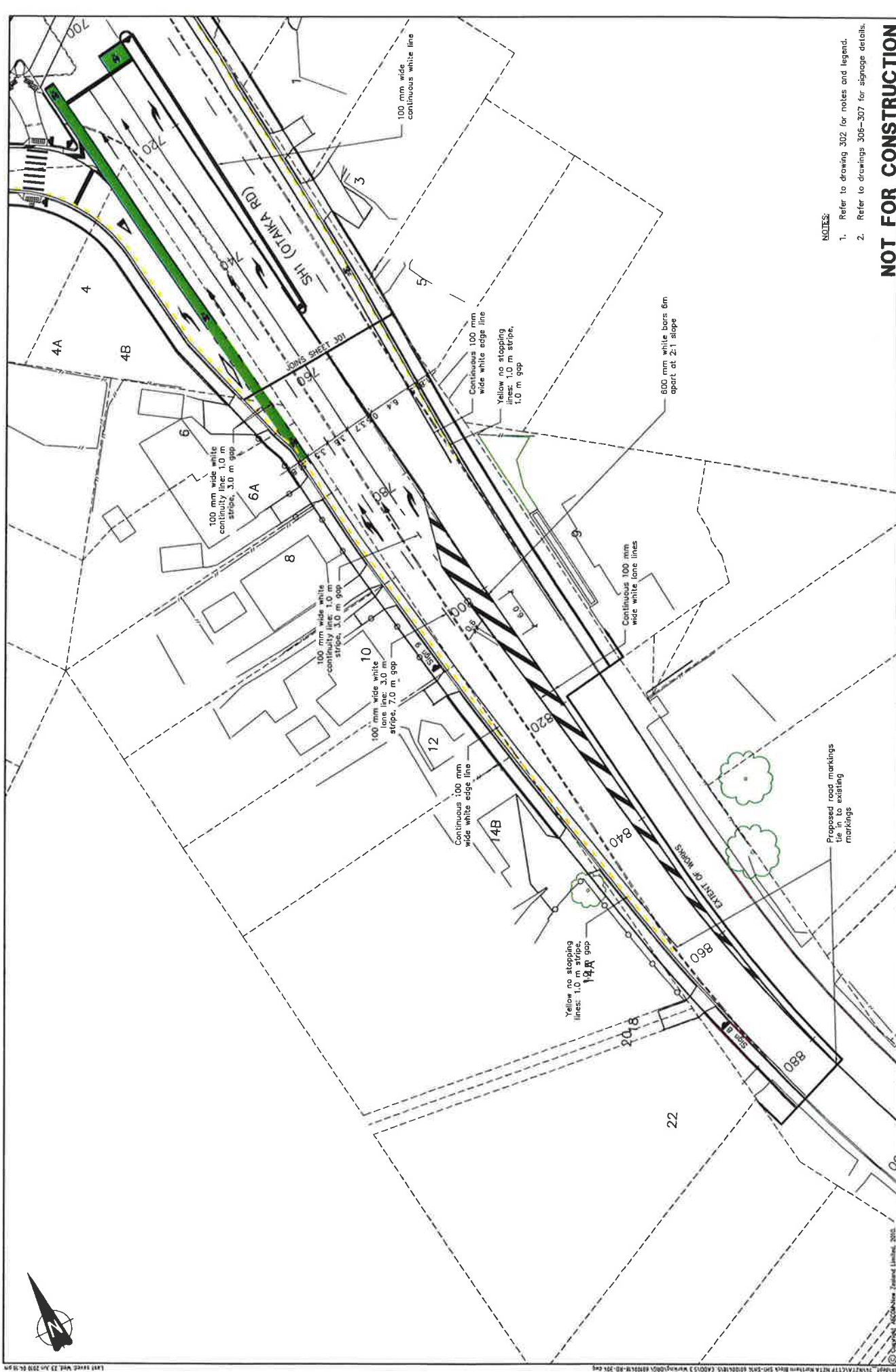
SIGN	SIZE
RG-1, Speed limit (50km/h and 80km/h)	750 dia
RG-5, Stop	300 x 440
RG-6, Give Way	750 x 865
RG-17, Keep Left	400 dia.
RG-26C, Shared Path Pedestrians and Cycles	400 x 600
RG-27, Turning Traffic Give Way to Pedestrians	475 x 375
PW-5, Diverge	600 x 600
PW-14.6, Hazard Marker	150 x 375
RP-1, No Stopping At All Times	600 dia

