

VOLUME 4

Airport to Botany - Assessment of Arboriculture Effects

December 2022

Version 1

Document Status

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Revision Status

Version	Date	Reason for Issue
1.0	9 December 2022	Final for lodgement

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Glossary of Defined Terms and Acronyms

Acronym/Term	Description
AEE	Assessment of Effects on the Environment report
AUP:OP	Auckland Unitary Plan: Operative in Part
BRT	Bus Rapid Transit
CVA	Cultural Values Assessments
N/A	Not Applicable
NIMT	North Island Main Trunk railway
NoR	Notice of Requirement
NoR 1	Notice of Requirement 1: Airport to Botany Bus Rapid Transit (Botany Town Centre to Rongomai Park)
NoR 2	Notice of Requirement 2: Airport to Botany Bus Rapid Transit (Rongomai Park to Puhinui Station, in the vicinity of Plunket Avenue)
NoR 3	Notice of Requirement 3: Airport to Botany Bus Rapid Transit (Puhinui Station, in the vicinity of Plunket Avenue to SH20/20B Interchange)
NoR 4a	Notice of Requirement 4a: Airport to Botany Bus Rapid Transit (SH20/20B Interchange to Orrs Road)
NoR 4b	Notice of Requirement 4b: Alteration to NZ Transport Agency Designation 6717 – State Highway 20B
Programme partners	Te Ākitai Waiohua, Auckland Airport, Auckland Transport and Waka Kotahi
RCA	Road Controlling Authority
RMA	Resource Management Act 1991
RP	Regional Plan
RPS	Regional Policy Statement
SEA	Significant Ecological Area
SH1	State Highway 1
SH20	State Highway 20
SH20B	State Highway 20B
SWG	Southwest Gateway Programme
Te Tupu Ngātahi	Te Tupu Ngātahi Supporting Growth
TMP	Tree Management Plan
ULDMP	Urban and Landscape Design Management Plan
Waka Kotahi	Waka Kotahi NZ Transport Agency

Executive summary

This Report has been prepared following site visits that were undertaken for the collection of suitable data to inform an Assessment of Arboricultural Effects of the Airport to Botany Bus Rapid Transit project (the **Project**). The site visits and desktop review involved recording details of all relevant trees (as described further in this Report) within the Notices of Requirement (**NoRs**).

Trees were recorded singularly, or in groups where logical groupings could be made based on species, configuration and/or size. Sufficient information was gathered to allow an assessment of the existing environment and consideration of the future environment. Tree details are presented in table and in GIS mapping formats (contained in **Appendix A** of this Report).

The existing environment for the majority of the Project corridor is primarily urban, the exception being the undeveloped industrial zoned land adjoining SH20B within NoRs 4a and 4b. Tree cover associated with the existing urbanised area typically include plantings of amenity trees and riparian vegetation.

The future environment is likely to change over the next 10 – 15 years as intensification occurs along the corridor as a result of recent changes in national policy direction and changes to the Resource Management Act 1991 (**RMA**). This will likely result in a reduction of trees adjoining the corridor, on business and residentially zoned land, which are not afforded any protection in the Auckland Unitary Plan: Operative in part (**AUP:OP**).

A summary of the trees or vegetation requiring removal for each NoR is provided in the table below with future discussion of the affected vegetation outlined in Sections 5 to 8 of this Report:

NoR	Number of protected trees/ requiring removal	Mass planted areas/groups of vegetation requiring removal (m ²)
NoR 1	683	25 Groups (27,084 m ²)
NoR 2	404	28 Groups (5,960 m ²)
NoR 3	30 (Including 2 Notable Trees)	0
NoRs 4a and 4b	0	0
Total	1,117 tree / tree groups	53 (33,044 m ²)

Given that the Project is to be delivered in 10 – 15 years' time, a verification assessment at the time of implementation is recommended to ensure the current conditions are still relevant. Any future tree removal, tree planting or mass planted vegetation should be assessed at that time, with this Report intended to provide a baseline survey.

Mitigation measures commensurate with the anticipated effects on the environment from impacts on protected trees have been considered, with the aim of avoiding, remedying and mitigating effects on trees. It is recommended that a Tree Management Plan (**TMP**) be developed where construction work impacts on trees and groups of trees that are protected under the District Plan provisions (trees protected under Regional Plan provisions will be addressed as part of a future resource consent process). Replacement planting protocols are proposed to be developed further as part of the TMP where protected trees are to be removed.

Opportunities for replanting within the berms of the proposed cross section provides significant mitigation of effects arising from tree removal associated with the Project. Furthermore, additional land at SH20B/SH20 has been included within the designation for replanting. The long-term outcome of comprehensive street tree planting will be more trees in the public realm and increased amenity value within the public transport corridor.

Overall, the effects on trees protected by the District Plan will be mitigated by replacement planting within the corridor and on adjacent land.

Summary of assessment of effects and recommendations

Effect	Assessment	Recommendation
Construction		
Removal of trees to enable the Project	A total of 1,117 individual trees and 33,044 m ² of vegetation is proposed for removal as part of the Project.	<p>A verification assessment at the time of implementation is recommended to ensure the current conditions are still relevant. Any future tree removal, tree planting or mass planted vegetation should be added and/or assessed at that time, with this Report intended to provide a baseline survey. Given this, it is recommended that a TMP be prepared.</p> <p>A tree transplant assessment is recommended for any trees considered worthy or relocation as part of the Project. This would especially be the case of trees growing within Hayman Park and should be addressed as part of a TMP.</p>
Effects on retained vegetation	Works are proposed within the protected root zones of retained vegetation at the edge of the corridor.	It is recommended that a TMP be prepared prior to construction to address future tree removals, plantings and growth of areas of vegetation beyond the scope of this Report.
Replacement of trees lost in order to construct the Project	Replacement planting is recommended at a minimum of 2:1 for removed trees and a minimum of 33,044 m ² of mass vegetation will require replanting	<p>A detailed landscape plan with replacement planting at a minimum ratio of 2:1 is to be prepared as part of the Urban and Landscape Design Management Plan (ULDMP) and detailed design.</p> <p>It is recommended that arboricultural input be sought at the detailed design phase. The specific tree locations and/or tree species are to be reviewed and input provided in order to achieve</p>

		the best outcome from a long term perspective.
Operation		
Tree trimming or alteration	Replacement trees may require maintenance to retain sight lines and the overhead and lateral clearances of general traffic lanes and the high quality walking and cycling facilities	New street trees or mass planted vegetation (trees specifically) are planted no closer to the future general traffic lanes than 1 m.

1 Introduction

1.1 Purpose and scope of this Report

This Assessment of Arboricultural Effects report (**Report**) has been prepared to inform the Assessment of Effects on the Environment (**AEE**) for five Notices of Requirement (**NoR**) being sought by Waka Kotahi NZ Transport Agency (**Waka Kotahi**) and Auckland Transport (**AT**) for the Airport to Botany project (the **Project**) under the Resource Management Act 1991 (**RMA**). Specifically, this Report considers the actual and potential effects associated with the construction and operation of the Project on the existing and likely future environment as it relates to arboricultural effects and recommends measures that may be implemented to avoid, remedy and/or mitigate these effects.

This Report should be read alongside the AEE, which contains further details on the history and context of the Project. The AEE also contains a detailed description of works to be authorised within each NoR, and the typical construction methodologies that will be used to implement this work. These have been reviewed by the author of this report and have been considered as part of this assessment of arboricultural effects. As such, they are not repeated here. Where a description of an activity is necessary to understand the potential effects, it has been included in this Report for clarity

1.2 Report structure

In order to provide a clear assessment of each NoR, this Report follows the structure set out in the AEE. That is, each notice has been separated out into its own section, and each section contains an assessment of the actual and potential effects for the specific NoR. Where appropriate, measures to avoid, remedy or mitigate effects are recommended.

Each section is arranged, starting from the easternmost point of the proposed NoR, to the westernmost point. Table 1 below describes the extent of each section, and where the description of effects can be found in this Report.

Table 1: Report Structure

Sections	Section number
Description of the Project	2
Overview of the methodology used to undertake the assessment and identification of the assessment criteria and any relevant standards or guidelines	3
Identification and description of the existing and likely receiving arboricultural environment;	5.2,6.2.1, 6.3.1, 6.4.1, 8.2
Assessment of general arboricultural matters for all Airport to Botany Bus Rapid Transit NoRs	4
Assessment of specific arboricultural matters for Airport to Botany Bus Rapid Transit NoR 1	5
Assessment of specific arboricultural matters for Airport to Botany Bus Rapid Transit NoR 2	6
Assessment of specific arboricultural matters for Airport to Botany Bus Rapid Transit NoR 3	7
Assessment of specific arboricultural matters for Airport to Botany Bus Rapid Transit NoRs 4a and 4b	8

Overall conclusion of the level of potential adverse arboricultural effects of the Airport to Botany Bus Rapid Transit Project	9
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2 Project description

2.1 Overview of the Project

The overall Project is proposed to be an 18 km fast, high capacity, reliable, and frequent Bus Rapid Transit (**BRT**) connection with twelve stations. It is part of Auckland's wider Rapid Transit Network (**RTN**) connecting Auckland Airport and its employment areas with major urban centres including Manukau and Botany.

As set out in the AEE, this Report specifically relates to a portion of the overall Project (approximately 14.9 km) which extends from the Botany Town Centre in the vicinity of Leixlep Lane to Orrs Road in the Puhinui peninsula, off SH20B. The Project primarily involves the upgrade and widening of existing transport corridors to provide for a dedicated BRT corridor and high-quality walking and cycling facilities.

Nine BRT stations are proposed as part of the Project. These stations are generally located at signalised intersections and will be staggered on either side of the intersection.

These stations are situated in the following locations:

- Smales Road;
- Accent Drive;
- Ormiston Road – Botany Junction Shopping Centre;
- Dawson Road;
- Diorella Drive;
- Ronwood Avenue (Manukau Central);
- Manukau Station;
- Puhinui Road/Lambie Drive; and
- Puhinui Station.

As part of the Project, two new structures are proposed:

- A BRT bridge crossing the North Island Main Trunk (NIMT) and connecting to the concourse level of the Puhinui Station; and
- A southbound ramp from SH20B to SH20.

Upgrades to existing structures are proposed at the:

- Bridge over Otara Creek (NoR 1);
- Bridge over SH1 (NoR 2);
- Bridge over NIMT (NoR 3); and
- Bridge over Waokauri Creek (NoR 4a).



Figure 1: Overview of the Project and NoR packages

Table 2: Overview of NoRs

Notice	Description	Requiring Authority
NoR 1	Bus Rapid Transit corridor and high quality walking and cycling facilities from Botany Town Centre to Rongomai Park	Auckland Transport
NoR 2	Bus Rapid Transit corridor and high quality walking and cycling facilities from Rongomai Park to Puhinui Interchange, in the vicinity of Plunket Avenue	Auckland Transport
NoR 3	Bus Rapid Transit corridor and high quality walking and cycling facilities from Puhinui Interchange, in the vicinity of Plunket Avenue to SH20/SH20B Interchange	Auckland Transport
NoR 4a	Bus Rapid Transit corridor and high quality walking and cycling facilities from SH20B/20 Interchange to Orrs Road	Auckland Transport
NoR 4b	Alteration to designation 6717 to provide for the widening of SH20B, including a southbound on-ramp onto SH20, high quality walking and cycling facilities and enable a Bus Rapid Transit corridor	NZ Transport Agency

3 Assessment methodology and statutory context

3.1 Preparation for this Report

This Report has been prepared in accordance with the typical arboricultural assessment process of large-scale infrastructure projects.

We have also drawn on experience gained as part of the earlier Airport to Botany Single Stage Business Case (**SSBC**) and short-term rapid transit projects to inform the Project. We provided specialist arboricultural input and reporting as part of these earlier projects on behalf of Waka Kotahi and Auckland Transport.

3.2 Methodology

The Arboricultural Assessment methodology involved recording details of all trees that may be impacted by the construction and operation of the Project within the proposed designations. Trees in this instance will be any woody plant that is 4 m or greater in height, or that may reach this dimension in the future. In particular, trees that are protected by the AUP:OP, under either the District Plan or Regional Plan provisions were recorded (e.g. if scheduled (i.e. a Notable Tree), within the road reserve, open space zone or located in an AUP:OP overlay).

The protection status of trees was recorded, based on the current Regional Plan or District Plan rules that apply to the tree/s growing location. Those trees protected through District Plan provisions are discussed in this Report in terms of an assessment of effects and potential mitigation measures to address these effects. Those trees protected through Regional Plan provisions are included in this Report to inform the indicative design and the proposed designation boundary. Any regional consent requirements in relation to removal or works proximate to such trees will be assessed through a future resource consent process.

Specifically, this assessment was undertaken using the following methodology:

- An overview Project Team workshop. This workshop defined the proposed corridor and detailed the five NoRs to be assessed as part of the Project;
- A review of the Project corridor. Additional information was requested from the Project Team and this informed the initial survey works;
- A high-level desktop survey of all trees and vegetation affected by the Project corridor was undertaken. A high-level route and works footprint plan set were used to inform the initial survey in order to assess the presence of street trees, large areas of densely planted vegetation or significant individual trees (such as Notable Trees);
- The initial survey information was provided to the Project Team in the form of GIS co-ordinates and a excel table with baseline information. The Project Team then transposed this information onto Te Tupu Ngātahi GIS viewer;
- The exact number of trees, areas of vegetation and Notable Trees affected by the proposed works were then refined. This information was then provided to the Project Team and a discussion was held with other discipline specialists including landscape architecture and ecology on potential mitigation;
- For the purposes of this assessment, groups of vegetation were recorded based on the estimated area to be removed. This was measured using the Auckland Council Unitary Plan GIS viewer

measurement tool. It was not considered reasonable or practical to record every tree in each group. Furthermore, it is considered the value of this vegetation type is based on its function in that group as opposed to its value as an individual specimen. A site drive over was undertaken by car to confirm the information was accurate at the time of the desktop survey (March 2022);

- The initial tree and vegetation information has been used to inform the proposed tree and landscape mitigation assessment; and
- This arboricultural assessment has then been prepared to summarise the anticipated arboricultural effects. This Report provides a recommended mitigation strategy, assessment of arboricultural effects in terms of the AUP:OP provisions pertaining to trees and vegetation on roads and open space zoned land and general recommendations from an arboricultural perspective to inform the NoRs and supporting documentation.

For the purposes of this Report, vegetation standing on private property is not assessed in terms of effects unless it is subject to a specific overlay in the AUP:OP and is impacted by the Project.

3.3 Statutory context

3.3.1 Notice of Requirement – District Plan requirements

This assessment has been prepared to support the AEE and NoR process. If confirmed, the designations will authorise the District Plan land use components of the Project. Accordingly, when assessing the actual or potential effects on the environment of allowing the requirement in terms of Section 171 of the RMA, this assessment has been limited to matters that would trigger a District Plan consent requirement. Where regional consenting requirements are triggered, these will not be authorised by the designation, and will require further regional consents.

In order to demonstrate the split between Regional and District Plan matters, protected trees (under either the Regional or District provisions of the AUP:OP) have been listed in tables and plotted on site plans in **Appendix A** of this Report. The tables and site plans assist to identify the potential arboricultural effects of the construction of the Project, and whether these are Regional Plan, or District Plan matters under the AUP:OP.

3.3.2 Future regional resource consents

No regional resource consents are currently being sought for the Project. These will be sought at a later date, before construction commences. Although regional consents are not being sought at this time, arboricultural effects arising in respect of activities that require regional consents have been considered as part of this assessment to inform design, and the proposed designation footprint. While arboricultural effects in respect of regional consent matters have been considered for these limited purposes, a detailed assessment of Regional Plan matters is not proposed to be undertaken at this NoR phase.

3.3.3 Regional Plan and District Plan rules

The following tables set out the relevant rules that apply tree protection for the Project under the District Plan and the Regional Plan jurisdiction of the AUP:OP.

Table 3: AUP:OP Regional Plan and District Plan rules

AUP:OP jurisdiction	Reference	Rule	Where rule applies	Activity status
RP	E26.3.3.1 (A76)	Vegetation alteration or removal that complies with Standards E.26.3.5.1 to E.26.3.5.4 (See note)	Rural zones, coastal areas and riparian areas and SEA overlays	Permitted Activity
RP	E26.3.3.1 (A77)	Vegetation alteration or removal that does not comply with Standards E26.3.5.1 to E26.3.5.4 (See note)	Rural zones, coastal areas and riparian areas and SEA overlays	Restricted Discretionary Activity
RP	E26.3.3.1 (A78)	Vegetation alteration or removal not otherwise provided for	Rural zones, coastal areas and riparian areas and SEA overlays	Discretionary Activity
DP	E26.4.3 Activity Table	All activities (must) obtain the approval of the Tree Asset Manager	Trees in roads and on open space zones	Mandatory requirement
DP	E26.4.3.1 (A83)	Tree trimming or alteration	Trees in roads and on open space zones	Permitted Activity
DP	E26.4.3.1 (A84)	Tree trimming or alteration that does not comply with Standard E26.4.5.1 (Trees in streets and open space zones) or Standard E.26.4.5.3 (Notable Trees)	Trees in roads and on open space zones	Restricted Discretionary Activity
DP	E26.4.3.1 (A87)	Works within the protected root zone that comply with Standard E26.4.5.2	Trees in roads and on open space zones	Permitted Activity
DP	E26.4.3.1 (A88)	Works within the protected root zone not otherwise provided for	Trees in roads and on open space zones	Restricted Discretionary Activity
DP	E26.4.3.1 (A91)	Tree removal of Notable Trees	Notable Tree overlay	Discretionary
DP	E26.4.3.1 (A91)	Tree alteration or removal of any tree less than 4m in height and/or less than 400mm in girth	Trees in roads and on open space zones	Permitted Activity
DP	E26.4.3.1 (A92)	Tree alteration or removal of any tree greater than 4m in height and/or greater than 400mm in girth (See note 2)	Trees in roads and on open space zones	Restricted Discretionary Activity
DP	E26.4.3.1 (A93)	Tree trimming, alteration or removal not otherwise provided for	Trees in roads and on open space zones	Discretionary Activity

Note: Standard E26.5.3.2 Vegetation alteration or removal states:

(1) Must not include trees over 6 m in height, or 600 mm in girth unless their removal is otherwise permitted by a rule in this Plan.

(2) Must not result in the removal of more than 20 m² of vegetation within a significant ecological area, except within the formation width of the road.

(3) Must not result in the removal of more than 50 m² of vegetation within a coastal area or riparian area not identified as a significant ecological area.

(5) Must not result in the removal of more than 500 m² of vegetation within the legal road or the formation width of the road in a rural zone.

(6) Must not result in the removal of more than 250 m² of vegetation outside the legal road or the formation width of the road in a rural zone.

4 All Airport to Botany Bus Rapid Transit NoRs

This section assesses common or general arboricultural matters across the entire Airport to Botany Bus Rapid Transit corridor (i.e. all five NoRs). This section also recommends measures to avoid, remedy, or mitigate actual or potential adverse effects.

4.1 Positive arboricultural effects

Positive arboricultural effects will occur within the Puhinui Road extent of NoR 2 and NoR 3. These areas contain predominately Pohutukawa street trees growing in a narrow berm directly adjacent to the existing carriageway. This existing berm is approximately 1 m in width for the majority of these sections. This constrained environment and proximity to the kerb is impacting the development of these trees. The proposed cross section includes a wider berm on both sides of the new corridor for the majority of NoR 2 and NoR 3. This will allow for the replanting of new trees in a more suitable environment and with more clearance than currently provided in some cases.

The proposed berms will continue for the entire alignment, in which replacement planting is to be undertaken where possible. It is noted that in some cases, such as near intersections or BRT Stations, that further planting may not be possible.

The full extent of replacement planting cannot be determined at this stage of the process, due to the likely construction timeline for the final Project being 10 to 15 years into the future. However, an initial review of the entire NoR area has determined that an estimated 2,000 new trees could be planted within the berms throughout the route. Further opportunities for replanting have been identified at SH20B/SH20, which has been included in the designation boundary.

4.2 Assessment of operational effects

Operational effects of the Project are largely limited to the maintenance of sight lines and the overhead and lateral clearances of general traffic lanes and the high quality walking and cycling facilities. The required clearances will largely be limited to existing retained vegetation and newly planted vegetation within the proposed berm area will only require management in the medium term.

4.3 Recommended measures to avoid, remedy or mitigate operational effects

It is recommended that any new street trees or mass planted vegetation (trees specifically) are planted no closer to the future general traffic lanes than 1 m to enable unrestricted future growth.

Once the Project has been constructed, no further effects on trees are anticipated. Ongoing maintenance of street trees and trees retained adjacent to the corridor is a standard operational requirement.

4.4 Summary and conclusions

Effect	Assessment	Recommendation
Operational		
Tree trimming or alteration	Replacement trees may require maintenance to retain sight lines and the overhead and lateral clearances of general traffic lanes and the high quality walking and cycling facilities	New street trees or mass planted vegetation (trees specifically) are planted no closer to the future general traffic lanes than 1 m. This is to be addressed in the ULDMP

5 Airport to Botany Bus Rapid Transit – NoR 1

This section assesses specific arboricultural matters relating to NoR 1 – between Botany Town Centre and Rongomai Park.

