



Tauriko West - Tupenga

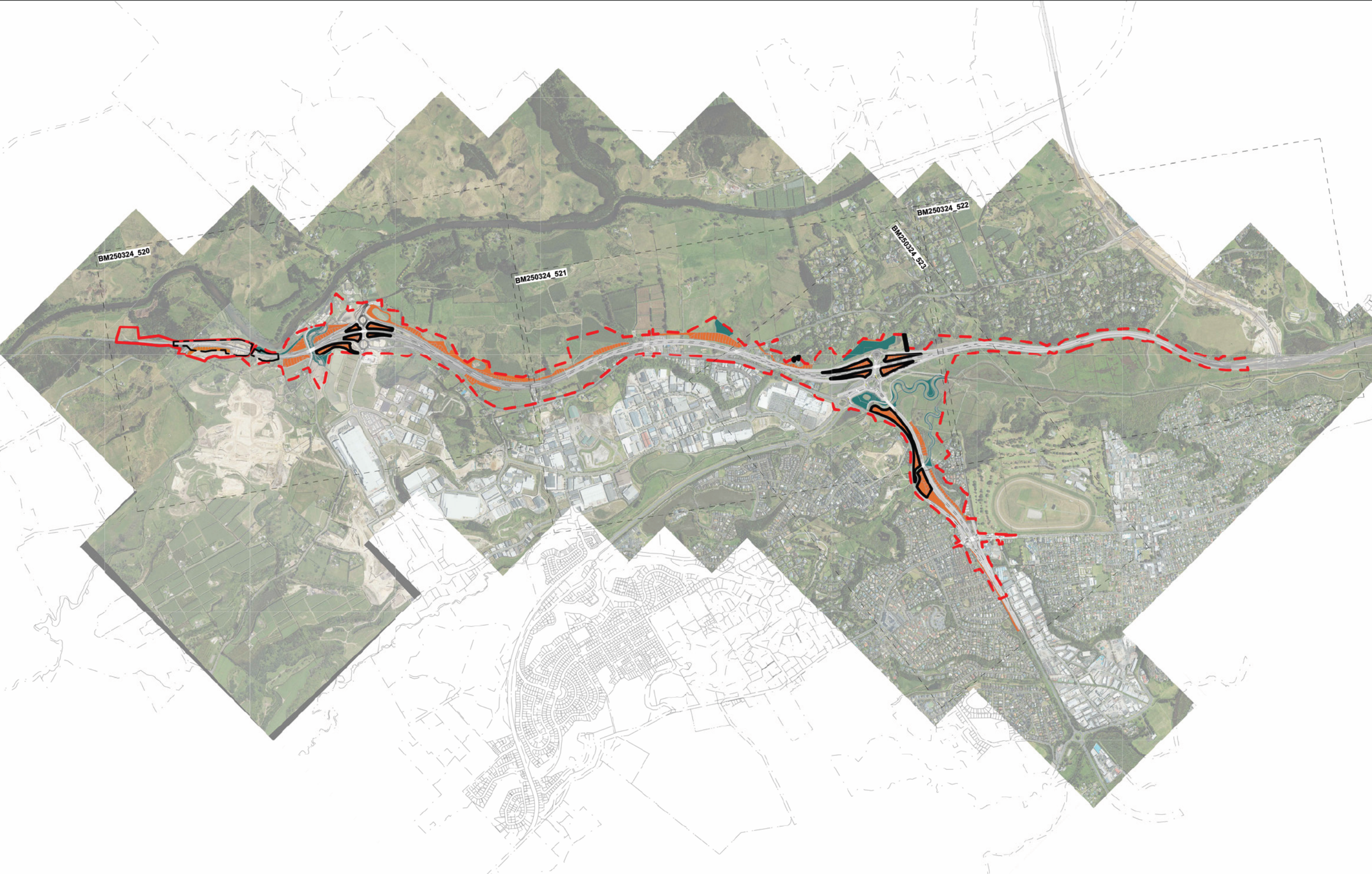
PROJECT NUMBER:	BM250324	INDICATIVE DESIGN
PROJECT ADDRESS:	State Highway 29 (SH29) & 29A (SH29A) SH29: South of Omanawa Road to Takitimu North Link SH29A: To North of Barkes Corner	
CLIENT:	NZ Transport Agency Waka Kotahi	
CLIENT ADDRESS:	s9(2)(a)	
CONSULTANTS:	BBO	

