

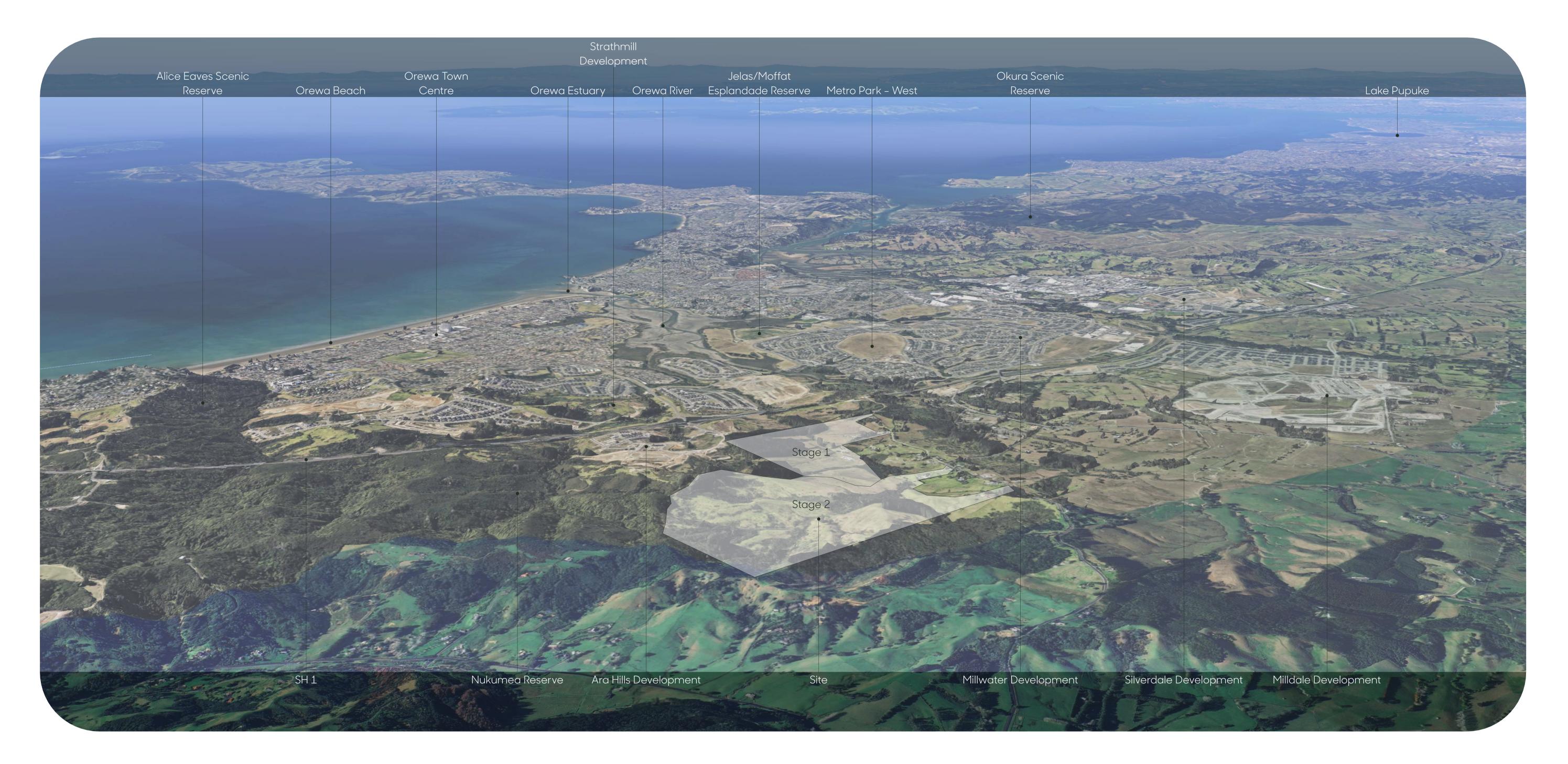
Fast Track Application Landscape Package for

Vineway Limited

Delmore, Upper Orewa, Auckland

Drawing Drawing Number: Description:	Drawing Issue Date:	Drawing Drawing Number: Description:	Drawing Issue Date:
2180/01 – Site Context & Local Character	03/07/2025	2180/14 – Lot Plant Palette 2	03/07/2025
2180/02 – General Arrangement Landscape Plan	03/07/2025	2180/14B – Lot Plant Palette 3	03/07/2025
2180/03 - Open Space Design Strategy	03/07/2025	2180/15 – Lot Hardscape Schedule & Hardscape Palette	03/07/2025
2180/04 - Street Tree Plan 1 (Stage 2)	03/07/2025	2180/16 – Lot Fencing Schedule & Fencing Palette 1	03/07/2025
2180/05 - Street Tree Plan 2 (Stage 1 & 2)	03/07/2025	2180/17 – Lot Fencing Schedule & Fencing Palette 2	03/07/2025
2180/06 - Street Tree Plan 3 (Stage 1)	03/07/2025	2180/18 – Typical Retaining Wall Sections	03/07/2025
2180/07 - Revegetation Plan 1 (Stage 2)	03/07/2025	2180/19-26- Stage 1 Lot Design Landscape Plan Part 1-8	03/07/2025
2180/08 - Revegetation Plan 2 (Stage 1 $\&$ 2)	03/07/2025	2180/27-40- Stage 2 Lot Design Landscape Plan Part 1-14	03/07/2025
2180/09 - Revegetation Plan 3 (Stage 1)	03/07/2025	2180/41 - Planting Details 1	03/07/2025
2180/10 - Revegetation Plant Palette 1	03/07/2025	2180/42 - Planting Details 2	03/07/2025
2180/11 - Revegetation Plant Palette 2	03/07/2025	2180/43 – Retaining Wall Plan 1 (Stage 2)	03/07/2025
2180/12 - Private Lot Design Strategy	03/07/2025	2180/44 – Retaining Wall Plan 2 (Stage 1 & 2)	03/07/2025
2180/13 - Lot Planting Schedule & Plant Palette 1	03/07/2025	2180/45 - Retaining Wall Plan 3 (Stage 1)	03/07/2025