5.1 Overview and description of works

As set out in Table 4 below, the proposed works in NoR 1 include the widening of existing Te Irirangi Drive to accommodate a centre-running BRT corridor, two vehicle lanes in each direction and high quality walking and cycling facilities.

Table 4: Overview of NoR 1

NoR 1 – Botany Town Centre to Rongomai Park	
Key features	
BRT Corridor	Centre-running along Te Irirangi Drive
BRT Stations	<ul style="list-style-type: none"> • Smales Road Station; • Accent Drive Station; and • Ormiston Road Station.
Walking and cycling facilities	Walking and cycling facilities on both sides of the corridor
General traffic	Two lanes in each direction (existing)
Access	There is an existing central median along the majority of Te Irirangi Drive which restricts right-turn access

Speed environment	50km/h
Signalised intersections	<ul style="list-style-type: none"> • Te Irirangi Drive and Smales Road; • Te Irirangi Drive and Accent Drive; • Te Irirangi Drive and Bishop Dunn Avenue; and • Te Irirangi Drive and Ormiston Road.
Stormwater infrastructure	<ul style="list-style-type: none"> • Swales; and • Wetlands.
NoR 1 typical cross section	

5.2 Existing environment

The existing environment includes 683 single trees and 25 groups of trees that are growing within the road reserve and open space zones, and are protected under the AUP:OP. Given the quantum of trees located within this NoR, details of each tree are set out in **Appendix A** of this Report.

In summary, the berms of NoR 1 are planted with Pohutukawa and a Washingtonia Palm central median continues for the entire length. Mass planted indigenous vegetation are grouped in a number of locations on the eastern and western sides of the existing Te Irirangi Drive road corridor. Details of these areas are set out in the subsequent sections.

5.2.1.1 Mass planted vegetation – Road Reserve adjacent to Leixlep Lane – Group 1082 (932.1 m²)

This area of mass planted vegetation is growing on a strip of road reserve adjacent to the Leixlep Lane. This area is typical of the other mass planted vegetated areas nearby, with tree species largely Pohutukawa, Tarata and Griselinia.



Figure 2: Group 1082 adjacent to Leixlep Lane

5.2.1.2 Mass planted vegetation – Road Reserve adjacent to Marlon and Franco Lane – Group 1109 (2380.2 m²)

This area of mass planted vegetation is growing on a strip of road reserve adjacent to the Marlon and Franco Lane. This area is typical of the other mass planted vegetated areas nearby, with tree species largely Pohutukawa and Tarata.



Figure 3: Group 1109 adjacent to Marlon Lane

5.2.1.3 Mass planted vegetation – Road Reserve adjacent to Aaronville Way – Group 1114 (1000.5 m²)

This area of mass planted vegetation is growing on a strip of road reserve adjacent to Aaronville Way. This area is typical of the other mass planted vegetated areas nearby, with tree species including Pohutukawa, Tarata, Mahoe and Ngaio.



Figure 4: Group 1114 adjacent to Aaronville Way

5.2.1.4 Mass planted vegetation – Road Reserve adjacent to Kanturk Close – Group 1075 (1077 m²)

This area of mass planted vegetation is growing on a strip of road reserve adjacent to Kanturk Close. This area is typical of the other mass planted vegetated areas nearby, with tree species including Pohutukawa, Tarata, Mahoe and Ngaio.



Figure 5: Group 1075 adjacent to Kanturk Close

5.2.1.5 Mass planted vegetation – Road Reserve southwest of Smales Road/Te Irirangi Dr intersection – Group 1072 (1131.7 m²)

This area of mass planted vegetation is growing on a strip of road reserve on the south-western side of the Te Irirangi Drive and Smales Road intersection. This area is typical of the other mass planted vegetated areas nearby, with this area predominantly Ngaio with understorey species such as *Coprosma* and Harakeke (*Phormium sp.*). This cluster also includes three Pohutukawa street trees.



Figure 6: Strip of Road Reserve on the north-western side of the Te Irirangi Drive and Smales Road intersection

5.2.1.6 Mass planted vegetation – Road Reserve northeast of Smales Road and Te Irirangi Dr intersection – Group 1121 (503.7 m²)

This area of mass planted vegetation is growing on a strip of road reserve on the north-eastern side of the Te Irirangi Drive and Smales Road intersection. This area is typical of the other mass planted vegetated areas nearby, with this area predominantly Ngaio with understory species such as *Coprosma* and Harakeke (*Phormium sp.*).



Figure 7: Strip of Road Reserve on the north-eastern side of the Te Irirangi Drive and Smales Road intersection

5.2.1.7 Mass planted vegetation – Road Reserve southeast of Smales Road and Te Irirangi Dr intersection – Group 844 (1415.6 m²)

This area of mass planted vegetation is growing on a strip of road reserve on the south-eastern side of the Te Irirangi Drive and Smales Road intersection. This area is typical of the other mass planted vegetated areas nearby, with this area predominantly Ngaio with understorey species such as *Coprosma* and Harakeke (*Phormium sp.*).



Figure 8: Strip of Road Reserve on the south-eastern side of the Te Irirangi Drive and Smales Road intersection

5.2.1.8 Mass planted vegetation – Road Reserve southwest of Smales Road/Te Irirangi Dr intersection – Group 839 (962.5 m²)

This area of mass planted vegetation is growing on a strip of road reserve on the south-western side of the Te Irirangi Drive and Smales Road intersection. This area is typical of the other mass planted vegetated areas nearby, with this area predominantly Ngaio with understorey species such as *Coprosma* and Harakeke (*Phormium sp.*).



Figure 9: Group 839 on the south-eastern side of the Te Irirangi Drive and Smales Road intersection.

5.2.1.9 Mass planted vegetation – Road Reserve just adjacent to Gransna Lane – Group 837 (766.2 m²)

This area of mass planted vegetation is growing on a strip of road reserve adjacent to Gransna Lane. This area is typical of the other mass planted vegetated areas nearby, with tree species including Pohutukawa, Tarata, Mahoe and Ngaio.



Figure 10: Group 837 adjacent to Gransna Lane

5.2.1.10 Mass planted vegetation – Road Reserve just adjacent to Sheddings Lane – Group 849 (3013.3 m²)

This area of mass planted vegetation is growing on a strip of road reserve adjacent to Sheddings Lane. This area is typical of the other mass planted vegetated areas nearby, with tree species including Pohutukawa, Tarata, Mahoe and Ngaio.



Figure 11: Group 839 adjacent to Sheddings Lane

5.2.1.11 Mass planted vegetation – Road Reserve just adjacent to Wando Lane – Group 832 (1052.3 m²)

This area of mass planted vegetation is growing on a strip of road reserve adjacent to Wando Lane. This area is typical of the other mass planted vegetated areas nearby, with tree species including Pohutukawa, Tarata, Mahoe and Ngaio.



Figure 12: Group 832 to the north of 457 East Tamaki Road

5.2.1.12 Mass planted vegetation – Road Reserve just north of 457 East Tamaki Road – Group 830 (866.60 m²)

This area of mass planted vegetation is growing on a small area of road reserve adjacent to an existing pedestrian overbridge. The removal of vegetation in this area will be required to facilitate the dismantling of the pedestrian bridge, and the construction of the BRT lanes, high quality walking and cycling facilities and linear stormwater treatment devices.

This area is typical of the other mass planted vegetated areas nearby, with tree species including Manuka, Mahoe, Tarata and Taupata. The reserve also includes approximately seven Norfolk Island Pines.

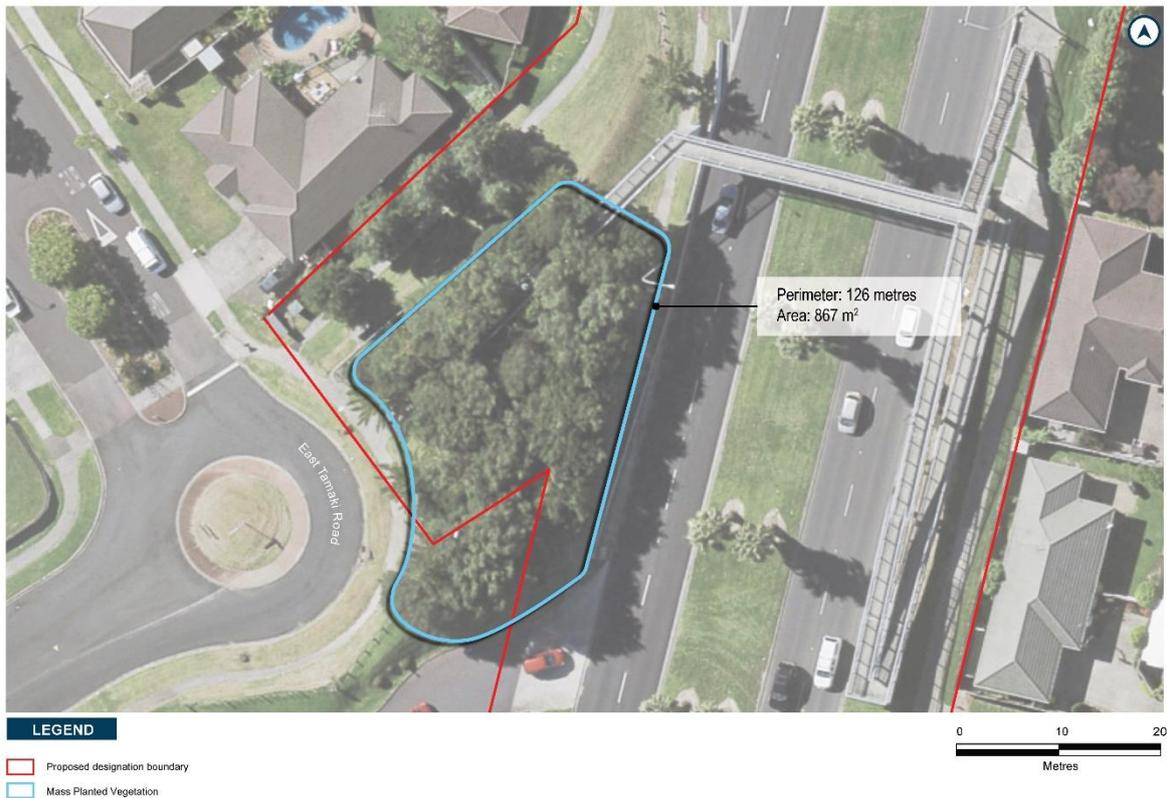


Figure 13: Group 830 to the north of 457 East Tamaki Road

5.2.1.13 Mass planted vegetation – Te Irirangi Drive adjacent to Moravale Lane and Strundenn Close – Group 863 (302.8 m²)

This row of *Griselinia* is planted in on a small strip of road reserve land adjacent to Moravale Lane. The group is in poor condition and will likely be removed in the future.

This strip of vegetation will require removal to facilitate both the construction of the BRT lanes, high quality walking and cycling facilities and linear stormwater treatment devices.



Figure 14: Group 863 growing adjacent to Moravale Lane

5.2.1.14 Mass planted vegetation – Corner of Accent Drive and Te Irirangi Drive – Group 871 (650.9 m²)

This row of indigenous vegetation is planted in on a small strip of road reserve land on the north-eastern corner of Accent Drive and Te Irirangi Drive. The group is dominated by semi-mature Pohutukawa and *Pittosporum sp.* and currently provides screening for the adjacent private properties.

Works will be required near to this vegetation. Approximately 176 m² of this vegetation will require removal to facilitate the Project works. The remaining section near the Accent Drive intersection will be retained.



Figure 15: Group 871 growing to the northeast of the Accent Drive and Te Irirangi Drive intersection.

5.2.1.15 Mass planted vegetation – Corner of Accent Drive and Te Irirangi Drive – Group 871a (301.9 m²)

This row of indigenous vegetation is planted in on a small strip of road reserve land on the south-eastern corner of Accent Drive and Te Irirangi Drive. The group is dominated by semi-mature Pohutukawa and *Pittosporum sp.* and currently provides screening for the adjacent private properties.

Works will be required near to this vegetation. However, retention of the majority of this vegetation is currently proposed.



Figure 16: Row of planted trees proposed for retention at corner of Accent Drive and Te Irirangi Drive

5.2.1.16 Mass Planted and Riparian Vegetation – 310 Te Irirangi Drive and Road Reserve – Group 1161 – (1,008.0 m²)

This area of mixed indigenous vegetation is growing on the western side of Te Irirangi Drive just north of the Ormiston and Te Irirangi Drive intersection adjacent to an existing stream that travels west beneath the existing Te Irirangi Drive carriageway.

This strip of vegetation will require removal to facilitate both the construction of the BRT lanes, high quality walking and cycling facilities and linear stormwater treatment devices.

The vegetation growing within this strip is predominately Manuka scrub with the occasion Kowhai (*Sophora tetraptera*), Mahoe, Ti Kouka (*Cordyline australis*) and *Pittosporum sp.* throughout the planting.

Portions of this area are adjacent to the existing stream and as such are protected by the Regional Plan riparian vegetation rules. Resource Consent will be obtained closer to construction to authorise the removal of this riparian vegetation.



Figure 17: Group 1157 within 310 Te Irirangi Drive

5.2.1.17 Mass Planted and Riparian Vegetation – 310 Te Irirangi Drive – Group 1159 – (635.6 m²)

This area of mixed indigenous vegetation is growing on the eastern side of Te Irirangi Drive just north of the Ormiston and Te Irirangi Drive intersection adjacent to an existing stream that travels west beneath the existing Te Irirangi Drive carriageway.

The vegetation growing within this strip is predominately Manuka scrub with the occasion Kowhai (*Sophora tetraptera*), Mahoe, Ti Kouka (*Cordyline australis*) and *Pittosporum sp.* throughout the planting.

Portions of this area are adjacent to the existing stream and as such are protected by the Regional Plan riparian vegetation rules. Resource Consent will be obtained closer to construction to authorise the removal of this riparian vegetation.



Figure 18: Group 1159 growing to the east of the Te Irirangi Drive carriageway

5.2.1.18 Mass planted vegetation – 303 Te Irirangi Drive – Group 1158 – (2844.6 m²)

This area of mixed indigenous vegetation is growing on the eastern side of Te Irirangi Drive just north of the Ormiston and Te Irirangi Drive intersection. The vegetation growing within this strip is predominately Manuka scrub with the occasion Kowhai (*Sophora tetraptera*), Mahoe, Ti Kouka (*Cordyline australis*) and *Pittosporum sp.* throughout the planting.

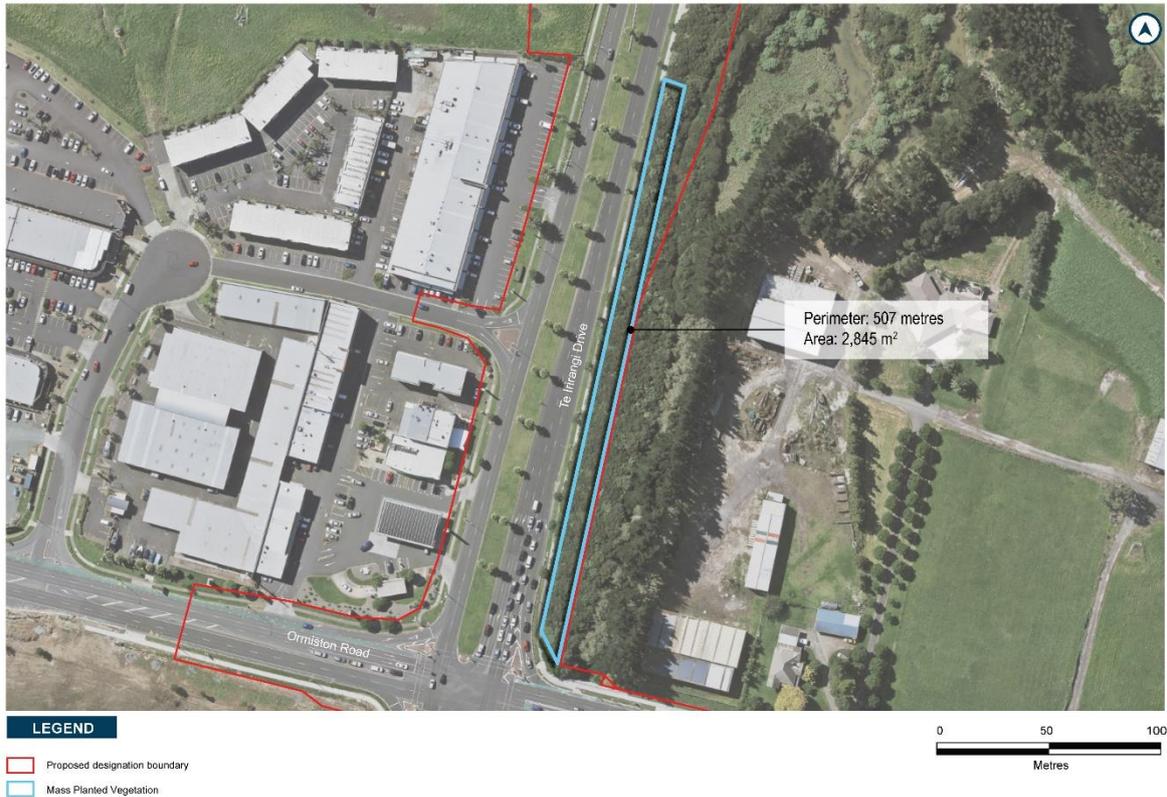


Figure 19: Group 1158

5.2.1.19 Griselinia hedge growing adjacent to Tonu'u Court, Riechelmann Court and Mika Court – Group 1155b – (1200.8 m²)

A Griselinia hedge is growing along the eastern side of Te Irirangi Drive from Mika Court to Riechelmann Court. This hedge was likely planted as screen for the adjacent properties but has not thrived in its current environment.

In the interest of completeness, this hedge has been added to the total area of vegetation removed within NoR 1.



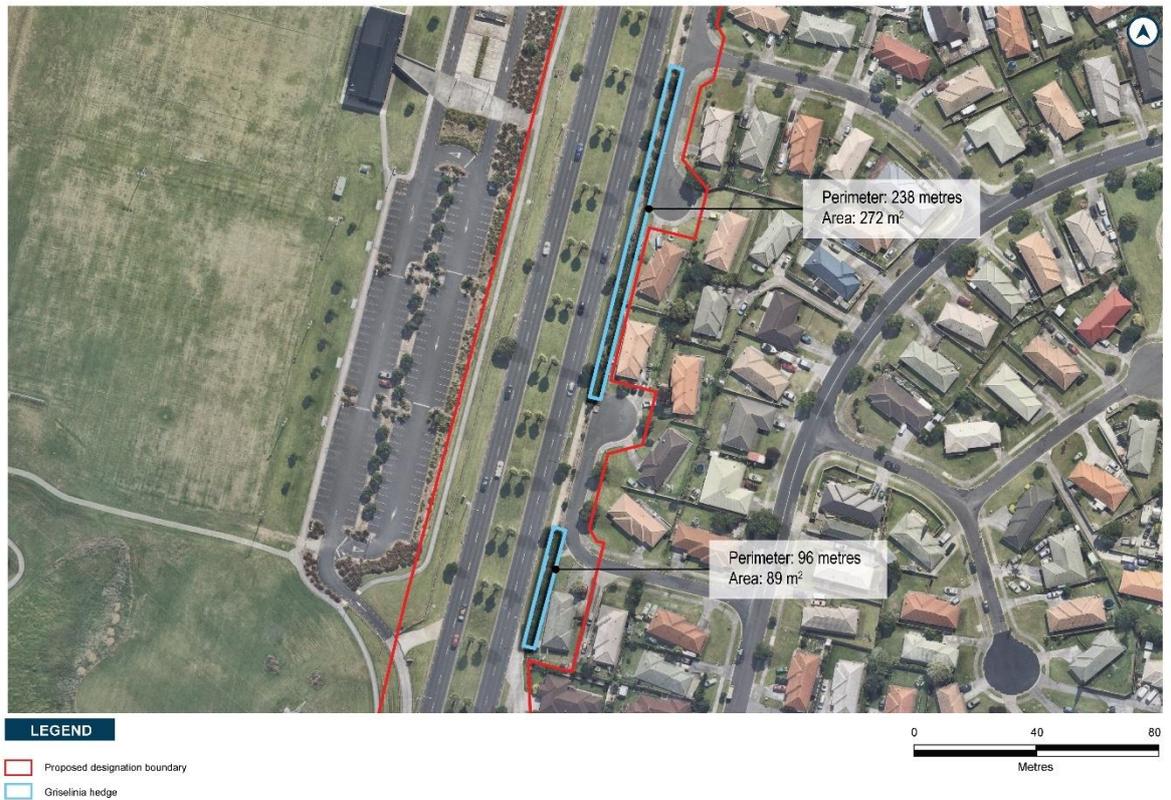


Figure 20: Griselinia hedge running from Mika Court to Riechelmann Court

5.2.1.20 Riparian Vegetation –Group 1056 234a Te Irirangi Drive (223.4 m²)

This grouping of vegetation is located on the western side of Te Irirangi Drive adjacent to the existing pedestrian bridge located near the southwestern corner of Rongomai Park. A small area of vegetation will be affected by the construction of the BRT lanes, high quality walking and cycling facilities and linear stormwater treatment devices. The vegetation in this location is of a similar type to Group 1056 and is planted with species such as Manuka, Titoki, Taupata, Karo, Mapou and Mahoe (*Melicytus ramiflorus*)

Care must be taken to minimise the fringe effects on the remaining vegetation with care taken to minimise impacts on the adjacent stream.