Boffa Miskell		Boffa Miskell Limited Level 5 35 Grey Street Tauranga 3110 New Zealand Tel: +64 7 571 5511 www.boffamiskell.co.nz
REV	DATE	DESCRIPTION
A	29.07.2026	100% Landscape Mitigation Plan

LANDSCAPE MITIGATION PLAN

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KEY

Red dashed line

Designation Boundary

Thin black line

Legal Property Boundaries

Thick black dashed line

Omanawa Bridge Enabling Works Planting Extent

Thick black line

Increased Canopy Tree Species Composition (25%) & Grades (12L - 20L) Extent

0m 125m 250m 500m

REV DATE

A 29.07.2026

DESCRIPTION

100% Landscape Mitigation Plan

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Landscape Mitigation Overview Plan

Design BML

Drawn TMI

Check BCI

Scale 1:12500 @ A1

1:25000 @ A3

Date 27.07.26

REVISION

A

DRAWING NO.

BM250324_500

Autodesk Docs\115H29 Tauriko West Route Protection and Specimen Design\11922-SH29-Multi-UD-MOD-BM-Model-WIP-P1.rvt

Landscape Mitigation Planting Performance Outcomes

The Landscape Mitigation Planting Performance Outcomes reflect the requirements of the Landscape, Visual and Natural Character Assessment to suitably addressing landscape, visual and natural character effects associated with the Project.

Plant species and mixes are indicative and subject to change and refinement in subsequent design stages.

WP – Wetland Planting

- Root-trainer (RT) grade, 0.5L to 1L grade (at 0.5m spacings, 40,000 stems per hectare).

Plant Type Composition

- Up to **100%** of groundcover, low grasses and low shrub species in wetland planting.

SSZ – Slope System Zone Planting

- 1L grade at 1.2m spacings (6,944 stems per hectare).
- In areas where woody debris features are included, plants 1L grade at 1.5m spacings (4,444 stems per hectare).

Plant Type Composition

- **25%** of low ground cover and low shrub species (typically 0.5m – 1.5m in 10-year growth height).
- **60%** Mid-tier shrub species (typically 2.0m – 5.0m in 10-year growth height).
- **15%** canopy tree species (typically 8.0m – 10m in 10-year growth height).

CBZ – Corridor Boundary Zone & KVZ – Kōpūrererua Valley Zone

- 1L grade at 1m spacings (10,000 stems per hectare).

Plant Type Composition

- **25%** of low ground cover and low shrub species (typically 0.5m – 1.5m in 10-year growth height).
- **60%** Mid-tier shrub species (typically 2.0m – 5.0m in 10-year growth height).
- **15%** canopy tree species (typically 8.0m – 10m in 10-year growth height).

Increased Canopy Tree Species Composition & Grades Extent

- Low ground cover, low shrub species, and mid-tier shrub species plants 1L grade at 1m spacings (10,000 stems per hectare).
- Canopy tree species 12L-20L grade at 1m spacings (10,000 stems per hectare).

Plant Type Composition

- **25%** of low ground cover and low shrub species (typically 0.5m – 1.5m in 10-year growth height).
- **50%** Mid-tier shrub species (typically 2.0m – 5.0m in 10-year growth height).
- **25%** canopy tree species (typically 10.0m – 12m in 10-year growth height).

