

Pare-o-Matangi Reserve

100% Design for Certification

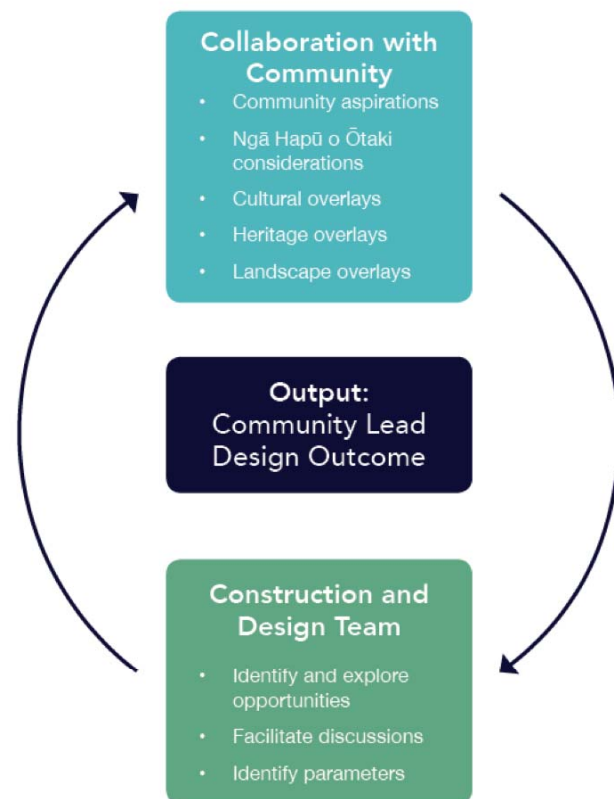
Rev. C 26/10/2018

Pare-o-Matangi Introduction and Link with the LUDP Process

Pare-o-Matangi Reserve is an important open space within Ōtaki, both culturally and in terms of urban design. Through consultation the design of the reserve has been developed through the detailed design process. Planting and landscape treatments have been developed to enhance and support community, Iwi, and Keep Ōtaki Beautiful aspirations.

The LUDP Process

The certified LUDP chapter 7 - Pare-o-Matangi established a set of design principles, objectives and mapped a process to guide the detailed design of the reserve.