Portions of this area are adjacent to the existing stream and as such are protected by the Regional Plan riparian vegetation rules. Resource Consent will be obtained closer to construction to authorise the removal of this riparian vegetation.

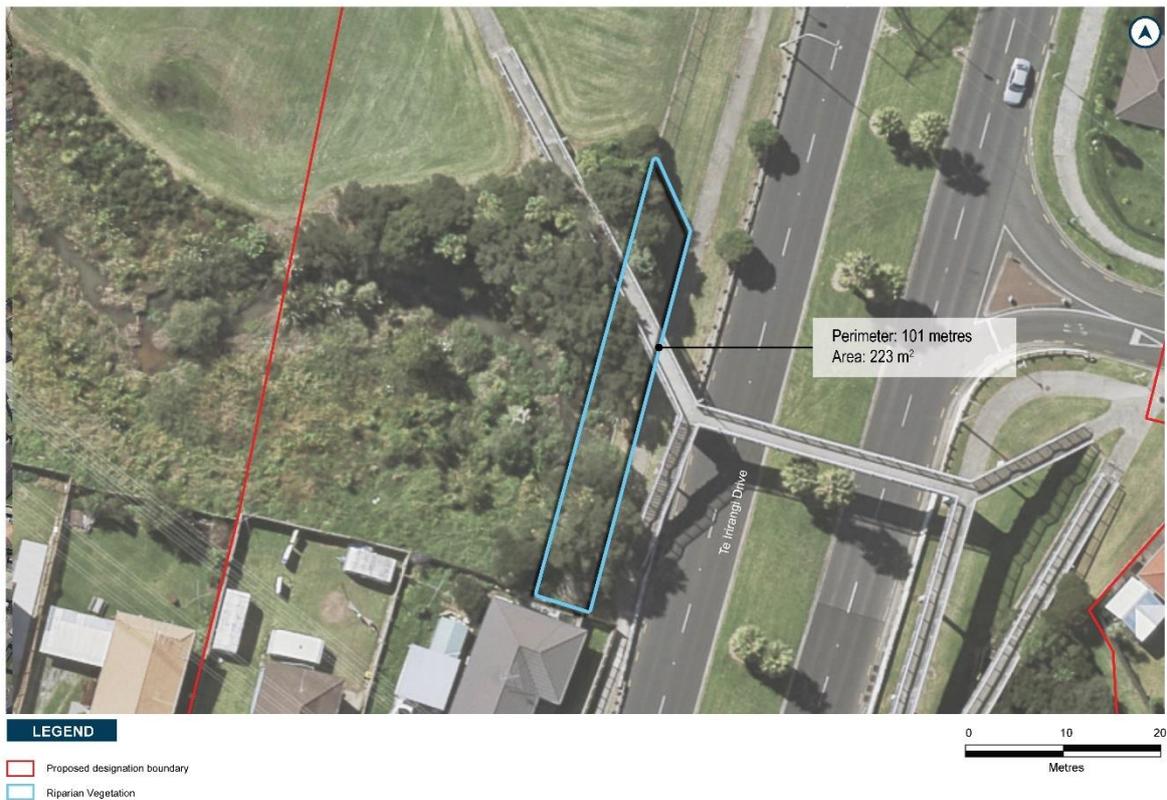


Figure 21: Group 1056 adjacent to Rongomai Park

5.3 Assessment of construction effects

The removal of all street trees growing along both sides of the corridor as well as the central median area will be required within NoR 1. The individual street trees along this corridor comprise of almost entirely Pohutukawa on the eastern and western sides of Te Irirangi Drive and a double row of Washingtonia Palms along the central median. Details of each tree are set out in **Appendix A** of this Report.

5.3.1 Mass planted vegetation

In addition to the above, the removal of mass planted vegetation growing within the road reserve and on open space zoned land will be required throughout NoR 1.

For all of the mass planted vegetation groups the removal of this vegetation will be required to facilitate the construction of the BRT lanes, high quality walking and cycling facilities and linear stormwater treatment devices.

5.4 Recommended measures to avoid, remedy or mitigate construction effects

5.4.1.1 Tree removal and replacement planting

As noted previously, the removal of trees on both sides of the proposed corridor as well as the central median will be required throughout the entire corridor as well as intersection connection points.

The new berm areas will be available for replacement planting, with it recommended that all available berm be utilised for new tree plantings. The final landscape design should be reviewed and arboricultural input provided prior to implementation to ensure tree species selection and locations are suitable from a long-term perspective.

A TMP should be developed prior to construction to identify existing trees protected under the District Plan provisions that require removal and detail methods for all work within the root zone of trees that are to be retained. The TMP should include:

- Confirmation that protected trees identified in **Appendix A** still exist;
- Advice on how the design and location of works can avoid, remedy or mitigate effects on the existing trees;
- Recommended planting to replace trees that require removal;
- Establishing tree protection zones and specifying tree protection measures such as protective fencing, ground protection and physical protection of roots, trunks and branches; and
- Detailing methods for all work within the root zone of trees that are to be retained in line with appropriate arboricultural standards.

Replacement planting will be decided through planting details for the Project under the ULDMP proposed as a condition on the designation. The ULDMP should also include detail of methodologies to establish new trees within the road reserve, including creation of quality below ground environments, correct planting and appropriate maintenance.

For the NoRs, the TMP will be limited to the identification of trees protected under the District Plan, as trees protected under Regional Plan provisions will be addressed as part of a future resource consent process. Consideration of tree transplanting should be included in the TMP, where good quality trees in the road reserve are identified for removal. A verification assessment of the quality of the trees and the feasibility of transplantation should form part of the TMP.

5.4.1.2 Mass vegetation removal

In the case of the removal of the mass planted vegetation throughout NoR 1, care must be taken to minimise any construction impacts in terms of the fragmentation of the remaining vegetation beyond the proposed removed areas.

Where practicable, the works area must be kept to a minimum, with retaining walls utilised in place of batters where adjacent to retained vegetation. Edge effects must be management appropriately in the management of construction machinery required to avoid unnecessary temporary effects.

A specific verification assessment and recommendations are to be provided as part of the preparation of the TMP. These recommendations must include a tree protection methodology and set out parameters for the management of the ongoing health of any retained trees.

In some cases, it may be possible to transplant/relocate some specimen trees in these areas. A detailed transplant assessment should be prepared at the time of detailed design. The transplant assessment is to include maintenance periods, methodology of transplant and the new location for each relocated tree.

5.4.2 Assessment of operational effects

Nil. Refer to Section 4.2 of this Report

5.4.3 Recommended measures to avoid, remedy or mitigate operational effects

Nil. Refer to Section 4.3 of this Report.

5.5 Summary and conclusions

The Project works affect 683 protected trees in the road reserve and open space zoned areas. The works are likely to have adverse effects on these trees. Provided that these trees are retained and protected where possible during the Project works, or they are replaced with new trees as part of the ULDMP the effects on these trees will be mitigated.

Table 5: Summary of effects and recommendations for NoR 1

Effect	Assessment	Recommendation
Construction		
Removal of trees to enable the Project	The removal of 683 individual trees will require removal to enable the Project in this section	Replacement planting at a minimum of 2:1. The replacement of at least 27,084 m ² of mass planted indigenous vegetation is recommended for this section. Replacement planting will be decided through planting details for the Project under the ULDMP proposed as a condition on the designation. The methodology for protection is to be included in the TMP.

Operation		
Tree trimming or alteration	Replacement trees may require maintenance to retain sight lines and the overhead and lateral clearances of general traffic lanes and the high quality walking and cycling facilities	New street trees or mass planted vegetation (trees specifically) are planted no closer to the future general traffic lanes than 1 m.

6 Airport to Botany Bus Rapid Transit – NoR 2

This section assesses specific arboricultural matters relating to NoR 2 – between Rongomai Park and Puhinui Station, in the vicinity of Plunket Avenue. For assessment purposes, NoR 2 has been split into three sections as shown in Figure 22 below:

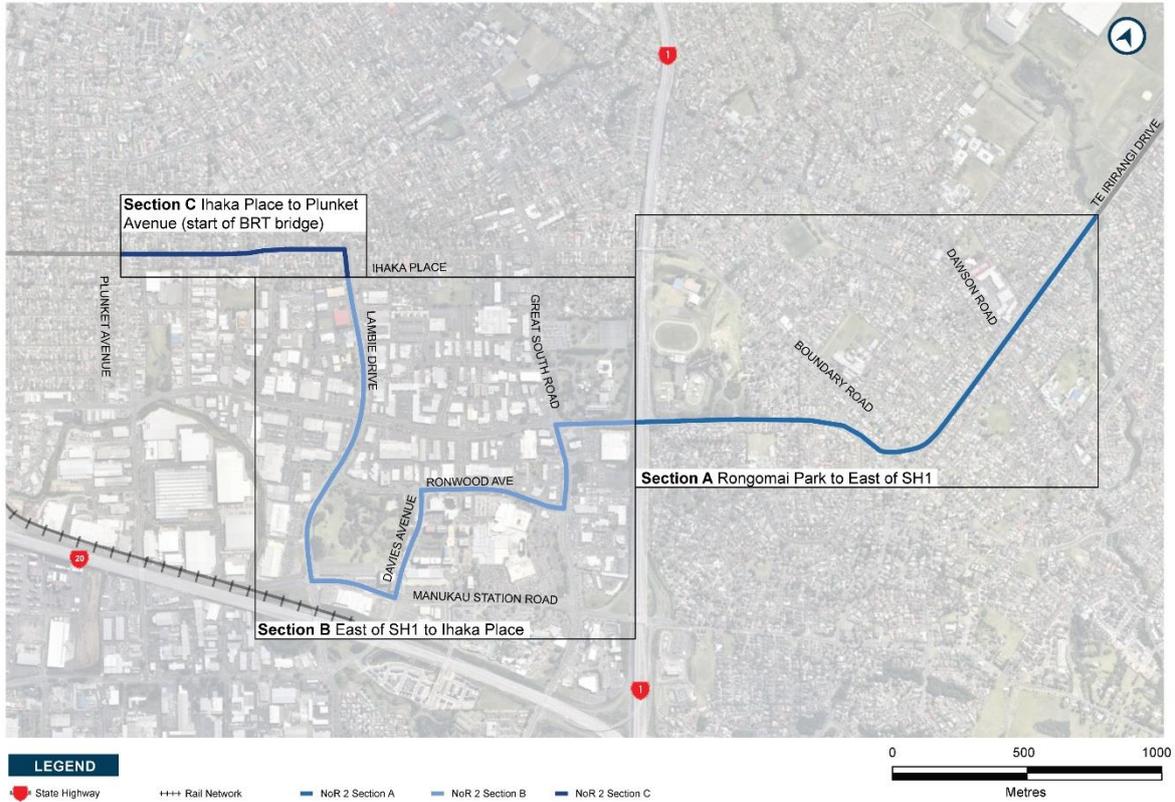


Figure 22. Sections of Airport to Botany Bus Rapid Transit NoR 2

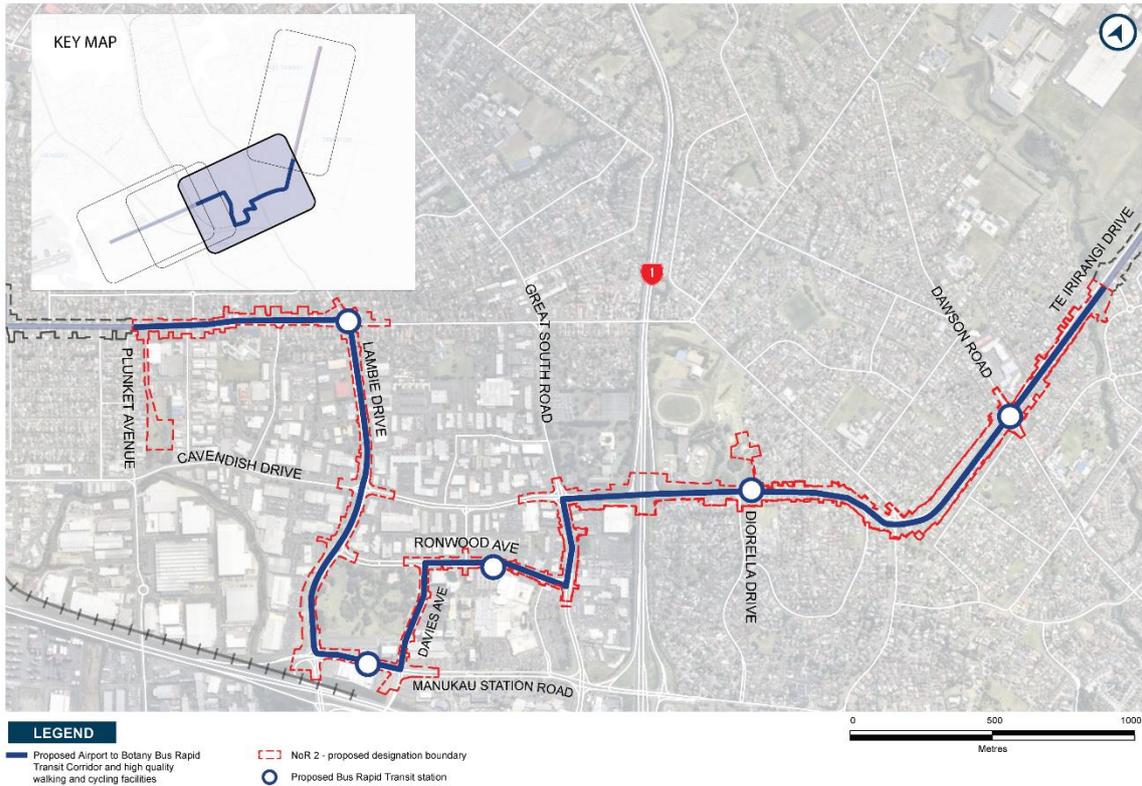
6.1 Overview and description of works

As set out in

Table 6 below, the proposed works in NoR 2 include the widening of several existing roads to accommodate a centre-running BRT corridor, vehicle lanes and high quality walking and cycling facilities.

Table 6: Overview of NoR 2

NoR 2 – Rongomai Park to Puhinui Station, in the vicinity of Plunket Avenue

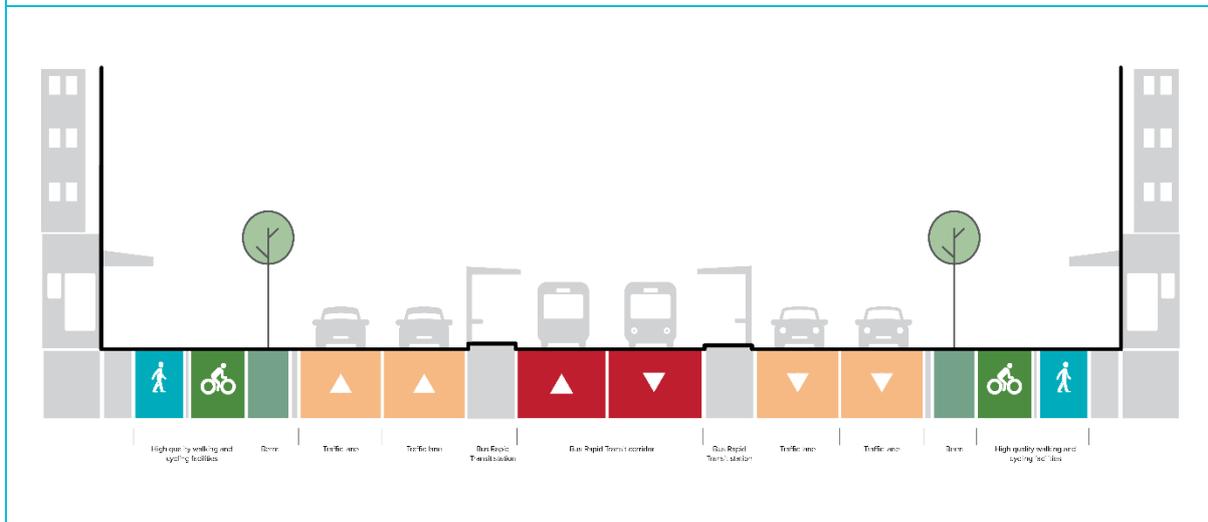


Key features

<p>BRT Corridor</p>	<p>Centre-running for the majority of the corridor along Te Irirangi Drive, Great South Road, Ronwood Avenue, Manukau Station Road, Lambie Drive, and Puhinui Road</p> <p>West-running on Davies Avenue along the edge of Hayman Park</p>
<p>BRT stations</p>	<ul style="list-style-type: none"> • Dawson Road Station; • Diorella Drive Station; • Ronwood Avenue Station; • Manukau Station; and • Corner of Lambie Drive and Puhinui Road Station.
<p>Walking and cycling facilities</p>	<p>Walking and cycling facilities on both sides of the corridor</p>
<p>General traffic</p>	<ul style="list-style-type: none"> • Two lanes in each direction along Te Irirangi Drive, Great South Road, Ronwood Avenue, Manukau Station Road, and Lambie Drive; • One-way single lane along Davies Avenue; and • One lane in each direction along Puhinui Road.
<p>Access</p>	<p>Existing central medians limit right turn access on Te Irirangi Drive, Great South Road, Ronwood Avenue, and Lambie Drive.</p> <p>New signalised intersection at Mitre 10 and Bunnings Warehouse on Lambie Drive.</p>

	Priority access for fire engine movements across the BRT corridor at Papatoetoe Fire Station.
Speed environment	<ul style="list-style-type: none"> • 30 km/h on Ronwood Avenue and Davies Avenue; and • 50 km/h on Te Irirangi Drive, Great South Road, Manukau Station Road, Lambie Drive and Puhinui Road.
Signalised intersections (new intersections in bold)	<ul style="list-style-type: none"> • Te Irirangi Drive and Dawson Road; • Te Irirangi Drive, Boundary Road and Hollyford Drive; • Te Irirangi Drive and Diorella Drive; • Te Irirangi Drive, Great South Road and Cavendish Drive; • Great South Road and Ronwood Avenue; • Ronwood Avenue and Davies Avenue; • Davies Avenue, Wiri Station Road and Manukau Station Road; • Manukau Station Road and Lambie Drive; • Mitre 10 and Bunnings Warehouse; • Lambie Drive and Ronwood Avenue; • Lambie Drive and Cavendish Drive; • Lambie Drive and Puhinui Road; and • Puhinui Road and Plunket Avenue.
Stormwater infrastructure	<ul style="list-style-type: none"> • Swales; and • Wetlands.

NoR 2 typical cross section



6.2 Section A: Rongomai Park to East of SH1

6.2.1 Existing environment

The street trees growing along this section of NoR 2 are a mixture of Pohutukawa and London Plane (*Platanus x acerifolia*) growing on the northern and southern berms with Washingtonia Palms growing through the central median.

Given the quantum of trees located within this NoR, details of each tree are set out in **Appendix A** of this Report.

6.2.2 Assessment of construction effects

The Project works include the widening of Te Irirangi Drive to include the construction of the BRT lanes and high quality walking and cycling facilities. As a consequence, all street trees within this section will require removal.

6.2.2.1 Mass planted vegetation – 51R Medvale Avenue – Group 1155 (212 m²)

Vegetation removal is proposed within this small reserve as part of the Project works and to provide for stormwater treatment.

An area of indigenous planted vegetation adjacent to the existing footpath will require removal to facilitate these works, with this area predominately planted with Manuka (*Leptospermum scoparium*), Titoki (*Alectryon excelsus*), Taupata (*Coprosma repens*), Tarata, Karo and Mapou (*Myrsine australis*).

A number of individual specimen trees to the south of the main plantings will also require removal to enable the new stormwater treatment area. Trees in this area include Magnolia, Karo and Manuka.