Indicative Visual Mitigation Areas (Refer to Drawings BM250324_520-523)			
Keynote	Area	Assumed Vegetation Type	
VM1	8300 m²	Corridor Boundary Zone Slope System Zone	
VM2	24600 m²	Corridor Boundary Zone Slope System Zone Increased Canopy Tree Species Composition & Grade Extent	
VM3	8900 m²	Corridor Boundary Zone Slope System Zone	
VM4	14900 m²	Corridor Boundary Zone Slope System Zone Increased Canopy Tree Species Composition & Grade Extent	
VM5	62300 m²	Corridor Boundary Zone Slope System Zone	
VM6	11700 m²	Corridor Boundary Zone Slope System Zone	
VM7	25500 m²	Corridor Boundary Zone Slope System Zone	
VM8	7800 m²	Corridor Boundary Zone Slope System Zone	
VM9	900 m²	Existing Planting; or replaced with: Increased Canopy Tree Species Composition & Grade Extent	
VM10	14900 m²	Slope System Zone Increased Canopy Tree Species Composition & Grade Extent	
VM11	13000 m²	Slope System Zone Increased Canopy Tree Species Composition & Grade Extent	
VM12	2700 m²	Corridor Boundary Zone	
VM13	1800 m²	Corridor Boundary Zone Increased Canopy Tree Species Composition & Grade Extent	
VM14	32400 m²	Corridor Boundary Zone Slope System Zone Kōpūrererua Valley Zone Increased Canopy Tree Species Composition & Grade Extent	
VM15	8200 m²	Corridor Boundary Zone Slope System Zone	
VM16	9400 m²	Corridor Boundary Zone Slope System Zone	
VM17	9600 m²	Corridor Boundary Zone Slope System Zone	
VM18	8600 m²	Corridor Boundary Zone	
TOTAL	265400 m²		

Indicative Natural Character Mitigation Areas (Refer to Drawings BM250324_520-523)			
Keynote	Area	Assumed Vegetation Type	
NC1	7400 m²	Corridor Boundary Zone Kōpūrererua Valley Zone Wetland Planting	
NC2	17200 m²	Kōpūrererua Valley Zone	
NC3	8500 m²	Corridor Boundary Zone Slope System Zone Wetland Planting	
NC4	23400 m²	Wetland Planting	
NC5	37900 m²	Kōpūrererua Valley Zone	
NC6	15700 m²	Kōpūrererua Valley Zone	
TOTAL	110000 m²		

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Landscape Mitigation Planting Notes

Design	BML	Scale	Date
Drawn	TMi	Not to Scale	27.07.26
Check	BCI		

INDICATIVE DESIGN

DRAWING NO. REVISION

BM250324_510

A

INDICATIVE LANDSCAPE MITIGATION PLANTING SCHEDULE

WP - WETLAND PLANTING

Apodasmia similis / Oioi
Austroderia toetoe / New Zealand Toetoe
Bolboschoenus fluviatilis / River Bulrush
Carex lessoniana / Rautahi
Carex secta / Pūkio
Carex virgata / Swamp Sedge
Coprosma propinqua / Mingimingi
Coprosma tenuicaulis / Swamp Coprosma
Cordyline australis / Tī Kōuka
Cyperus ustulatus / Giant Umbrella Sedge
Eleocharis sphacelata / Spike Rush
Juncus pallidus / Hammer's Rush
Machaerina articulata / Jointed Twigrush
Phormium tenax / Harakeke
Schoenoplectus tabernaemontani / Softstem Bulrush

SSZ - SLOPE SYSTEM ZONE

Aristotelia serrata / Makomako
Austroderia fulvida / Toetoe
Brachyglottis repanda / Rangiora
Carex testacea / Orange Sedge
Chionochloa rubra / Red Tussock
Coprosma acerosa 'Hawera' / Hawera Sand Coprosma
Coprosma prostrata / Taupata
Coprosma robusta / Karamu
Cordyline australis / Tī Kōuka
Cyathea medullaris / Mamaku
Dicksonia squarrosa / Whekī
Leptospermum scoparium / Manuka
Melicope ternata / Wharangi
Muehlenbeckia astonii / Tororaro
Muehlenbeckia complexa / Pōhuehue
Myrsine australis / Matipou
Phormium cookianum / Wharaririki
Pittosporum eugenioides / Lemonwood
Pittosporum tenuifolium / Kohuhu
Pomaderris kumeraho / Kumarahou
Pseudopanax arboreus / Five Finger
Veronica stricta / Koromiko