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View from Russell Road looking towards north from southeast corner of the site



View from Upper Orewa Road looking towards north from the southwest corner of the site



3D view looking towards southeast of the site from northwest



3D view looking towards west of the site from east





Client Vineway Limited

Project Delmore, Upper Orewa, Auckland Drawing 2180/02 General Arrangement Landscape Plan



Issue Date 1:3000@A1 03/07/2025 1:6000@A3 FTA Rev B RC MB

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NATURE

RURAL

COMMUNITY

DELMORE - OPEN SPACE DESIGN STRATEGY

The site is located to the west of both SH 1 and Orewa, approximately a 5-minute drive from Grand Drive SH1 off ramp. A series of rural and rural-residential properties are situated to the west and south of the site. The northern and western parts of the site extend into Nukumea Reserve which is managed by DOC.

In recent years, several established and under-construction residential developments have emerged to the south and east of the site, demonstrating a trend of urbanisation in the area..

The development spans across scenic farmland with pockets of native bush and streams. These features give the site a natural character, which becomes a key design driver to maintain and enhance throughout the design process.

Due to the rolling terrain, large portiosn of the site have been proposed to native revegeration. A network of walking trails and lookouts have been identified throughout the site. Particularly up the site interfaces with Nukumea Reserve. This network also connects up a series of existing watercourses and streams within gullies across the site to support a walkable and cyclable community, providing recreation opportunities and access to nature throughout the development.

Native planting strategies are employed for street and open space landscape design to respond to the existing surrounding environment. These will help protect and enhance local flora and fauna habitats and biodiversity, and also contribute to the restoration of the wider blue-green networks.