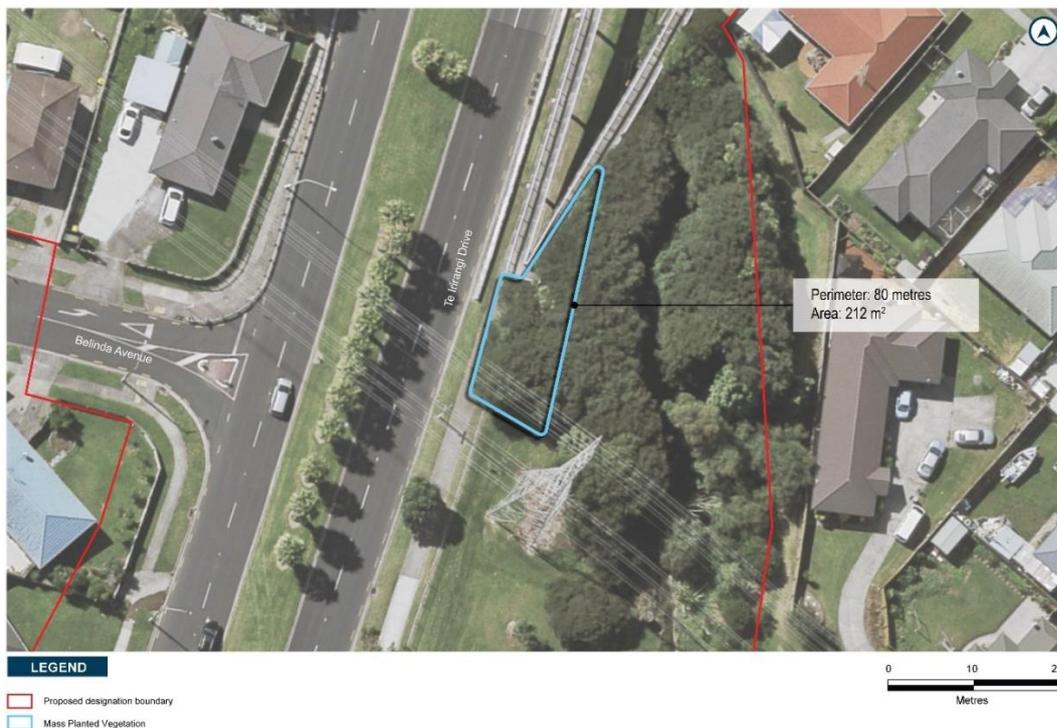


Figure 23. Group 1155 growing within 51R Medvale Avenue

6.2.2.2 Mass Indigenous and Exotic Plantings – Manukau Sports Bowl

The removal of mass planted indigenous vegetation will be required on road reserve and within the Manukau Sports Bowl site (1 Te Irirangi Drive) with this area zoned open space in the AUP:OP. A total of 5,620.20 m² of vegetation will require removal in this location.

These plantings are a mixture of Pioneer species and semi-mature climax canopy species. The more significant tree species in this location include Puriri (*Vitex lucens*), Karaka (*Corynocarpus laevigatus*), Karo (*Pittosporum crassifolium*), Houpara (*Pseudopanax sp.*), Totara (*Podocarpus totara*), Tarata (*Pittosporum eugenioides*), Coastal Redwood (*Sequoia sempervirens*), Norfolk Island Pine and Ngaio (*Myoporum laetum*).

Three main areas of vegetation will require removal to facilitate the construction works as below:



Figure 24. Group 1154 (1,292 m²) growing on Road Reserve adjacent to 19R Boundary Road and within 19R Boundary Road.

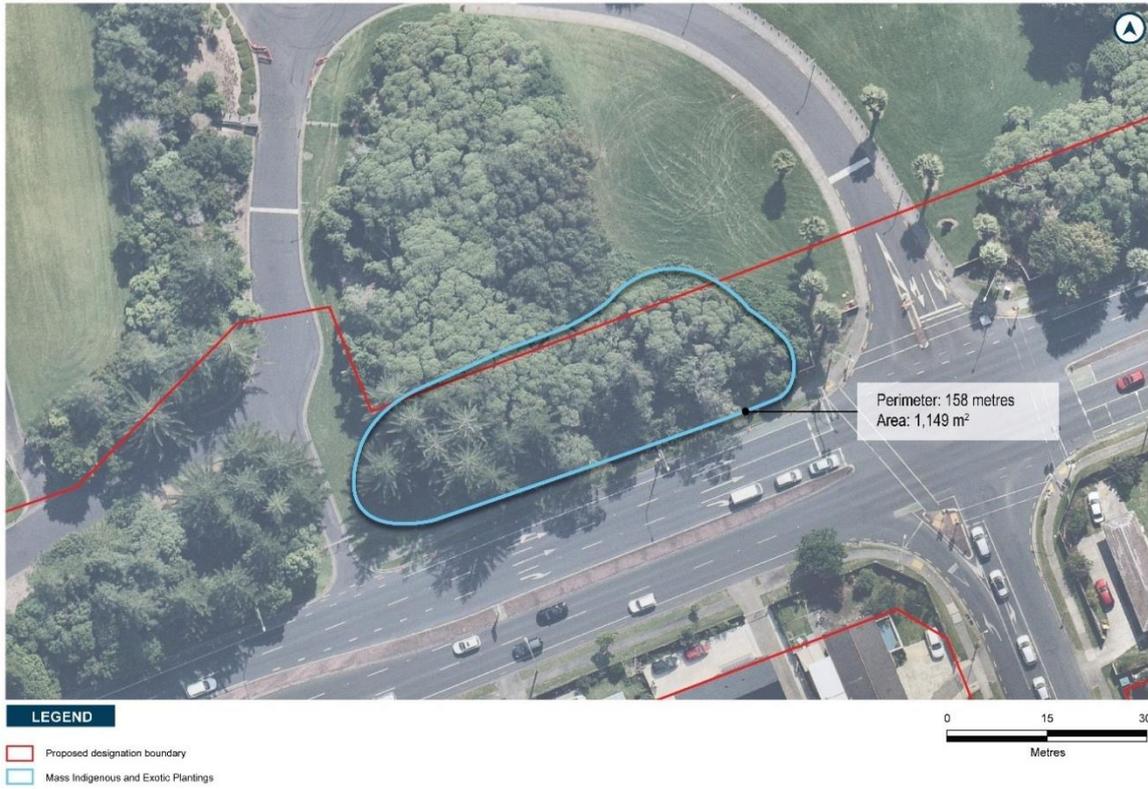


Figure 25. Group 1151 (1,149.20 m²) growing on Road Reserve adjacent to 19R Boundary Road and within 19R Boundary Road

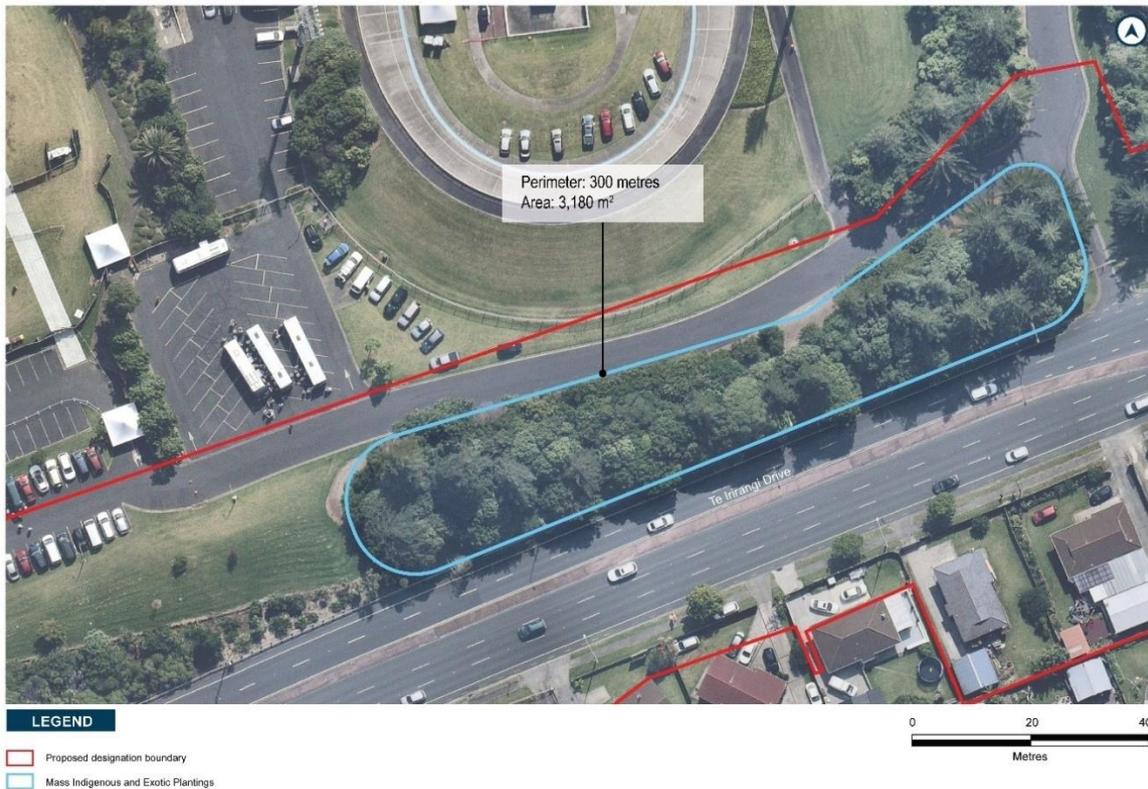


Figure 26. Group 1149 (3,179.7 m²) growing on Road Reserve adjacent to 19R Boundary Road and within 19R Boundary Road



Figure 27. Group 1147 (986 m²) growing on Road Reserve adjacent to 19R Boundary Road

6.2.3 Recommended measures to avoid, remedy or mitigate construction effects

6.2.3.1 Tree removal and Replacement Planting

As noted previously, the removal of trees on both sides of the corridor as well as the central median will be required.

The new berm areas will be available for replacement planting, with it recommended that all available berm be utilised for new tree plantings. The final landscape design prepared as part of the ULDMP should be reviewed and arboricultural input provided prior to implementation to ensure tree species selection and locations are suitable from a long-term perspective.

A TMP should be developed prior to construction to identify existing trees protected under the District Plan provisions that require removal and detail methods for all work within the root zone of trees that are to be retained.

6.2.3.2 Mass vegetation removal

In the case of the removal of the mass planted vegetation adjacent to 51R Medvale Avenue and 1 Te Irirangi Drive, it is recommended that care be taken to minimise any construction impacts in terms of the fragmentation of the remaining vegetation beyond the proposed removed areas.

Where practicable, the works area must be kept to a minimum, with retaining walls utilised in place of batters where adjacent to retained vegetation. Edge effects must be managed appropriately through limiting construction machinery in this area to avoid unnecessary temporary effects.

A specific verification assessment and recommendations are to be provided as part of the preparation of the TMP. These recommendations must include a tree protection methodology and set out parameters for the management of the ongoing health of any retained trees.

In some cases, it may be possible to transplant or relocate some specimen trees in these areas. A detailed transplant assessment should be prepared at the time of detailed design. The transplant assessment is to include maintenance periods, methodology of transplant and the new location for each relocated tree.

6.2.4 Assessment of operational effects

Nil. Refer to Section 4.2 of this Report.

6.2.5 Recommended measures to avoid, remedy or mitigate operational effects

Nil. Refer to Section 4.3 of this Report.

6.2.6 Summary and conclusions

The Project works affect 160 protected trees in the road reserve and open space zoned areas. The works are likely to have adverse effects on these trees. Provided that these trees are retained and protected where possible during the Project works, or they are replaced with new trees as part of the ULDMP, the effects on these trees will be mitigated.

Table 7: Summary of effects and recommendations for NoR 2, Section A

Effect	Assessment	Recommendation
Construction		
Removal of trees to enable the Project	The removal of 160 individual trees will require removal to enable the Project in this section	A future verification assessment at the time of implementation is recommended to ensure the current conditions are still relevant. Any future tree removal, tree planting or mass planted vegetation should be added and/or assessed at that time, with this Report intended to provide a baseline survey. Replacement planting at a minimum of 2:1 and mass planted vegetation of at least The replacement of at least 5,960 m ²
Operation		
Tree trimming or alteration	Replacement trees may require maintenance to retain sight lines and the overhead and lateral	New street trees or mass planted vegetation (trees specifically) are

	clearances of general traffic lanes and the high quality walking and cycling facilities	planted no closer to the future general traffic lanes than 1 m.
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6.3 Section B: East of SH1 to Ihaka Place

6.3.1 Existing environment

Given the quantum of trees located within this NoR, details of each tree are set out in **Appendix A** of this Report.

6.3.2 Assessment of construction effects

The Project works include the widening of Te Irirangi Drive, Great South Road, Ronwood Avenue, Davies Avenue and Lambie Drive to facilitate the construction of the BRT lanes and the high quality walking and cycling facilities.

The removal of an area of mass planted indigenous vegetation on the northern and southern sides of Te Irirangi Drive adjacent to the AUT southern campus will be required to enable the construction of the high quality walking and cycling facilities and SH1 bridge structure. For reference, these areas are zoned Strategic Transport Corridor Zone and Business – General Business Zone and as such are not subject to protection under the District Plan (Group 1114: 2,484.7 m² and 1143: 1,942.10 m²).

Intersection upgrades will occur at the Cavendish Drive intersection, which will include works within the protected root zone of the Notable English Oak Tree (Schedule 10 AUP:OP: 1469) within 9 Cavendish Drive. These works will be relatively minor and will be limited in extent to the existing road reserve.

All remaining street trees from SH1 to Davies Avenue will require removal to enable the widening of the corridor. This will include the northern, southern and central berm street trees from Great South Road along Ronwood Avenue. The street trees along this section include Magnolia, Puriri, Norfolk Island Pine, Titoki, Washingtonia Palm and Gum.

Tree removal and works within the protected root zone is anticipated along the eastern side of Hayman Park adjacent to the Davies Road parking/slip lane. This will include a number of large Gum trees and Pohutukawa.

Retaining wall works are also anticipated on the western side of Hayman Park adjacent to Lambie Drive. These works will require the removal and works of several groupings of Pine trees (*Pinus radiata*) and London Plane (*Platanus x acerifolia*) growing within the bounds of Hayman Park.

Removal of all Pohutukawa trees on the northern and southern sides of Manukau Station Road and within the central median on Lambie Drive is required.

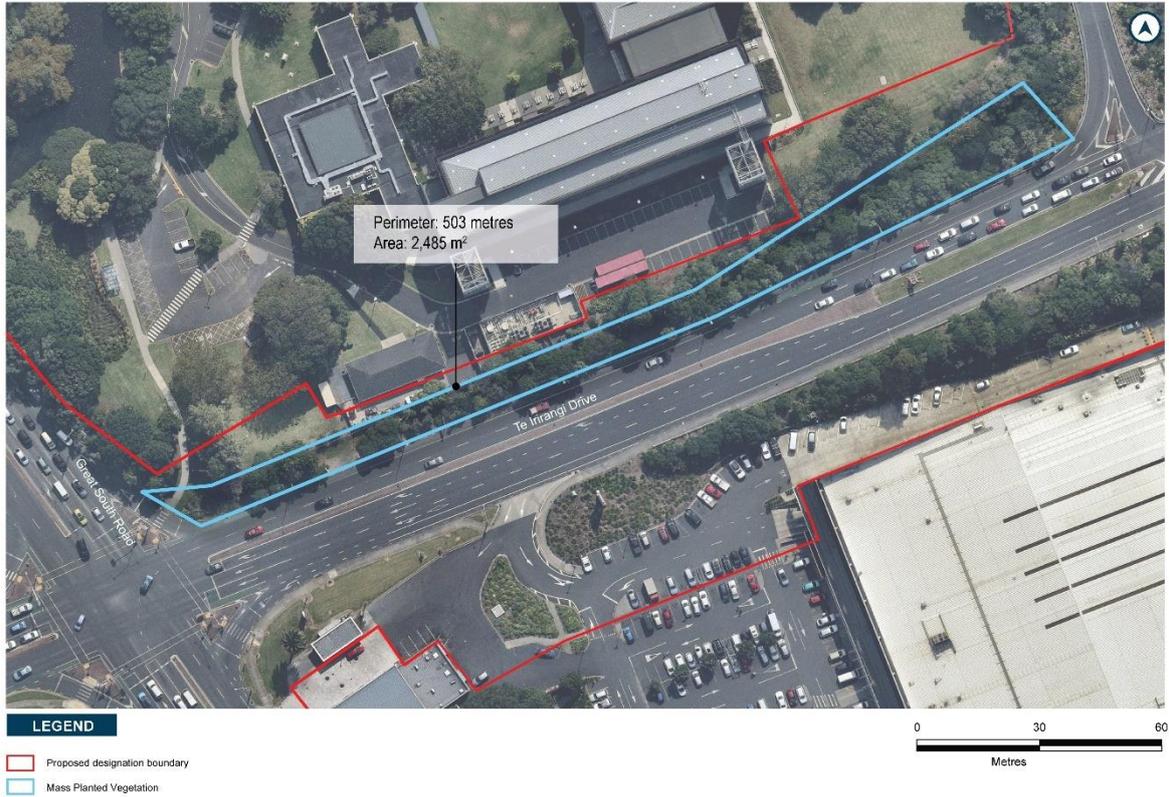


Figure 28. Mass Planted vegetation to be removed near AUT (Group 1114)

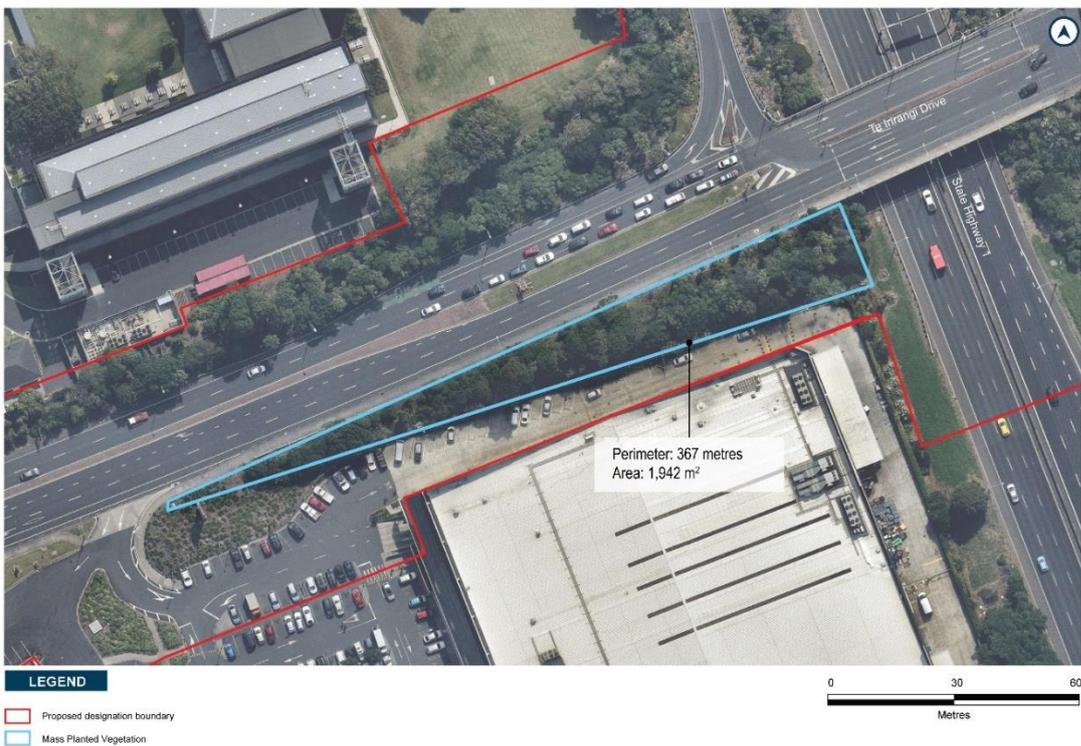


Figure 29. Mass Planted vegetation to be removed near AUT (Group 1143)

6.3.3 Recommended measures to avoid, remedy or mitigate construction effects

6.3.3.1 Tree removal and Replacement Planting

As noted previously, the removal of trees on both sides of the corridor as well as from any central median will be required.

The new berm areas will be available for replacement planting, with it recommended that all available berm be utilised for new tree plantings. The final landscape design prepared as part of the ULDMP should be reviewed and arboricultural input provided prior to implementation to ensure tree species selection and locations are suitable from a long-term perspective.

A TMP should be developed prior to construction to identify existing trees protected under the District Plan provisions that require removal and detail methods for all work within the root zone of trees that are to be retained.

6.3.3.2 Mass vegetation removal

In the case of the removal of the mass planted vegetation adjacent to AUT (Group 1149b), care must be taken to minimise any construction impacts in terms of the fragmentation of the remaining vegetation within the grounds of AUT.

Where practicable, the works area must be kept to a minimum, with retaining walls utilised in place of batters where adjacent to retained vegetation. Edge effects must be managed appropriately in the management of construction machinery required to avoid unnecessary temporary effects.

The TMP is to include specific verification assessment for the works within this location in order to set out parameters for ongoing tree protection and remedial works where required.

6.3.3.3 Works within to Hayman Park

It is recommended that arboricultural input be sought as part of the detailed design to ensure any works within Hayman Park and within the protected root zone of retained Pohutukawa trees on Davies Avenue are minimised.

A specific assessment and recommendations are to be provided as part of the preparation of the TMP. These recommendations must include a tree protection methodology and set out parameters for the management of the ongoing health of any retained trees.

