

Legend.

Stormwater	Stormwater Mitigation				
	Stormwater Attenuation Ponds				
Noise Mitig	ation, Features & Fencing				
	Planted Earth Bund (Noise Mitigation)				
	Vertical Concrete Walls (Noise Mitigation)				
	Naturalised Channel				
	Possible Future Recreation Track				



= = = 2m High Security Fence 1.2m High Post & Wire Fence Proposed Feature Trees

> Tall River Plains Planting (10-15m High) Wetland & Naturalised Channel Planting

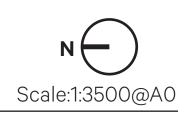


Low River Terrace Planting (1-2m High, dotted with Cabbage Trees) Amenity Planting (Within the Site) Designation Boundary Note: Lighting design to be coordinated

DRAFT AND INDICATIVE SUBJECT TO CONFIRMATION WITH DETAILED DESIGN

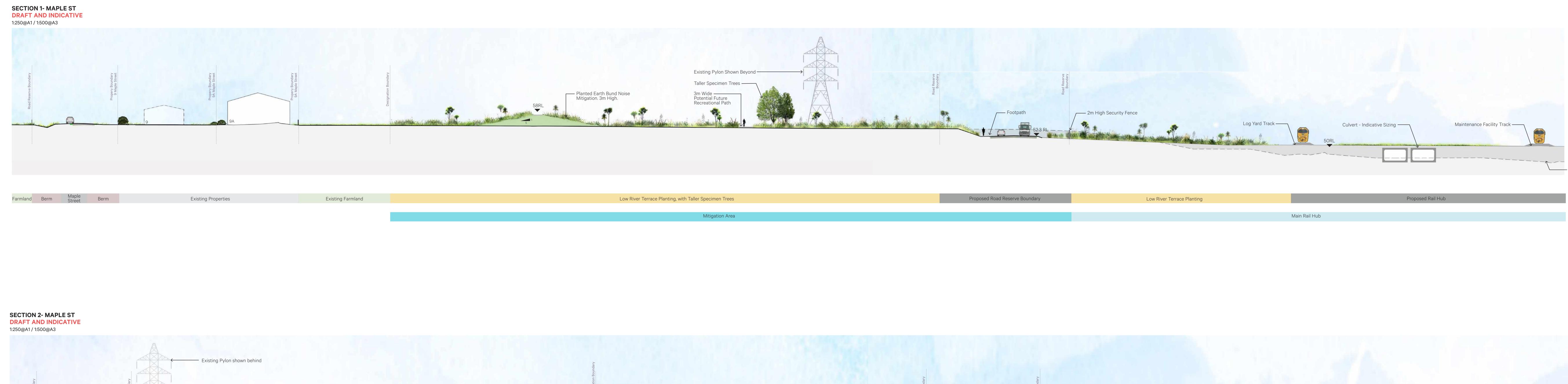
KiwiRail Palmerston North Hub Site. Masterplan. **DRAFT AND INDICATIVE**





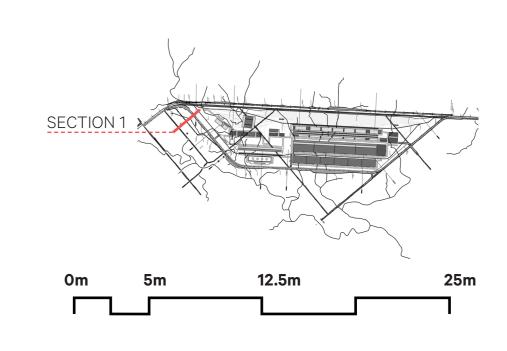
Copyright © Isthmus Group Ltd. Job: 4198

Date: 22 September 2020.

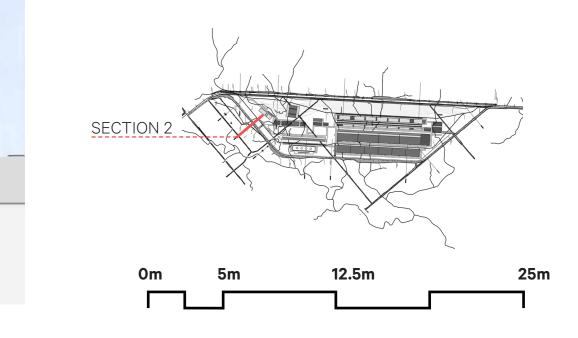




Proposed Road Reserve Boundary	Low River Terrace Planting	Proposed Rail Hub
		Main Rail Hub