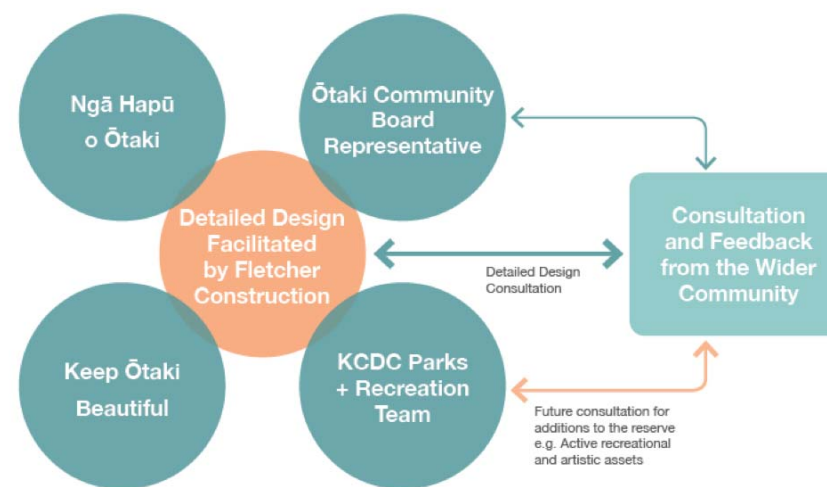


Pare-o-Matangi Design Process

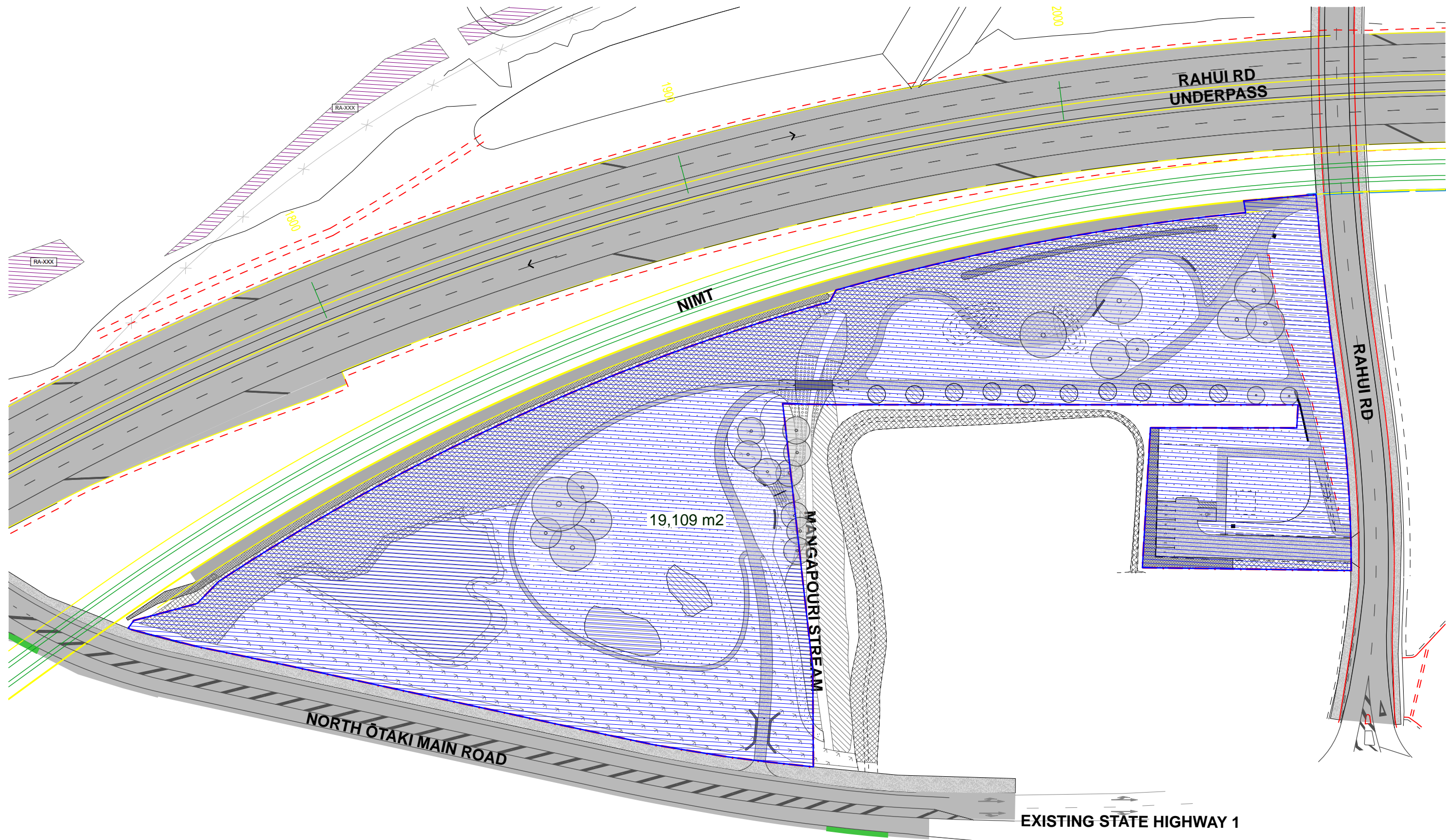
Post LUDP Process

As guided by the consent conditions, the detailed design for Pare-o-Matangi reserve has been undertaken in consultation with Ngā Hapū o Ōtaki, Keep Ōtaki Beautiful and the Kapiti Coast district Council.

The following pack is the culmination of numerous stakeholder workshops. Following these discussions/workshops the design of the reserve went through an iterative process until an agreed outcome was finalised. The final outcome generally accords with guidance, objectives and specific design requirements set out in the LUDP chapter 7 - 'Pare-o-Matangi Reserve' and aspirations of key stakeholders.



Pare-o-Matangi Detailed Design Relationships



NOTE: THIS AREA IS BASED OF THE INDICATIVE BOUNDARY AS SHOWN IN THE PARE-O-MATANGI 100% DESIGN PACK FOR CERTIFICATION (26/10/2018)

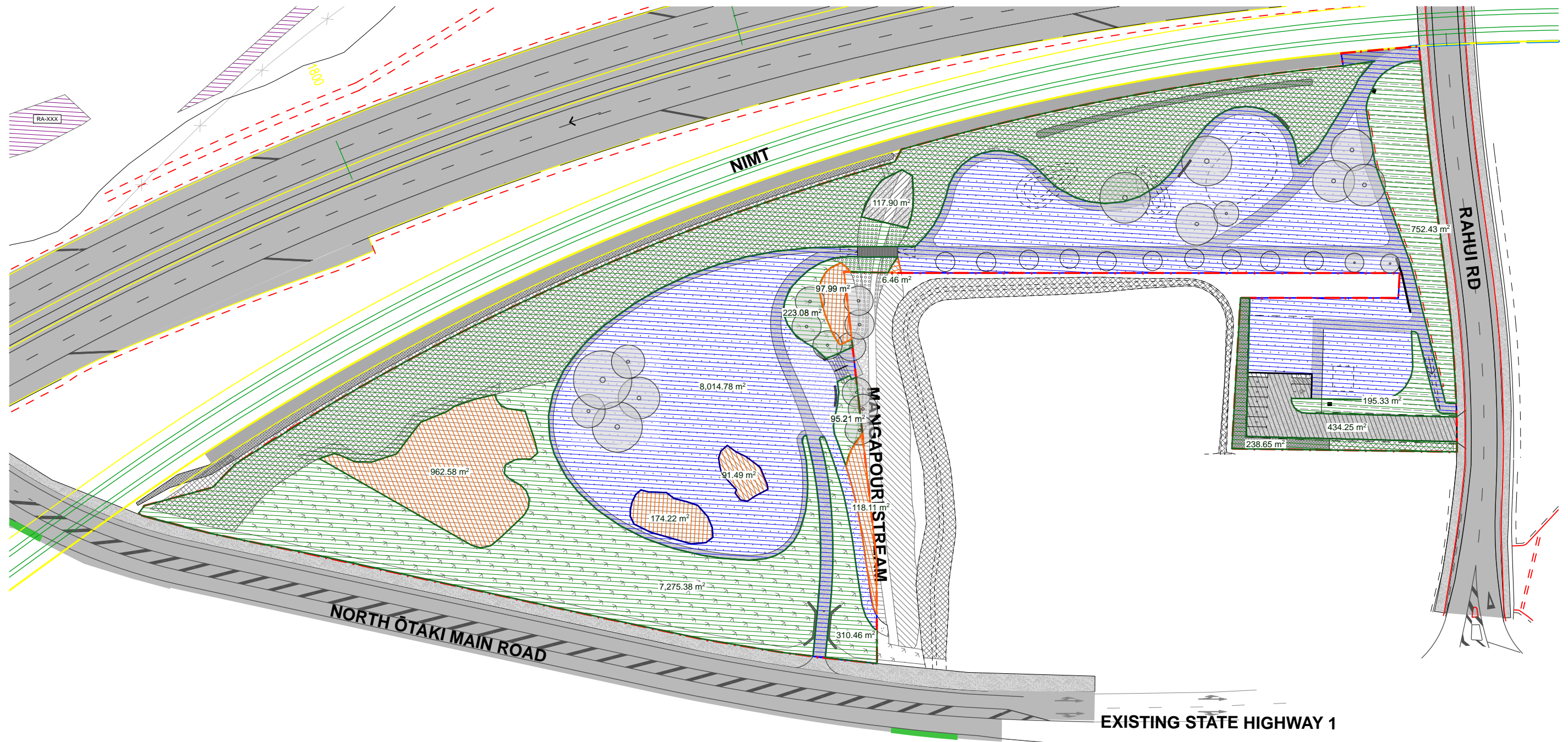
1 Pare-o-Matangi Area Study
Scale 1:1000

No.	Revision	By	Chk	Appd	Date
A	For Information	MB	SD/SH		14/11/18

Scale (A1) SHOWN	Design	Drawn	Checked	Approved For Construction
Scale (A3) AS SHOWN	Design			Date





Subject:	LANDSCAPE	Discipline:	GENERAL
Title:	PARE-O-MATANGI AREA CALCULATION	Drawing No.:	PP20-SK-GN-0310

Rev:	A
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1 Pare-o-Matangi Area Breakdown Study
Scale 1:1000

AREA BREAKDOWN:

	New Planting	9091m ²	0.9091ha
	Existing Vegetation Retained	1451m ²	0.1451ha
	Amenity Landscape (Soft and Hardscape)	8015m ²	0.8015ha
	Car Park and Culvert Riprap	552m ²	0.0552ha
Total Area		19,109m ²	1.9109ha