In some cases, it may be possible to transplant/relocate some Pohutukawa trees that will otherwise be removed to Hayman Park. A detailed transplant assessment should be prepared at the time of detailed design. The transplant assessment is to include maintenance periods, methodology of transplant and the new location for each relocated tree.

6.3.4 Assessment of operational effects

Nil. Refer to Section 4.2 of this Report

6.3.5 Recommended measures to avoid, remedy or mitigate operational effects

Nil. Refer to Section 4.3 of this Report.

6.3.6 Summary and conclusions

The Project works affect 180 protected trees in the road reserve and open space zoned areas. The works are likely to have adverse effects on these trees. Provided that these trees are retained and protected where possible during the Project works, or they are replaced with new trees as part of the ULDMP, the effects on these trees will be mitigated.

Table 8: Summary of effects and recommendations for NoR 2, Section B

Effect	Assessment	Recommendation
Construction		
Removal of trees to enable the Project	The removal of 180 individual trees will require removal to enable the Project in this section	Replacement planting at a minimum of 2:1. The remaining vegetation within the AUT site is to be protected during construction. The methodology for protection is to be included in the TMP.
Operation		
Tree trimming or alteration	Replacement trees may require maintenance to retain sight lines and the overhead and lateral clearances of general traffic lanes and the high-quality walking and cycling facilities	New street trees or mass planted vegetation (trees specifically) are planted no closer to the future general traffic lanes than 1 m.

6.4 Section C: Ihaka Place to Plunket Avenue

6.4.1 Existing environment

Tree removal has occurred previously along this section of Puhinui Road to provide for road widening. As part of the early works project, replacement planting was undertaken in surrounding side streets, given the constrained nature of Puhinui Road.

Given the quantum of trees located within this NoR, details of each tree are set out in **Appendix A** of this Report.

6.4.2 Assessment of construction effects

This section of NoR 2 includes from Ihaka Place through to Plunket Avenue. The proposed works will require the removal of all remaining Pohutukawa street trees and six Norfolk Pines on Lambie Drive.

6.4.3 Recommended measures to avoid, remedy or mitigate construction effects

Improved opportunities for replacement planting will occur on Puhinui Road. The proposed berms will provide for replacement planting, with it recommended that all available berm space be utilised for new tree plantings. It is recommended that the final landscape design of the ULDMP be reviewed, and arboricultural input provided prior to implementation to ensure tree species selection and locations are suitable from a long-term perspective.

A TMP should be developed prior to construction to identify existing trees protected under the District Plan provisions that require removal and detail methods for all work within the root zone of trees that are to be retained.

6.4.4 Assessment of operational effects

Nil. Refer to Section 4.2 of this Report

6.4.5 Recommended measures to avoid, remedy or mitigate operational effects

Nil. Refer to Section 4.3 of this Report.

6.4.6 Summary and conclusions

The Project works affect 64 protected trees in the road reserve and open space zoned areas. The works are likely to have adverse effects on these trees. Provided that these trees are retained and protected where possible during the Project works, or they are replaced with new trees as part of the ULDMP, the effects on these trees will be mitigated.

Table 9: Summary of effects and recommendations for NoR 2, Section C

Effect	Assessment	Recommendation
Construction		

Removal of trees to enable the Project	The removal of 64 individual trees will require removal to enable the Project in this section.	Replacement planting at a minimum of 2:1.
Operation		
Tree trimming or alteration	Replacement trees may require maintenance to retain sight lines and the overhead and lateral clearances of general traffic lanes and the high quality walking and cycling facilities.	New street trees or mass planted vegetation (trees specifically) are planted no closer to the future general traffic lanes than 1 m.

7 Airport to Botany Bus Rapid Transit – NoR 3

This section assesses specific arboricultural matters relating to NoR 3 – between Puhinui Station (in the vicinity of Plunket Avenue) and the SH20B/20 Interchange.

7.1 Overview and description of works

As set out in Table 10 below, the proposed works in NoR 3 include the widening of the existing Puhinui Road to accommodate a centre-running BRT corridor, vehicle lanes and high quality walking and cycling facilities. As part of the proposed works, a BRT bridge over the NIMT is proposed to connect to the Puhinui Station.

Table 10: Overview of NoR 3

NoR 3 – Puhinui Station, in the vicinity of Plunket Avenue to SH20/20B Interchange	
Key features	
BRT Corridor	Centre-running along Puhinui Road connecting to the Puhinui Station concourse via a new BRT bridge structure
BRT Stations	Puhinui Station
Walking and cycling facilities	<ul style="list-style-type: none"> Walking and cycling facilities on both sides of the corridor; and Walking and cycling facilities will be provided along Cambridge Terrace, Bridge Street and Kenderdine Road.
General traffic	One lane in each direction on Puhinui Road

Access	Limited right turn access
Speed environment	50 km/h
Signalised intersections	<ul style="list-style-type: none"> • Puhinui Road and Noel Burnside Road; and • Puhinui Road and Wyllie Road.
Stormwater infrastructure	Wetland
NoR 3 typical cross section	

7.2 Existing environment

NoR 3 includes Puhinui Road from the Plunket Avenue intersection through to the SH20/SH20B interchange. The majority of trees along this section are Pohutukawa street trees on both the northern and southern sides of Puhinui Road, with a Notable Magnolia tree growing within 250 Puhinui Road (Schedule 10 AUP:OP ID 1514) and a Notable Flowering Gum tree (Schedule 10 AUP:OP ID 1526) growing adjacent to the intersection of Vision Place and Puhinui Road.

7.2.1 Notable Magnolia

The Notable Magnolia tree is in good visual health, but its optimal structure has been heavily modified due to frequent pruning to clear the adjacent powerlines.

This has resulted in an upright, largely one-sided canopy form with a number of significant pruning wounds and pockets of decay visible near the base of the tree. This ongoing pruning has likely to have reduced the tree’s long term structural health and longevity.



Figure 30: Notable Magnolia tree as viewed from the northern side of Puhinui Road



Figure 31: Base structure of Notable Magnolia Tree

7.2.2 Notable Flowering Gum

The notable flowering gum tree is a prominent tree in the local environment, largely due to the lack of nearby street trees.

The tree is currently in good visual health. However, some structural concerns were noted. The structural issues identified were largely the lateral heavily end weighted limbs and cambial cracking due to wind loading stresses.

These have been managed to some degree by periodic limb reduction and canopy management.



Figure 32: Notable Flowering Gum Tree as seen from the east

7.3 Assessment of construction effects

Tree removal has occurred previously along this section of Puhinui Road to provide for road widening. As part of the early works project, replacement planting was undertaken in surrounding side streets, given the constrained nature of Puhinui Road.

The Project works will include the widening of Puhinui Road to include the construction of the BRT lanes and the high quality walking and cycling facilities. As a consequence, land will be required beyond the road reserve to provide for the Project. As such, all street and front yard vegetation will require removal, with this to include both Notable Trees and all Pohutukawa street trees growing along Puhinui Road.

In addition to the above, a small cluster of protected trees are located on the southern side of Bridge Street (Group 32). Works to widen the bridge in this location are proposed to provide for the high quality walking and cycling facilities. The Group 32 trees includes a semi-mature Puriri (*Vitex lucens*) tree, Tulip (*Liriodendron tulipferia*) and Sweet Gum (*Liquidambar styraciflua*). These trees will require removal as part of the proposed works.

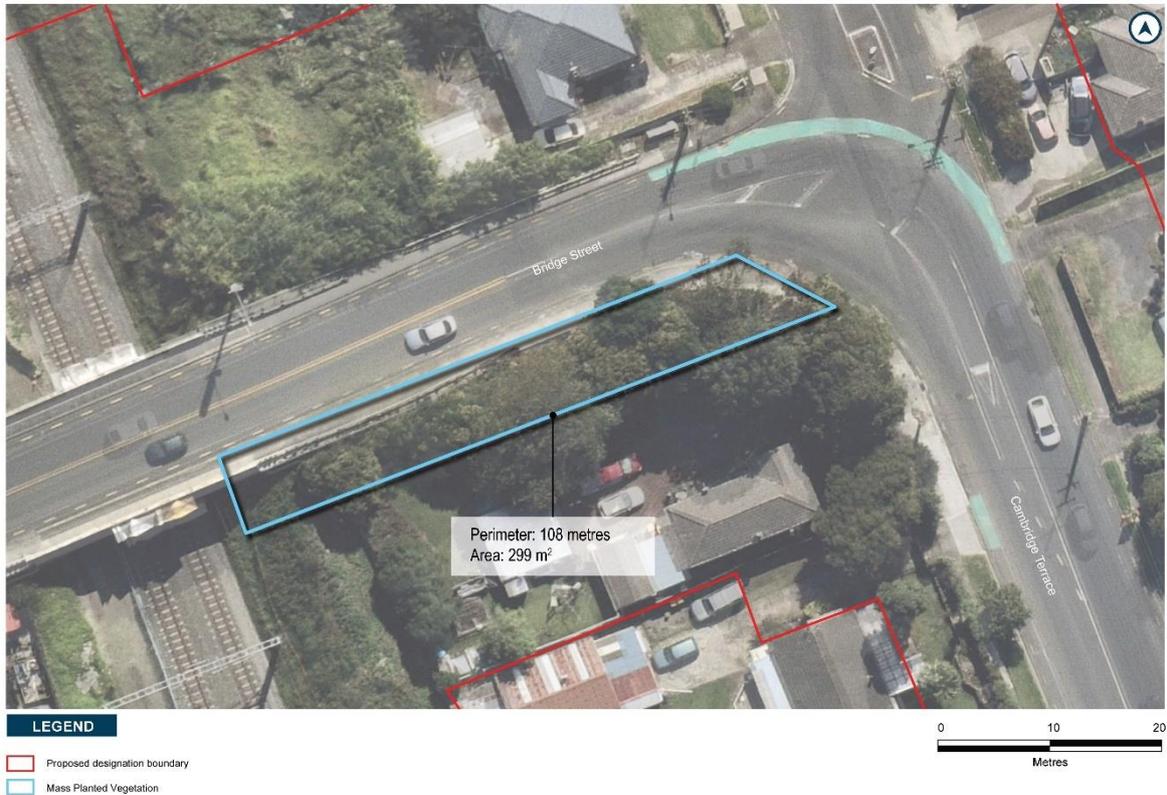


Figure 33: Area of vegetation to be removed on Bridge Street (G32)

7.4 Recommended measures to avoid, remedy or mitigate construction effects

As noted previously, the removal of trees on both sides of the corridor as well as the central median will be required.

The proposed berms will provide for replacement planting, with it recommended that all available berm space be utilised for new tree plantings. It is recommended that the final landscape design of the ULDM be reviewed, and arboricultural input provided prior to implementation to ensure tree species selection and locations are suitable from a long-term perspective.

A TMP should be developed prior to construction to identify existing trees protected under the District Plan provisions that require removal and detail methods for all work within the root zone of trees that are to be retained.

7.5 Assessment of operational effects

Nil. Refer to Section 4.2 of this Report.

7.6 Recommended measures to avoid, remedy or mitigate operational effects

Nil. Refer to Section 4.3 of this Report.

7.7 Summary and conclusions

The Project works affect 30 protected trees in the road reserve and open space zoned areas. The works are likely to have adverse effects on these trees. Provided that these trees are retained and protected where possible during the Project works, or they are replaced with new trees as part of the ULDMP, the effects on these trees will be mitigated.

Table 11: Summary of effects and recommendations for NoR 3

Effect	Assessment	Recommendation
Construction		
Removal of trees to enable the Project	A total of 30 individual trees of vegetation is proposed for removal as part of the Project.	A future verification assessment at the time of implementation is recommended to ensure the current conditions are still relevant. Any future tree removal, tree planting or mass planted vegetation should be added and/or assessed at that time, with this Report intended to provide a baseline survey. Replacement planting at a minimum of 2:1.
Operation		
Tree trimming or alteration	Replacement trees may require maintenance to retain sight lines and the overhead and lateral clearances of general traffic lanes and the high quality walking and cycling facilities	New street trees or mass planted vegetation (trees specifically) are planted no closer to the future general traffic lanes than 1 m.

8 Airport to Botany Bus Rapid Transit – NoRs 4a and 4b

This section assesses specific arboricultural matters relating to NoRs 4a and 4b – between the SH20B/20 interchange and Orrs Road.

8.1 Overview and description of works

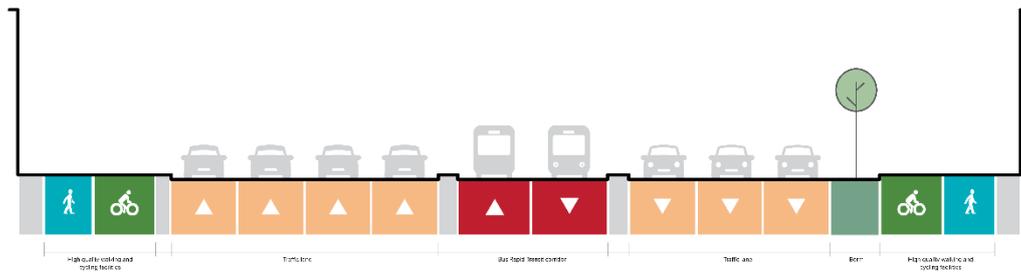
As set out in Table 12 below, the proposed works in NoRs 4a and 4b include the widening of SH20B to accommodate a centre-running BRT corridor until the Manukau Memorial Gardens. From this point, the BRT corridor shifts south of SH20B until Orrs Road. Proposed works also include high quality walking and cycling facilities, eastbound lanes to Auckland Airport and a ramp from SH20B onto SH20 for southbound traffic.

Table 12: Overview of NoR 4a and 4b

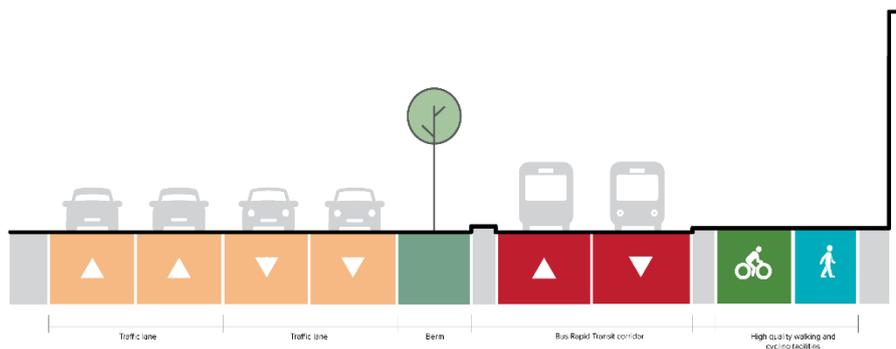
NoRs 4a and 4b – SH20/20B Interchange to Orrs Road	
Key features	
BRT corridor	<ul style="list-style-type: none"> Centre-running on Puhinui Road through to the Manukau Memorial Gardens intersection (approx. 600 m west of SH20/20B Interchange); and South running to Orrs Road.
Walking and cycling facilities	Walking and cycling facilities on southern side of the corridor

General traffic	<ul style="list-style-type: none"> • Two lanes in each direction; and • New southbound ramp from SH20B onto SH20.
Access	<ul style="list-style-type: none"> • Limited access; and • Access maintained via signals at Manukau Memorial Gardens and Campana Road.
Speed environment	60 km/h
Signalised intersections	<ul style="list-style-type: none"> • SH20/SH20B Interchange; • Puhinui Road and Manukau Memorial Gardens; and • Puhinui Road and Campana Road.
Stormwater infrastructure	Swales

NoR 4b typical cross section



NoR 4a typical cross section



8.2 Existing environment

Due to the recently completed SH20B short term improvement works, there are minimal street trees and vegetation within NoRs 4a and 4b. Protected vegetation is limited to riparian vegetation adjacent to Prices Road.

8.3 Assessment of construction effects

Only one area of vegetation will be affected as part of Project works in this section. Specially, this work will include the construction of a new bridge which will likely include piling and abutment works within the riparian yard. An estimated 100 m² of vegetation on the western and eastern sides of the existing stream will be removed to enable the piling works (50 m² on each side for a total of 100 m²).

As described in Section 3.3 of this Report, given that vegetation removal within a riparian yard is a Regional Plan rule, no assessment has been undertaken in this Report. Instead, this will be assessed through a future regional resource consent process.

Number of Trees/ Requiring Removal	Mass planted areas/groups of vegetation requiring removal (m ²)
0	1 (100 m ²) (<i>Riparian Vegetation</i>) not protected by District Plan provisions

8.4 Recommended measures to avoid, remedy or mitigate construction effects

Nil. To be addressed through a future regional resource consent process.

8.5 Assessment of operational effects

Nil. Refer to the Section 4.2 of this Report.

8.6 Recommended measures to avoid, remedy or mitigate operational effects

Nil. Refer to Section 4.3 of this Report.

8.7 Summary and conclusions

No protected trees are affected as part of the Project works.

9 Conclusions

The existing environment for the majority of the Project corridor is primarily urban, the exception being the undeveloped industrial zoned land adjoining SH20B within NoRs 4a and 4b. Tree cover associated with the existing urbanised area typically include plantings of amenity trees and riparian vegetation within the road reserve and open space zones.

The future environment is likely to change over the next 10 – 15 years as intensification occurs along the corridor as a result of recent changes in national policy direction and changes to the RMA. This will likely result in a reduction of trees adjoining the corridor, on business and residentially zoned land, which are not afforded any protection in the AUP:OP.

A summary of the trees or vegetation requiring removal for each NoR, which are protected by District Plan provisions in the AUP:OP is provided in the table below:

NoR	Number of Trees/ Requiring Removal	Mass planted areas/groups of vegetation requiring removal (m ²)
NoR 1	683	25 Groups (27,084 m ²)
NoR 2	404	28 Groups (5,960 m ²)
NoR 3	30 (Including 2 Notable Trees)	0
NoRs 4a and 4b	0	0
Total	1,117 Tree/ Tree Groups	53 (33,044 m ²)

It is recommended that a TMP be developed where construction work impacts on trees and groups of trees that are protected under the District Plan provisions (trees protected under Regional Plan provisions will be addressed as part of a future resource consent process). Replacement planting protocols are proposed to be developed further as part of the TMP where protected trees are to be removed.

Opportunities for replanting within the berms of the proposed cross section provide mitigation of effects arising from tree removal associated with the Project. Furthermore, additional land at SH20 has been included within the designation for replanting. The long-term outcome of comprehensive street tree planting will be more trees in the public realm and increased amenity value within the public transport corridor.

Overall, the effects on trees protected by the District Plan by the NoRs for the Project will be mitigated by replacement with new trees and mass planted vegetation as part of the corridor and on adjacent land.