CBZ - CORRIDOR BOUNDARY ZONE

Aristotelia serrata / Makomako
Austroderia fulvida / Toetoe
Brachyglottis repanda / Rangiora
Coprosma propinqua / Mingimingi
Coprosma robusta / Karamu
Cordyline australis / Tī Kōuka
Corynocarpus laevigatus / Karaka
Cyathea medullaris / Mamaku
Dicksonia squarrosa / Whekī
Griselinia littoralis / Kapuka
Kunzea ericoides / Kanuka
Leptospermum scoparium / Manuka
Melicope ternata / Wharangi
Myrsine australis / Matipou
Phormium cookianum / Wharaririki
Pittosporum crassifolium / Karo Pittosporum
Pittosporum eugenioides / Lemonwood
Pittosporum tenuifolium / Kohuhu
Plagianthus regius / Ribbonwood
Pomaderris kumeraho / Kumarahou
Pseudopanax arboreus / Five Finger
Veronica stricta / Koromiko

KVZ - KOPURERERJA VALLEY ZONE

Apodasmia similis / Oioi
Austroderia fulvida / Toetoe
Bolboschoenus fluviatilis / River Bulrush
Carex lessoniana / Rautahi
Carex secta / Pūkio
Carex virgata / Swamp Sedge
Coprosma acerosa 'Hawera' / Hawera Sand Coprosma
Coprosma propinqua / Mingimingi
Coprosma robusta / Karamu
Coprosma tenuicaulis / Swamp Coprosma
Cordyline australis / Tī Kōuka
Cyperus ustulatus / Giant Umbrella Sedge
Dacrycarpus dacrydioides / Kahikatea
Eleocharis sphacelata / Spike Rush
Juncus pallidus / Hammer's Rush
Laurelia novae-zelandiae / Pukatea
Leptospermum scoparium / Manuka
Machaerina articulata / Jointed Twigrush
Machaerina rubiginosa / Twigrush
Machaerina tenax / Jointed Twigrush
Phormium tenax / Harakeke
Schoenoplectus tabernaemontani / Softstem Bulrush
Syzygium maire / Swamp Maire