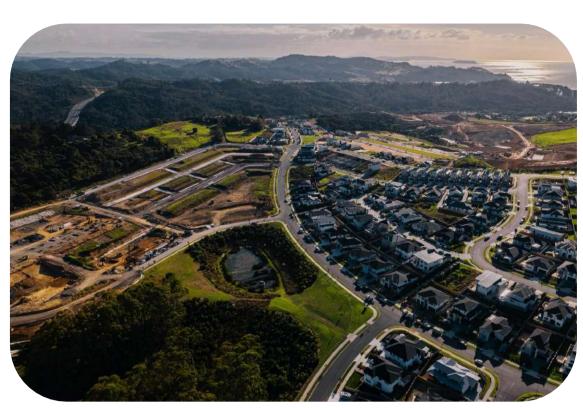






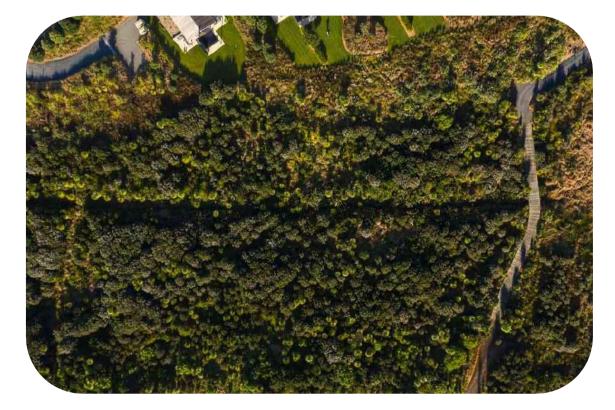


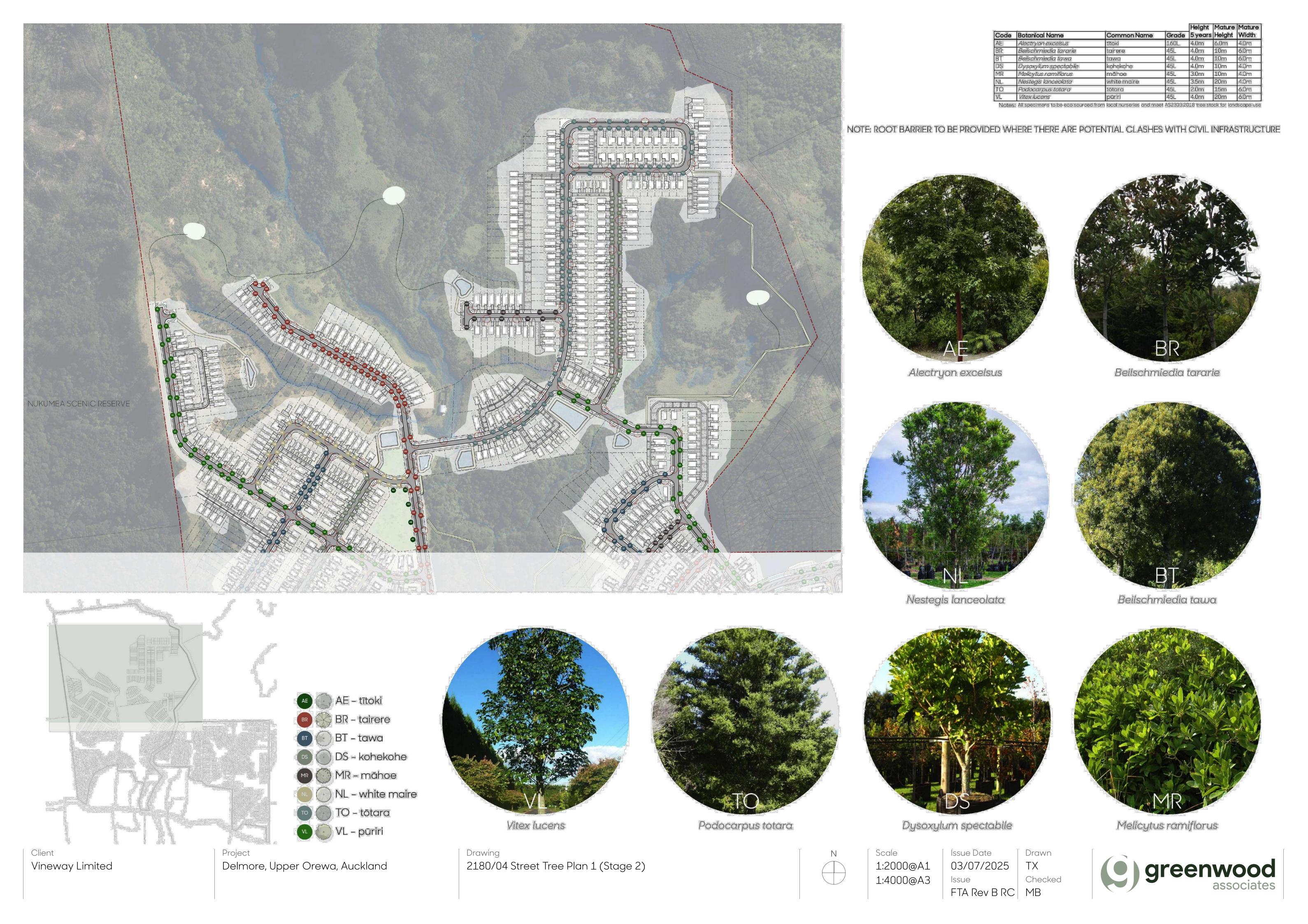














Common Name Grade 5 years Height Width Code Botanical Name Alectryon excelsus Beilschmiedia tararie Beilschmiedia tawa Dysoxylum spectablle Melicytus ramiflorus white maire Nestegis lanceolata Podocarpus totara Vitex lucens Notes: All specimens to be eco sourced from local nurseries and meet AS2303:2018 tree stock for landscape use

NOTE: ROOT BARRIER TO BE PROVIDED WHERE THERE ARE POTENTIAL CLASHES WITH CIVIL INFRASTRUCTURE



Alectryon excelsus



Beilschmiedia tararie



Nestegis lanceolata



Beilschmiedia tawa



Dysoxylum spectabile



Melicytus ramiflorus

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Project Delmore, Upper Orewa, Auckland

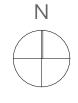
) MR – māhoe

TO - tōtara

VL – pūriri

NL – white maire

Drawing 2180/05 Street Tree Plan 2 (Stage 1 & 2)



Vitex lucens

Scale 1:2000@A1 1:4000@A3

Issue Date 03/07/2025 Issue FTA Rev B RC MB

Drawn TX Checked





Common Name Grade 5 years Height Width Code Botanical Name Alectryon excelsus Beilschmiedia tararie Beilschmiedia tawa kohekohe Dysoxylum spectablle Melicytus ramiflorus white maire Nestegis lanceolata Podocarpus totara Vitex lucens

Notes: All specimens to be eco sourced from local nurseries and meet AS2303:2018 tree stock for landscape use

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Alectryon excelsus



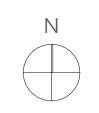
Nestegis lanceolata



Dysoxylum spectabile



Melicytus ramiflorus



Scale 1:2000@A1 1:4000@A3 Issue Date 03/07/2025 Issue FTA Rev B RC MB

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		1
	Native bush revegetation – Stage 1 Area: 30,529m² / Stage 2 Area: 138,012m²	
	Upper riparian revegetation - Stage 1 Area: 15,525m² / Stage 2 Area: 35,787m²	
Significant ecological area within site	Lower riparian revegetation – Stage 1 Area: 14,406m² / Stage 2 Area: 39,748m²	
Existing watercourse/streams	Revegetation within private lots - Stage 1 Area: 13,763m² / Stage 2 Area: 37,337m²	
Existing wetlands	Stormwater pond edge revegetation - Stage 1 Area: 1,441m² / Stage 2 Area: 1,654m²	
Ecological consent notice areas	Wetland revegetation – Stage 1 Area: 1,441m² / Stage 2 Area: 1,654m²	
New wetlands (offset planting)	Stormwater ponds	
New covenant notice area (offset planting)	Open recreation space	
Existing covenant notice area (offset planting)	Access paths	
Additional offset area (offset planting)	Recreation trail network	

2180/07 Revegetation Plan 1 (Stage 2)

