



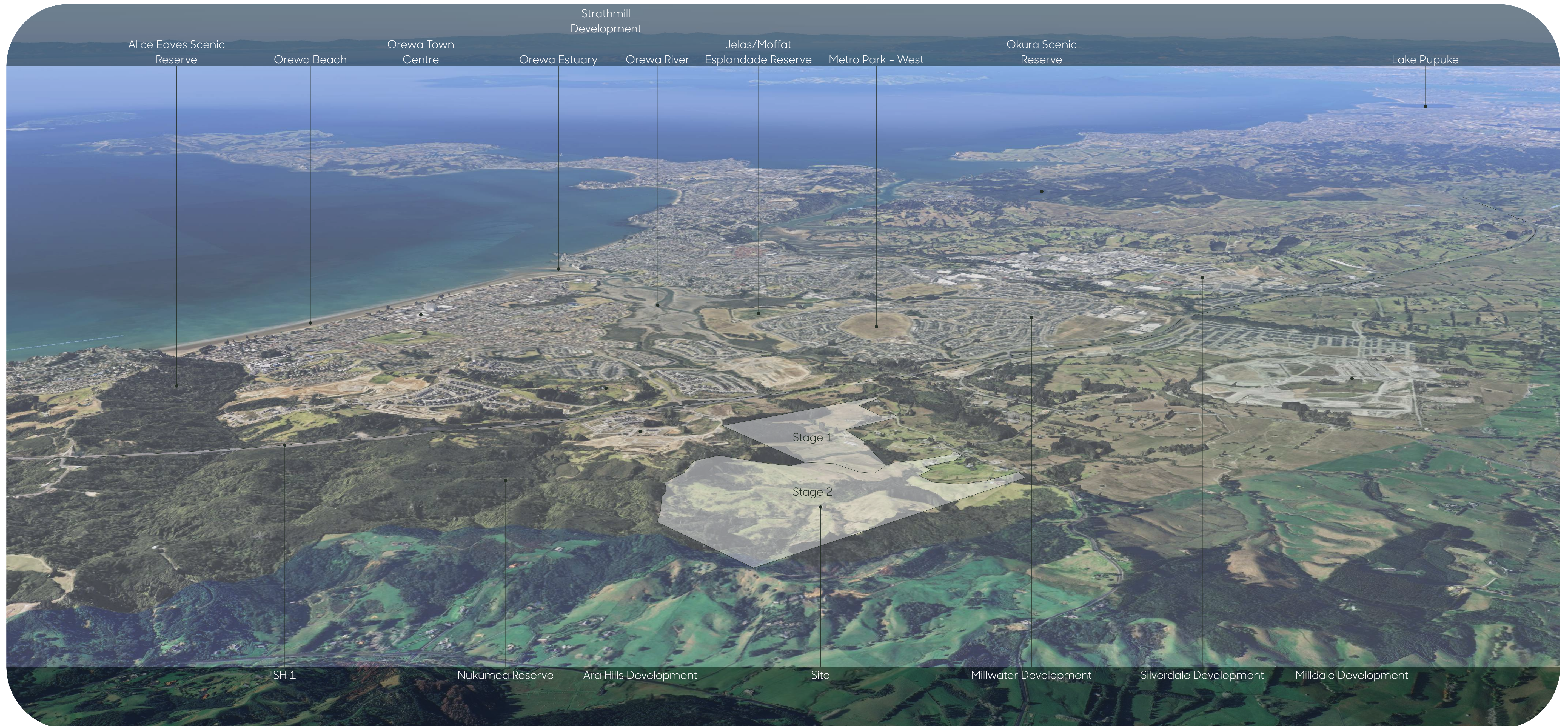
Fast Track Application Landscape Package for

Vineway Limited

Delmore – 53A, 53B & 55 Russell Road (Stage 1) and
88, 130 & 132 Upper Ōrewa Road (Stage 2),
Wainui, Auckland

Drawing Number:	Drawing Description:	Drawing Issue Date:	Drawing Number:	Drawing Description:	Drawing Issue Date:
2535/01	- Site Context & Local Character	4/06/26	2535/14	- Lot Plant Palette 2	4/06/26
2535/02	- General Arrangement Landscape Plan	4/06/26	2535/14B	- Lot Plant Palette 3	4/06/26
2535/03	- Open Space Design Strategy	4/06/26	2535/15	- Lot Hardscape Schedule & Hardscape Palette	4/06/26
2535/04	- Street Tree Plan 1 (Stage 2)	4/06/26	2535/16	- Lot Fencing Schedule & Fencing Palette 1	4/06/26
2535/05	- Street Tree Plan 2 (Stage 1 & 2)	4/06/26	2535/17	- Lot Fencing Schedule & Fencing Palette 2	4/06/26
2535/06	- Street Tree Plan 3 (Stage 1)	4/06/26	2535/18	- Typical Retaining Wall Sections	4/06/26
2535/07	- Revegetation Plan 1 (Stage 2)	4/06/26	2535/19-26	- Stage 1 Lot Design Landscape Plan Part 1-8	4/06/26
2535/08	- Revegetation Plan 2 (Stage 1 & 2)	4/06/26	2535/27-40	- Stage 2 Lot Design Landscape Plan Part 1-14	4/06/26
2535/09	- Revegetation Plan 3 (Stage 1)	4/06/26	2535/41	- Planting Details	4/06/26
2535/10	- Revegetation Plant Palette 1	4/06/26	2535/42	- Planting Details - Canopy Coverage Diagram	4/06/26
2535/11	- Revegetation Plant Palette 2	4/06/26			
2535/12	- Private Lot and Revegetation Design Strategy	4/06/26			
2535/13	- Lot Planting Schedule & Plant Palette 1	4/06/26			

greenwoodassociates.co.nz



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 - 53A, 53B & 55 Russell Road (Stage 1) and 88, 130 & 132 Upper Ōrewa Road (Stage 2), Wainui, Auckland

Drawing
2535/02 General Arrangement Landscape Plan



Scale
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1:6000@A3

Issue Date
4/06/26
Issue
RC REV B

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LANDSCAPE DESIGN STRATEGY

The site is currently rural in character, spanning across a scenic rolling landform with pockets of native bush, streams and wetlands. These natural assets give the site a unique natural character. Maintaining and enhancing this character has been a key driver throughout the design process. This approach has been balanced with integrating a new community into the landscape which will have the opportunity to live amongst and enjoy this unique environment that will continue to evolve and establish around them. We believe maintaining and enhancing the site’s natural character has been achieved through considered and appropriate treatments in three main areas which will form the basis of the landscape design approach summary;

- The street tree and public space design of public roads and parks to be vested to Auckland Council.
- The design of native revegetation, stormwater ponds and natural riparian margins to be held in perpetuity by a Residential Society.
- The design of the residential lots and common access ways to be held in private ownership.

STREETSCAPE AND OPEN SPACE DESIGN STRATEGY

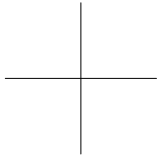
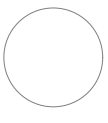
The street tree and public space design of the proposed public roads and parks is intended to reflect the natural vegetation found on the site historically, prior to its transition to farmland. The proposed tree selection balances the need for tree species that will perform well in an urban environment (i.e have suitable form and scale when planted as street trees), and trees that represent the historical ecosystem. The historical ecosystem type of the majority of the site is WF11, which is described as kauri, podocarp (evergreen trees that don’t lose their leaves) and broadleaf (fruit-bearing trees with large flat leaves) forest. We believe some tree species that fit into this ecosystem are appropriate to be used as street trees on the site and some are not.

With these factors considered, we have proposed a range of species for the road network that we believe are appropriate; and also comply with Auckland Council standards. The Auckland Council urban forest strategy also calls for a diverse range of species to guard against pest and diseases. We believe a diverse range of species has been provided for. These select species will also provide aesthetic beauty and structure, as consistent species are proposed to form avenues of street trees (which aside from the visual amenity and character these trees bring, will enhance wayfinding throughout the neighbourhood and bring a strong sense of place and identity to local streets).

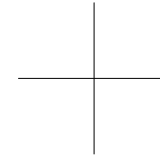
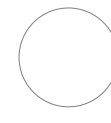
The mature height and width of proposed street trees have been considered, with a hierarchy of mature sizes specified to a correlating hierarchy of road and berm widths. Where possible, broadleaved trees have also been specified in streets that follow gullies, to reflect their natural habitat. A minimum front berm width of 2.2m is provided throughout the site (measured from the road carriageway to the footpath). The proposed berm widths provide sufficient space for medium to large trees to grow, thereby facilitating 12-15% tree canopy closure within the road corridors, in alignment with Auckland Transport’s sustainability requirements and Auckland Councils Urban Ngahere Strategy. A minimum berm with of 2.2m along with the spacing range of 9-20m for street trees on all roads proposed to be vested ensures that each tree has access to at least 10-15m³ of soil to support healthy growth in accordance with the TDM Engineering Design Code for soiling and for planting proposed in road reserves.