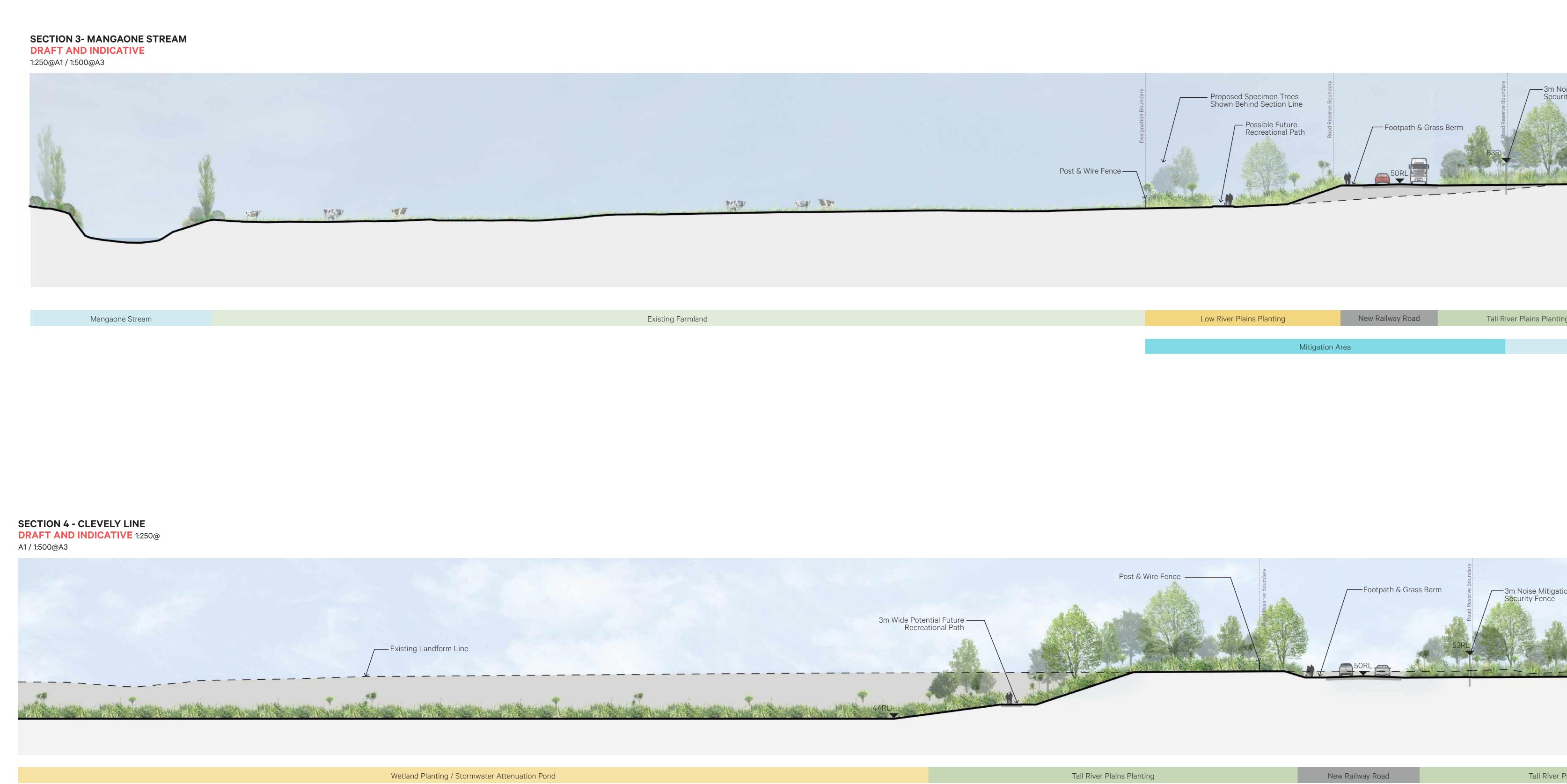
Existing Landform Line



KiwiRail Palmerston North Hub Site. Masterplan Cross Sections. **DRAFT AND INDICATIVE**

Isthmus.