Drawing

Client

Vineway Limited

Project

Delmore, Upper Orewa, Auckland

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Hencarzon,	Astella solandri	kōwharawhara	14	1500mm
THE PART .	Beilschmiedia tarairi	taraire	2L	1500mm
1%	Beilschmiedia tawa	tawa	2L	1500mm
5%	Carex banksiana	fine-leaved carex	14	1500mm
2%	Carex dissita	forest sedge	11	1500mm
5%	Coprosma robusta	karamü	11.	1500mm
10%	Cordyline australis	ti kouka	14	1500mm
2%	Corynocarpus laevigatus	karaka	2L	1500mm
2%	Dacrycarpus dacrydioides	kahikatea	2L	1500mm
2%	Dacrydium cupressinum	rimu	2L	1500mm
1%	Dysoxylum spectabile	kohekohe	2L	1500mm
5%	Griselinia lucida	akapuka	IL	1500mm
1%	Knightia excelsa	rewarewa	2L	1500mm
5%	Kunzea robusta	kanuka	11	1500mm
5%	Laurelia novae-zelandiae	pukatea	111	1500mm
10%	Leptospermum scoparium	manuka	111	1500mm
5%	Melicytus macrophyllus	large-leaved mahoe	14	1500mm
2%	Microlaena avenacea			1500mm
5%		bush rice grass		1500mm
1%	Myrsine australis	red mapou	11	1500mm
1% 2%	Nestegis lanceolata	white maire	2L	A STATE OF THE STA
grander to	Olearia rani.	heketara	11.	1500mm
1%	Pectinopitys ferruginea	miro	2L	1500mm
1%	Phyllocladus trichomanoides	tānekaha	2L	1500mm
2%	Pimelea longifolia	long-leaved pimelea	11.	1500mm
5%	Pittosporum tenuifolium	kohukohu	20	1500mm
1%	Podocarpus totara	tōtara	2L	1500mm
1%	Prumnopitys taxifolia	matar°	2L	1500mm
5%	Rhopalostylis sapida	nīkau	2L	1500mm
3%	Vitex lucens	purri	2L	1500mm
UM	Upper riparian planting mix*	DATE DESCRIPTION OF THE PROPERTY OF THE PROPER		
5%	Alsophila tricolor	silver fern	2L	1000mm
5%	Asplenium oblongifolium	huruhuruwhenua	1L	1000mm
5%	Austroderia fulvida	toetoe	1L	1000mm
5%	Carex banksiana	fine-leaved carex	111	1000mm
5%	Carex lambertiana	forest sedge	1	1000mm
5%	Carex virgata	swamp sedge	11	1000mm
10%	Cordyline australis	ti kouka	2L	1000mm
5%	The state of the s	wheki	2L	1000mm
5%	Dicksonia squarrosa	ST Frank ye shallowshown noting	(3) (3) (3) (3) (4) (4)	. January Constitution Constitution
ECCOSON .	Juncus edgariae	wiwi	111	1000mm
5%	Kunzea ericoides	kanuka	111	1000mm
1%	Laurelia novae-zelandiae	pukatea	2L	1000mm
10%	Leptospermum scoparium	mānuka	1L	1000mm
100 - 200	1 1 2	mingimingi	11.	1000mm
5%	Leucopogon fasciculatus			
5% 5%	Macropiper excelsum	kawakawa	111	1000mm
5% 5% 1%	Macropiper excelsum Nestegis lanceolata		1L 2L	1000mm
5% 5% 1% 5%	Macropiper excelsum Nestegis lanceolata Pakau pennigera	kawakawa white maire gully fern	111	1000mm 1000mm
5% 5% 1% 5% 8%	Macropiper excelsum Nestegis lanceolata	kawakawa white maire	1L 2L	1000mm
5% 5% 1% 5%	Macropiper excelsum Nestegis lanceolata Pakau pennigera	kawakawa white maire gully fern	1L 2L 1L	1000mm 1000mm
5% 5% 1% 5% 8%	Macropiper excelsum Nestegis lanceolata Pakau pennigera Parablechnum novae-zelandiae	kawakawa white maire gully fern kiokio	1L 2L 1L 1L	1000mm 1000mm 1000mm
5% 5% 1% 5% 8% 10%	Macropiper excelsum Nestegis lanceolata Pakau pennigera Parablechnum novae-zelandiae Rhopalostylis sapida Lower riparlan planting mix*	kawakawa white maire gully fern kiokio nikau	1L 2L 1L 1L 2L	1000mm 1000mm 1000mm 1000mm
5% 5% 1% 5% 8% 10% LM 30%	Macropiper excelsum Nestegis lanceolata Pakau pennigera Parablechnum novae-zelandiae Rhopalostylis sapida Lower riparlan planting mix* Carex geminata	kawakawa white maire gully fern kiokio nikau	1L 2L 1L 1L 2L	1000mm 1000mm 1000mm 1000mm
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5% 5% 1% 5% 8% 10% LM 30% 25%	Macropiper excelsum Nestegis lanceolata Pakau pennigera Parablechnum novae-zelandiae Rhopalostylis sapida Lower riparlan planting mix* Carex geminata Carex virgata Juncus edgariae	kawakawa white maire gully fern kiokio nikau rautahi swamp sedge wiwi	1L 2L 1L 2L 2L 1L 1L 1L	1000mm 1000mm 1000mm 1000mm 1000mm
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5% 5% 1% 5% 8% 10% LM 30% 25% 30% 10% 5% PM	Macropiper excelsum Nestegis lanceolata Pakau pennigera Parablechnum novae-zelandiae Rhopalostylis sapida Lower riparlan planting mix* Carex geminata Carex virgata Juncus edgarlae Cordyline australis Laurella novae-zelandiae Lot revegetation planting mix* Macropiper excelsum	kawakawa white maire gully fern kiokio nikau rautahi swamp sedge wiwi ti kouka pukatea	1L 2L 1L 1L 2L 1L 1L 1L 2L 2L	1000mm 1000mm 1000mm 1000mm 1000mm 1000mm 1000mm
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5% 5% 1% 5% 8% 10% LM 30% 25% 30% 5% PM 20% 5% 5% 20% SM 25% 25% WM 15%	Macropiper excelsum Nestegis lanceolata Pakau pennigera Parablechnum novae-zelandiae Rhopalostylis sapida Lower riparlan planting mix* Carex geminata Carex virgata Juncus edgariae Cordyline australis Laurella novae-zelandiae Lot revegetation planting mix* Macropiper excelsum Phormium tenax Cordyline australis Rhopalostylis sapida Coprosma robusta Stormwater pond edge planting m Apodasmia similis Carex secta Juncus edgariae Typha orientalis Wetland planting mix* Machaerina articulata Carex secta	kawakawa white maire gully fern kiokio nikau rautahi swamp sedge wiwi ti kouka pukatea kawakawa harakeke ti kouka nikau karamu ix* oioi pūrei wiwi raupō	1L 2L 1L 1L 1L 1L 1L 2L 2L 2L 1L 1L 1L 1L 1L	1000mm