Public parks are proposed to be vested to Auckland Council in both Stage 1 and 2. All parks are fronted by roads on at least two sides, whilst remaining edge interfaces with either native revegetation or residential lots (with low fencing proposed on all dwelling lots along the common boundary with a public park). This is to ensure passive surveillance towards the reserve can be observed by residents. Low planting is proposed alongside these interfaces; both to create a vegetative buffer and to delineate private and public areas. Retaining walls adjacent to public parks are avoided where possible, however where retaining is explicitly required it is proposed to be below 1m in height and will be screened by shrub planting.

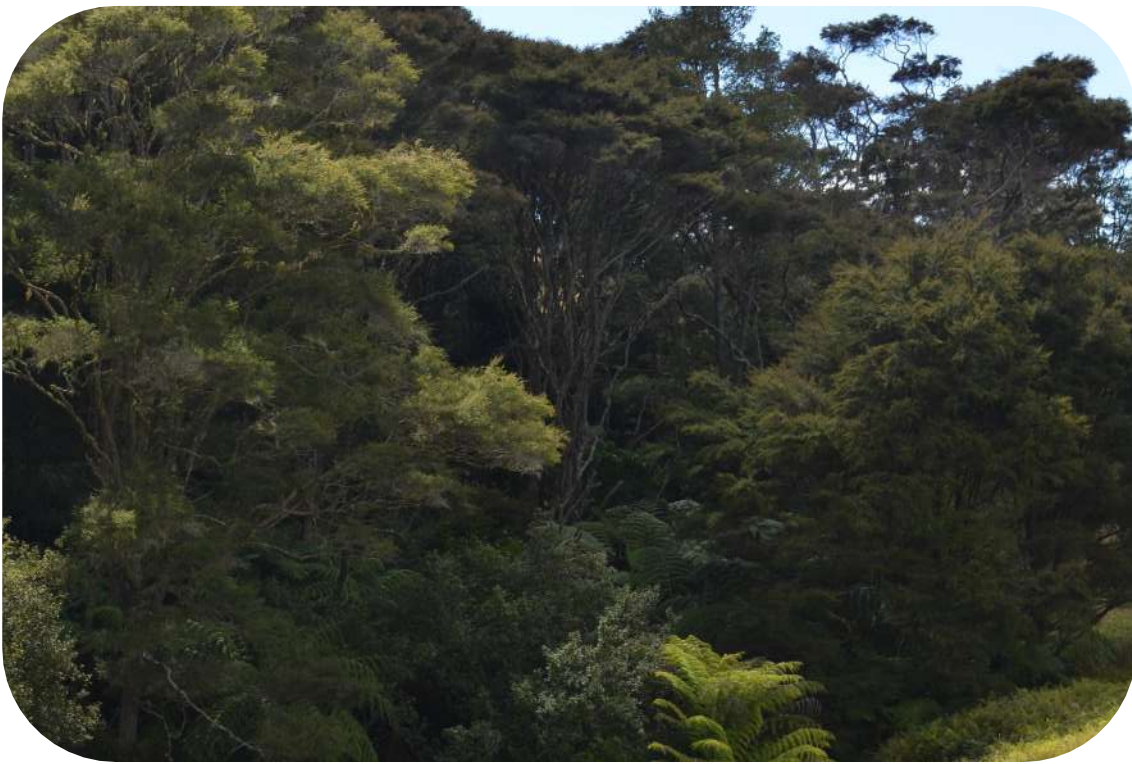
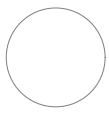
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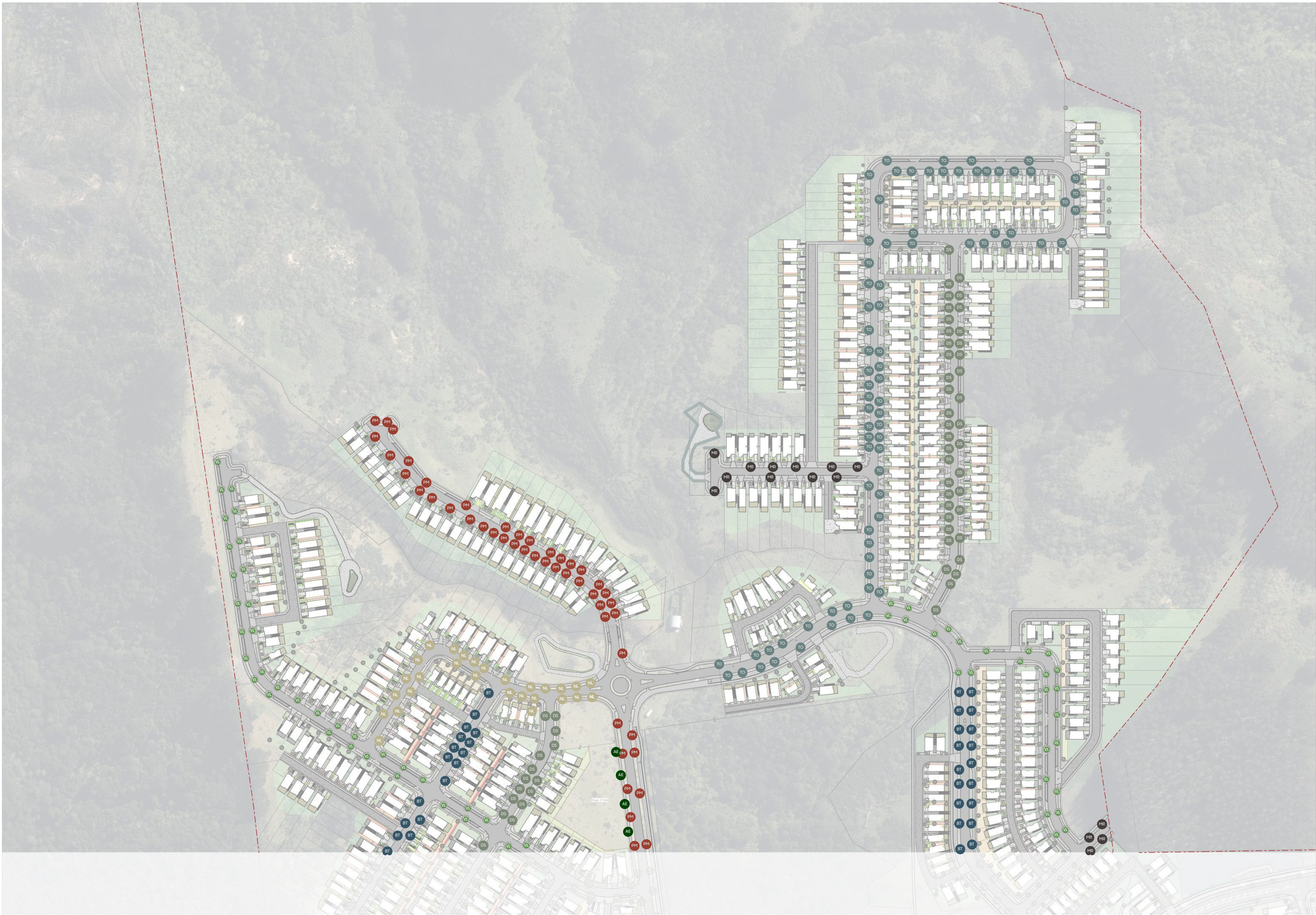


RURAL



COMMUNITY





Code	Botanical Name	Common Name	Grade	Height	Mature	Mature
				5 years	Height	Width
AE	<i>Alectryon excelsus</i>	tītiki	160L	4.0m	6.0m	4.0m
PM	<i>Pōhutukawa 'Maori princess'</i>	pōhutukawa	45L	4.0m	8.0m	6.0m
BT	<i>Beilschmiedia tawa</i>	tawa	45L	4.0m	10m	6.0m
DS	<i>Dysoxylum spectabile</i>	kohekohe	45L	4.0m	10m	4.0m
MR	<i>Melicytus ramiflorus</i>	māhoe	45L	3.0m	10m	4.0m
NL	<i>Nestegis lanceolata</i>	white maire	45L	3.5m	20m	4.0m
TO	<i>Podocarpus totara</i>	tōtara	45L	2.0m	15m	6.0m
VL	<i>Vitex lucens</i>	pūriri	45L	4.0m	20m	6.0m