NOTE: THIS AREA IS BASED OF THE INDICATIVE BOUNDARY AS SHOWN IN THE PARE-O-MATANGI 100% DESIGN PACK FOR CERTIFICATION (26/10/2018)

No.	Revision	By	Chk	Appd	Date
A	For Information	MB	SD/SH		15/11/18







Subject:	LANDSCAPE	Discipline:	GENERAL
Title:	PARE-O-MATANGI AREA BREAKDOWN CALCULATION	Drawing No.:	PP20-SK-GN-0311
		Rev.:	A



Phase 1 (Delivered by FCC)

- 1** 1.5m Gravelled 'educational walkway' with timber edging
 - 2** New native low level planting
 - 3** Existing Vegetation to be retained
 - 4** New native screen and amenity planting
 - 5** Retained open lawn in passive space
 - 6** Typical shared path entrance: 3m wide asphalt entrance with concrete entrance blocks, green paint, timber edging and bollards including lockable bollards for maintenance access
 - 7** 2.5m Gravelled maintenance access to the stream
 - 8** Lime chip/gravel clearing and concrete steps to access the stream
 - 9** Specimen trees
 - 10** Retained avenue of Pohutakawa
 - 11** 2.5m wide asphalt path w/ timber edging
 - 12** 1.8m wide asphalt scooter track w/ timber edging
 - 13** Earth mounds 0.5m high
 - 14** Raised platform for potential future playground
 - 15** New 3m wide asphalt path
 - 16** New carpark
 - 17** New 2.5m wide timber footbridge
 - 18** New 2.5m wide asphalt entrance path with timber edging
 - 19** Planted motel flood bund
 - 20** Timber bollards
 - 21** Stream riprap to protect from scouring
 - 22** Proposed concrete bench seats
 - 23** Platform for potential future toilet block
- Indicative reserve boundary to be finalised



No.	Revision	By	Chk	Appd	Date
C	100% Design for Certification	MB	SD		18/10/18
B	100% Design for Certification	MB	SD		21/09/18
A	100% Design for Certification	MB	SD		03/06/18

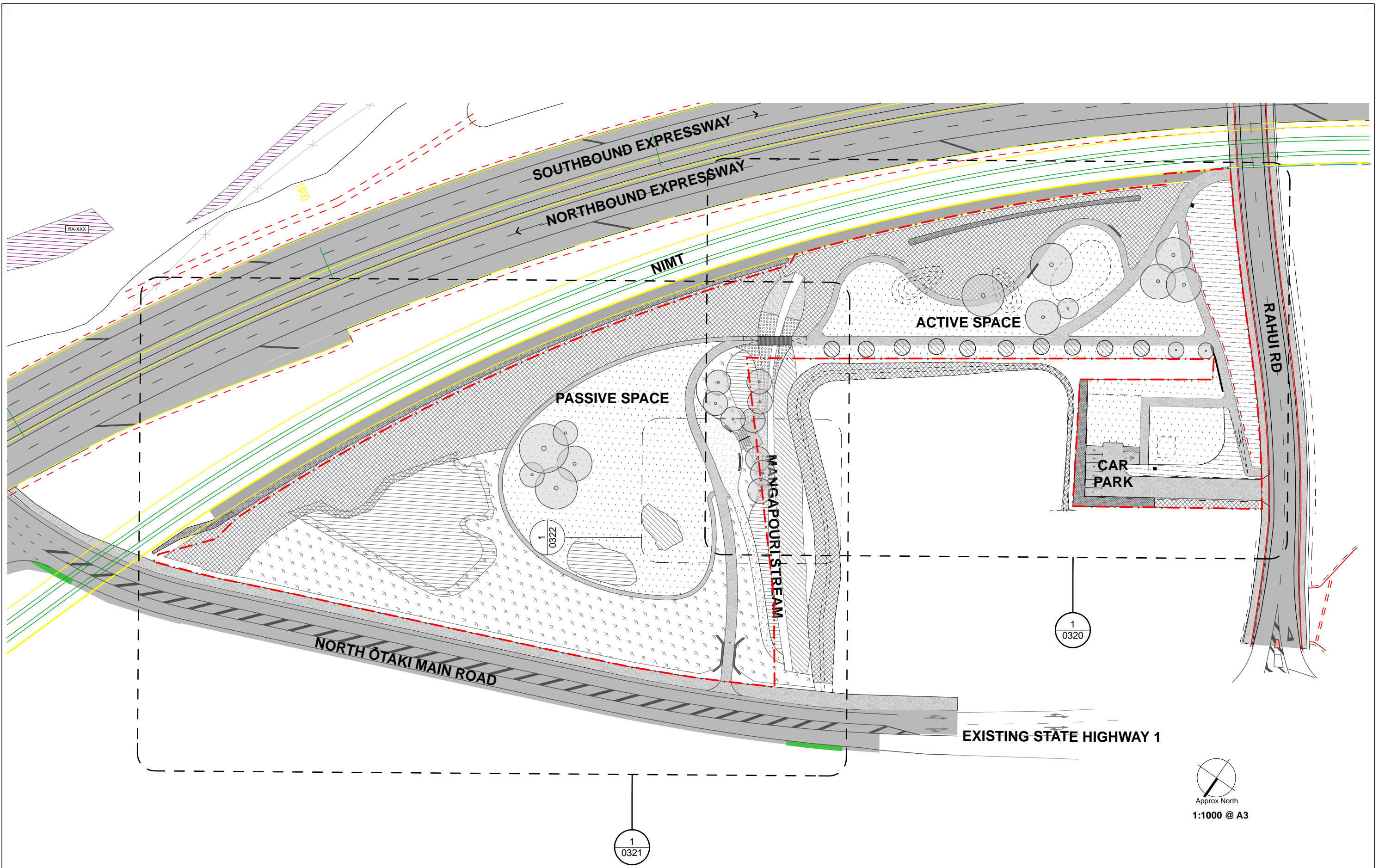
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Peka Peka to Ōtaki Expressway

Subject:	PARE-O-MATANGI LANDSCAPE PLANS
Title:	OVERALL ILLUSTRATIVE PLAN

DEVELOPED DESIGN NOT FOR CONSTRUCTION	
Discipline:	LANDSCAPE
Drawing No.:	PP20-DR-LA-0303
Rev.:	C



Approx North
1:1000 @ A3

No.	Revision	By	Chk	Appd	Date
C	100% Design for Certification	MB	SD		18/10/18
B	100% Design for Certification	MB	SD		21/09/18
A	100% Design for Certification	MB	SD		03/06/18