Copyright © Isthmus Group Ltd.	
Job: 4198	Date: September 23, 2020 8:41 am



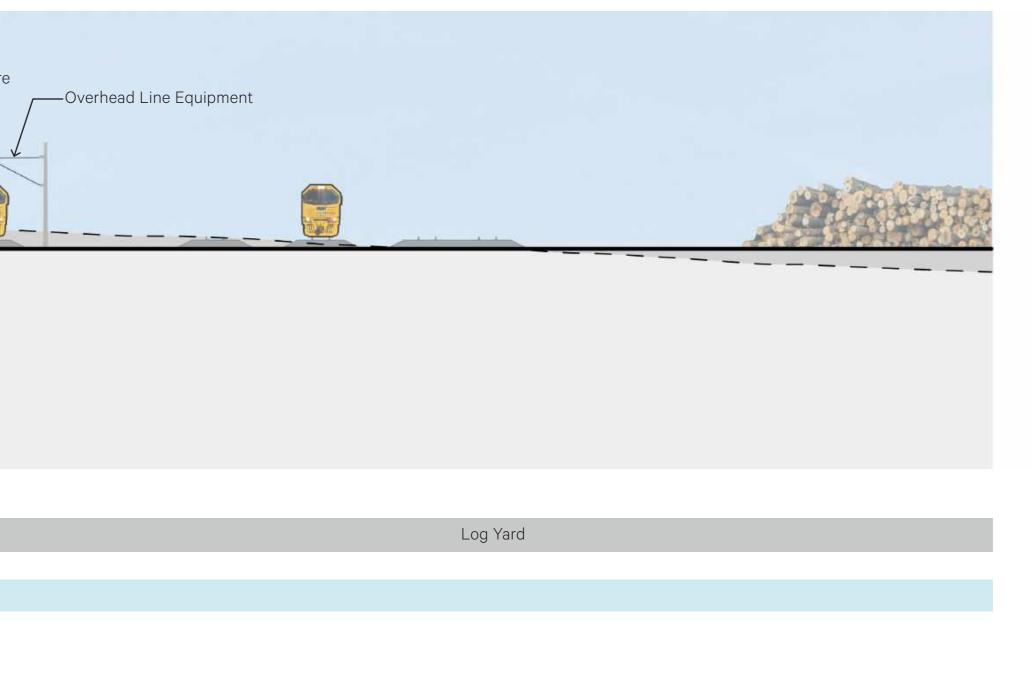
Mitigation Area

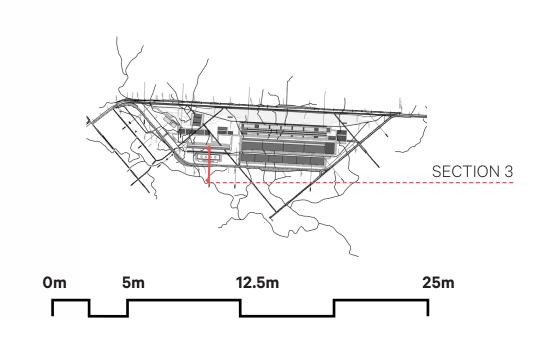
Noise Mitigation Wall &			
Noise Mitigation Wall & curity Fence	Representative Bund for Tank Store ———		Representative Bund for Tank Store
	Existing Landform Line	56RL	
			Log Yard Track

ting	Internal Hub Road	Internal Hub Road		F	uel Storage Tank Area		Internal Hub Road	
						Main Rail Hub		
ation Wall &								
	e i Are							
w with	AL STOR		56RI			Storage Tanks - Indicative Shown Behind Section Line		
	And And And		56RL					
1 CAR	A AVE	6	i i					
Mar Contractor	AND MARY AND COMMENT		F.					
		the second s	the second state of the second	The second second second second second	MAGNET METERS AND	ARTINICAL FINITE CONTRACT ART SHALL WAT TOTALS OF COMPAREMENTS AND		