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



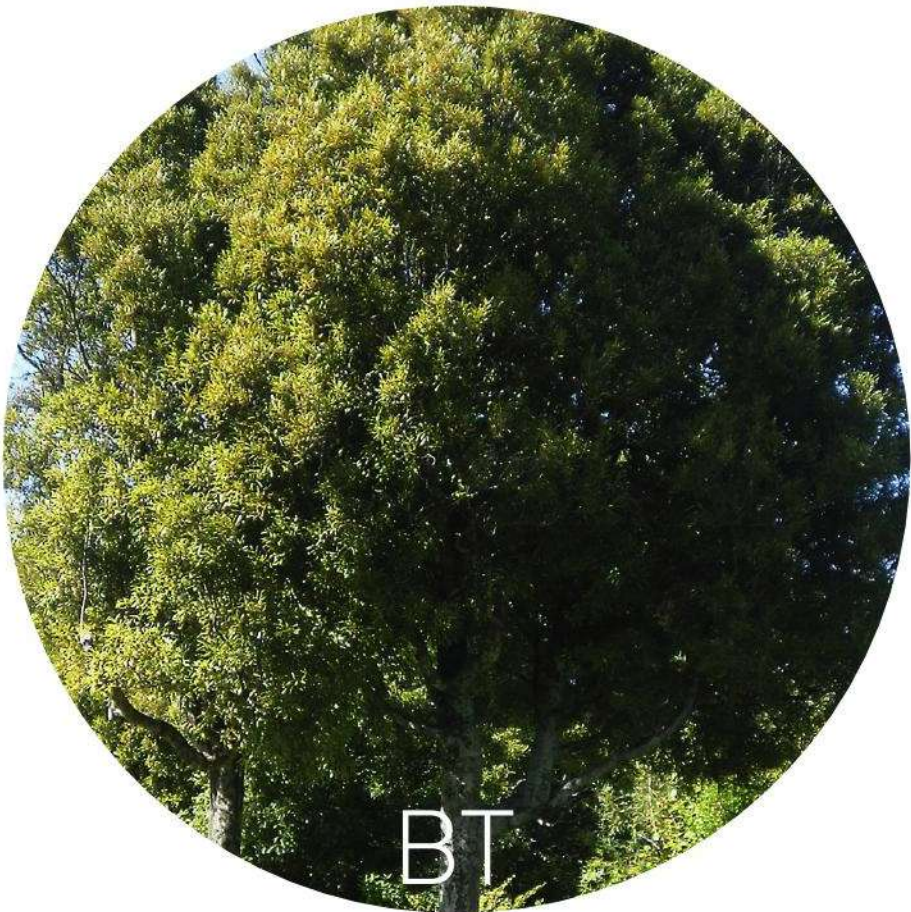
Alectryon excelsus



Pōhutukawa 'Maori princess'



Nestegis lanceolata



Beilschmiedia tawa



Vitex lucens



Podocarpus totara



Dysoxylum spectabile



Melicytus ramiflorus

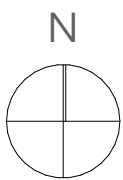


- AE - tītiki
- PM - pōhutukawa
- BT - tawa
- DS - kohekohe
- MR - māhoe
- NL - white maire
- TO - tōtara
- VL - pūriri

Client
Vineway Limited

Project
Delmore - 53A, 53B & 55 Russell Road (Stage 1) and 88, 130 & 132 Upper Ōrewa Road (Stage 2), Wainui, Auckland

Drawing
2535/04 Street Tree Plan 1 (Stage 2)



Scale
1:2000@A1
1:4000@A3

Issue Date
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Code	Botanical Name	Common Name	Grade	Height	Mature	Mature
				5 years	Height	Width
AE	<i>Alectryon excelsus</i>	tītoki	160L	4.0m	6.0m	4.0m
PM	<i>Pōhutukawa 'Maori princess'</i>	pōhutukawa	45L	4.0m	8.0m	6.0m
BT	<i>Beilschmiedia tawa</i>	tawa	45L	4.0m	10m	6.0m
DS	<i>Dysoxylum spectabile</i>	kohekohe	45L	4.0m	10m	4.0m
MR	<i>Melicytus ramiflorus</i>	māhoe	45L	3.0m	10m	4.0m
NL	<i>Nestegis lanceolata</i>	white maire	45L	3.5m	20m	4.0m
TO	<i>Podocarpus totara</i>	tōtara	45L	2.0m	15m	6.0m
VL	<i>Vitex lucens</i>	pūriri	45L	4.0m	20m	6.0m

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

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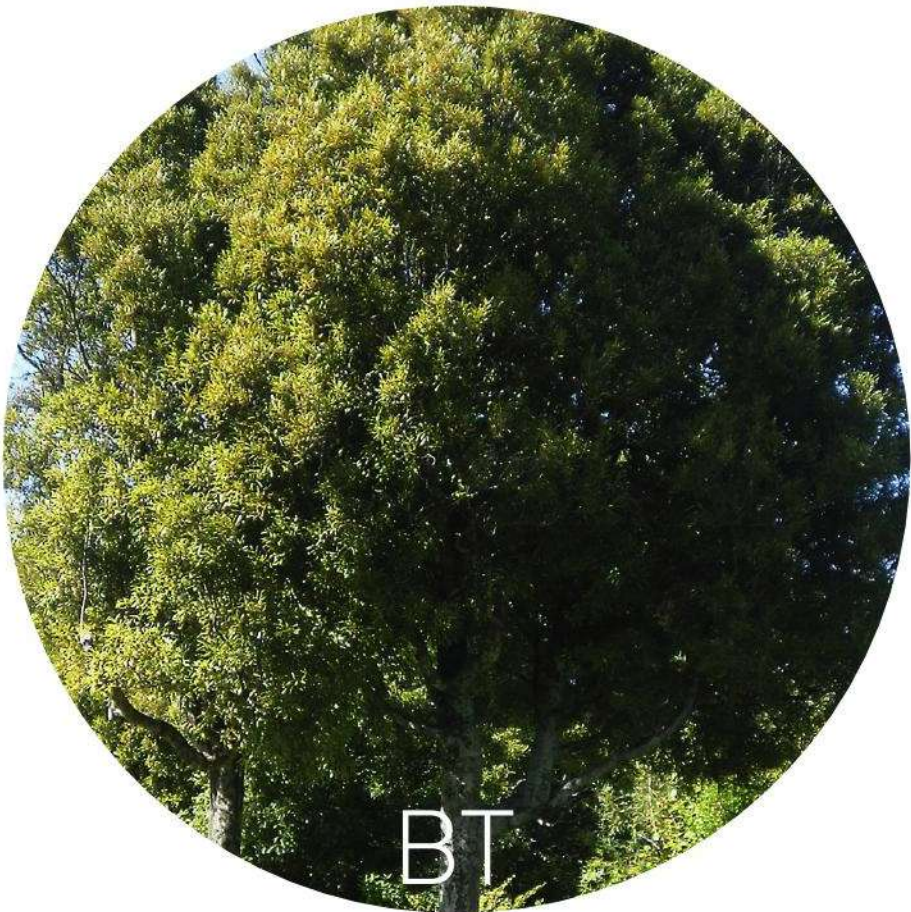
Alectryon excelsus



Pōhutukawa 'Maori princess'