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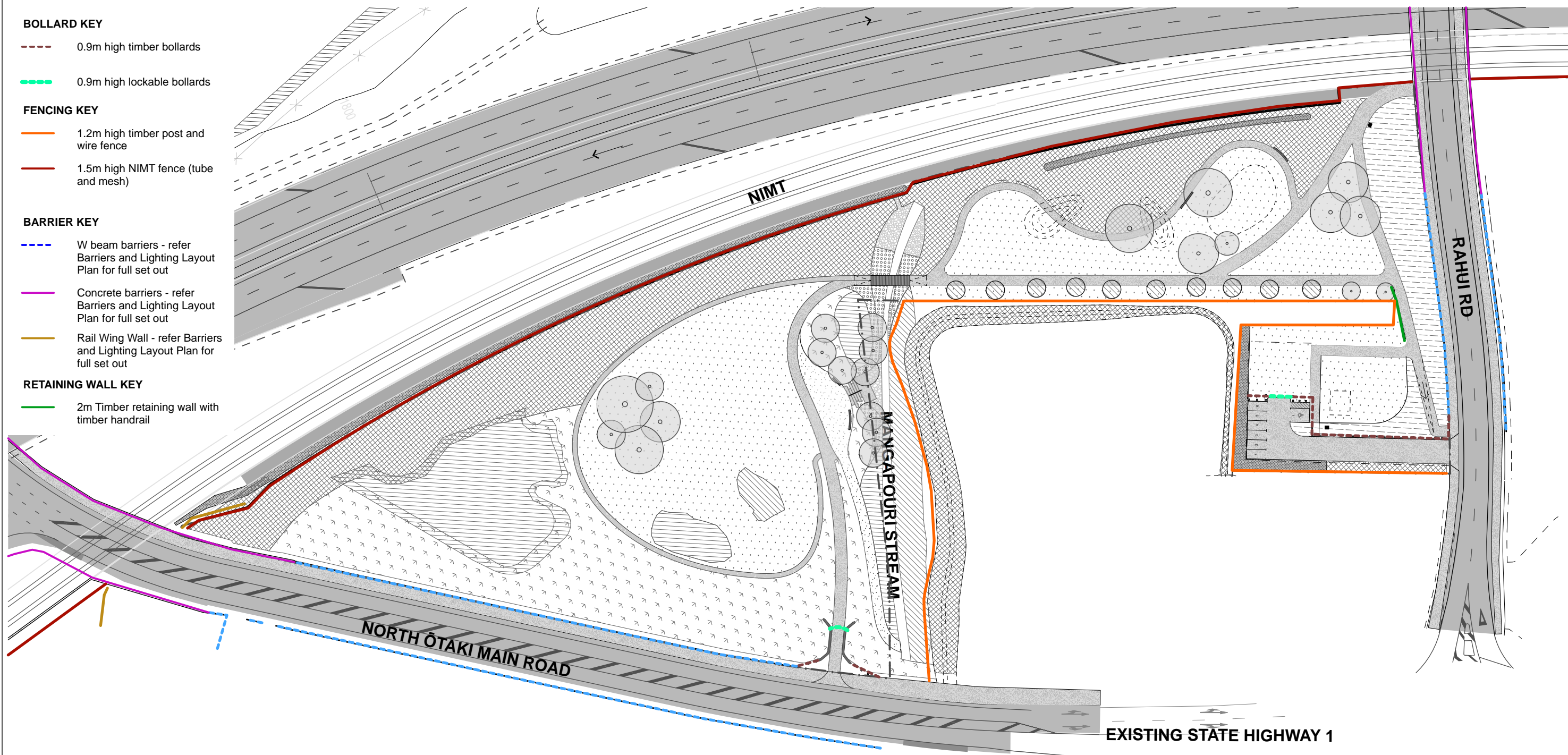
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Peka Peka to Otaki Expressway

Subject:	PARE-O-MATANGI LANDSCAPE PLANS
Title:	PHASE 1 KEY PLAN

DEVELOPED DESIGN	
NOT FOR CONSTRUCTION	
Discipline:	LANDSCAPE
Drawing No.:	PP20-DR-LA-0310
Rev.:	C

- BOLLARD KEY**
- 0.9m high timber bollards
 - 0.9m high lockable bollards
- FENCING KEY**
- 1.2m high timber post and wire fence
 - 1.5m high NIMT fence (tube and mesh)
- BARRIER KEY**
- W beam barriers - refer Barriers and Lighting Layout Plan for full set out
 - Concrete barriers - refer Barriers and Lighting Layout Plan for full set out
 - Rail Wing Wall - refer Barriers and Lighting Layout Plan for full set out
- RETAINING WALL KEY**
- 2m Timber retaining wall with timber handrail