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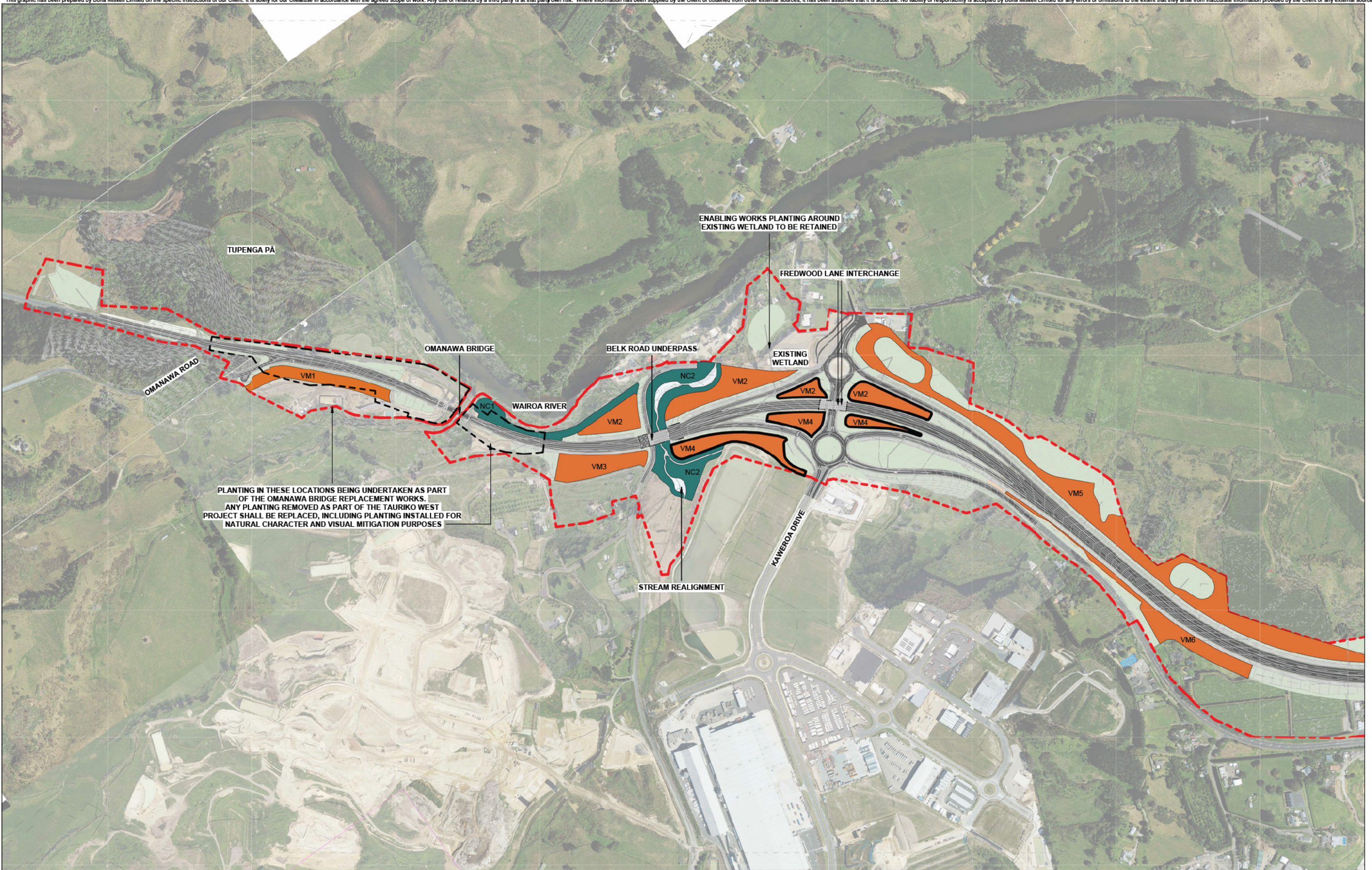
Tauriko West -
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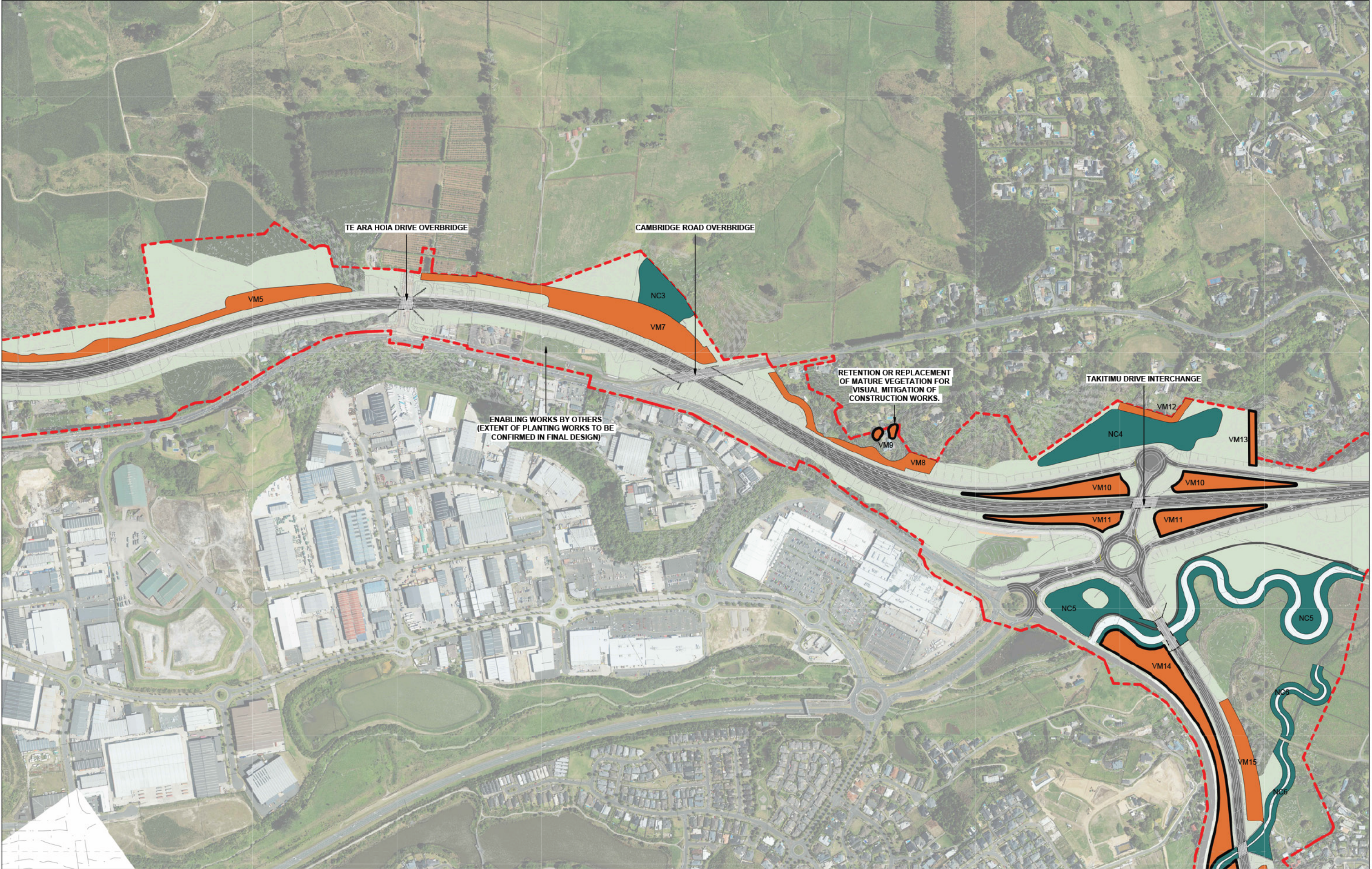
Indicative Landscape Mitigation Planting
Schedule