5% 5% 1% 5% 8% 10% LM 30% 25% 30% 5% PM 20% 5% 5% 25% 25% 25% WM 15% 15%	Macropiper excelsum Nestegis lanceolata Pakau pennigera Parablechnum novae-zelandiae Rhopalostylis sapida Lower riparian planting mix* Carex geminata Carex virgata Juncus edgariae Cordyline australis Laurelia novae-zelandiae Lot revegetation planting mix* Macropiper excelsum Phormium tenax Cordyline australis Rhopalostylis sapida Coprosma robusta Stormwater pond edge planting m Apodasmia similis Carex secta Juncus edgariae Typha orientalis Wetland planting mix* Machaerina articulata Carex secta Schoenoplectus tabernaemontani	kawakawa white maire gully fern kiokio nikau rautahi swamp sedge wiwi ti kouka pukatea kawakawa harakeke ti kouka nikau karamu ix* oioi pūrel wiwi raupō	1L 2L 1L 1L 1L 1L 1L 1L 2L 2L 2L 1L 1L 1L 1L 1L 1L	1000mm
5% 5% 1% 5% 8% 10% LM 30% 25% 30% 10% 5% PM 20% 5% 5% 20% 5% 25% 25% 25% WM 15% 15% 15% 15%	Macropiper excelsum Nestegis lanceolata Pakau pennigera Parablechnum novae-zelandiae Rhopalostylis sapida Lower riparian planting mix* Carex geminata Carex virgata Juncus edgariae Cordyline australis Laurelia novae-zelandiae Lot revegetation planting mix* Macropiper excelsum Phormium tenax Cordyline australis Rhopalostylis sapida Coprosma robusta Stormwater pond edge planting m Apodasmia similis Carex secta Juncus edgariae Typha orientalis Wetland planting mix* Machaerina articulata Carex secta Schoenoplectus tabernaemontani Eleocharis sphacelata	kawakawa white maire gully fern kiokio nikau rautahi swamp sedge wiwi ti kouka pukatea kawakawa harakeke ti kouka nikau karamu ix* oioi pūrei wiwi raupō	1L 2L 1L 1L 1L 1L 1L 2L 2L 2L 1L 1L 1L 1L 1L 1L 1L 1L	1000mm
5% 5% 1% 5% 8% 10% LM 30% 25% 30% 5% PM 20% 5% 5% 20% SM 25% 25% WM 15% 15% 15% 10%	Macropiper excelsum Nestegis lanceolata Pakau pennigera Parablechnum novae-zelandiae Rhopalostylis sapida Lower riparlan planting mix* Carex geminata Carex virgata Juncus edgariae Cordyline australis Laurella novae-zelandiae Lot revegetation planting mix* Macropiper excelsum Phormium tenax Cordyline australis Rhopalostylis sapida Coprosma robusta Stormwater pond edge planting m Apodasmia similis Carex secta Juncus edgariae Typha orientalis Wetland planting mix* Machaerina articulata Carex secta Schoenoplectus tabernaemontani Eleocharis sphacelata Cyperus ustulatus	kawakawa white maire gully fern kiokio nikau rautahi swamp sedge wiwl ti kouka pukatea kawakawa harakeke ti kouka nikau karamu ix* oioi purei wiwi raupo	1L 2L 1L 1L 1L 1L 1L 2L 2L 2L 1L 1L 1L 1L 1L 1L 1L 1L	1000mm
5% 5% 1% 5% 8% 10% LM 30% 25% 30% 5% PM 20% 5% 5% 20% 5% WM 15% 15% 15% 10%	Macropiper excelsum Nestegis lanceolata Pakau pennigera Parablechnum novae-zelandiae Rhopalostylis sapida Lower riparlan planting mix* Carex geminata Carex virgata Juncus edgariae Cordyline australis Laurelia novae-zelandiae Lot revegetation planting mix* Macropiper excelsum Phormium tenax Cordyline australis Rhopalostylis sapida Coprosma robusta Stormwater pond edge planting m Apodasmia similis Carex secta Juncus edgariae Typha orientalis Wetland planting mix* Machaerina articulata Carex secta Schoenoplectus tabernaemontani Eleocharis sphacelata Cyperus ustulatus Carex geminata	kawakawa white maire gully fern kiokio nikau rautahi swamp sedge wiwi ti kouka pukatea kawakawa harakeke ti kouka nikau karamu ix* oioi purel wiwi raupo	1L 2L 1L 1L 1L 1L 1L 2L 2L 2L 1L 1L 1L 1L 1L 1L 1L	1000mm
5% 5% 1% 5% 8% 10% LM 30% 25% 30% 10% 5% PM 20% 5% 5% 20% 5% 25% 25% WM 15% 15% 15% 15% 10% 15% 10%	Macropiper excelsum Nestegis lanceolata Pakau pennigera Parablechnum novae-zelandiae Rhopalostylis sapida Lower riparlan planting mix* Carex geminata Carex virgata Juncus edgariae Cordyline australis Laurella novae-zelandiae Lot revegetation planting mix* Macropiper excelsum Phormium tenax Cordyline australis Rhopalostylis sapida Coprosma robusta Stormwater pond edge planting m Apodasmia similis Carex secta Juncus edgariae Typha orientalis Wetland planting mix* Machaerina articulata Carex secta Schoenoplectus tabernaemontani Eleocharis sphacelata Cyperus ustulatus	kawakawa white maire gully fern kiokio nikau rautahi swamp sedge wiwi ti kouka pukatea kawakawa harakeke ti kouka nikau karamu ix* oioi pūrei wiwi raupō	1L 2L 1L 1L 1L 1L 1L 2L 2L 2L 1L 1L 1L 1L 1L 1L 1L 1L	1000mm
5% 5% 1% 5% 8% 10% LM 30% 25% 30% 5% PM 20% 5% 5% 20% 5% WM 15% 15% 15% 10%	Macropiper excelsum Nestegis lanceolata Pakau pennigera Parablechnum novae-zelandiae Rhopalostylis sapida Lower riparlan planting mix* Carex geminata Carex virgata Juncus edgariae Cordyline australis Laurelia novae-zelandiae Lot revegetation planting mix* Macropiper excelsum Phormium tenax Cordyline australis Rhopalostylis sapida Coprosma robusta Stormwater pond edge planting m Apodasmia similis Carex secta Juncus edgariae Typha orientalis Wetland planting mix* Machaerina articulata Carex secta Schoenoplectus tabernaemontani Eleocharis sphacelata Cyperus ustulatus Carex geminata	kawakawa white maire gully fern kiokio nikau rautahi swamp sedge wiwi ti kouka pukatea kawakawa harakeke ti kouka nikau karamu ix* oioi purel wiwi raupo	1L 2L 1L 1L 1L 1L 1L 2L 2L 2L 1L 1L 1L 1L 1L 1L 1L	1000mm