Appendix A

Tree Schedule

Appendix A – Tree schedule

NoR 1

Status	Tree No.	Vegetation Type	Protection	Location	Species	Age	DB H
Within footprint of works - remove	426	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.32
Within footprint of works - remove	427	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.32
Within footprint of works - remove	428	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.32
Within footprint of works - remove	429	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.32
Within footprint of works - remove	430	Single tree	Road Reserve	Te Irirangi Drive	London Plane	Semi - Mature	0.46
Within footprint of works - remove	431	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.15
Within footprint of works - remove	432	Single tree	Road Reserve	Te Irirangi Drive	London Plane	Semi - Mature	0.33
Within footprint of works - remove	445	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.15
Within footprint of works - remove	434	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.32
Within footprint of works - remove	435	Single tree	Road Reserve	Te Irirangi Drive	Titoki	Semi - Mature	0.43

Within footprint of works - remove	436	Single tree	Road Reserve	Te Irirangi Drive	Plane	Semi - Mature	0.3
Within footprint of works - remove	437	Single tree	Road Reserve	Te Irirangi Drive	Plane	Semi - Mature	0.3
Within footprint of works - remove	438	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.32
Within footprint of works - remove	439	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.32
Within footprint of works - remove	440	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.32
Within footprint of works - remove	441	Single tree	Road Reserve	Te Irirangi Drive	Ash	Semi - Mature	0.3
Within footprint of works - remove	442	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.32
Within footprint of works - remove	443	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.32
Within footprint of works - remove	444	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.32
Within footprint of works - remove	433	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.25
Within footprint of works - remove	446	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.25
Within footprint of works - remove	447	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.32
Within footprint of works - remove	448	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.32
Within footprint of works - remove	449	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.32

Within footprint of works - remove	450	Single tree	Road Reserve	Te Irirangi Drive	Plane	Semi - Mature	0.3
Within footprint of works - remove	451	Single tree	Road Reserve	Te Irirangi Drive	Plane	Semi - Mature	0.3
Within footprint of works - remove	452	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.3
Within footprint of works - remove	453	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.3
Within footprint of works - remove	454	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.3
Within footprint of works - remove	455	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.3
Within footprint of works - remove	700	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.25
Within footprint of works - remove	457	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.3
Within footprint of works - remove	458	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	459	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	460	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	461	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	462	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	463	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6

Within footprint of works - remove	464	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	465	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	466	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	467	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	468	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	469	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	470	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	471	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	472	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	473	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	474	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	475	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	476	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	477	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6

Within footprint of works - remove	478	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	479	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	480	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	481	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	482	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	483	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	484	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	485	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.55
Within footprint of works - remove	486	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.68
Within footprint of works - remove	487	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	488	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	489	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	490	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	491	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6

Within footprint of works - remove	492	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	493	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	494	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	495	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	496	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	497	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	498	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	499	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	500	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	501	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	502	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	503	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	504	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	505	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6

Within footprint of works - remove	506	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	507	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	508	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.3
Within footprint of works - remove	509	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.3
Within footprint of works - remove	510	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.3
Within footprint of works - remove	511	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.3
Within footprint of works - remove	512	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.3
Within footprint of works - remove	513	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.3
Within footprint of works - remove	514	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.3
Within footprint of works - remove	515	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.3
Within footprint of works - remove	516	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.3
Within footprint of works - remove	517	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.3
Within footprint of works - remove	518	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.3
Within footprint of works - remove	519	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.3

Within footprint of works - remove	520	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.3
Within footprint of works - remove	521	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.3
Within footprint of works - remove	522	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.3
Within footprint of works - remove	523	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.3
Within footprint of works - remove	524	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.3
Within footprint of works - remove	525	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.3
Within footprint of works - remove	526	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.3
Within footprint of works - remove	527	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.3
Within footprint of works - remove	528	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.3
Within footprint of works - remove	529	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.3
Within footprint of works - remove	530	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.3
Within footprint of works - remove	531	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.3
Within footprint of works - remove	532	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.3
Within footprint of works - remove	533	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.3

Within footprint of works - remove	534	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.3
Within footprint of works - remove	535	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.3
Within footprint of works - remove	536	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.3
Within footprint of works - remove	537	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.3
Within footprint of works - remove	538	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.3
Within footprint of works - remove	539	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.3
Within footprint of works - remove	540	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.3
Within footprint of works - remove	541	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.3
Within footprint of works - remove	542	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.3
Within footprint of works - remove	543	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.3
Within footprint of works - remove	544	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.3
Within footprint of works - remove	545	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.3
Within footprint of works - remove	546	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.3
Within footprint of works - remove	547	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.3

Within footprint of works - remove	548	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.3
Within footprint of works - remove	549	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.3
Within footprint of works - remove	550	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.3
Within footprint of works - remove	551	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.3
Within footprint of works - remove	552	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.3
Within footprint of works - remove	553	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.3
Within footprint of works - remove	554	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.3
Within footprint of works - remove	555	Single tree	Road Reserve	Te Irirangi Drive	Puriri	Semi - Mature	0.3
Within footprint of works - remove	556	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	557	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	558	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	559	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	560	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	561	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6

Within footprint of works - remove	562	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	563	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	564	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	565	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	566	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	567	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	568	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	569	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	570	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	571	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	572	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	573	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	574	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	575	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6

Within footprint of works - remove	576	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	577	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	578	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	579	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	580	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	581	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	582	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	583	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	584	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
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Within footprint of works - remove	618	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	619	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	620	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	621	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	622	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	623	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
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Within footprint of works - remove	629	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	630	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	631	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6

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Within footprint of works - remove	663	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	664	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	665	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
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Within footprint of works - remove	667	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	668	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	669	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	670	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
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Within footprint of works - remove	672	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	673	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6

Within footprint of works - remove	674	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	675	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	676	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
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Within footprint of works - remove	679	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	680	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	681	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	682	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	683	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
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Within footprint of works - remove	686	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
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Within footprint of works - remove	691	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	692	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	693	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	694	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	695	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	696	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	697	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	698	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	699	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.42
Within footprint of works - remove	701	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.25
Within footprint of works - remove	702	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.25

Within footprint of works - remove	703	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.25
Within footprint of works - remove	704	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.25
Within footprint of works - remove	705	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.25
Within footprint of works - remove	706	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.25
Within footprint of works - remove	707	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.25
Within footprint of works - remove	708	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.25
Within footprint of works - remove	709	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.25
Within footprint of works - remove	710	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.25
Within footprint of works - remove	712	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.25
Within footprint of works - remove	713	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.25
Within footprint of works - remove	714	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.25
Within footprint of works - remove	715	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.25
Within footprint of works - remove	716	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.25
Within footprint of works - remove	717	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.25

Within footprint of works - remove	718	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.25
Within footprint of works - remove	719	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.25
Within footprint of works - remove	720	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.25
Within footprint of works - remove	721	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.25
Within footprint of works - remove	722	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.25
Within footprint of works - remove	723	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.25
Within footprint of works - remove	724	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.25
Within footprint of works - remove	725	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.25
Within footprint of works - remove	764	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	765	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	726	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	727	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	728	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	729	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6

Within footprint of works - remove	730	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	731	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	732	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	733	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	734	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	735	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	736	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	737	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	738	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	739	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	740	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	741	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	742	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	743	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6

Within footprint of works - remove	744	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	745	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	746	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	747	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	748	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	749	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	750	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	751	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	752	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	753	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	754	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	755	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	756	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	757	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6

Within footprint of works - remove	758	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	759	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	760	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	761	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	762	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	763	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	766	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	767	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	768	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	769	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	770	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	771	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	772	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	773	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3

Within footprint of works - remove	774	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	775	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	776	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	777	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	778	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	779	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	780	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	781	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	782	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	783	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	784	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	785	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	786	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	787	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3

Within footprint of works - remove	788	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	789	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	790	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	791	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	792	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	793	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	794	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	795	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	796	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	797	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	798	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	799	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	800	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	801	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3

Within footprint of works - remove	802	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	803	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	804	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	805	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	806	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	807	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	808	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	809	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	810	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	811	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	812	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	813	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	814	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	815	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3

Within footprint of works - remove	816	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	817	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	818	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	819	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	820	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	821	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	822	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	823	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	824	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	825	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	826	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	827	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	828	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	829	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3

Within footprint of works - remove	833	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	834	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	830	Group of Trees	Road Reserve	Te Irirangi Drive	Mixed natives mainly kanuka, Norfolk Pine		
Within footprint of works - remove	831	Single tree	Road Reserve	Te Irirangi Drive	Norfolk Island Pine	Mature	0.3
Within footprint of works - remove	832	Group of Trees	Road Reserve	Te Irirangi Drive	Mixed natives mainly lemonwood and Pohutukawa		
Within footprint of works - remove	835	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	836	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	840	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	841	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	837	Group of Trees	Road Reserve	Te Irirangi Drive	Mixed Natives, lemonwood, Ngaio, Pohutukawa	Mature	
Within footprint of works - remove	838	Single tree	Road Reserve	Te Irirangi Drive	Palm	Mature	0.3
Within footprint of works - remove	839	Group of Trees	Road Reserve	Te Irirangi Drive	Mixed Natives, lemonwood, Ngaio, Pohutukawa	Mature	
Within footprint of works - remove	842	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	843	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3

Within footprint of works - remove	845	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	846	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	844	Group of Trees	Road Reserve	Te Irirangi Drive	Mixed Natives, lemonwood, Ngaio, Pohutukawa	Mature	
Within footprint of works - remove	847	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	848	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	850	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	851	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	849	Group of Trees	Road Reserve	Te Irirangi Drive	Mixed Natives, lemonwood, Ngaio, Pohutukawa	Mature	
Within footprint of works - remove	852	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	853	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	854	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	855	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	856	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	857	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3

Within footprint of works - remove	858	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	859	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	860	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	861	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	862	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	864	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	865	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	866	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	867	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	868	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	869	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	870	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	1073	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	1074	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3

Within footprint of works - remove	871	Group of Trees	Road Reserve	Te Irirangi Drive	Mixed Natives, Pohutukawa	Mature	
Within footprint of works - remove	871a	Group of Trees	Road Reserve	Te Irirangi Drive/Accent Drive	Mixed Natives, Pohutukawa	Mature	
Within footprint of works - remove	872	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	873	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	874	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	875	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	876	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	877	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	878	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	879	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	880	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	881	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	882	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	883	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6

Within footprint of works - remove	884	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	885	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	886	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	887	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	888	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	889	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	890	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	891	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	892	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	893	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	894	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	895	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	896	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	897	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6

Within footprint of works - remove	898	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	899	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	900	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	901	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	902	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	903	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	904	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	905	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	906	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	907	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	908	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	909	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	910	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	911	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6

Within footprint of works - remove	912	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	913	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	914	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	915	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	916	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	917	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	918	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	919	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	920	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	921	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	922	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	923	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	924	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	925	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6

Within footprint of works - remove	926	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	927	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	928	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	929	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	930	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	931	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	932	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	933	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	934	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	935	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	936	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	937	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	938	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	939	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6

Within footprint of works - remove	940	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	941	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	942	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	943	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	944	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	945	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	946	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	947	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	948	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	949	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	950	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	951	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	952	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	953	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6

Within footprint of works - remove	954	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	955	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
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Within footprint of works - remove	958	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	959	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	960	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	961	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	962	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	963	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	964	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	965	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	966	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	967	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6

Within footprint of works - remove	968	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	969	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	970	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	971	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	972	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	973	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	974	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	975	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	976	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	977	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	978	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	979	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	980	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	981	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6

Within footprint of works - remove	982	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	983	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
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Within footprint of works - remove	986	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	987	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	988	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
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Within footprint of works - remove	996	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
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Within footprint of works - remove	999	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	1000	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	1001	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	1002	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	1003	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	1004	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	1005	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	1006	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	1007	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	1008	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	1009	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6

Within footprint of works - remove	1010	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	1011	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	1012	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	1013	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	1014	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	1015	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	1016	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	1017	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	1018	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	1019	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	1020	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	1021	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	1022	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	1023	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6

Within footprint of works - remove	1024	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	1025	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	1026	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	1027	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	1028	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	1029	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	1030	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	1031	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	1032	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	1033	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	1034	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	1035	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	1036	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	1037	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6

Within footprint of works - remove	1038	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	1039	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	1040	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	1041	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	1042	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	1043	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	1044	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	1045	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	1046	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	1047	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	1048	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	1049	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	1050	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	1051	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6

Within footprint of works - remove	1052	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	1053	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	1054	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	1055	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	1056	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	1057	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	1058	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	1059	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	1060	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	1061	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	1062	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	1063	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	1064	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6
Within footprint of works - remove	1072	Group of Trees	Road Reserve	Te Irirangi Drive	Ngaio, Pohutukawa	Sem-mature	

Within footprint of works - remove	1076	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	1077	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	1075	Group of Trees	Road Reserve	Te Irirangi Drive	Mixed Natives, lemonwood, Ngaio, Pohutukawa	Mature	
Within footprint of works - remove	1078	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	1079	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	1080	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	1081	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	1083	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	1082	Group of Trees	Road Reserve	Te Irirangi Drive	Pohutukawa, Broadleaf, Tarata		
Within footprint of works - remove	1108	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	1112	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	1113	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	1109	Group of Trees	Road Reserve	Te Irirangi Drive	Mixed Natives, Pohutukawa, Lemonwood	Mature	
Within footprint of works - remove	1110	Single tree	Road Reserve	Te Irirangi Drive	Pin Oak	Semi - Mature	0.3

Within footprint of works - remove	1111	Single tree	Road Reserve	Te Irirangi Drive	Pin Oak	Semi - Mature	0.3
Within footprint of works - remove	1115	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	1116	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	1114	Group of Trees	Road Reserve	Te Irirangi Drive	Mixed Natives, Lemonwood, Ake Ake	Mature	
Within footprint of works - remove	1117	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	1118	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	1119	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	1120	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Mature	0.3
Within footprint of works - remove	711	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.35
Within footprint of works - remove	456	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.52
Within footprint of works - remove	1121	Group of Trees	Road Reserve	Te Irirangi Drive	Ngaio	Mature	
Within footprint of works - remove	1155 b	Griselinea hedge	Road Reserve	Te Irirangi Drive	Griselinea hedge	Mature	
Within footprint of works - remove	1157	Group of Trees	Open Space	Te Irirangi Drive	Manuka, Tarata, Mahoe, Kowhai	Mature	
Within footprint of works - remove	1158	Group of Trees	Open Space	Te Irirangi Drive	Manuka, Tarata, Mahoe, Kowhai	Mature	

Within footprint of works - remove	1159	Group of Trees	Open Space/ riparian	Te Irirangi Drive	Mixed Native, Manuka	Mature	
Within footprint of works - remove	1160	Group of Trees	Open Space/ riparian	Te Irirangi Drive	Mixed Native, Manuka	Mature	
Within footprint of works - remove	1161	Group of Trees	Open Space	Te Irirangi Drive	Mixed Native, Kanuka	Mature	
Within footprint of works - remove	1166	Single tree	Road Reserve	Accent Drive	Liquid Amber	Semi - Mature	0.25
Within footprint of works - remove	1167	Group of Trees	Open Space	Te Irirangi Drive	Ngaio	Mature	
Within footprint of works - remove	1177	Single tree	Road Reserve	Accent Drive	Liquid Amber	Semi - Mature	0.25
Within footprint of works - remove	1178	Single tree	Road Reserve	Accent Drive	Liquid Amber	Semi - Mature	0.25
Within footprint of works - remove	1189	Single tree	Road Reserve	Brinlack Drive	Pin Oak	Semi - Mature	0.25

NoR 2

Status	Tree No.	Vegetation Type	Protection	Location	Species	Age	DBH	Comments
Within footprint of works - remove	31	Single tree	Road Reserve	Cambridge Terrace	Magnolia	Mature	0.3	
Within footprint of works - remove	33	Single tree	Road Reserve	Puhinui Road	Pohutukawa	Semi - Mature	0.35	

Within footprint of works - remove	34	Single tree	Road Reserve	Puhinui Road	Pohutukawa	Semi - Mature	0.35	
Within footprint of works - remove	35	Single tree	Road Reserve	Puhinui Road	Bottlebrush	Semi - Mature	0.35	
Within footprint of works - remove	36	Single tree	Road Reserve	Puhinui Road	Pohutukawa	Semi - Mature	0.35	
Within footprint of works - remove	37	Single tree	Road Reserve	Puhinui Road	Pohutukawa	Semi - Mature	0.35	
Within footprint of works - remove	38	Single tree	Road Reserve	Puhinui Road	Pohutukawa	Semi - Mature	0.35	
Within footprint of works - remove	39	Single tree	Road Reserve	Puhinui Road	Pohutukawa	Semi - Mature	0.35	
Within footprint of works - remove	40	Single tree	Road Reserve	Puhinui Road	Pohutukawa	Semi - Mature	0.35	
Within footprint of works - remove	41	Single tree	Road Reserve	Puhinui Road	Pohutukawa	Semi - Mature	0.35	
Within footprint of works - remove	42	Single tree	Road Reserve	Puhinui Road	Pohutukawa	Semi - Mature	0.35	
Within footprint of works - remove	43	Single tree	Road Reserve	Puhinui Road	Pohutukawa	Semi - Mature	0.35	
Within footprint of works - remove	44	Single tree	Road Reserve	Puhinui Road	Pohutukawa	Semi - Mature	0.35	
Within footprint of works - remove	45	Single tree	Road Reserve	Puhinui Road	Pohutukawa	Semi - Mature	0.35	
Within footprint of works - remove	46	Single tree	Road Reserve	Puhinui Road	Pohutukawa	Semi - Mature	0.35	
Within footprint of works - remove	47	Single tree	Road Reserve	Puhinui Road	Pohutukawa	Semi - Mature	0.35	

Within footprint of works - remove	48	Single tree	Road Reserve	Puhinui Road	Pohutukawa	Semi - Mature	0.35	
Within footprint of works - remove	49	Single tree	Road Reserve	Puhinui Road	Pohutukawa	Semi - Mature	0.35	
Within footprint of works - remove	50	Single tree	Road Reserve	Puhinui Road	Pohutukawa	Semi - Mature	0.35	
Within footprint of works - remove	51	Single tree	Road Reserve	Puhinui Road	Pohutukawa	Semi - Mature	0.35	
Within footprint of works - remove	52	Single tree	Road Reserve	Puhinui Road	Pohutukawa	Semi - Mature	0.35	
Within footprint of works - remove	53	Single tree	Road Reserve	Puhinui Road	Pohutukawa	Semi - Mature	0.35	
Within footprint of works - remove	54	Single tree	Road Reserve	Puhinui Road	Pohutukawa	Semi - Mature	0.35	
Within footprint of works - remove	55	Single tree	Road Reserve	Puhinui Road	Pohutukawa	Semi - Mature	0.35	
Within footprint of works - remove	56	Single tree	Road Reserve	Puhinui Road	Pohutukawa	Semi - Mature	0.35	
Within footprint of works - remove	57	Single tree	Road Reserve	Puhinui Road	Pohutukawa	Semi - Mature	0.35	
Within footprint of works - remove	58	Single tree	Road Reserve	Puhinui Road	Pohutukawa	Semi - Mature	0.35	
Within footprint of works - remove	59	Single tree	Road Reserve	Puhinui Road	Pohutukawa	Semi - Mature	0.35	
Within footprint of works - remove	60	Single tree	Road Reserve	Puhinui Road	Pohutukawa	Semi - Mature	0.35	
Within footprint of works - remove	61	Single tree	Road Reserve	Puhinui Road	Liquid Amber	Semi - Mature	0.35	

Within footprint of works - remove	62	Single tree	Road Reserve	Bledisloe Street	Cherry	Mature	0.25	
Within footprint of works - remove	63	Single tree	Road Reserve	Bledisloe Street	Grevilia	Mature	0.3	
Within footprint of works - remove	64	Single tree	Road Reserve	Bledisloe Street	Spindle Tree	Mature	0.2	
Within footprint of works - remove	65	Single tree	Road Reserve	Puhinui Road	Titoki	Semi - Mature	0.35	
Within footprint of works - remove	66	Single tree	Road Reserve	Puhinui Road	Pohutukawa	Semi - Mature	0.35	
Within footprint of works - remove	67	Single tree	Road Reserve	Puhinui Road	Titoki	Semi - Mature	0.35	
Within footprint of works - remove	68	Single tree	Road Reserve	Puhinui Road	Pohutukawa	Semi - Mature	0.35	
Within footprint of works - remove	69	Single tree	Road Reserve	Puhinui Road	Bottlebrush	Semi - Mature	0.35	
Within footprint of works - remove	70	Single tree	Road Reserve	Puhinui Road	Titoki	Semi - Mature	0.35	
Within footprint of works - remove	71	Single tree	Road Reserve	Puhinui Road	Pohutukawa	Semi - Mature	0.35	
Within footprint of works - remove	72	Single tree	Road Reserve	Puhinui Road	Titoki	Semi - Mature	0.35	
Within footprint of works - remove	73	Single tree	Road Reserve	Puhinui Road	Pohutukawa	Semi - Mature	0.35	
Within footprint of works - remove	74	Single tree	Road Reserve	Puhinui Road	Pohutukawa	Semi - Mature	0.35	
Within footprint of works - remove	75	Single tree	Road Reserve	Tavistock Street	Pohutukawa	Mature	0.55	

Within footprint of works - remove	76	Single tree	Road Reserve	Tavistock Street	Pohutukawa	Mature	0.55	
Within footprint of works - remove	77	Single tree	Road Reserve	Tavistock Street	Liquid Amber	Mature	0.55	
Within footprint of works - remove	78	Single tree	Road Reserve	Tavistock Street	Liquid Amber	Mature	0.55	
Within footprint of works - remove	79	Single tree	Road Reserve	Puhinui Road	Pohutukawa	Semi - Mature	0.35	
Within footprint of works - remove	80	Single tree	Road Reserve	Puhinui Road	Pohutukawa	Semi - Mature	0.35	
Within footprint of works - remove	81	Single tree	Road Reserve	Puhinui Road	Pohutukawa	Semi - Mature	0.35	
Within footprint of works - remove	82	Single tree	Road Reserve	Puhinui Road	Pohutukawa	Semi - Mature	0.35	
Within footprint of works - remove	83	Single tree	Road Reserve	Puhinui Road	Pohutukawa	Semi - Mature	0.35	
Within footprint of works - remove	84	Single tree	Road Reserve	Puhinui Road	Pohutukawa	Semi - Mature	0.35	
Within footprint of works - remove	85	Single tree	Road Reserve	Puhinui Road	Pohutukawa	Semi - Mature	0.35	
Within footprint of works - remove	86	Single tree	Road Reserve	Puhinui Road	Pohutukawa	Semi - Mature	0.35	
Within footprint of works - remove	87	Single tree	Road Reserve	Puhinui Road	Pohutukawa	Semi - Mature	0.35	
Within footprint of works - remove	88	Single tree	Road Reserve	Carruth Road	Camphor Laurel	Mature	0.58	
Within footprint of works - remove	89	Single tree	Road Reserve	Carruth Road	Privet	Mature	0.45	