Design	BML	Scale	Date
Drawn	TMi	Not To Scale	27.07.26
Check	BCI		

INDICATIVE DESIGN

DRAWING NO.	REVISION
BM250324_511	A





ORIGINAL IN COLOUR

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KEY

- Designation Boundary
- Legal Property Boundaries
- Omanawa Bridge Enabling Works Planting Extent
- Increased Canopy Tree Species Composition (25%) & Grades (12L - 20L) Extent
- Visual Mitigation Planting
- Natural Character Mitigation Planting
- NZTA Standard Landscape Treatment

REV DATE DESCRIPTION

A 29.07.2026 100% Landscape Mitigation Plan

Scale: 1:3750 @ A1, 1:7500 @ A3

Scale bar: 0m, 37.5m, 75m, 150m

APR Tauriko West - Tupenga

Landscape Mitigation Plan Sheet 02

INDICATIVE DESIGN

DRAWING NO. BM250324_521

REVISION A

Autodesk Docs/SH29 Tauriko West Route Protection and Specimen Design/11922-SH29-Multi-UD-MOD-BM-Model-WIP-P1.rvt



ORIGINAL IN COLOUR

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KEY

- Red dashed line: Designation Boundary
- Thin grey line: Legal Property Boundaries
- Thick dashed line: Omanawa Bridge Enabling Works Planting Extent
- Thick solid line: Increased Canopy Tree Species Composition (25%) & Grades (12L - 20L) Extent
- Orange rectangle: Visual Mitigation Planting
- Teal rectangle: Natural Character Mitigation Planting
- Light green rectangle: NZTA Standard Landscape Treatment

REV DATE DESCRIPTION

A 29.07.2026 100% Landscape Mitigation Plan

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Landscape Mitigation Plan Sheet 03