Notes: ►*Except tree species, planting mixes to be planted in species groups of 3 min. for small garden (<9m2)

and 5 min, for larger gardens (≥9m2)

►All plant species to be eco sourced from local nurseries
 ►Plant selection is based on acheiving target ecosystem type WF11
 ►Revegetation planting mix to be planted in two stages. The first stage with colonising species and the second stage with enrichment species, with timings TBD at EPA stage
 ►All existing native bush to remain



Scale 1:2000@A1 1:4000@A3 Íssue Date 03/07/2025 Issue

Drawn TX Checked FTA Rev B RC MB



BM 1%	Native bush revegetation planting in Alectryon excelsus	titoki	21	150
1% 5%	Alsophila tricolor	2 Sunnandown	111	150
5% 2%	Alsopnila tricolor Astelia solandri	silver fern köwharawhara	- 1923/1939	150
2% 1%	Beilschmiedia tarairi	taraire	2L	150
1% 5%	Beilschmiedia tawa Carex banksiana	fine-leaved carex	2L 1L	150 150
-			111	150
2% 5%	Carex dissita	forest sedge	1000000	
7665365	Coprosma robusta	karamū		150
10%	Cordyline australis	tī kouka		150
2%	Corynocarpus laevigatus	karaka	2L	150
2%	Dacrycarpus dacrydioides	kahikatea	2L	150
2%	Dacrydium cupressinum	rimu	2L	150
1%	Dysoxylum spectabile	kohekohe		150
5%	Griselinia lucida	akapuka	21	150
1%	Knightia excelsa	rewarewa	2L	150
5%	Kunzea robusta	kanuka		150
5%	Laurelia novae-zelandiae	pukatea	111	150
10%	Leptospermum scoparium	manuka	11	150
5%	Melicytus macrophyllus	large-leaved mahoe	14	150
2%	Microlaena avenacea	bush rice grass	111	150
5%	Myrsine australis	red mapou		150
1%	Nestegis lanceolata	white maire	2L	150
2%	Olearia ranii	heketara	11.	150
1%	Pectinopitys ferruginea	miro		150
1%	Phyllociadus trichomanoides	tānekaha	2L	150
2%	Pimelea longifolia	long-leaved pimelea		150
5%	Pittosporum tenuifolium	kohukohu	1 11	150
1%	Podocarpus totara	totara		150
1%	Prumnopitys taxifolia	mataī	2L	150
1% 5%	Rhopalostylis sapida	nīkau	2L	150
3%		- Al Carachina C	2L	150
	Vitex lucens	puriri	26	TOU
UM	Upper riparian planting mix*	Total Annual Control of the Control	1 -1	
5%	Alsophila tricolor	silver fern	2L	100
5%	Asplenium oblongifolium	huruhuruwhenua	1000000	100
5%	Austroderia fulvida	toetoe		100
5%	Carex banksiana	fine-leaved carex	11	100
5%	Carex lambertlana	forest sedge	11.	100
5%	Carex virgata	swamp sedge	14	100
10%	Cordyline australis	ti kouka	2L	100
5%	Dicksonia squarrosa	wheki	2L	100
5%	Juncus edgariae	wiwi	11	100
5%	Kunzea ericoides	kanuka	111	100
1%	Laurelia novae-zelandiae	pukatea	2L	100
10%	Leptospermum scoparium	mānuka		100
5%	Leucopogon fasciculatus	mingimingi		100
5%	Macropiper excelsum	kawakawa	111	100
1%	Nestegis lanceolata	white maire	2L	100
5%	Pakau pennigera	gully fern	1 11	100
8%	Parablechnum novae-zelandiae	kiokio	1 11	100
10%	Rhopalostylls sapida	nīkau	2L	100
99.00.000000000000000000000000000000000		Illincu	(Ani, ba)	TOC
LM	Lower riparian planting mix*		401	100
30%	Carex geminata	rautahi	ILL	100
25%	Carex virgata	swamp sedge	11	100
30%	Juncus edgarlae	wiwi	14	100
10%	Cordyline australis	ti kouka	2L	100
5%	Laurelia novae-zelandiae	pukatea	2L	100
PM.	Lot revegetation planting mix*	SAME.	· · · · · · · · · · · · · · · · · · ·	
20%	Macropiper excelsum	kawakawa	1	100
50%	Phormium tenax	harakeke		100
5%	Cordyline australis	ti kouka		1.00
5%	Rhopalostylis sapida	nīkau	2L	100
20%	Coprosma robusta	karamü	11	100
SM	Stormwater pond edge planting m	THE RESIDENCE OF THE PROPERTY	The state of the s	
25%	Apodasmia similis		11.	100
25%	- N COLONIOS - DE LEGONISTICA PER PER PER DE LEGONISTICA DE LA COLONIO -	- Language -	200000	
Anna Contraction .	Carex secta	pürel	30	100
25%	Juncus edgariae	wiwi		100
25%	Typha orientalis	raupō	11	100
WM	Wetland planting mix*	The second secon	- gas-w	30 page
15%	Machaerina articulata	jointed twig rush	11	100
15%	Carex secta	purel	111	100
15%	Schoenoplectus tabernaemontani	kuawa	421	100
10%	Eleocharis sphacelata	kuta	111	100
15%	Cyperus ustulatus	giant umbrella sedge	11	100
10%	Carex geminata	rautahi	11	100
10%	Carex virgata	swamp sedge		100
100 E-000 E-		sharp spike sedge		100
10%	Eleocharis acuta			