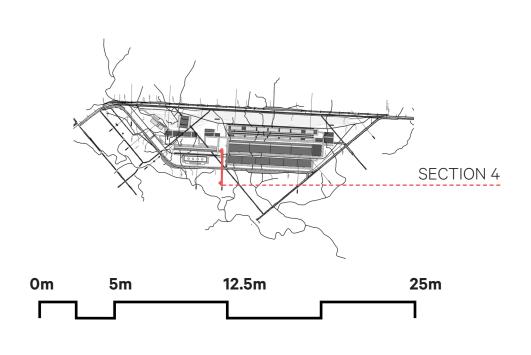
Tall River Plains Planting

Main Rail Hub





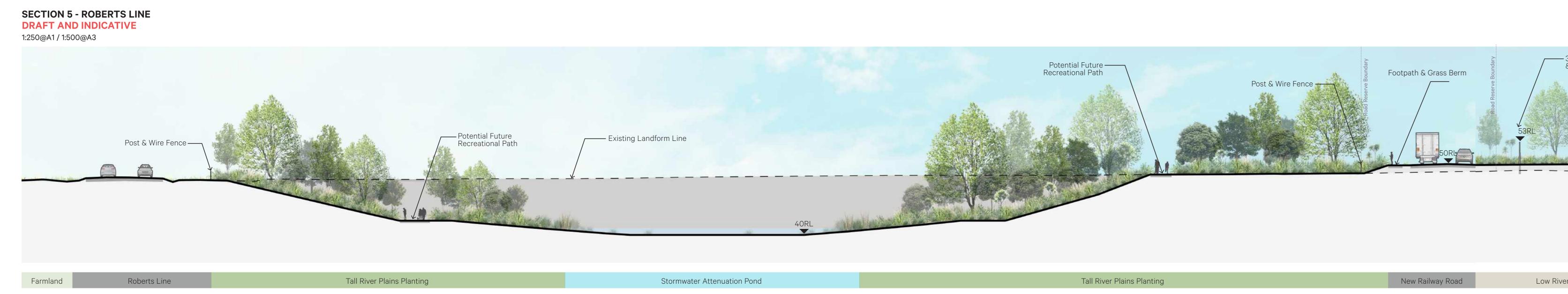




KiwiRail Palmerston North Hub Site. Masterplan Cross Sections. **DRAFT AND INDICATIVE**

Isthmus.

Copyright © Isthmus Group Ltd.	
Job: 4198	Date: September 23, 2020 8:41 am



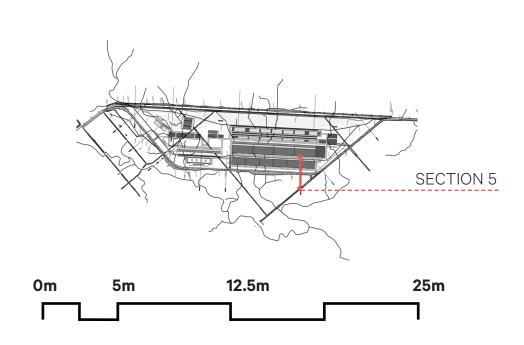
SECTION 6 - ROBERTS LINE DRAFT AND INDICATIVE 1:250@A1 / 1:500@A3

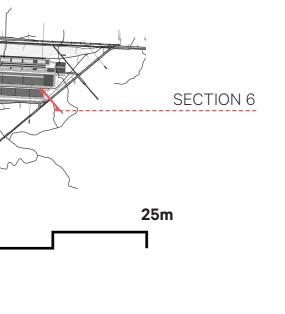


nd		Tall River Plains Planting	New Rail	ilway Road	Low River Terrace Planting	Internal Hub Road	Hard Stand			Proposed	Rail Yard
Mitico	tion Area									Main Dail Llub	
Mitiga	tion Area									Main Rail Hub	
	Post & Wire Fence	Footpath & Grass Berm	Proposed Specimen Trees 3m Noise Mitigation Wall & Sort	Existing Landform Line	61RL Distribution Facility E Shown Behind Section	Building - Indicative on Line			Distribution Facility Track		Om 5m 12.5m
		Roberts Line	Low River Ter	errace Planting		Internal	Hub Road	Hard Stand	Proposed Rail Yard		
			Mitigation Area			Main Rail Hub					

— 3m Noise Mitigation Wall & Security Fence	61RL		Distribution Fa
			¥







KiwiRail Palmerston North Hub Site. Masterplan Cross Sections. **DRAFT AND INDICATIVE**

Isthmus.