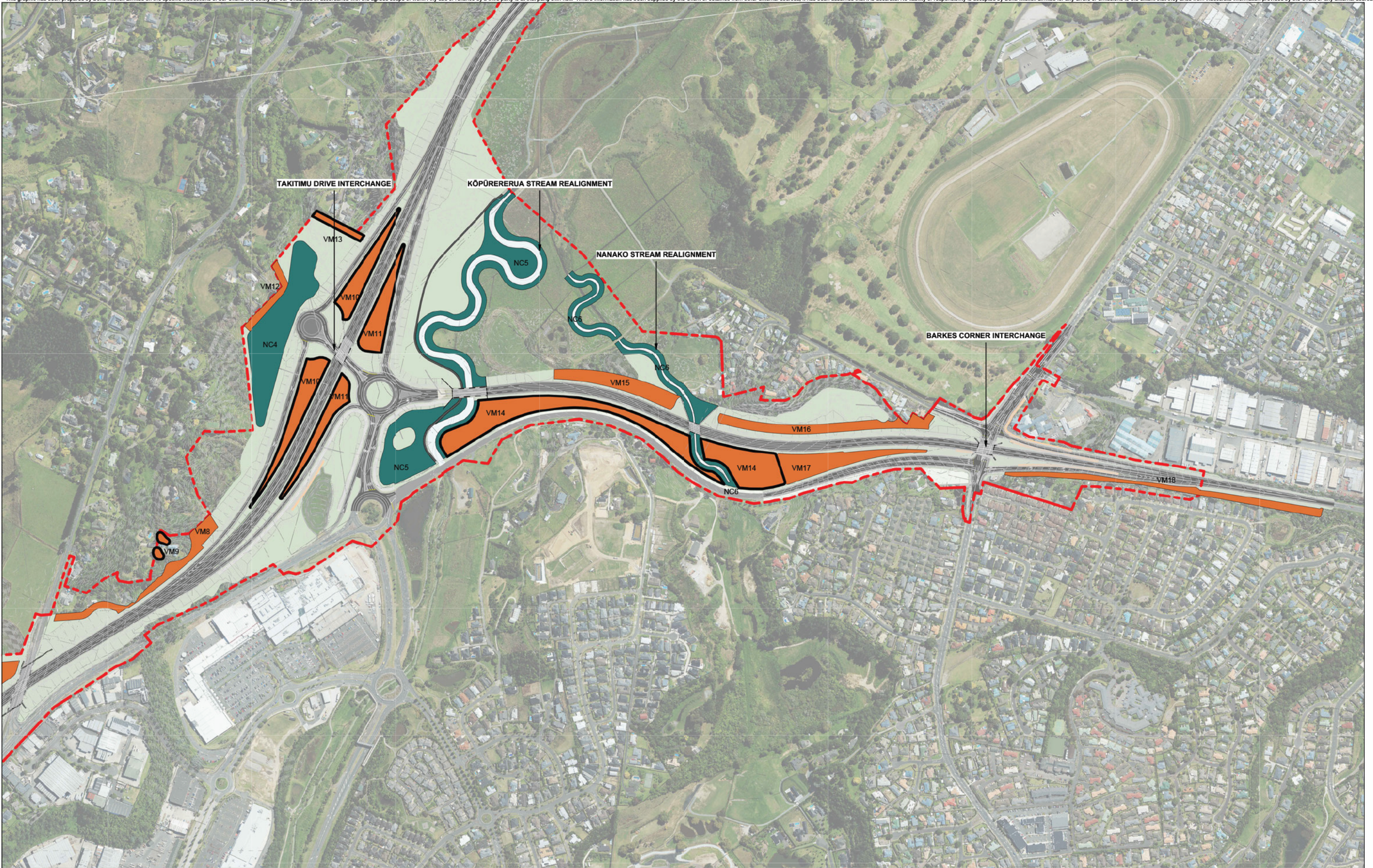
Scale: 1:100 @ A1, 1:200 @ A3

Date: 27.07.26

INDICATIVE DESIGN

DRAWING NO. **BM250324_522** REVISION **(A)**

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ORIGINAL IN COLOUR

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KEY

- Designation Boundary
- Legal Property Boundaries
- Omanawa Bridge Enabling Works Planting Extent
- Increased Canopy Tree Species Composition (25%) & Grades (12L - 20L) Extent
- Visual Mitigation Planting
- Natural Character Mitigation Planting
- NZTA Standard Landscape Treatment

REV DATE DESCRIPTION

A 29.07.2026 100% Landscape Mitigation Plan

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Landscape Mitigation Plan Sheet 04

Scale 1:3750 @ A1 1:7500 @ A3

Date 27.07.26

INDICATIVE DESIGN

DRAWING NO. BM250324_523

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