Nestegis lanceolata



Beilschmiedia tawa



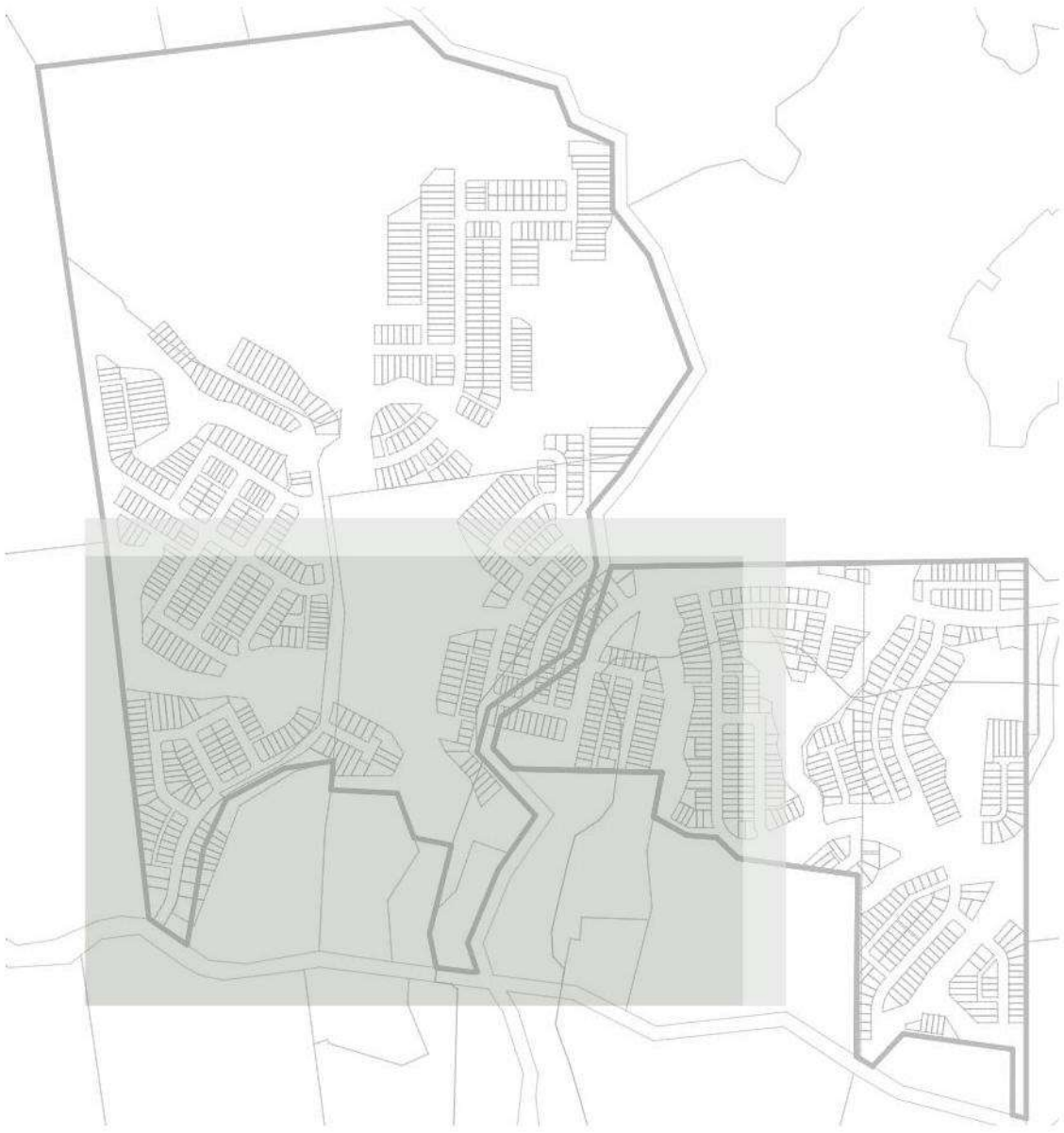
Vitex lucens



Dysoxylum spectabile



Melicytus ramiflorus

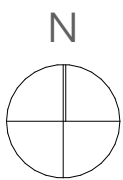


- AE - tītoki
- PM - pōhutukawa
- BT - tawa
- DS - kohekohe
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- TO - tōtara
- VL - pūriri

Client
Vineway Limited

Project
Delmore - 53A, 53B & 55 Russell Road (Stage 1) and 88, 130 & 132 Upper Ōrewa Road (Stage 2), Wainui, Auckland

Drawing
2535/05 Street Tree Plan 2 (Stage 1 & 2)



Scale
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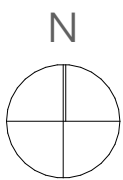


- AE - tītoki
- PM - pōhutukawa
- BT - tawa
- DS - kohekohe
- MR - māhoe
- NL - white maire
- TO - tōtara
- VL - pūriri

Client
Vineway Limited

Project
Delmore - 53A, 53B & 55 Russell Road (Stage 1) and 88, 130 & 132 Upper Ōrewa Road (Stage 2), Wainui, Auckland

Drawing
2535/06 Street Tree Plan 3 (Stage 1)



Scale
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Issue Date
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Issue
RC REV B

Drawn
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Code	Botanical Name	Common Name	Grade	Height	Mature	Mature
				5 years	Height	Width
AE	<i>Alectryon excelsus</i>	tītoki	160L	4.0m	6.0m	4.0m
PM	<i>Pōhutukawa 'Maori princess'</i>	pōhutukawa	45L	4.0m	8.0m	6.0m
BT	<i>Beilschmiedia tawa</i>	tawa	45L	4.0m	10m	6.0m
DS	<i>Dysoxylum spectabile</i>	kohekohe	45L	4.0m	10m	4.0m
MR	<i>Melicytus ramiflorus</i>	māhoe	45L	3.0m	10m	4.0m
NL	<i>Nestegis lanceolata</i>	white maire	45L	3.5m	20m	4.0m
TO	<i>Podocarpus totara</i>	tōtara	45L	2.0m	15m	6.0m
VL	<i>Vitex lucens</i>	pūriri	45L	4.0m	20m	6.0m

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

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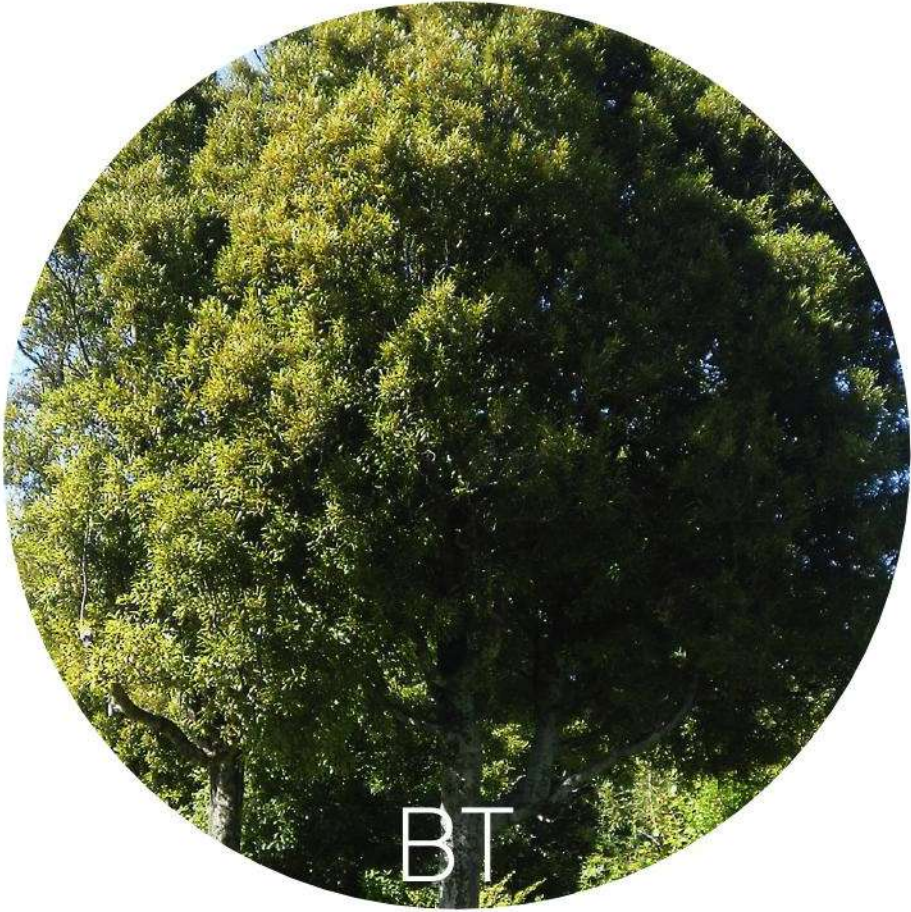
Alectryon excelsus



Pōhutukawa 'Maori princess'