Approx North
1:1000 @ A3

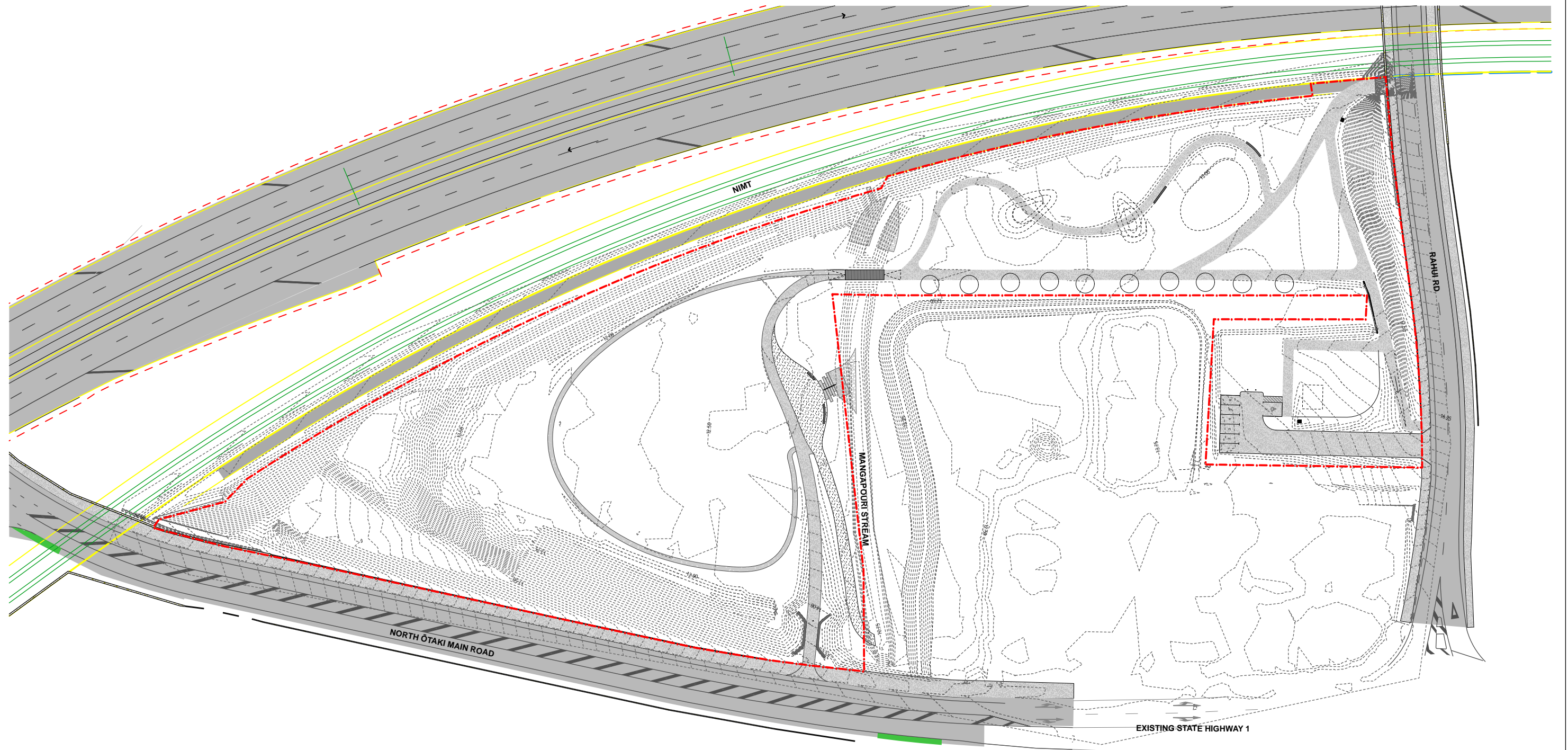
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Scale (A1)	Design	SD/SH	Date	Approved For Construction
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Scale (A3)	Design			
1:1000	Design			

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Subject:	PARE-O-MATANGI LANDSCAPE PLANS
Title:	FENCING, RETAINING WALL & BARRIER PLAN

DEVELOPED DESIGN NOT FOR CONSTRUCTION	
Discipline:	LANDSCAPE
Drawing No.:	PP20-DR-LA-0311
Rev.:	C



KEY
 - - - - 0.25m Contours
 - . - . Indicative boundary to be finalised

Approx North
 1:1000 @ A3

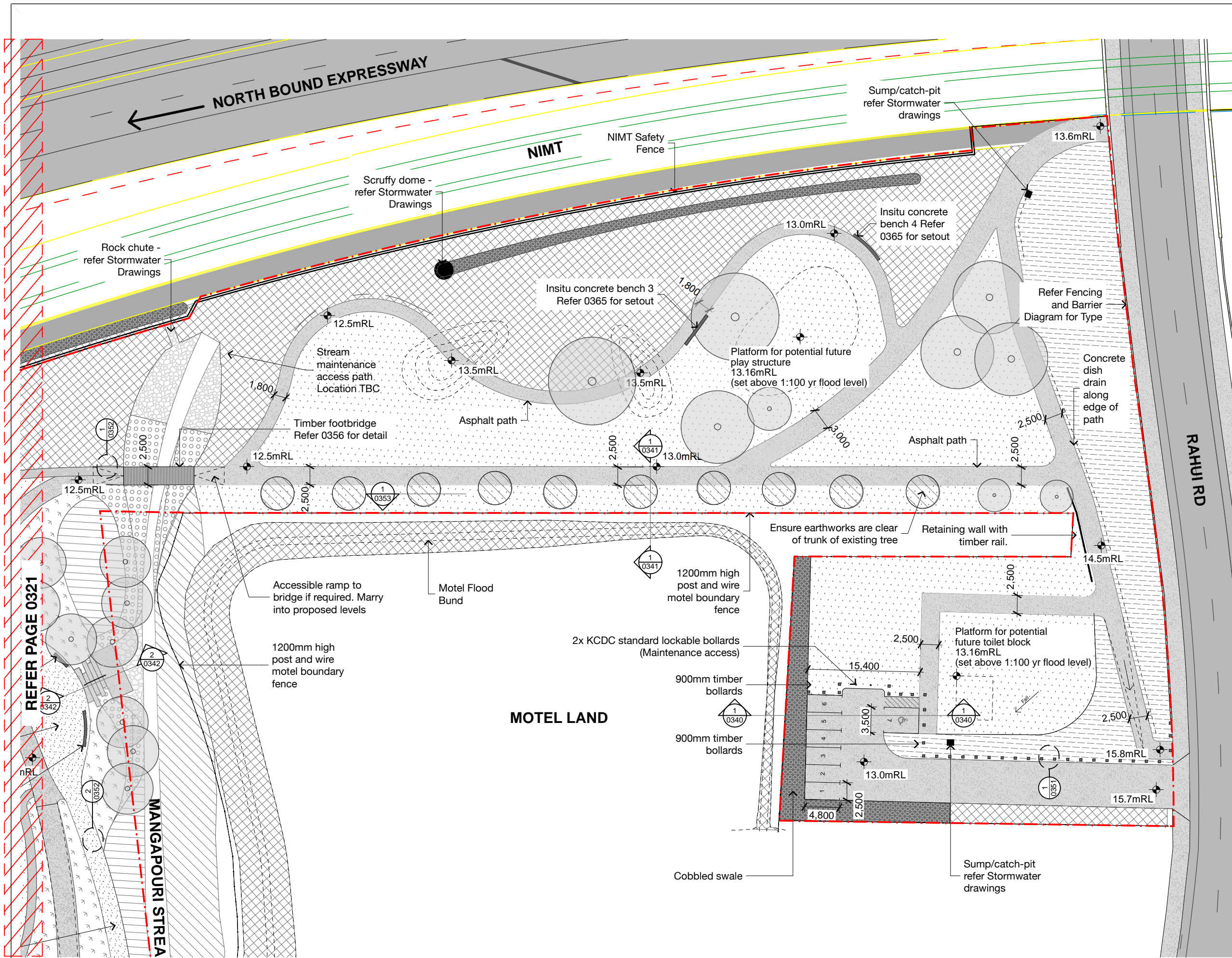
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Scale (A3)	Design Verifier			
1:1000	Drwg Check			

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Subject:	PARE-O-MATANGI LANDSCAPE PLANS
Title:	CONTOUR PLAN