Common Name

Grade Spacing

Code Botanical Name

►Plant selection is based on acheiving target ecosystem type WF11

► Revegetation planting mix to be planted in two stages. The first stage with colonising species and the second stage with enrichment species, with timings TBD at EPA stage

►All existing native bush to remain

Drawn

Checked

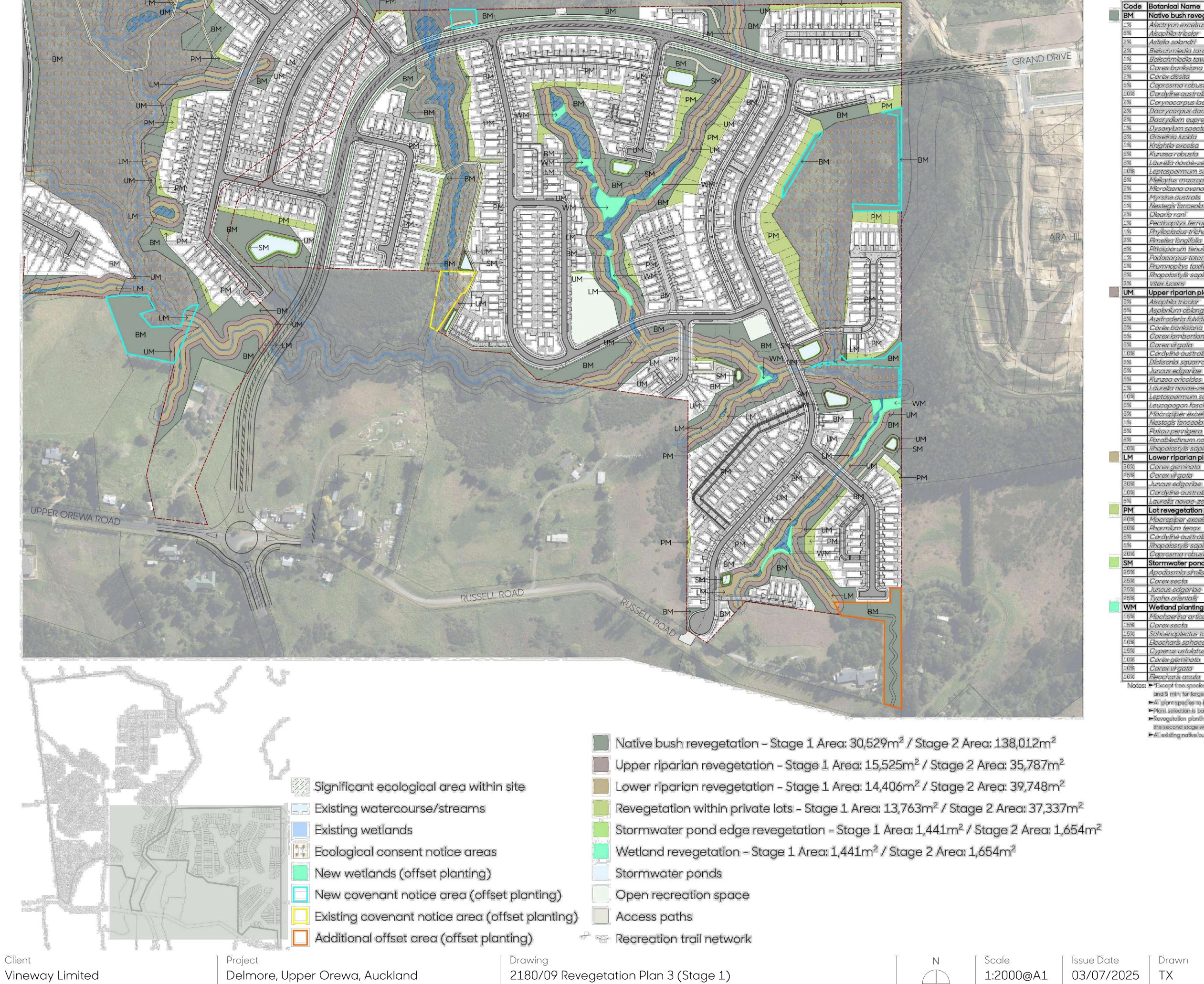
ΤX

FTA Rev B RC MB

1:4000@A3







1% 5% 2% 2% 1%	Native bush revegetation planting r Alectryon excelsus Alsophila tricolor Astelia solandri	titoki silver fern kõwharawhara	2L 1L	
5% 2% 2% 1% 5%	Alsophila tricolor Astelia solandri	silver fern	1L	1500mm
2% 2% 1% 5%	Astelia solandri	A DESCRIPTION AND AND AND AND AND AND AND AND AND AN	10,000	
2% 1% 5% 2%		Ikownarawnara		1000
1% 5% 2%			11.	1500mm
5% 2%	Bellschmiedia tarairi	taraire	2L	1500mm
2%	Beilschmiedia tawa	tawa	2L	1500mm
	Carex banksiana	fine-leaved carex	112	1500mm
	Carex dissita	forest sedge	11.	1500mm
10100000	Coprosma robusta	karamu	11.	1500mm
10% 2%	Cordyline australis	tī kouka	114	1500mm
	Corynocarpus laevigatus	karaka	2L	1500mm
	Dacrycarpus dacrydioides	kahikatea	2L	1500mm
	Dacrydium cupressinum	rimu	2L	1500mm
	Dysoxylum spectabile	kohekohe	2L	1500mm
5%	Griselinia lucida	akapuka	11.	1500mm
	Knightia excelsa	rewarewa	2L	1500mm
	Kunzea robusta	kanuka		1500mm
997000	Laurelia novae-zelandiae	pukatea	11.	1500mm
	Leptospermum scoparium	mānuka	11	1500mm
	Melicytus macrophyllus	large-leaved māhoe	14	1500mm
	Microlaena avenacea	bush rice grass	11	1500mm
	Myrsine australis	red mapou		1500mm
	Nestegis lanceolata	white maire	2L	1500mm
	Olearia rani.	heketara	11	1500mm
	Pectinopitys ferruginea	miro	2L	1500mm
	Phyllocladus trichomanoides	tānekaha	2L	1500mm
	Pimelea longifolia	long-leaved pimelea	114	1500mm
	Pittosporum tenuifolium	kohukohu	111	1500mm
	Podocarpus totara	totara	2L	1500mm
	Prumnopitys taxifolia	mataī*	2L	1500mm
	Rhopalostylis sapida	nīkau	2L	1500mm
3%	Vitex lucens	püriri	2L	1500mm
UM	Upper riparian planting mix*			
5%	Alsophila tricolor	silver fern	2L	1000mm
5%	Asplenium oblongifolium	huruhuruwhenua	1L	1000mm
5%	Austroderia fulvida	toetoe	IL.	1000mm
5%	Carex banksiana	fine-leaved carex	111	1000mm
5%	Carex lambertiana	forest sedge	11	1000mm
5%	Carex virgata	swamp sedge	14	1000mm
10%	Cordyline australis	ti kouka	2L	1000mm