Copyright © Isthmus Group Ltd. Job: 4198 Date: September 23, 2020 8:41 am

SECTION 7 - SANGSTERS ROAD DRAFT AND INDICATIVE

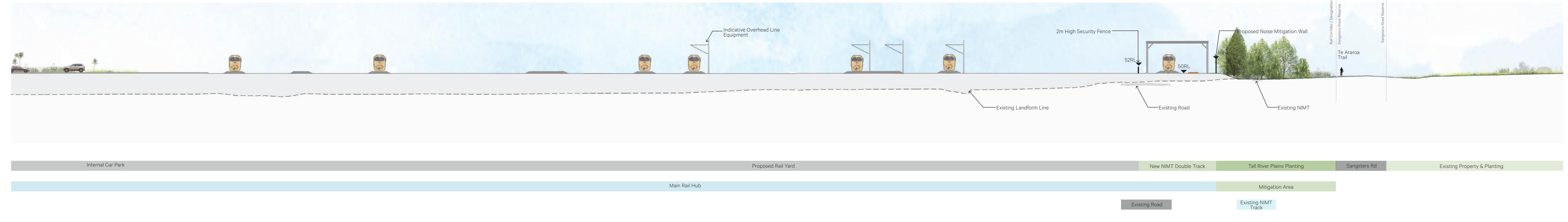


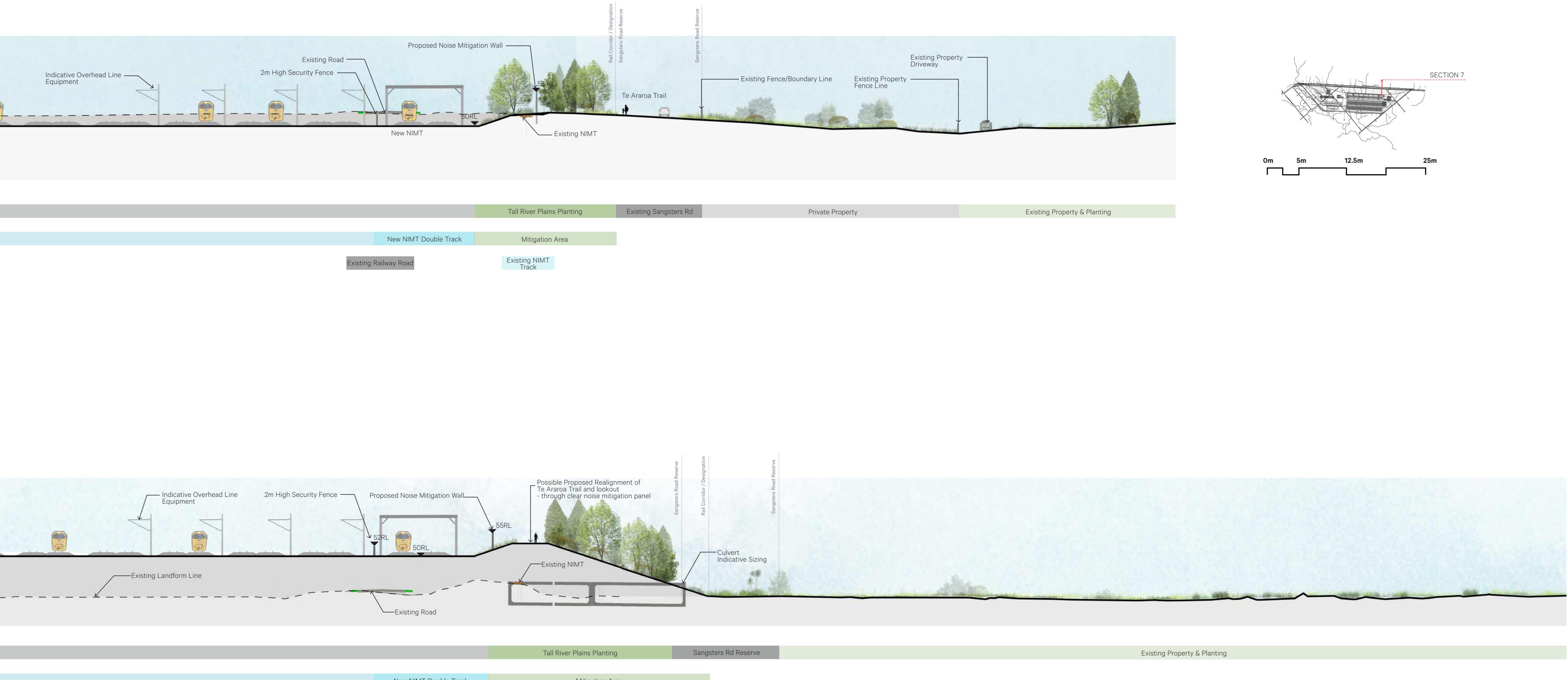
Proposed Rail Yard		Tall River Plains Planting	Existing Sangsters Rd
Main Rail Hub	New NIMT Double Track	Mitigation Area	
	New NIM I Double Track	Mitigation Area	
	Existing Railway Road	Existing NIMT Track	

SECTION 8 - SANGSTERS ROAD DRAFT AND INDICATIVE 1:250@A1 / 1:500@A3

Indicative Containers			
			Proposed Rail Yard
		Main Rail Hub	

SECTION 9 - SANGSTERS ROAD DRAFT AND INDICATIVE 1:250@A1 / 1:500@A3





		run ruvor riums riumung	Gangotoro
	New NIMT Double Track	Mitigation Area	
Exi	isting Road	Existing NIMT Track	

KiwiRail Palmerston North Hub Site. Masterplan Cross Sections. **DRAFT AND INDICATIVE**

Isthmus.

Copyright © Isthmus Group Ltd. Job: 4198 Date: September 23, 2020 8:41 am _____