DEVELOPED DESIGN	
NOT FOR CONSTRUCTION	
Discipline:	LANDSCAPE
Drawing No.:	PP20-DR-LA-0312
Rev.:	C



FINISHES KEY

- Lime Hoggin / Gravel Area
- Asphalt Pathway
- Gravel Bush Track
- Riprap
- Timber Decking
- Lawn Area
- Screen Planting
- Low Planting
- Massed Planting Steep Sites
- Riparian Planting
- Swale Planting
- Existing Vegetation
- Proposed Specimen Tree
- Existing Tree
- Indicative Boundary to be Finalised

Approx North
1:500 @A3

FINISHES NOTES

- SET OUT TO BE CONFIRMED ON SITE WITH LANDSCAPE ARCHITECT
- REFER CIVIL ENGINEERING DRAWINGS FOR ALL DETAIL DRAWINGS
- ALL MEASUREMENTS IN MM UNLESS OTHERWISE STATED.
- DRAINAGE DESIGN TO BE CONFIRMED.

**DEVELOPED DESIGN
NOT FOR CONSTRUCTION**

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C	100% Design for Certification	MB	SD		18/10/18
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Scale (A3)	Design	MB	18/10/18	
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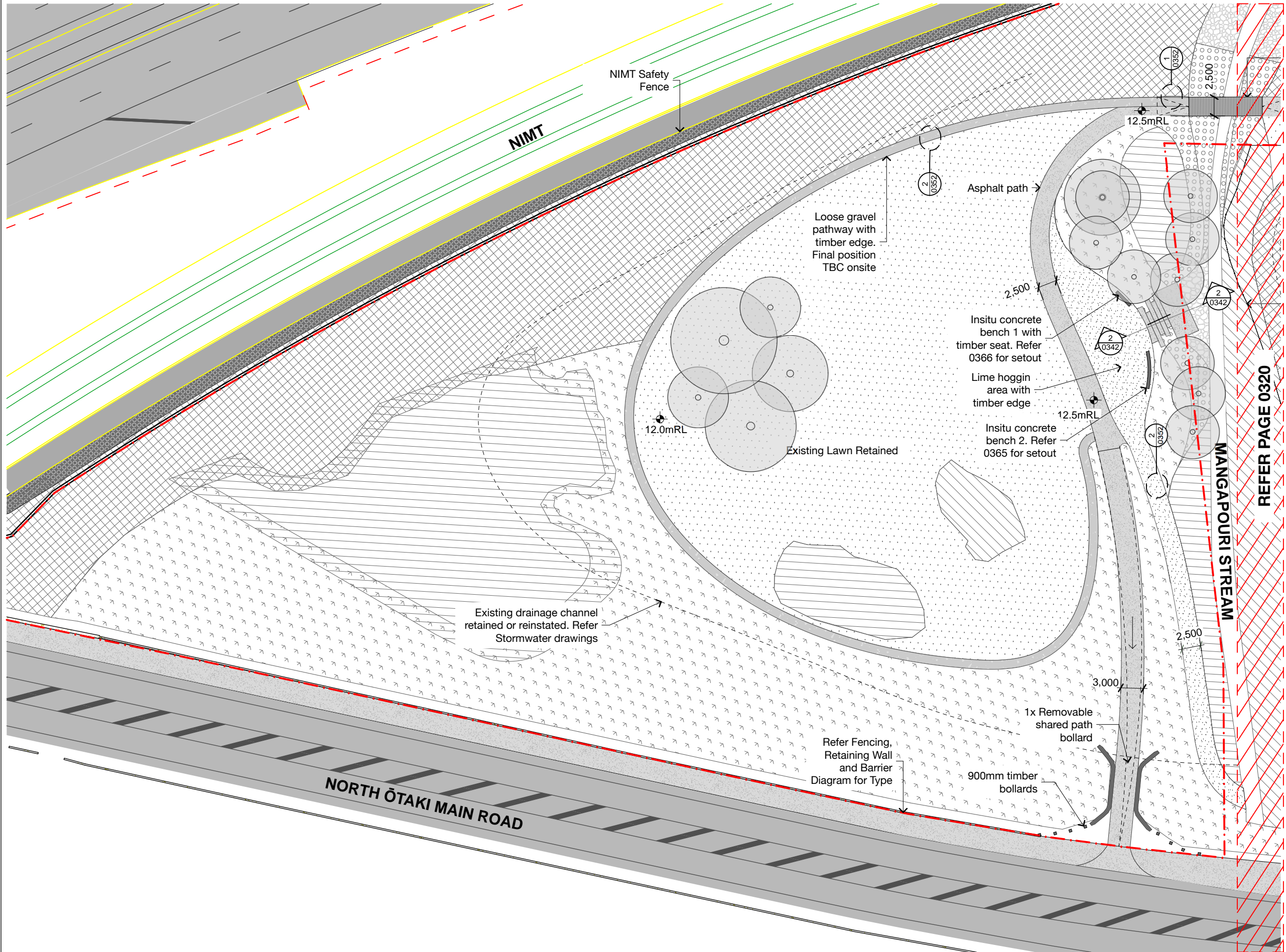
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ANZ TRANSPORT AGENCY
Peka Peka to Ōtaki Expressway

Fletcher HIGGINS
Beca Tonkin+Taylor

Subject:	PARE-O-MATANGI LANDSCAPE PLANS
Title:	PHASE 1 ACTIVE SPACE PLAN

Discipline:	LANDSCAPE
Drawing No.:	PP20-DR-LA-0320
Rev.:	C



FINISHES KEY

- Lime Hoggin / Gravel Area
- Asphalt Pathway
- Gravel Bush Track
- Riprap
- Timber Decking
- Lawn Area
- Screen Planting
- Low Planting
- Massed Planting Steep Sites
- Riparian Planting
- Swale Planting
- Existing Vegetation
- Proposed Specimen Tree
- Existing Tree
- Indicative Boundary to be Finalised

Approx North
1:500 @A3

FINISHES NOTES

- SET OUT TO BE CONFIRMED ON SITE WITH LANDSCAPE ARCHITECT
- REFER CIVIL ENGINEERING DRAWINGS FOR ALL DETAIL DRAWINGS
- ALL MEASUREMENTS IN MM UNLESS OTHERWISE STATED.
- DRAINAGE DESIGN TO BE CONFIRMED.