5%	Dicksonia squarrosa	wheki	2L	1000mm
5%	Juncus edgarlae	wiwi	11	1000mm
	Kunzea ericoides	kanuka	11.	1000mm
1%	Laurelia novae-zelandiae	pukatea	2L	1000mm
10%	Leptospermum scoparium	mānuka	111	1000mm
	Leucopogon fasciculatus	mingimingi	IL.	1000mm
	Macropiper excelsum	kawakawa	111	1000mm
	Nestegis lanceolata	white maire	2L	1000mm
10 To	Pakau pennigera	gully fern	111	1000mm
	Parablechnum novae-zelandiae	kiokio	111	1000mm
	Rhopalostylis sapida	nīkau	2L	1000mm
-	Lower riparian planting mix*	# Draw-supplemental	1	SACRETOR STATES OF THE SACRETOR OF THE SACRETO
	Carex geminata	rautahi	11	1000mm
CONTRACTOR (C	Carex virgata	swamp sedge	11	1000mm
	Juncus edgariae	wiwi	1 11	1000mm
	Cordyline australis	ti kouka	2L	1000mm
307700000000000000000000000000000000000	Laurelia novae-zelandiae	pukatea	2L	1000mm
	Lot revegetation planting mix*	paratea		10001111
The state of the s	Printed States and Control of the Co	Transmatra	41	1000
	Macropiper excelsum	kawakawa	111	1000mm
	Phormium tenax	harakeke	11	
	Cordyline australis	tî kouka	2L	1000mm
and the course of the course o	Rhopalostylis sapida	nikau	2L	1000mm
	Coprosma robusta	karamū	11.	1000mm
	Stormwater pond edge planting m		SOLESIA TO	The second
	Apodasmia similis	oloi	11.	1000mm
	Carex secta	pürel	11.	
	Juncus edgariae	wiwl	11.	1000mm
25%	Typha orientalis	raupō	1 11	1000mm
WM	Wetland planting mix*	MARKET TO THE STATE OF THE STAT		
15%	Machaerina articulata	jointed twig rush	11	1000mm
15%	Carex secta	purel	111	1000mm
	Schoenoplectus tabernaemontani	kuawa	11.	1000mm
37.37.57.57.57.57.57.57.57.57.57.57.57.57.57	Eleocharis sphacelata	kuta	T TL	1000mm
	Cyperus ustulatus	giant umbrella sedge	ĪL	1000mm
10%	Carex geminata	rautahi	TI TI	1000mm
	Carex virgata	swamp sedge	1 1	1000mm
-1000001449	Eleocharis acuta	sharp spike sedge		1000mm
months:	Except tree species, planting mixes to be	The state of the s	16-4000	

Common Name

Grade Spacing

►Plant selection is based on acheiving target ecosystem type WF11

Revegetation planting mix to be planted in two stages. The first stage with colonising species and

Drawn

Checked

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FTA Rev B RC MB

1:4000@A3



greenwood

LOWER RIPARIAN PLANTING MIX











Laurelia novae-zelandiae

Apodasmia similis

UPPER RIPARIAN PLANTING MIX





Parablechnum novae-zelandiae