Within footprint of works - remove	90	Single tree	Road Reserve	Puhinui Road	Magnolia	Semi - Mature	0.5	
Within footprint of works - remove	91	Single tree	Road Reserve	Puhinui Road	Pohutukawa	Semi - Mature	0.35	
Within footprint of works - remove	92	Single tree	Road Reserve	Puhinui Road	Pohutukawa	Semi - Mature	0.35	
Within footprint of works - remove	93	Single tree	Road Reserve	Puhinui Road	Pohutukawa	Semi - Mature	0.35	
Within footprint of works - remove	94	Single tree	Road Reserve	Puhinui Road	Pohutukawa	Semi - Mature	0.35	
Within footprint of works - remove	95	Single tree	Road Reserve	Lambie Drive	Norfolk Island Pine	Mature	0.85	
Within footprint of works - remove	96	Single tree	Road Reserve	Lambie Drive	Norfolk Island Pine	Mature	0.75	
Within footprint of works - remove	97	Single tree	Road Reserve	Lambie Drive	Norfolk Island Pine	Mature	0.48	
Within footprint of works - remove	98	Single tree	Road Reserve	Lambie Drive	Norfolk Island Pine	Mature	0.48	
Within footprint of works - remove	99	Single tree	Road Reserve	Lambie Drive	Norfolk Island Pine	Mature	0.48	
Within footprint of works - remove	100	Single tree	Road Reserve	Lambie Drive	Norfolk Island Pine	Mature	0.48	
Within footprint of works - remove	101	Single tree	Road Reserve	Lambie Drive	Norfolk Island Pine	Mature	0.48	
Within footprint of works - remove	102	Single tree	Road Reserve	Lambie Drive	Norfolk Island Pine	Mature	0.48	
Within footprint of works - remove	103	Single tree	Road Reserve	Lambie Drive	Norfolk Island Pine	Mature	0.48	

Within footprint of works - remove	104	Single tree	Road Reserve	Lambie Drive	Norfolk Island Pine	Mature	0.48	
Within footprint of works - remove	105	Single tree	Road Reserve	Lambie Drive	Norfolk Island Pine	Mature	0.48	
Within footprint of works - remove	106	Single tree	Road Reserve	Lambie Drive	Norfolk Island Pine	Mature	0.48	
Within footprint of works - remove	107	Single tree	Road Reserve	Lambie Drive	Norfolk Island Pine	Mature	0.48	
Within footprint of works - remove	108	Single tree	Road Reserve	Lambie Drive	Norfolk Island Pine	Mature	0.48	
Within footprint of works - remove	109	Single tree	Road Reserve	Lambie Drive	Norfolk Island Pine	Mature	0.48	
Within footprint of works - remove	110	Single tree	Road Reserve	Lambie Drive	Norfolk Island Pine	Mature	0.48	
Within footprint of works - remove	111	Single tree	Road Reserve	Lambie Drive	Norfolk Island Pine	Mature	0.48	
Within footprint of works - remove	112	Single tree	Road Reserve	Lambie Drive	Norfolk Island Pine	Mature	0.48	
Within footprint of works - remove	113	Single tree	Road Reserve	Lambie Drive	Gum	Mature	0.87	
Within footprint of works - remove	114	Single tree	Road Reserve	Lambie Drive	Gum	Mature	0.97	
Within footprint of works - remove	115	Single tree	Road Reserve	Lambie Drive	Norfolk Island Pine	Semi - Mature	0.2	
Within footprint of works - remove	116	Single tree	Road Reserve	Lambie Drive	Norfolk Island Pine	Mature	0.45	
Within footprint of works - remove	117	Single tree	Road Reserve	Lambie Drive	Norfolk Island Pine	Semi - Mature	0.3	

Within footprint of works - remove	118	Single tree	Road Reserve	Lambie Drive	Norfolk Island Pine	Semi - Mature	0.2	
Within footprint of works - remove	119	Single tree	Road Reserve	Lambie Drive	Norfolk Island Pine	Semi - Mature	0.2	
Within footprint of works - remove	120	Single tree	Road Reserve	Lambie Drive	Gum	Mature	0.75	
Within footprint of works - remove	121	Single tree	Road Reserve	Lambie Drive	Norfolk Island Pine	Mature	0.25	
Within footprint of works - remove	122	Single tree	Road Reserve	Lambie Drive	Norfolk Island Pine	Mature	0.7	
Within footprint of works - remove	123	Single tree	Road Reserve	Lambie Drive	Gum	Mature	0.7	
Within footprint of works - remove	124	Single tree	Road Reserve	Lambie Drive	Gum	Mature	0.2	
Within footprint of works - remove	125	Single tree	Road Reserve	Lambie Drive	Norfolk Island Pine	Semi - Mature	0.3	
Within footprint of works - remove	126	Single tree	Road Reserve	Lambie Drive	Norfolk Island Pine	Semi - Mature	0.3	
Within footprint of works - remove	127	Single tree	Road Reserve	Lambie Drive	Norfolk Island Pine	Mature	0.4	
Within footprint of works - remove	128	Single tree	Road Reserve	Lambie Drive	Norfolk Island Pine	Mature	0.4	
Within footprint of works - remove	129	Single tree	Road Reserve	Lambie Drive	Norfolk Island Pine	Semi - Mature	0.25	
Within footprint of works - remove	130	Single tree	Road Reserve	Lambie Drive	Norfolk Island Pine	Mature	0.37	
Within footprint of works - remove	131	Single tree	Road Reserve	Lambie Drive	Norfolk Island Pine	Mature	0.37	

Within footprint of works - remove	132	Single tree	Road Reserve	Lambie Drive	Norfolk Island Pine	Mature	0.37	
Within footprint of works - remove	133	Single tree	Road Reserve	Lambie Drive	Norfolk Island Pine	Mature	0.37	
Within footprint of works - remove	134	Single tree	Road Reserve	Lambie Drive	Norfolk Island Pine	Mature	0.37	
Within footprint of works - remove	135	Single tree	Road Reserve	Lambie Drive	Norfolk Island Pine	Mature	0.37	
Within footprint of works - remove	136	Single tree	Road Reserve	Lambie Drive	Canary Island Palm	Mature	0.37	
Within footprint of works - remove	137	Single tree	Road Reserve	Lambie Drive	Norfolk Island Pine	Mature	0.54	
Within footprint of works - remove	138	Single tree	Road Reserve	Lambie Drive	Norfolk Island Pine	Mature	0.56	
Within footprint of works - remove	139	Single tree	Road Reserve	Lambie Drive	Norfolk Island Pine	Semi - Mature	0.29	
Within footprint of works - remove	140	Single tree	Road Reserve	Lambie Drive	Puriri	Semi - Mature	0.25	
Within footprint of works - remove	141	Single tree	Road Reserve	Lambie Drive	Puriri	Semi - Mature	0.25	
Within footprint of works - remove	142	Single tree	Road Reserve	Lambie Drive	Puriri	Semi - Mature	0.25	
Within footprint of works - remove	143	Single tree	Road Reserve	Lambie Drive	Puriri	Semi - Mature	0.25	
Within footprint of works - remove	144	Single tree	Road Reserve	Lambie Drive	Puriri	Semi - Mature	0.25	
Within footprint of works - remove	145	Single tree	Road Reserve	Lambie Drive	Puriri	Semi - Mature	0.25	

Within footprint of works - remove	146	Single tree	Road Reserve	Lambie Drive	Puriri	Semi - Mature	0.25	
Within footprint of works - remove	147	Single tree	Road Reserve	Lambie Drive	Puriri	Semi - Mature	0.25	
Within footprint of works - remove	148	Single tree	Road Reserve	Ronwood Ave	London Plane	Mature	0.48	
Within footprint of works - remove	149	Single tree	Road Reserve	Ronwood Ave	London Plane	Mature	0.46	
Within footprint of works - remove	150	Single tree	Road Reserve	Manukau Station Road	Pohutukawa	Young	0.15	
Within footprint of works - remove	151	Single tree	Road Reserve	Manukau Station Road	Pohutukawa	Young	0.15	
Within footprint of works - remove	152	Single tree	Road Reserve	Manukau Station Road	Pohutukawa	Young	0.15	
Within footprint of works - remove	153	Single tree	Road Reserve	Manukau Station Road	Pohutukawa	Young	0.15	
Within footprint of works - remove	154	Single tree	Road Reserve	Manukau Station Road	Pohutukawa	Young	0.15	
Within footprint of works - remove	155	Single tree	Road Reserve	Manukau Station Road	Pohutukawa	Young	0.15	
Within footprint of works - remove	156	Single tree	Road Reserve	Manukau Station Road	Pohutukawa	Semi - Mature	0.25	
Within footprint of works - remove	157	Single tree	Road Reserve	Manukau Station Road	Pohutukawa	Semi - Mature	0.25	
Within footprint of works - remove	158	Single tree	Road Reserve	Manukau Station Road	Pohutukawa	Semi - Mature	0.25	
Within footprint of works - remove	159	Single tree	Road Reserve	Manukau Station Road	Pohutukawa	Semi - Mature	0.25	

Within footprint of works - remove	160	Single tree	Road Reserve	Manukau Station Road	Pohutukawa	Semi - Mature	0.25	
Within footprint of works - remove	161	Single tree	Road Reserve	Manukau Station Road	Pohutukawa	Semi - Mature	0.25	
Within footprint of works - remove	162	Single tree	Road Reserve	Manukau Station Road	Pohutukawa	Semi - Mature	0.25	
Within footprint of works - remove	163	Single tree	Road Reserve	Manukau Station Road	Pohutukawa	Semi - Mature	0.25	
Within footprint of works - remove	164	Single tree	Road Reserve	Manukau Station Road	Pohutukawa	Semi - Mature	0.25	
Within footprint of works - remove	165	Single tree	Road Reserve	Manukau Station Road	Pohutukawa	Semi - Mature	0.25	
Within footprint of works - remove	166	Single tree	Road Reserve	Manukau Station Road	Pohutukawa	Semi - Mature	0.25	
Within footprint of works - remove	167	Single tree	Road Reserve	Manukau Station Road	Pohutukawa	Semi - Mature	0.25	
Within footprint of works - remove	168	Single tree	Road Reserve	Manukau Station Road	Pohutukawa	Semi - Mature	0.25	
Within footprint of works - remove	169	Single tree	Road Reserve	Manukau Station Road	Pohutukawa	Semi - Mature	0.25	
Within footprint of works - remove	170	Single tree	Road Reserve	Manukau Station Road	Pohutukawa	Semi - Mature	0.25	
Within footprint of works - remove	171	Single tree	Road Reserve	Manukau Station Road	Pohutukawa	Semi - Mature	0.25	
Within footprint of works - remove	172	Single tree	Road Reserve	Manukau Station Road	Pohutukawa	Semi - Mature	0.25	
Within footprint of works - remove	173	Single tree	Road Reserve	Manukau Station Road	Pohutukawa	Semi - Mature	0.25	

Within footprint of works - remove	174	Single tree	Road Reserve	Manukau Station Road	Titoki	Semi - Mature	0.6	
Within footprint of works - remove	175	Single tree	Road Reserve	Manukau Station Road	Pohutukawa	Young	0.2	
Within footprint of works - remove	176	Single tree	Road Reserve	Manukau Station Road	Pohutukawa	Young	0.2	
Within footprint of works - remove	177	Single tree	Road Reserve	Manukau Station Road	Pohutukawa	Young	0.2	
Within footprint of works - remove	178	Single tree	Road Reserve	Manukau Station Road	Pohutukawa	Young	0.2	
Within footprint of works - remove	179	Single tree	Road Reserve	Manukau Station Road	Pohutukawa	Young	0.2	
Within footprint of works - remove	180	Single tree	Road Reserve	Wiri Station Road	Pohutukawa	Young	0.2	
Within footprint of works - remove	181	Single tree	Road Reserve	Wiri Station Road	Pohutukawa	Young	0.2	
Within footprint of works - remove	182	Single tree	Road Reserve	Wiri Station Road	Pohutukawa	Young	0.2	
Within footprint of works - remove	183	Single tree	Road Reserve	Wiri Station Road	Pohutukawa	Young	0.2	
Within footprint of works - remove	184	Single tree	Road Reserve	Wiri Station Road	Pohutukawa	Young	0.2	
Within footprint of works - remove	185	Single tree	Road Reserve	Wiri Station Road	Pohutukawa	Young	0.2	
Within footprint of works - remove	186	Single tree	Road Reserve	Wiri Station Road	Pohutukawa	Young	0.2	
Within footprint of works - remove	187	Single tree	Road Reserve	Wiri Station Road	Pohutukawa	Young	0.2	

Within footprint of works - remove	188	Single tree	Road Reserve	Wiri Station Road	Pohutukawa	Young	0.2	
Within footprint of works - remove	189	Single tree	Road Reserve	Wiri Station Road	Pohutukawa	Young	0.2	
Within footprint of works - remove	190	Single tree	Road Reserve	Wiri Station Road	Pohutukawa	Young	0.2	
Within footprint of works - remove	191	Single tree	Road Reserve	Manukau Station Road	Pohutukawa	Young	0.2	
Within footprint of works - remove	192	Single tree	Road Reserve	Manukau Station Road	Pohutukawa	Young	0.25	
Within footprint of works - remove	193	Single tree	Road Reserve	Manukau Station Road	Pohutukawa	Young	0.2	
Within footprint of works - remove	194	Single tree	Road Reserve	Manukau Station Road	Pohutukawa	Young	0.15	
Within footprint of works - remove	195	Single tree	Road Reserve	Manukau Station Road	Pohutukawa	Young	0.15	
Within footprint of works - remove	196	Single tree	Road Reserve	Manukau Station Road	Pohutukawa	Young	0.15	
Within footprint of works - remove	197	Single tree	Road Reserve	Manukau Station Road	Pohutukawa	Young	0.15	
Within footprint of works - remove	198	Single tree	Road Reserve	Manukau Station Road	Pohutukawa	Young	0.15	
Within footprint of works - remove	199	Single tree	Road Reserve	Manukau Station Road	Pohutukawa	Young	0.15	
Within footprint of works - remove	200	Single tree	Road Reserve	Manukau Station Road	Pohutukawa	Young	0.15	
Within footprint of works - remove	201	Single tree	Road Reserve	Manukau Station Road	Pohutukawa	Young	0.15	

Within footprint of works - remove	202	Single tree	Road Reserve	Davies Ave	Pohutukawa	Semi - Mature	0.25	
Within footprint of works - remove	203	Single tree	Road Reserve	Davies Ave	Pohutukawa	Semi - Mature	0.25	
Within footprint of works - remove	204	Single tree	Road Reserve	Davies Ave	Pohutukawa	Semi - Mature	0.25	
Within footprint of works - remove	205	Single tree	Road Reserve	Davies Ave	Pohutukawa	Semi - Mature	0.25	
Within footprint of works - remove	206	Single tree	Road Reserve	Davies Ave	Pohutukawa	Semi - Mature	0.3	
Within footprint of works - remove	207	Single tree	Road Reserve	Davies Ave	Titoki	Young	0.15	
Within footprint of works - remove	208	Single tree	Road Reserve	Davies Ave	Kauri	Semi - Mature	0.25	
Within footprint of works - remove	209	Single tree	Road Reserve	Davies Ave	Pohutukawa	Semi - Mature	0.37	
Within footprint of works - remove	210	Single tree	Road Reserve	Davies Ave	Pohutukawa	Semi - Mature	0.37	
Within footprint of works - remove	211	Single tree	Road Reserve	Davies Ave	Puriri	Semi - Mature	0.3	
Within footprint of works - remove	212	Single tree	Road Reserve	Davies Ave	Pohutukawa	Semi - Mature	0.25	
Within footprint of works - remove	213	Single tree	Road Reserve	Davies Ave	Pohutukawa	Semi - Mature	0.25	
Within footprint of works - remove	214	Single tree	Road Reserve	Davies Ave	Pohutukawa	Semi - Mature	0.25	
Within footprint of works - remove	215	Single tree	Road Reserve	Davies Ave	Pohutukawa	Semi - Mature	0.25	

Within footprint of works - remove	216	Single tree	Road Reserve	Davies Ave	Pohutukawa	Semi - Mature	0.25	
Within footprint of works - remove	217	Single tree	Road Reserve	Davies Ave	Ash	Mature	0.35	
Within footprint of works - remove	218	Single tree	Road Reserve	Davies Ave	Ash	Mature	0.58	
Within footprint of works - remove	219	Single tree	Road Reserve	Davies Ave	Ash	Mature	0.35	
Within footprint of works - remove	220	Single tree	Road Reserve	Davies Ave	Ash	Mature	0.35	
Within footprint of works - remove	221	Single tree	Road Reserve	Davies Ave	Pohutukawa	Mature	0.5	
Within footprint of works - remove	222	Single tree	Road Reserve	Davies Ave	Pohutukawa	Mature	0.5	
Within footprint of works - remove	223	Single tree	Road Reserve	Davies Ave	Pohutukawa	Mature	0.5	
Within footprint of works - remove	224	Single tree	Road Reserve	Davies Ave	Pohutukawa	Mature	0.5	
Within footprint of works - remove	225	Single tree	Road Reserve	Davies Ave	Pohutukawa	Mature	0.5	
Within footprint of works - remove	226	Single tree	Road Reserve	Davies Ave	Pohutukawa	Mature	0.5	
Within footprint of works - remove	227	Single tree	Road Reserve	Davies Ave	Pohutukawa	Mature	0.5	
Within footprint of works - remove	228	Single tree	Road Reserve	Davies Ave	Pin Oak	Mature	0.3	
Within footprint of works - remove	229	Single tree	Road Reserve	Davies Ave	Pin Oak	Mature	0.4	

Within footprint of works - remove	230	Single tree	Road Reserve	Davies Ave	Fern Pine	Mature	0.5	
Within footprint of works - remove	231	Single tree	Road Reserve	Ronwood Ave	Magnolia	Semi - Mature	0.3	
Within footprint of works - remove	232	Single tree	Road Reserve	Ronwood Ave	Magnolia	Semi - Mature	0.3	
Within footprint of works - remove	233	Single tree	Road Reserve	Ronwood Ave	Water Gum	Mature	0.55	
Within footprint of works - remove	234	Single tree	Road Reserve	Ronwood Ave	Magnolia	Semi - Mature	0.3	
Within footprint of works - remove	235	Single tree	Road Reserve	Ronwood Ave	Magnolia	Semi - Mature	0.3	
Within footprint of works - remove	236	Single tree	Road Reserve	Ronwood Ave	Magnolia	Semi - Mature	0.3	
Within footprint of works - remove	237	Single tree	Road Reserve	Ronwood Ave	Puriri	Semi - Mature	0.1	
Within footprint of works - remove	238	Single tree	Road Reserve	Ronwood Ave	Puriri	Semi - Mature	0.3	
Within footprint of works - remove	239	Single tree	Road Reserve	Ronwood Ave	Puriri	Mature	0.5	
Within footprint of works - remove	240	Single tree	Road Reserve	Ronwood Ave	Puriri	Mature	0.6	
Within footprint of works - remove	241	Single tree	Road Reserve	Ronwood Ave	Puriri	Semi - Mature	0.2	
Within footprint of works - remove	242	Single tree	Road Reserve	Ronwood Ave	Puriri	Semi - Mature	0.5	
Within footprint of works - remove	243	Single tree	Road Reserve	Ronwood Ave	Puriri	Semi - Mature	0.2	

Within footprint of works - remove	244	Single tree	Road Reserve	Ronwood Ave	Puriri	Semi - Mature	0.2	
Within footprint of works - remove	245	Single tree	Road Reserve	Ronwood Ave	Puriri	Semi - Mature	0.2	
Within footprint of works - remove	246	Single tree	Road Reserve	Ronwood Ave	Norfolk Island Pine	Mature	0.6	
Within footprint of works - remove	247	Single tree	Road Reserve	Ronwood Ave	Magnolia	Semi - Mature	0.3	
Within footprint of works - remove	248	Single tree	Road Reserve	Ronwood Ave	Magnolia	Semi - Mature	0.3	
Within footprint of works - remove	249	Single tree	Road Reserve	Ronwood Ave	Magnolia	Semi - Mature	0.3	
Within footprint of works - remove	250	Single tree	Road Reserve	Ronwood Ave	Magnolia	Semi - Mature	0.3	
Within footprint of works - remove	251	Single tree	Road Reserve	Ronwood Ave	Magnolia	Semi - Mature	0.3	
Within footprint of works - remove	252	Single tree	Road Reserve	Ronwood Ave	Magnolia	Semi - Mature	0.3	
Within footprint of works - remove	253	Single tree	Road Reserve	Ronwood Ave	Magnolia	Semi - Mature	0.3	
Within footprint of works - remove	254	Single tree	Road Reserve	Ronwood Ave	Tulip Tree	Mature	0.45	
Within footprint of works - remove	255	Single tree	Road Reserve	Sharkey Street	Washingtonia Palm	Mature	0.45	
Within footprint of works - remove	256	Single tree	Road Reserve	Ronwood Ave	Washingtonia Palm	Semi - Mature	0.3	
Within footprint of works - remove	257	Single tree	Road Reserve	Sharkey Street	Magnolia	Semi - Mature	0.3	