Nestegis lanceolata



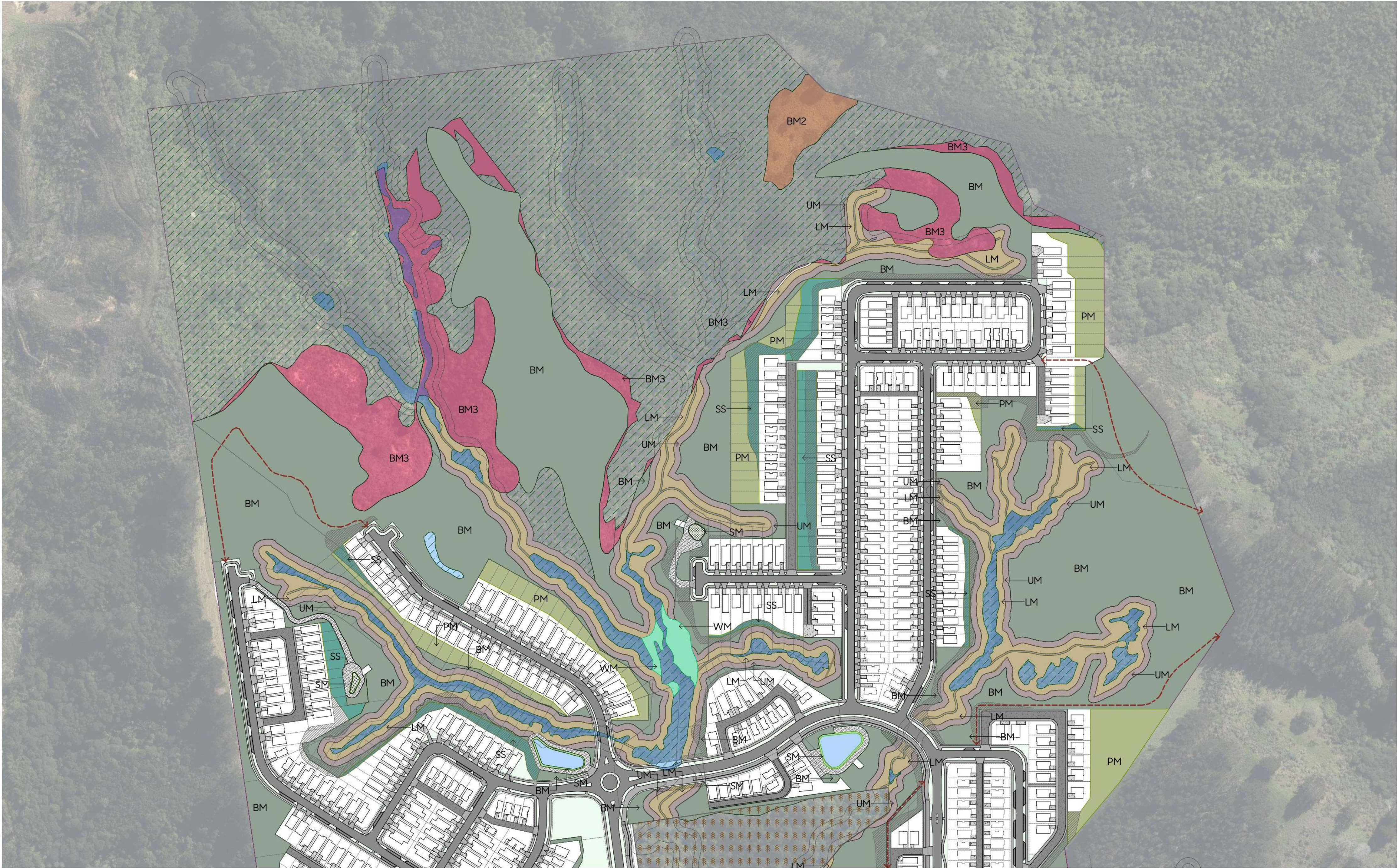
Beilschmiedia tawa



Dysoxylum spectabile



Melicytus ramiflorus



- Significant ecological area within site
- Existing watercourse/streams
- Existing wetlands
- Ecological consent notice areas
- New wetlands (offset planting)
- New consent notice area (offset planting)
- Existing consent notice area (offset planting)
- Additional offset area (offset planting)

- Upper riparian revegetation - Stage 1 Area: 13,620m² / Stage 2 Area: 33,625m²
- Lower riparian revegetation - Stage 1 Area: 14,610m² / Stage 2 Area: 39,690m²
- Revegetation within private lots - Stage 1 Area: 14,190m² / Stage 2 Area: 21,470m²
- Slope stabilisation planting mix - Stage 1 Area: 6,230m² / Stage 2 Area: 15,880m²
- Stormwater pond edge revegetation - Stage 1 Area: 351m² / Stage 2 Area: 506m²
- Wetland revegetation - Stage 1 Area: 2,450m² / Stage 2 Area: 1,335m²
- Stormwater ponds
- Open recreation space
- Native bush revegetation (SEA infill planting) - Stage 1 Area: 3,1620m² / Stage 2 Area: 151,880m²
- Native bush revegetation (SEA infill planting / gorse replacement) - Stage 1 Area: - m² / Stage 2 Area: 151,880m²
- Native bush revegetation - Stage 1 Area: 28,035m² / Stage 2 Area: 151,880m²

Code	Botanical Name	Common Name	Grade	Spacing
BM	Native bush revegetation planting mix*			
BM2	Native bush revegetation planting mix - Planting within SEA*			
BM3	Native bush revegetation planting mix - Gorse Removal & replacement planting within SEA*			
2%	<i>Alectryon excelsus</i>	titoki	2L	1500mm
5%	<i>Alsophila tricolor</i>	silver fern	1L	1500mm
2%	<i>Astelja solandri</i>	kōwharawhara	1L	1500mm
1%	<i>Belschmiedia tawa</i>	tawa	2L	1500mm
5%	<i>Carex banksiana</i>	fine-leaved carex	1L	1500mm
2%	<i>Carex dissita</i>	forest sedge	1L	1500mm
5%	<i>Coprosma robusta</i>	karamū	1L	1500mm
10%	<i>Cordylina australis</i>	tī kouka	1L	1500mm
2%	<i>Corynocarpus laevigatus</i>	karaka	2L	1500mm
2%	<i>Dacrydium cupressinum</i>	kahikatea	2L	1500mm
2%	<i>Dacrydium cupressinum</i>	rimu	2L	1500mm
2%	<i>Dysoxylum spectabile</i>	kohekohe	2L	1500mm
5%	<i>Griselinia lucida</i>	akapuka	1L	1500mm
1%	<i>Knightia excelsa</i>	rewarewa	2L	1500mm
5%	<i>Kunzea robusta</i>	kanuka	1L	1500mm
5%	<i>Laurelia novae-zelandiae</i>	pukatea	1L	1500mm
10%	<i>Leptospermum scoparium</i>	mānuka	1L	1500mm
5%	<i>Melicytus macrophyllus</i>	large-leaved māhoe	1L	1500mm
2%	<i>Microlaena avenacea</i>	bush rice grass	1L	1500mm
5%	<i>Myrsine australis</i>	red māpou	1L	1500mm
1%	<i>Nestegis lanceolata</i>	white maire	2L	1500mm
2%	<i>Olearia rani</i>	heketara	1L	1500mm
1%	<i>Pectinaplys ferruginea</i>	miro	2L	1500mm
1%	<i>Phyllocladus trichomanoides</i>	tānekaha	2L	1500mm
2%	<i>Pimelea longifolia</i>	long-leaved pimelea	1L	1500mm
5%	<i>Pittosporum tenuifolium</i>	kohukohu	1L	1500mm
1%	<i>Podocarpus totara</i>	tōtara	2L	1500mm
1%	<i>Prumnopitys taxifolia</i>	matal	2L	1500mm
5%	<i>Rhopalostylis sapida</i>	nikau	2L	1500mm
3%	<i>Vitex lucens</i>	pūriri	2L	1500mm
UM	Upper riparian planting mix*			
5%	<i>Alsophila tricolor</i>	silver fern	2L	1000mm
5%	<i>Asplenium oblongifolium</i>	huruhuruwhenua	1L	1000mm
5%	<i>Austroderia fulvida</i>	toetoe	1L	1000mm
5%	<i>Carex banksiana</i>	fine-leaved carex	1L	1000mm
5%	<i>Carex lambertiana</i>	forest sedge	1L	1000mm
5%	<i>Carex virgata</i>	swamp sedge	1L	1000mm
10%	<i>Cordylina australis</i>	tī kouka	2L	1000mm
5%	<i>Dicksonia squarrosa</i>	whēki	2L	1000mm
5%	<i>Juncus edgariae</i>	wiwi	1L	1000mm
5%	<i>Kunzea ericoides</i>	kanuka	1L	1000mm
1%	<i>Laurelia novae-zelandiae</i>	pukatea	2L	1000mm
10%	<i>Leptospermum scoparium</i>	mānuka	1L	1000mm
5%	<i>Leucopogon fasciculatus</i>	mingimīngi	1L	1000mm
5%	<i>Macropiper excelsum</i>	kawakawa	1L	1000mm
1%	<i>Nestegis lanceolata</i>	white maire	2L	1000mm
5%	<i>Pakia pennigera</i>	gully fern	1L	1000mm
8%	<i>Parablechnum novae-zelandiae</i>	kiōkio	1L	1000mm
10%	<i>Rhopalostylis sapida</i>	nikau	2L	1000mm
LM	Lower riparian planting mix*			
30%	<i>Carex geminata</i>	rautahi	1L	1000mm
25%	<i>Carex virgata</i>	swamp sedge	1L	1000mm
30%	<i>Juncus edgariae</i>	wiwi	1L	1000mm
10%	<i>Cordylina australis</i>	tī kouka	2L	1000mm
5%	<i>Laurelia novae-zelandiae</i>	pukatea	2L	1000mm
PM	Lot revegetation planting mix*			
20%	<i>Macropiper excelsum</i>	kawakawa	1L	1000mm
50%	<i>Phormium tenax</i>	harakeke	1L	1000mm
5%	<i>Cordylina australis</i>	tī kouka	2L	1000mm
5%	<i>Rhopalostylis sapida</i>	nikau	2L	1000mm
20%	<i>Coprosma robusta</i>	karamū	1L	1000mm
SS	Slope stabilisation planting mix*			
5%	<i>Cordylina australis</i>	cabbage tree	12	1500mm
10%	<i>Melicope ternata</i>	wharangi	1L	1200mm
10%	<i>Coprosma robusta</i>	karamū	1L	1200mm
10%	<i>Apodasmia similis</i>	oiōi	1L	800mm
15%	<i>Carex flagellifera</i>	Carex flagellifera green	1L	500mm
25%	<i>Phormium 'Emerald Green'</i>	dwarf flax	1L	700mm
10%	<i>Muehlenbeckia axillaris</i>	pohuehue	1L	1000mm
15%	<i>Coprosma acerosa</i>	hawera	1L	1000mm
SM	Stormwater pond edge planting mix*			
25%	<i>Apodasmia similis</i>	oiōi	1L	1000mm
25%	<i>Austroderia fulvida</i>	toetoe	1L	1000mm
25%	<i>Juncus edgariae</i>	wiwi	1L	1000mm
25%	<i>Phormium tenax</i>	harakeke	1L	1000mm
WM	Wetland planting mix*			
15%	<i>Machaerina articulata</i>	jointed twig rush	1L	1000mm
15%	<i>Carex secta</i>	pūrel	1L	1000mm
15%	<i>Schoenoplectus tabernaemontani</i>	kuawa	1L	1000mm
10%	<i>Eleocharis sphacelata</i>	kuta	1L	1000mm
15%	<i>Cyperus ustulatus</i>	giant umbrella sedge	1L	1000mm
10%	<i>Carex geminata</i>	rautahi	1L	1000mm
10%	<i>Carex virgata</i>	swamp sedge	1L	1000mm
10%	<i>Eleocharis acuta</i>	sharp spike sedge	1L	1000mm