**DEVELOPED DESIGN
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A	100% Design for Certification	MB	SD	03/08/18	
No.	Revision	By	Chk	Appd	Date

Design	SD/SH	18/10/18	Approved For Construction
Drawn	MB	18/10/18	Date
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Scale (A3)	1:500		
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TRANSPORT AGENCY Peka Peka to Otaki Expressway

Fletcher HIGGINS

BECA **Tonkin+Taylor**

Subject: PARE-O-MATANGI LANDSCAPE PLANS
Title: PHASE 1 PASSIVE SPACE PLAN

Discipline	LANDSCAPE
Drawing No.	PP20-DR-LA-0321
Rev.	C

2
0345

Asphalt path

2,500

Insitu concrete bench 1 with timber seat. Refer 0366 for setout

33,000

Lime hoggin area with timber edge

Insitu concrete bench 2. Refer 0365 for setout

1
0342

2
0342

8,700

12.5mRL

11.5mRL

10.8mRL
apprx. base of stream

















2
0342

MANGAPOURI ST

Accessible ramp to bridge if required. Marry into proposed levels

1200mm high post and wire motel boundary fence

FINISHES KEY

-  Lime Hoggin / Gravel Area
-  Asphalt Pathway
-  Gravel Bush Track
-  Riprap
-  Timber Decking
-  Lawn Area
-  Screen Planting
-  Low Planting
-  Massed Planting Steep Sites
-  Riparian Planting
-  Swale Planting
-  Existing Vegetation
-  Proposed Specimen Tree
-  Existing Tree
-  Indicative Boundary to be Finalised
-  Approx North

1:200 @A3

FINISHES NOTES

1. SET OUT TO BE CONFIRMED ON SITE WITH LANDSCAPE ARCHITECT
2. REFER CIVIL ENGINEERING DRAWINGS FOR ALL DETAIL DRAWINGS
3. ALL MEASUREMENTS IN MM UNLESS OTHERWISE STATED.
4. DRAINAGE DESIGN TO BE CONFIRMED.

**DEVELOPED DESIGN
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A	100% Design for Certification	MB	SD	03/08/18	
No.	Revision	By	Chk	Appd	Date

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		Dwg Check			
		Date			

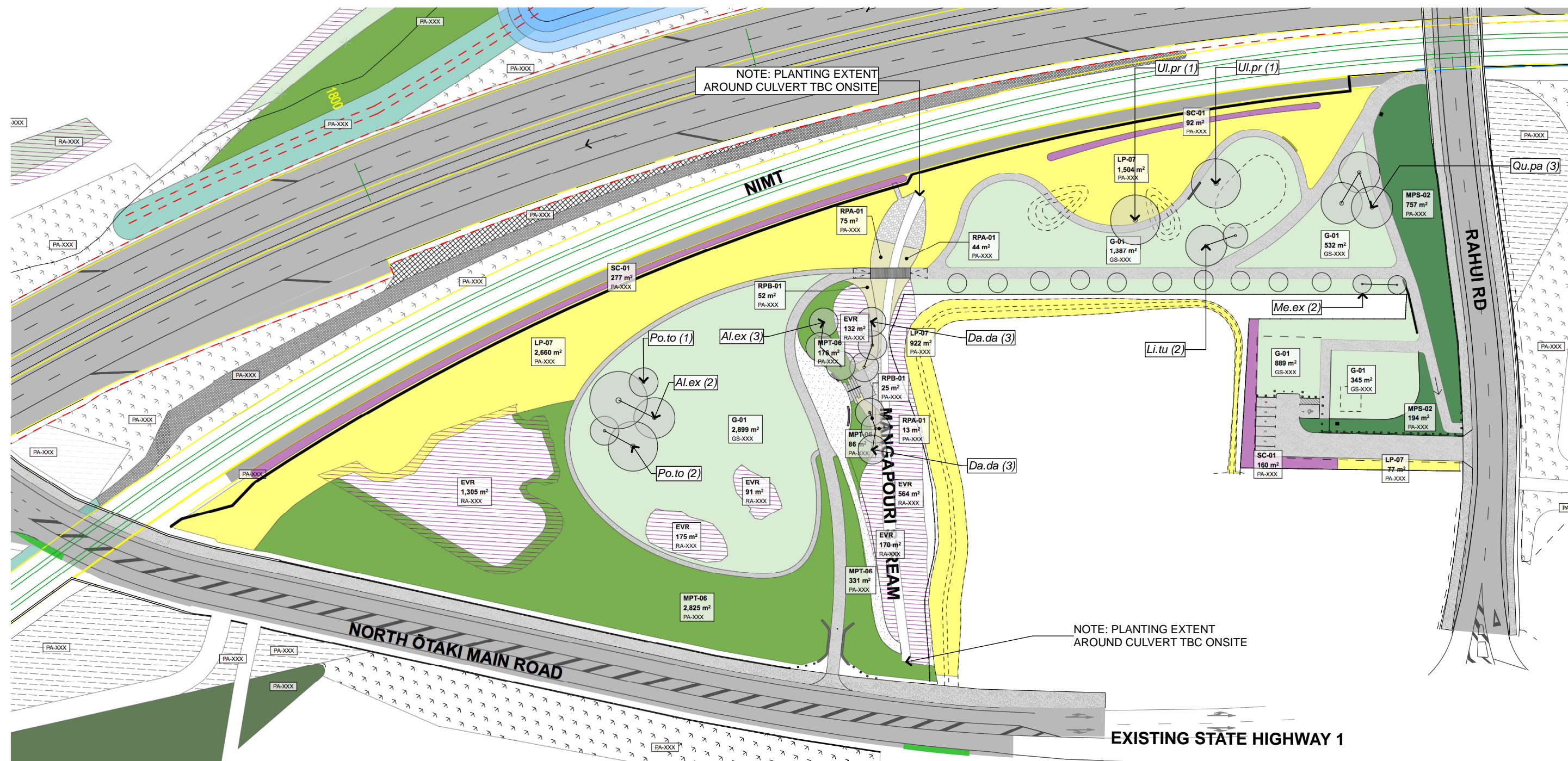






Subject:	PARE-O-MATANGI LANDSCAPE PLANS
Title:	PHASE 1 MANGAPOURI CONNECTION PLAN

Discipline:	LANDSCAPE
Drawing No.:	PP20-DR-LA-0322
Rev.:	C



Planting Plan Key

- MPT-06** Massed Planting with Tree Enrichment Pare-o-Matangi
- LP-07** Low Planting Pare-o-Matangi
- MPS-02** Massed Planting Steep Sites Pare-o-Matangi
- RPA-01** Riparian Planting
- SC-01** Cobbled Swale Planting
- G-01** Grass
- EVR** Existing Vegetation Retained