LEGEND:

- Proposed Lane Direction Arrow
- 6m advanced warning diamond
- Urban Give Way triangle

NOTES:

- Point used for markings shall comply with the requirements of NZTS Specifications M/7 and M/7 Notes and shall be applied to the road surface as per NZTA Specifications P/12 and P/12 Notes.
- All painted lines shall be 100 mm wide continuous reflectorised white lines with the following exceptions:
 - Give Way limit lines are to be 300 mm wide continuous reflectorised white lines, set back 5.0 m from the kerb.
 - Yellow no stopping lines unless shown otherwise on the drawings.
 - No stopping lines are to be 100 mm wide reflectorised broken yellow lines, 1.0 m strip, 1.0 m gap.
 - Continuity lines are to be 100 mm wide reflectorised white lines, 1.0 m strip, 1.0 m gap.
 - Pedestrian crossing bars are to be continuous reflectorised white lines 3.0 m long, 300 mm wide with 600 mm gaps.
- All markings to be in accordance with MOTSAM Part II: Markings and Land Transport Traffic Control Devices Rule 54/002.
- All signs to be in accordance with MOTSAM Part I: Signs.
- Ground mounted RG-6, RG-17 and PW-5 signs to be mounted on spring-back self-righting type posts.
- All yellow lines shall be reflectorised yellow lines.
- The installation of RRP1's shall conform to NZTA specification P/14, and P/12 notes for installation of Raised Pavement Markers.
- Refer to drawings 306-307 for signage details.
- Signs to be located in a position compliant with MOTSAM Part I: Section 1.



- NOTES:**
1. Refer to drawing 302 for notes and legend.
 2. Refer to drawings 306-307 for signage details.