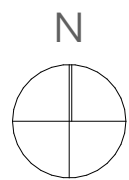
Notes: *Except tree species, planting mixes to be planted in species groups of 3 min. for small garden (<9m²) and 5 min. for larger gardens (>9m²)

- All plant species to be eco sourced from local nurseries
- Plant selection is based on achieving target ecosystem type WF1.1
- 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
- Lower riparian planting mix to be planted within the first 5 m from the stream
- All existing native bush to remain

Client
Vineway Limited

Project
Delmore - 53A, 53B & 55 Russell Road (Stage 1) and 88, 130 & 132 Upper Ōrewa Road (Stage 2), Wainui, Auckland

Drawing
2535/07 Revegetation Plan 1 (Stage 2)

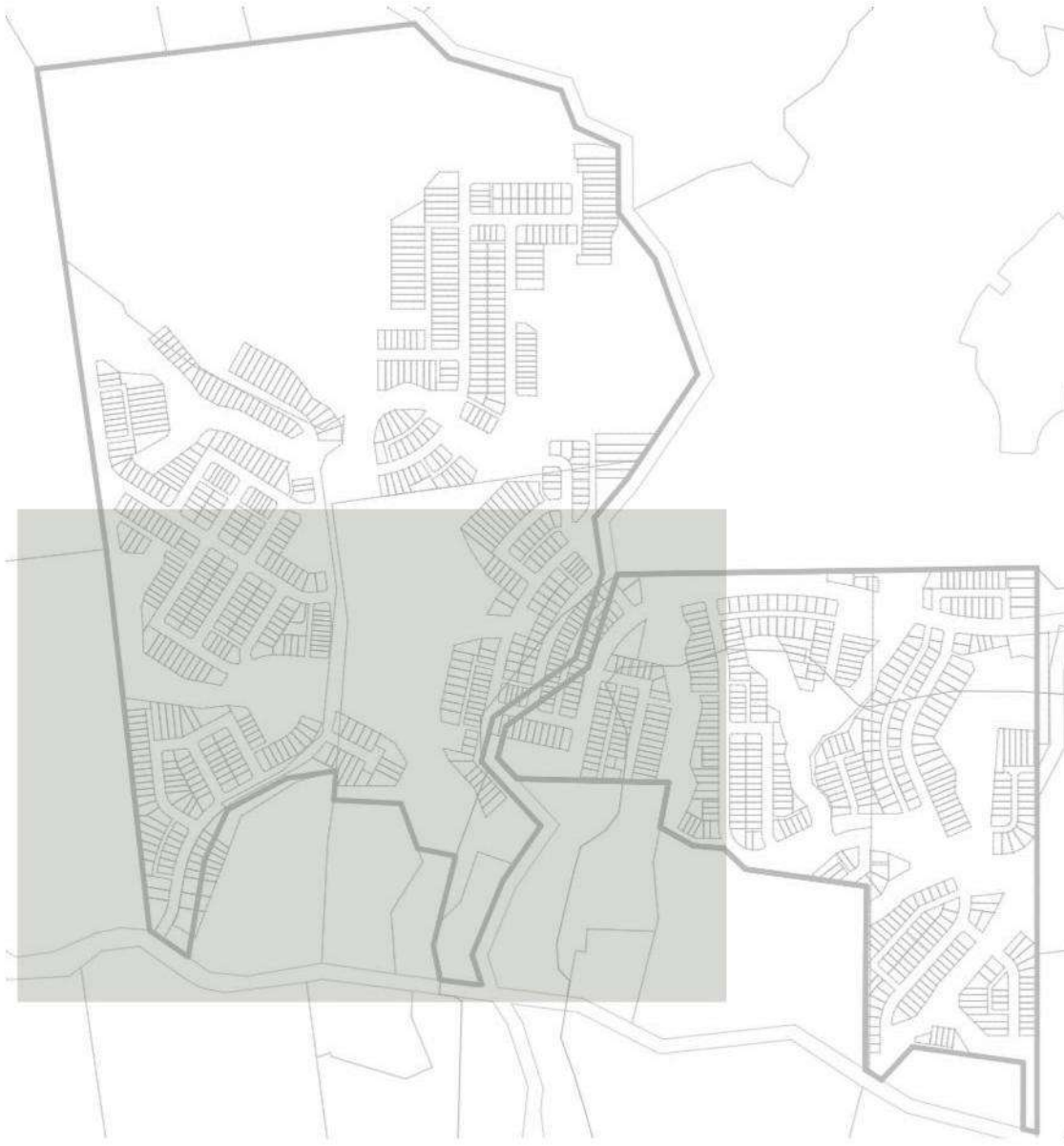


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- Significant ecological area within site
- Existing watercourse/streams
- Existing wetlands
- Ecological consent notice areas
- New wetlands (offset planting)
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- Existing consent notice area (offset planting)
- Additional offset area (offset planting)

- Upper riparian revegetation - Stage 1 Area: 13,620m² / Stage 2 Area: 33,625m²
- Lower riparian revegetation - Stage 1 Area: 14,610m² / Stage 2 Area: 39,690m²
- Revegetation within private lots - Stage 1 Area: 14,190m² / Stage 2 Area: 21,470m²
- Slope stabilisation planting mix - Stage 1 Area: 6,230m² / Stage 2 Area: 15,880m²
- Stormwater pond edge revegetation - Stage 1 Area: 351m² / Stage 2 Area: 506m²
- Wetland revegetation - Stage 1 Area: 2,450m² / Stage 2 Area: 1,335m²
- Stormwater ponds
- Open recreation space
- Native bush revegetation (SEA infill planting) - Stage 1 Area: 3,1620m² / Stage 2 Area: 151,880m²
- Native bush revegetation (SEA infill planting / gorse replacement) - Stage 1 Area: - m² / Stage 2 Area: 151,880m²
- Native bush revegetation - Stage 1 Area: 28,035m² / Stage 2 Area: 151,880m²