Within footprint of works - remove	258	Single tree	Road Reserve	Ronwood Ave	Magnolia	Semi - Mature	0.3	
Within footprint of works - remove	259	Single tree	Road Reserve	Ronwood Ave	Magnolia	Semi - Mature	0.3	
Within footprint of works - remove	260	Single tree	Road Reserve	Ronwood Ave	Magnolia	Semi - Mature	0.3	
Within footprint of works - remove	261	Single tree	Road Reserve	Ronwood Ave	Magnolia	Semi - Mature	0.3	
Within footprint of works - remove	262	Single tree	Road Reserve	Ronwood Ave	Norfolk Island Pine	Mature	0.6	
Within footprint of works - remove	263	Single tree	Road Reserve	Ronwood Ave	Norfolk Island Pine	Mature	0.6	
Within footprint of works - remove	264	Single tree	Road Reserve	Ronwood Ave	Norfolk Island Pine	Mature	0.6	
Within footprint of works - remove	265	Single tree	Road Reserve	Ronwood Ave	Norfolk Island Pine	Mature	0.6	
Within footprint of works - remove	266	Single tree	Road Reserve	Ronwood Ave	Gum	Mature	0.8	
Within footprint of works - remove	267	Single tree	Road Reserve	Ronwood Ave	Gum	Mature	0.8	
Within footprint of works - remove	268	Single tree	Road Reserve	Ronwood Ave	Gum	Mature	0.8	
Within footprint of works - remove	269	Single tree	Road Reserve	Ronwood Ave	Magnolia	Semi - Mature	0.3	
Within footprint of works - remove	270	Single tree	Road Reserve	Ronwood Ave	Gum	Mature	0.8	
Within footprint of works - remove	271	Single tree	Road Reserve	Ronwood Ave	Gum	Mature	0.8	

Within footprint of works - remove	272	Single tree	Road Reserve	Ronwood Ave	Norfolk Island Pine	Mature	0.6	
Within footprint of works - remove	273	Single tree	Road Reserve	Ronwood Ave	Puriri	Semi - Mature	0.3	
Within footprint of works - remove	274	Single tree	Road Reserve	Ronwood Ave	Titoki	Semi - Mature	0.3	
Within footprint of works - remove	275	Single tree	Road Reserve	Ronwood Ave	Norfolk Island Pine	Mature	0.6	
Within footprint of works - remove	276	Single tree	Road Reserve	Ronwood Ave	Titoki	Semi - Mature	0.3	
Within footprint of works - remove	277	Single tree	Road Reserve	Ronwood Ave	Puriri	Semi - Mature	0.3	
Within footprint of works - remove	278	Single tree	Road Reserve	Ronwood Ave	Puriri	Semi - Mature	0.3	
Within footprint of works - remove	279	Single tree	Road Reserve	Ronwood Ave	Magnolia	Semi - Mature	0.3	
Within footprint of works - remove	280	Single tree	Road Reserve	Ronwood Ave	Magnolia	Semi - Mature	0.3	
Within footprint of works - remove	281	Single tree	Road Reserve	Ronwood Ave	Magnolia	Semi - Mature	0.3	
Within footprint of works - remove	282	Single tree	Road Reserve	Ronwood Ave	Magnolia	Semi - Mature	0.3	
Within footprint of works - remove	283	Single tree	Road Reserve	Ronwood Ave	Magnolia	Semi - Mature	0.3	
Within footprint of works - remove	284	Single tree	Road Reserve	Ronwood Ave	Magnolia	Semi - Mature	0.3	
Within footprint of works - remove	285	Single tree	Road Reserve	Ronwood Ave	Magnolia	Semi - Mature	0.3	

Within footprint of works - remove	286	Single tree	Road Reserve	Ronwood Ave	Magnolia	Semi - Mature	0.3	
Within footprint of works - remove	287	Single tree	Road Reserve	Ronwood Ave	Magnolia	Semi - Mature	0.3	
Within footprint of works - remove	288	Single tree	Road Reserve	Ronwood Ave	Magnolia	Semi - Mature	0.3	
Within footprint of works - remove	289	Single tree	Road Reserve	Ronwood Ave	Magnolia	Semi - Mature	0.3	
Within footprint of works - remove	290	Single tree	Road Reserve	Ronwood Ave	Magnolia	Semi - Mature	0.3	
Within footprint of works - remove	291	Single tree	Road Reserve	Ronwood Ave	Magnolia	Semi - Mature	0.3	
Within footprint of works - remove	292	Single tree	Road Reserve	Ronwood Ave	Magnolia	Semi - Mature	0.3	
Within footprint of works - remove	293	Single tree	Road Reserve	Ronwood Ave	Magnolia	Semi - Mature	0.3	
Within footprint of works - remove	294	Single tree	Road Reserve	Ronwood Ave	Magnolia	Semi - Mature	0.3	
Within footprint of works - remove	295	Single tree	Road Reserve	Great South Road	Washingtonia Palm	Mature	0.6	
Within footprint of works - remove	296	Single tree	Road Reserve	Great South Road	Washingtonia Palm	Mature	0.6	
Within footprint of works - remove	297	Single tree	Road Reserve	Great South Road	Washingtonia Palm	Mature	0.6	
Within footprint of works - remove	298	Single tree	Road Reserve	Great South Road	Washingtonia Palm	Mature	0.6	
Within footprint of works - remove	299	Single tree	Road Reserve	Great South Road	Washingtonia Palm	Mature	0.6	

Within footprint of works - remove	300	Single tree	Road Reserve	Great South Road	Washingtonia Palm	Mature	0.6	
Within footprint of works - remove	301	Single tree	Road Reserve	Great South Road	Washingtonia Palm	Mature	0.6	
Within footprint of works - remove	302	Single tree	Road Reserve	Te Irirangi Drive	Puriri	Semi - Mature	0.25	
Within footprint of works - remove	303	Single tree	Road Reserve	Te Irirangi Drive	Puriri	Semi - Mature	0.25	
Within footprint of works - remove	304	Single tree	Road Reserve	Te Irirangi Drive	Puriri	Semi - Mature	0.25	
Within footprint of works - remove	305	Single tree	Road Reserve	Te Irirangi Drive	Puriri	Semi - Mature	0.25	
Within footprint of works - remove	306	Single tree	Road Reserve	Te Irirangi Drive	Puriri	Semi - Mature	0.25	
Within footprint of works - remove	307	Single tree	Road Reserve	Te Irirangi Drive	Puriri	Semi - Mature	0.25	
Within footprint of works - remove	308	Single tree	Road Reserve	Te Irirangi Drive	Puriri	Semi - Mature	0.25	
Within footprint of works - remove	309	Single tree	Road Reserve	Te Irirangi Drive	Puriri	Semi - Mature	0.25	
Within footprint of works - remove	310	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.32	
Within footprint of works - remove	311	Single tree	Road Reserve	Te Irirangi Drive	Titoki	Semi - Mature	0.25	
Within footprint of works - remove	312	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.32	
Within footprint of works - remove	313	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.32	

Within footprint of works - remove	314	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Pam	Mature	0.6	
Within footprint of works - remove	315	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Pam	Mature	0.6	
Within footprint of works - remove	316	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Pam	Mature	0.6	
Within footprint of works - remove	317	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Pam	Mature	0.6	
Within footprint of works -	318	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Pam	Mature	0.6	
Within footprint of works -	319	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Pam	Mature	0.6	
Within footprint of works -	320	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Pam	Mature	0.6	
Within footprint of works -	321	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Pam	Mature	0.6	
Within footprint of works -	322	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Pam	Mature	0.6	
Within footprint of works -	323	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Pam	Mature	0.6	
Within footprint of works -	324	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Pam	Mature	0.6	
Within footprint of works -	325	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Pam	Semi - Mature	0.25	
Within footprint of works -	326	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Pam	Mature	0.6	
Within footprint of works -	327	Single tree	Road Reserve	Te Irirangi Drive	Titoki	Semi - Mature	0.25	

Within footprint of works -	328	Single tree	Road Reserve	Te Irirangi Drive	Titoki	Semi - Mature	0.25	
Within footprint of works -	329	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.25	
Within footprint of works -	330	Single tree	Road Reserve	Te Irirangi Drive	Magnolia	Semi - Mature	0.25	
Within footprint of works -	331	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.32	
Within footprint of works -	332	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.32	
Within footprint of works -	333	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.32	
Within footprint of works -	334	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.32	
Within footprint of works -	335	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.32	
Within footprint of works -	336	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.32	
Within footprint of works -	337	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.32	
Within footprint of works -	338	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.32	
Within footprint of works -	339	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6	
Within footprint of works -	340	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6	
Within footprint of works -	341	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6	

Within footprint of works -	342	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6	
Within footprint of works -	343	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6	
Within footprint of works -	344	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6	
Within footprint of works -	345	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6	
Within footprint of works -	346	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.32	
Within footprint of works -	347	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.32	
Within footprint of works -	348	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.32	
Within footprint of works -	349	Single tree	Road Reserve	Te Irirangi Drive	Titoki	Semi - Mature	0.25	
Within footprint of works -	350	Single tree	Road Reserve	Te Irirangi Drive	Titoki	Semi - Mature	0.25	
Within footprint of works -	351	Single tree	Road Reserve	Te Irirangi Drive	Titoki	Semi - Mature	0.25	
Within footprint of works -	352	Single tree	Road Reserve	Te Irirangi Drive	Titoki	Semi - Mature	0.25	
Within footprint of works -	353	Single tree	Road Reserve	Te Irirangi Drive	Titoki	Semi - Mature	0.25	
Within footprint of works -	354	Single tree	Road Reserve	Hollyford Drive	Titoki	Semi - Mature	0.25	
Within footprint of works -	355	Single tree	Road Reserve	Hollyford Drive	Titoki	Semi - Mature	0.25	

Within footprint of works -	356	Single tree	Road Reserve	Hollyford Drive	Titoki	Semi - Mature	0.25	
Within footprint of works -	357	Single tree	Road Reserve	Boundary Road	Titoki	Semi - Mature	0.25	
Within footprint of works -	358	Single tree	Road Reserve	Boundary Road	Washingtonia Palm	Mature	0.6	
Within footprint of works -	359	Single tree	Road Reserve	Boundary Road	Titoki	Semi - Mature	0.25	
Within footprint of works -	360	Single tree	Road Reserve	Boundary Road	Titoki	Semi - Mature	0.25	
Within footprint of works -	361	Single tree	Road Reserve	Boundary Road	Titoki	Semi - Mature	0.25	
Within footprint of works -	362	Single tree	Road Reserve	Boundary Road	Titoki	Semi - Mature	0.25	
Within footprint of works -	363	Single tree	Road Reserve	Boundary Road	Titoki	Semi - Mature	0.25	
Within footprint of works -	364	Single tree	Road Reserve	Boundary Road	Titoki	Semi - Mature	0.25	
Within footprint of works -	365	Single tree	Road Reserve	Boundary Road	Titoki	Semi - Mature	0.25	
Within footprint of works -	366	Single tree	Road Reserve	Boundary Road	Titoki	Semi - Mature	0.25	
Within footprint of works -	367	Single tree	Road Reserve	Boundary Road	Titoki	Semi - Mature	0.25	
Within footprint of works -	368	Single tree	Road Reserve	Boundary Road	Titoki	Semi - Mature	0.25	
Within footprint of works -	369	Single tree	Road Reserve	Boundary Road	Titoki	Semi - Mature	0.25	

Within footprint of works -	370	Single tree	Road Reserve	Hollyford Drive	Pin Oak	Semi - Mature	0.25	
Within footprint of works -	371	Single tree	Road Reserve	Te Irirangi Drive	Pin Oak	Semi - Mature	0.25	
Within footprint of works -	372	Single tree	Road Reserve	Te Irirangi Drive	Titoki	Semi - Mature	0.25	
Within footprint of works -	373	Single tree	Road Reserve	Te Irirangi Drive	Titoki	Semi - Mature	0.25	
Within footprint of works -	374	Single tree	Road Reserve	Te Irirangi Drive	Titoki	Semi - Mature	0.25	
Within footprint of works -	375	Single tree	Road Reserve	Te Irirangi Drive	Titoki	Semi - Mature	0.25	
Within footprint of works -	376	Single tree	Road Reserve	Te Irirangi Drive	Titoki	Semi - Mature	0.25	
Within footprint of works -	377	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.32	
Within footprint of works -	378	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.32	
Within footprint of works -	379	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.32	
Within footprint of works -	380	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.32	
Within footprint of works -	381	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.32	
Within footprint of works -	382	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.32	
Within footprint of works -	383	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.32	

Within footprint of works -	384	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.32	
Within footprint of works -	385	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.32	
Within footprint of works -	386	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.32	
Within footprint of works -	387	Single tree	Road Reserve	Te Irirangi Drive	Titoki	Semi - Mature	0.25	
Within footprint of works -	388	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.32	
Within footprint of works -	389	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.32	
Within footprint of works -	390	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.32	
Within footprint of works -	391	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.32	
Within footprint of works -	392	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.32	
Within footprint of works -	393	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.32	
Within footprint of works -	394	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.32	
Within footprint of works -	395	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.32	
Within footprint of works -	396	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.32	
Within footprint of works -	397	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.32	

Within footprint of works -	398	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.32	
Within footprint of works -	399	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.32	
Within footprint of works -	400	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.32	
Within footprint of works -	401	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.32	
Within footprint of works -	402	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.32	
Within footprint of works -	403	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.32	
Within footprint of works -	404	Single tree	Road Reserve	Te Irirangi Drive	Pohutukawa	Semi - Mature	0.32	
Within footprint of works -	405	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6	
Within footprint of works -	406	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6	
Within footprint of works -	407	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6	
Within footprint of works -	408	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6	
Within footprint of works -	409	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6	
Within footprint of works -	410	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6	
Within footprint of works -	411	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6	

Within footprint of works -	412	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6	
Within footprint of works -	413	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6	
Within footprint of works -	414	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6	
Within footprint of works -	415	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6	
Within footprint of works -	416	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6	
Within footprint of works -	417	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6	
Within footprint of works -	418	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6	
Within footprint of works -	419	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6	
Within footprint of works -	420	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6	
Within footprint of works -	421	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6	
Within footprint of works -	422	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6	
Within footprint of works -	423	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6	
Within footprint of works -	424	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6	
Within footprint of works -	425	Single tree	Road Reserve	Te Irirangi Drive	Washingtonia Palm	Mature	0.6	

Within Designation - Works to be confirmed	1122	Single tree	Open Space	Puhinui Domain	Gum	Mature	0.5	
Within Designation - Works to be confirmed	1123	Single tree	Open Space	Puhinui Domain	Gum	Mature	0.5	
Within Designation - Works to be confirmed	1124	Group of Trees	Open Space	Puhinui Domain	Gum	Mature	0.5	
Within Designation - Works to be confirmed	1125	Group of Trees	Open Space	Puhinui Domain	Gum	Mature	0.5	
Within Designation - Works to be confirmed	1126	Single tree	Private	Lambie Drive	Cedar	Mature	0.3	
Within Designation - Works to be confirmed	1127	Single tree	Private	Lambie Drive	Titoki	Mature	0.5	
Within Designation - Works to be confirmed	1128	Single tree	Private	Lambie Drive	Totara	Semi - Mature	0.4	
Within Designation - Works to be confirmed	1128	Group of Trees	Private	Lambie Drive	Pohutukawa	Semi - Mature		
Within Designation - Works to be confirmed	1129	Single tree	Private	Lambie Drive	Cypress	Mature	0.5	
Within Designation - Works to be confirmed	1130	Single tree	Private	Lambie Drive	Cedar	Mature	0.5	

Within Designation - Works to be confirmed	1131	Single tree	Private	Lambie Drive	Pepper Tree	Mature	0.5	
Within Designation - Works to be confirmed	1132	Group of Trees	Private	Hayman Park	Gum	Mature		
Within Designation - Works to be confirmed	1133	Group of Trees	Private	Hayman Park	Gum	Mature		
Within Designation - Works to be confirmed	1134	Single tree	Open Space	Hayman Park	Gum	Semi - Mature	0.8	
Within Designation - Works to be confirmed	1135	Group of Trees	Open Space	Hayman Park	Magnolia	Semi - Mature	0.3	
Removal	1143	Group of Trees	Private	Te Irirangi Drive	Mixed Native, Puriri	Mature		Strategic Transport Corridor Zone – no tree protection
Removal	1143	Group of Trees	Private	Te Irirangi Drive	Mixed Native, Puriri	Mature		Strategic Transport Corridor Zone – no tree protection
Within Designation – Removal Likely	1145	Group of Trees	Private	Te Irirangi Drive	Mixed Natives	Mature		Strategic Transport Corridor Zone – no tree protection
Within Designation – Removal Likely	1146	Group of Trees	Private	Te Irirangi Drive	Mixed Natives	Mature		Strategic Transport Corridor Zone – no tree protection
Within Designation – Removal Likely	1146	Group of Trees	Private	Te Irirangi Drive	Mixed Natives	Mature		Strategic Transport Corridor Zone – no tree protection
Within Designation – Removal Likely	1146	Group of Trees	Private	Te Irirangi Drive	Mixed Natives	Mature		Strategic Transport Corridor Zone – no tree protection
Within footprint of works - remove	1149	Group of Trees	Open Space	19R Boundary Road	Mixed Natives, Redwood, Norfolk Pine	Mature		

Likely to be removed	1151	Group of Trees	Private	19R Boundary Road	Mixed Natives, Redwood, Norfolk Pine	Mature		
Within Designation – Portion removed	1153	Group of Trees	Private	Manukau Sports Bowl	Mixed Natives, Norfolk Island Pine, Oak	Mature		
Likely to be removed	1155	Group of Trees	Open Space	Te Irirangi Drive	Manuka, mixed natives	Mature		
Likely to be removed	1204	Single tree	Road Reserve	Carruth Road	Broadleaf	Mature	0.5	

NoR 3

Status	Tree No.	Vegetation Type	Protection	Location	Species	Age	DBH
Notable Tree - Remove	1	Single tree	Notable	Puhinui Road	Gum		1.3
Within footprint of works - Remove	11	Single tree	Road Reserve	Puhinui Road	Pohutukawa	Semi - Mature	0.3
Within footprint of works - Remove	12	Single tree	Road Reserve	Puhinui Road	Pohutukawa	Semi - Mature	0.3
Within footprint of works - Remove	13	Single tree	Road Reserve	Puhinui Road	Pohutukawa	Semi - Mature	0.3
Within footprint of works - Remove	14	Single tree	Road Reserve	Puhinui Road	Ficus	Semi - Mature	0.3
Within footprint of works - Remove	15	Single tree	Road Reserve	Puhinui Road	Jacaranda	Semi - Mature	0.3

Within footprint of works - Remove	16	Single tree	Road Reserve	Puhinui Road	Jacaranda	Semi - Mature	0.3
Within footprint of works - Remove	17	Single tree	Road Reserve	Puhinui Road	Pohutukawa	Semi - Mature	0.3
Within footprint of works - Remove	18	Single tree	Road Reserve	Puhinui Road	Pohutukawa	Semi - Mature	0.3
Within footprint of works - Remove	19	Single tree	Road Reserve	Puhinui Road	Pohutukawa	Semi - Mature	0.3
Within footprint of works - Remove	20	Single tree	Road Reserve	Puhinui Road	Pohutukawa	Semi - Mature	0.3
Within footprint of works - Remove	21	Single tree	Road Reserve	Puhinui Road	Pohutukawa	Semi - Mature	0.3
Notable Tree - Remove	22	Group of Trees	Notable	Puhinui Road	Group of Notable Trees – Magnolia requiring removal	Mature	
Within footprint of works - Remove	23	Single tree	Road Reserve	Puhinui Road	Pohutukawa	Semi - Mature	0.3
Within footprint of works - Remove	24	Single tree	Road Reserve	Puhinui Road	Pohutukawa	Semi - Mature	0.3
Within footprint of works - Remove	25	Single tree	Road Reserve	Puhinui Road	Pohutukawa	Semi - Mature	0.3
Within footprint of works - Remove	26	Single tree	Road Reserve	Puhinui Road	Pohutukawa	Semi - Mature	0.3
Within footprint of works - Remove	27	Single tree	Road Reserve	Puhinui Road	Pohutukawa	Semi - Mature	0.3
Within footprint of works - Remove	28	Single tree	Road Reserve	Puhinui Road	Pohutukawa	Semi - Mature	0.3
Within footprint of works - Remove	29	Single tree	Road Reserve	Puhinui Road	Pohutukawa	Semi - Mature	0.3

Within footprint of works - Remove	30	Single tree	Road Reserve	Puhinui Road	Pohutukawa	Semi - Mature	0.3
Within footprint of works - Remove	32	Group of Trees	Road Reserve	Bridge Street	Mixed Group (Kauri, Totara, Privet)	Semi - Mature	
Within footprint of works - Remove	1205	Group of Trees	Open Space	Hayman Park	London Plane x 12	Mature	0.45
Within footprint of works - Remove	1206	Group of Trees	Open Space	Hayman Park	Pine / Eucalyptus x25	Mature	0.75
Within footprint of works - Remove	1207	Group of Trees	Open Space	Hayman Park	Pine x 30	Mature	0.65