NOT FOR CONSTRUCTION
NZTA NORTHERN BLOCK 8H1-SH14
 SIGNS AND ROAD MARKINGS PLAN



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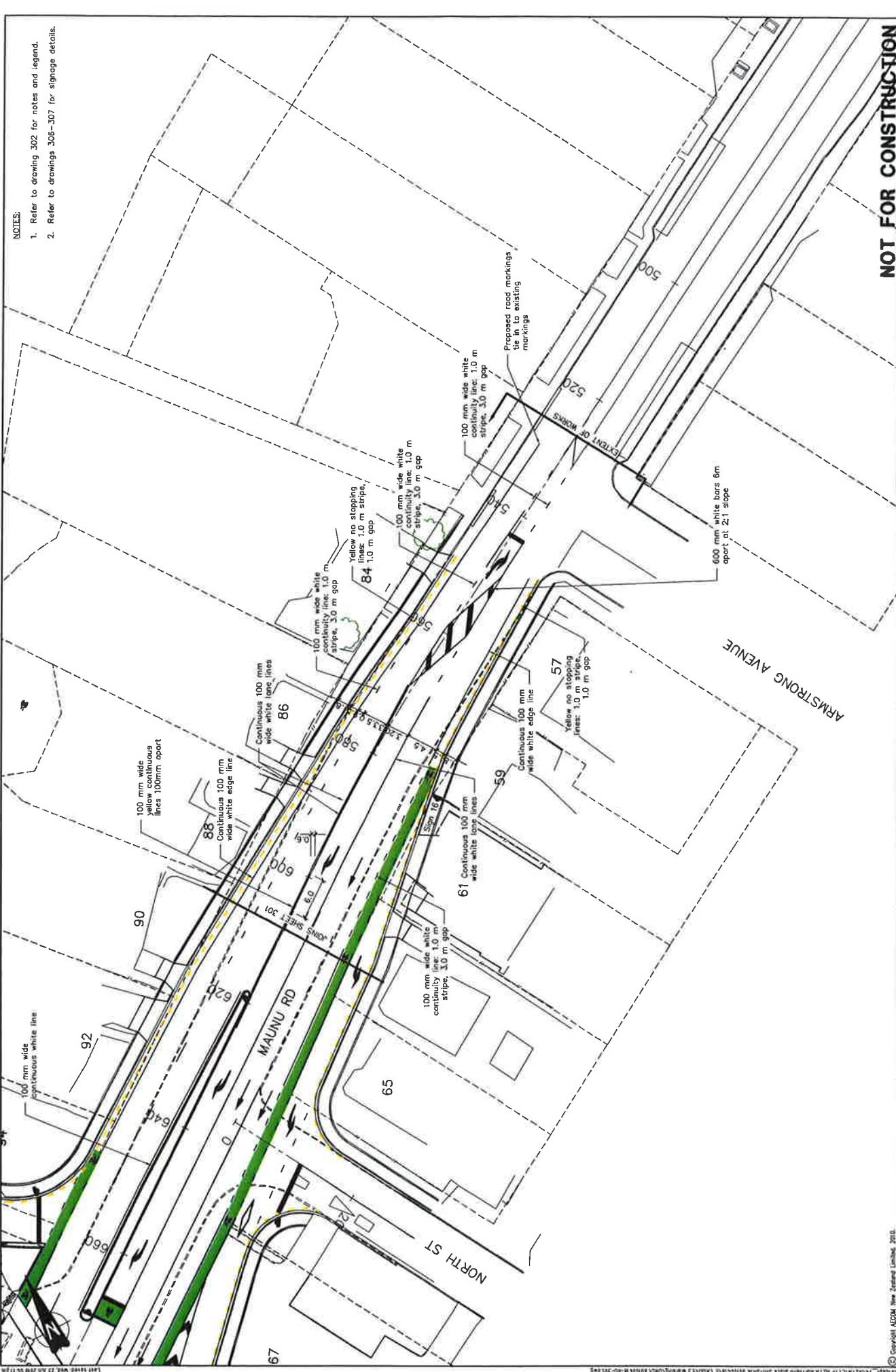
1250-A1
 1500-A3

THE SCOPE OF THIS TITLE & LOG COMPRESSES THE DESIGN AND DRAFTING OF THE ROAD MARKINGS AND SIGNS FOR THE PROJECT. THE DESIGNER ACCEPTS RESPONSIBILITY FOR THE ACCURACY OF THE INFORMATION PROVIDED TO THE CONTRACTOR.

REVISION	NO	DATE	BY	APPROVED	DATE	DESCRIPTION
1	1	23 Oct 19	RM			Draft issue to NZTA for safety audit
2	2	10 Nov 19	GP			Cycle lanes removed, NSAA1 added
3	3	12 Dec 19	CF			Draft issue to NZTA

REVISION	NO	DATE	BY	APPROVED	DATE	DESCRIPTION
1	1	23 Oct 19	RM			Draft issue to NZTA for safety audit
2	2	10 Nov 19	GP			Cycle lanes removed, NSAA1 added
3	3	12 Dec 19	CF			Draft issue to NZTA

DRAFT DETAIL DESIGN
 60'0004.18-RD-304
 SHEET 4 of 5



- NOTES:**
1. Refer to drawing 302 for notes and legend.
 2. Refer to drawings 305-307 for signage details.

NOT FOR CONSTRUCTION
NIWA NORTHERN BLOCK 6H1-6H14
 SIGNS AND ROAD MARKINGS PLAN



AECOM
 AECOM New Zealand Limited

1:250-A1
 1:500-A3

SCALE:

DESIGNED	SC/JP	CHECKED	CF
DRAWN	WMS	CHECKED	CF
APPROVED	AL	DATE	04-09

REVISIONS:

No.	BY	DATE	DESCRIPTION	APP'D
03	RN	23-08-10	Drawn issue to NIWA for safety audit	
02	GP	14-09-10	Cycle lanes removed, NSAT added	
01	CF	04-09-10	Drawn issue to NIWA	

2. Opportunities and Constraints