Code	Botanical Name	Common Name	Grade	Spacing
BM	Native bush revegetation planting mix*			
BM2	Native bush revegetation planting mix - Planting within SEA*			
BM3	Native bush revegetation planting mix - Gorse Removal & replacement planting within SEA*			
2%	<i>Alectryon excelsus</i>	tītiki	2L	1500mm
5%	<i>Alsophila tricolor</i>	silver fern	1L	1500mm
2%	<i>Astelia solandri</i>	kōwharawhara	1L	1500mm
1%	<i>Beltschmedia tawa</i>	tawa	2L	1500mm
5%	<i>Carex banksiana</i>	fine-leaved carex	1L	1500mm
2%	<i>Carex dissita</i>	forest sedge	1L	1500mm
5%	<i>Coprosma robusta</i>	karamū	1L	1500mm
10%	<i>Cordyline australis</i>	tī kouka	1L	1500mm
2%	<i>Carynocarpus laevigatus</i>	karaka	2L	1500mm
2%	<i>Dacrydium cupressinum</i>	kahikatea	2L	1500mm
2%	<i>Dacrydium cupressinum</i>	rimu	2L	1500mm
2%	<i>Dysoxylum spectabile</i>	kohekohe	2L	1500mm
5%	<i>Griselinia lucida</i>	akapuka	1L	1500mm
1%	<i>Knightia excelsa</i>	rewarewa	2L	1500mm
5%	<i>Kunzea robusta</i>	kanuka	1L	1500mm
5%	<i>Laurelia novae-zelandiae</i>	pukatea	1L	1500mm
10%	<i>Leptospermum scoparium</i>	mānuka	1L	1500mm
5%	<i>Melicytus macrophyllus</i>	large-leaved māhoe	1L	1500mm
2%	<i>Microlaena avenacea</i>	bush rice grass	1L	1500mm
5%	<i>Myrsine australis</i>	red māpou	1L	1500mm
1%	<i>Nestegis lanceolata</i>	white maire	2L	1500mm
2%	<i>Olearia rani</i>	heketera	1L	1500mm
1%	<i>Pectinaplys ferruginea</i>	miro	2L	1500mm
1%	<i>Phyllocladus trichomanoides</i>	tānekaha	2L	1500mm
2%	<i>Pimelea longifolia</i>	long-leaved pimelea	1L	1500mm
5%	<i>Pittosporum tenuifolium</i>	kōhukohu	1L	1500mm
1%	<i>Podocarpus totara</i>	totara	2L	1500mm
1%	<i>Prumnopitys taxifolia</i>	matal	2L	1500mm
5%	<i>Rhopalostylis sapida</i>	nikau	2L	1500mm
3%	<i>Vitex lucens</i>	pūriri	2L	1500mm
UM	Upper riparian planting mix*			
5%	<i>Alsophila tricolor</i>	silver fern	2L	1000mm
5%	<i>Asplenium oblongifolium</i>	huruhuruwhenua	1L	1000mm
5%	<i>Austroderia fulvida</i>	toetoe	1L	1000mm
5%	<i>Carex banksiana</i>	fine-leaved carex	1L	1000mm
5%	<i>Carex lambertiana</i>	forest sedge	1L	1000mm
5%	<i>Carex virgata</i>	swamp sedge	1L	1000mm
10%	<i>Cordyline australis</i>	tī kouka	2L	1000mm
5%	<i>Dicksonia squarrosa</i>	whēki	2L	1000mm
5%	<i>Juncus edgariae</i>	wiwi	1L	1000mm
5%	<i>Kunzea ericoides</i>	kanuka	1L	1000mm
1%	<i>Laurelia novae-zelandiae</i>	pukatea	2L	1000mm
10%	<i>Leptospermum scoparium</i>	mānuka	1L	1000mm
5%	<i>Leucopogon fasciculatus</i>	mingimingi	1L	1000mm
5%	<i>Macropiper excelsum</i>	kawakawa	1L	1000mm
1%	<i>Nestegis lanceolata</i>	white maire	2L	1000mm
5%	<i>Pakau pennigera</i>	gully fern	1L	1000mm
8%	<i>Parablechnum novae-zelandiae</i>	kiōio	1L	1000mm
10%	<i>Rhopalostylis sapida</i>	nikau	2L	1000mm
LM	Lower riparian planting mix*			
30%	<i>Carex geminata</i>	rautahi	1L	1000mm
25%	<i>Carex virgata</i>	swamp sedge	1L	1000mm
30%	<i>Juncus edgariae</i>	wiwi	1L	1000mm
10%	<i>Cordyline australis</i>	tī kouka	2L	1000mm
5%	<i>Laurelia novae-zelandiae</i>	pukatea	2L	1000mm
PM	Lot revegetation planting mix*			
20%	<i>Macropiper excelsum</i>	kawakawa	1L	1000mm
50%	<i>Phormium tenax</i>	harakeke	1L	1000mm
5%	<i>Cordyline australis</i>	tī kouka	2L	1000mm
5%	<i>Rhopalostylis sapida</i>	nikau	2L	1000mm
20%	<i>Coprosma robusta</i>	karamū	1L	1000mm
SS	Slope stabilisation planting mix*			
5%	<i>Cordyline australis</i>	cabbage tree	12	1500mm
10%	<i>Melicope ternata</i>	wharangi	1L	1200mm
10%	<i>Coprosma robusta</i>	karamū	1L	1200mm
10%	<i>Apodasmia similis</i>	oiōi	1L	800mm
15%	<i>Carex flagellifera</i>	Carex flagellifera green	1L	500mm
25%	<i>Phormium Emerald Green</i>	dwarf flax	1L	700mm
10%	<i>Muehlenbeckia axillaris</i>	pohuehue	1L	1000mm
15%	<i>Coprosma acerosa</i>	hawera	1L	1000mm
SM	Stormwater pond edge planting mix*			
25%	<i>Apodasmia similis</i>	oiōi	1L	1000mm
25%	<i>Austroderia fulvida</i>	toetoe	1L	1000mm
25%	<i>Juncus edgariae</i>	wiwi	1L	1000mm
25%	<i>Phormium tenax</i>	harakeke	1L	1000mm
WM	Wetland planting mix*			
15%	<i>Machaerina articulata</i>	jointed twig rush	1L	1000mm
15%	<i>Carex secta</i>	pūrei	1L	1000mm
15%	<i>Schoenoplectus tabernaemontani</i>	kuawa	1L	1000mm
10%	<i>Eleocharis sphacelata</i>	kuta	1L	1000mm
15%	<i>Cyperus ustulatus</i>	giant umbrella sedge	1L	1000mm
10%	<i>Carex geminata</i>	rautahi	1L	1000mm
10%	<i>Carex virgata</i>	swamp sedge	1L	1000mm
10%	<i>Eleocharis acuta</i>	sharp spike sedge	1L	1000mm

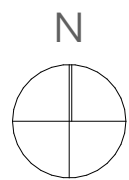
Notes: * Except tree species, planting mixes to be planted in species groups of 3 min. for small garden (<9m²) and 5 min. for larger gardens (>9m²)

- All plant species to be eco sourced from local nurseries
- Plant selection is based on achieving target ecosystem type WF1.1
- 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
- Lower riparian planting mix to be planted within the first 5 m from the stream
- All existing native bush to remain

Client
Vineway Limited

Project
Delmore - 53A, 53B & 55 Russell Road (Stage 1) and 88, 130 & 132 Upper Ōrewa Road (Stage 2), Wainui, Auckland

Drawing
2535/08 Revegetation Plan 2 (Stage 1 & 2)



Scale
1:2000@A1
1:4000@A3

Issue Date
4/06/26
Issue
RC REV B

Drawn
TX/MP
Checked
MB





- Significant ecological area within site
- Existing watercourse/streams
- Existing wetlands
- Ecological consent notice areas
- New wetlands (offset planting)
- New consent notice area (offset planting)
- Existing consent notice area (offset planting)
- Additional offset area (offset planting)

- Upper riparian revegetation - Stage 1 Area: 13,620m² / Stage 2 Area: 33,625m²
- Lower riparian revegetation - Stage 1 Area: 14,610m² / Stage 2 Area: 39,690m²
- Revegetation within private lots - Stage 1 Area: 14,190m² / Stage 2 Area: 21,470m²
- Slope stabilisation planting mix - Stage 1 Area: 6,230m² / Stage 2 Area: 15,880m²
- Stormwater pond edge revegetation - Stage 1 Area: 351m² / Stage 2 Area: 506m²
- Wetland revegetation - Stage 1 Area: 2,450m² / Stage 2 Area: 1,335m²
- Stormwater ponds
- Open recreation space
- Native bush revegetation - Stage 1 Area: 28,035m² / Stage 2 Area: 151,880m²

Code	Botanical Name	Common Name	Grade	Spacing
BM	Native bush revegetation planting mix*			
BM2	Native bush revegetation planting mix - Planting within SEA*			
BM3	Native bush revegetation planting mix - Gorse Removal & replacement planting within SEA*			
2%	<i>Alectryon excelsus</i>	tītiki	2L	1500mm
5%	<i>Alsophila tricolor</i>	silver fern	1L	1500mm
2%	<i>Astelia solandri</i>	kōwharawhara	1L	1500mm
1%	<i>Beltschmiedia tawa</i>	tawa	2L	1500mm
5%	<i>Carex banksiana</i>	fine-leaved carex	1L	1500mm
2%	<i>Carex dissita</i>	forest sedge	1L	1500mm
5%	<i>Coprosma robusta</i>	karamū	1L	1500mm
10%	<i>Cordylina australis</i>	tī kouka	1L	1500mm
2%	<i>Corynocarpus laevigatus</i>	karaka	2L	1500mm
2%	<i>Dacrydium cupressinum</i>	kahikatea	2L	1500mm
2%	<i>Dacrydium cupressinum</i>	rimu	2L	1500mm
2%	<i>Dysoxylum spectabile</i>	kohekohe	2L	1500mm
5%	<i>Griselinia lucida</i>	akapuka	1L	1500mm
1%	<i>Knightia excelsa</i>	rewarewa	2L	1500mm
5%	<i>Kunzea robusta</i>	kanuka	1L	1500mm
5%	<i>Laurelia novae-zelandiae</i>	pukatea	1L	1500mm
10%	<i>Leptospermum scoparium</i>	mānuka	1L	1500mm
5%	<i>Melicytus macrophyllus</i>	large-leaved māhoe	1L	1500mm
2%	<i>Microbaena avenacea</i>	bush rice grass	1L	1500mm
5%	<i>Myrsine australis</i>	red māpou	1L	1500mm
1%	<i>Nestegis lanceolata</i>	white maire	2L	1500mm
2%	<i>Olearia rani</i>	heketaia	1L	1500mm
1%	<i>Pectinaplys ferruginea</i>	miro	2L	1500mm
1%	<i>Phyllocladus trichomanoides</i>	tānekaha	2L	1500mm
2%	<i>Pimelea longifolia</i>	long-leaved pimelea	1L	1500mm
5%	<i>Pittosporum tenuifolium</i>	kōhukohu	1L	1500mm
1%	<i>Podocarpus totara</i>	totara	2L	1500mm
1%	<i>Prumnopitys taxifolia</i>	matali	2L	1500mm
5%	<i>Rhopalostylis sapida</i>	nikau	2L	1500mm
3%	<i>Vitex lucens</i>	pūriri	2L	1500mm
UM	Upper riparian planting mix*			
5%	<i>Alsophila tricolor</i>	silver fern	2L	1000mm
5%	<i>Asplenium oblongifolium</i>	huruhuruwhenua	1L	1000mm
5%	<i>Austroderia fulvida</i>	toetoe	1L	1000mm
5%	<i>Carex banksiana</i>	fine-leaved carex	1L	1000mm
5%	<i>Carex lambertiana</i>	forest sedge	1L	1000mm
5%	<i>Carex virgata</i>	swamp sedge	1L	1000mm
10%	<i>Cordylina australis</i>	tī kouka	2L	1000mm
5%	<i>Dicksonia squarrosa</i>	whēki	2L	1000mm
5%	<i>Juncus edgariae</i>	wiwi	1L	1000mm
5%	<i>Kunzea ericoides</i>	kanuka	1L	1000mm
1%	<i>Laurelia novae-zelandiae</i>	pukatea	2L	1000mm
10%	<i>Leptospermum scoparium</i>	mānuka	1L	1000mm
5%	<i>Leucopogon fasciculatus</i>	mingimingi	1L	1000mm
5%	<i>Macropiper excelsum</i>	kawakawa	1L	1000mm
1%	<i>Nestegis lanceolata</i>	white maire	2L	1000mm
5%	<i>Pakau pennigera</i>	gully fern	1L	1000mm
8%	<i>Parablechnum novae-zelandiae</i>	kiōkio	1L	1000mm
10%	<i>Rhopalostylis sapida</i>	nikau	2L	1000mm
LM	Lower riparian planting mix*			
30%	<i>Carex geminata</i>	rautahi	1L	1000mm
25%	<i>Carex virgata</i>	swamp sedge	1L	1000mm
30%	<i>Juncus edgariae</i>	wiwi	1L	1000mm
10%	<i>Cordylina australis</i>	tī kouka	2L	1000mm
5%	<i>Laurelia novae-zelandiae</i>	pukatea	2L	1000mm
PM	Lot revegetation planting mix*			
20%	<i>Macropiper excelsum</i>	kawakawa	1L	1000mm
50%	<i>Phormium tenax</i>	harakeke	1L	1000mm
5%	<i>Cordylina australis</i>	tī kouka	2L	1000mm
5%	<i>Rhopalostylis sapida</i>	nikau	2L	1000mm
20%	<i>Coprosma robusta</i>	karamū	1L	1000mm
SS	Slope stabilisation planting mix*			
5%	<i>Cordylina australis</i>	cabbage tree	12	1500mm
10%	<i>Melicope ternata</i>	wharangi	1L	1200mm
10%	<i>Coprosma robusta</i>	karamū	1L	1200mm
10%	<i>Apodasmia similis</i>	oiōi	1L	800mm
15%	<i>Carex flagellifera</i>	Carex flagellifera green	1L	500mm
25%	<i>Phormium Emerald Green</i>	dwarf flax	1L	700mm
10%	<i>Muehlenbeckia axillaris</i>	pohuehue	1L	1000mm
15%	<i>Coprosma acerosa</i>	haveria	1L	1000mm
SM	Stormwater pond edge planting mix*			
25%	<i>Apodasmia similis</i>	oiōi	1L	1000mm
25%	<i>Austroderia fulvida</i>	toetoe	1L	1000mm
25%	<i>Juncus edgariae</i>	wiwi	1L	1000mm
25%	<i>Phormium tenax</i>	harakeke	1L	1000mm
WM	Wetland planting mix*			
15%	<i>Machaerina articulata</i>	jointed twig rush	1L	1000mm
15%	<i>Carex secta</i>	pūrel	1L	1000mm
15%	<i>Schoenoplectus tabernaemontani</i>	kuawā	1L	1000mm
10%	<i>Eleocharis sphacelata</i>	kuta	1L	1000mm
15%	<i>Cyperus ustulatus</i>	giant umbrella sedge	1L	1000mm
10%	<i>Carex geminata</i>	rautahi	1L	1000mm
10%	<i>Carex virgata</i>	swamp sedge	1L	1000mm
10%	<i>Eleocharis acuta</i>	sharp spike sedge	1L	1000mm

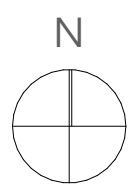
Notes: *Except tree species, planting mixes to be planted in species groups of 3 min. for small garden (<9m²) and 5 min. for larger gardens (>9m²)

- All plant species to be eco sourced from local nurseries
- Plant selection is based on achieving target ecosystem type WF1.1
- 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
- Lower riparian planting mix to be planted within the first 5 m from the stream
- All existing native bush to remain

Client
Vineway Limited

Project
Delmore - 53A, 53B & 55 Russell Road (Stage 1) and 88, 130 & 132 Upper Ōrewa Road (Stage 2), Wainui, Auckland

Drawing
2535/09 Revegetation Plan 3 (Stage 1)



Scale
1:2000@A1
1:4000@A3

Issue Date
4/06/26
Issue
RC REV B

Drawn
TX/MP
Checked
MB



LOWER RIPARIAN PLANTING MIX



Carex geminata



Carex virgata



Juncus edgariae



Cordyline australis



Laurelia novae-zelandiae

UPPER RIPARIAN PLANTING MIX



Alsophila tricolor



Asplenium oblongifolium



Austroderia fulvida



Carex banksiana



Carex lambertiana



Carex virgata



Cordyline australis



Dicksonia squarrosa



Juncus edgariae



Kunzea ericoides



Laurelia novae-zelandiae



Leptospermum scoparium



Leucopogon fasciculatus



Macropiper excelsum



Nestegis lanceolata



Pakau pennigera



Parablechnum novae-zelandiae



Rhopalostylis sapida

STORMWATER POND EDGE PLANTING MIX



Apodasmia similis



Austroderia fulvida



Juncus edgariae



Phormium tenax

NATIVE BUSH REVEGETATION PLANTING MIX



BM

Alsophila tricolor



BM

Microlaena avenacea



BM

Astelia solandri



BM

Carex banksiana



BM

Carex dissita



BM

Cordyline australis



BM

Pimelea longifolia



BM

Alectryon excelsus



BM

Dysoxylum spectabile



BM

Beilschmiedia tawa



BM

Knightia excelsa



BM

Nestegis lanceolata



BM

Podocarpus totara



BM

Vitex lucens



BM

Dacrycarpus dacrydioides



BM

Dacrydium cupressinum



BM

Phyllocladus trichomanoides



BM

Rhopalostylis sapida



BM

Coprosma robusta



BM

Griselinia lucida



BM

Laurelia novae-zelandiae



BM

Melicytus macrophyllus



BM

Myrsine australis



BM

Olearia rani



BM

Pittosporum tenuifolium



BM

Kunzea ericoides



BM

Leptospermum scoparium



BM

Pectinopitys ferruginea



BM

Prumnopitys taxifolia



BM

Corynocarpus laevigatus

WETLAND PLANTING MIX



WM

Machaerina articulata



WM

Carex secta



WM

Schoenoplectus tabernaemontani



WM

Eleocharis sphacelata



WM

Cyperus ustulatus



WM

Carex geminata



WM

Carex virgata



WM

Eleocharis acuta

Client
Vineway Limited

Project
Delmore - 53A, 53B & 55 Russell Road (Stage 1) and 88, 130 & 132 Upper Ōrewa Road (Stage 2), Wainui, Auckland

Drawing
2535/11 Revegetation Plant Palette 2

Issue Date
4/06/26
Issue
RC REV A

Drawn
TX/MP
Checked
MB