- Ag.au** *Agathis australis* - Kauri
- Al.ex** *Alectryon excelsus* - Titoki
- Da.da** *Dacrycarpus dacrydioides* - Kahikatea
- Li.tu** *Liriodendron tulipifera* - Tulip Tree
- Me.ex** *Metrosideros excelsa* - Pohutukawa
- Po.to** *Podocarpus totara* - Totara
- Qu.pa** *Quercus palustris* - Pin Oak
- Ul.pr** *Ulmus procera* - Elm Tree



No.	Revision	By	Chk	Appd	Date
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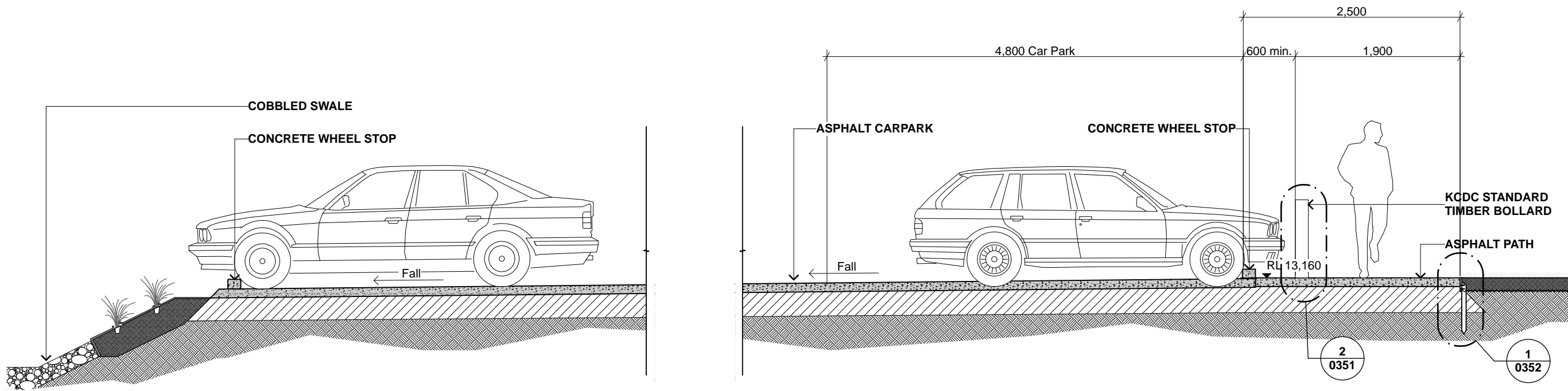
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Scale (A3)	Design Verifier			
1:1000	Design Check			

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Subject:	PARE-O-MATANGI LANDSCAPE PLANS
Title:	LANDSCAPE PLANTING PLAN

DEVELOPED DESIGN NOT FOR CONSTRUCTION	
Discipline:	LANDSCAPE
Drawing No.:	PP20-DR-LA-0330
Rev.:	C



1 Carpark Section
Scale 1:50

- KEY**
- TP 0.000 Top of Paving Level
 - RL 0.000 Relative Level

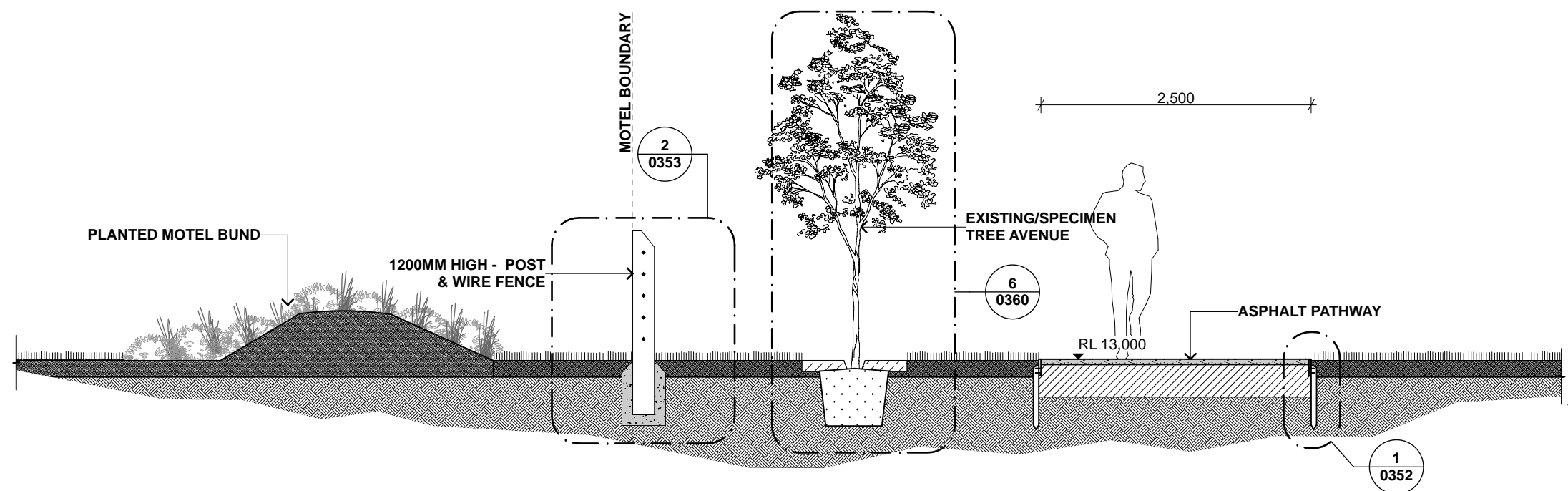
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A	100% Design for Certification	MB	SD		03/08/18

Scale (A1)	Design	SD/SH	18/10/18	Approved For Construction
DOUBLE SHOWN	Drawn	MB	18/10/18	
Scale (A3)	Day Verifier			Date
AS SHOWN	Day Check			

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Subject:	PARE-O-MATANGI LANDSCAPE PLANS
Title:	LANDSCAPE SECTIONS

DEVELOPED DESIGN NOT FOR CONSTRUCTION	
Discipline:	LANDSCAPE
Drawing No.:	PP20-DR-LA-0340
Rev.:	C



1 Motel Boundary Section
Scale 1:50

- KEY**
- TP 0.000 Top of Paving Level
 - RL 0.000 Relative Level

No.	Revision	By	Chk	Appd	Date
C	100% Design for Certification	MB	SD		18/10/18
B	100% Design for Certification	MB	SD		21/09/18
A	100% Design for Certification	MB	SD		03/08/18

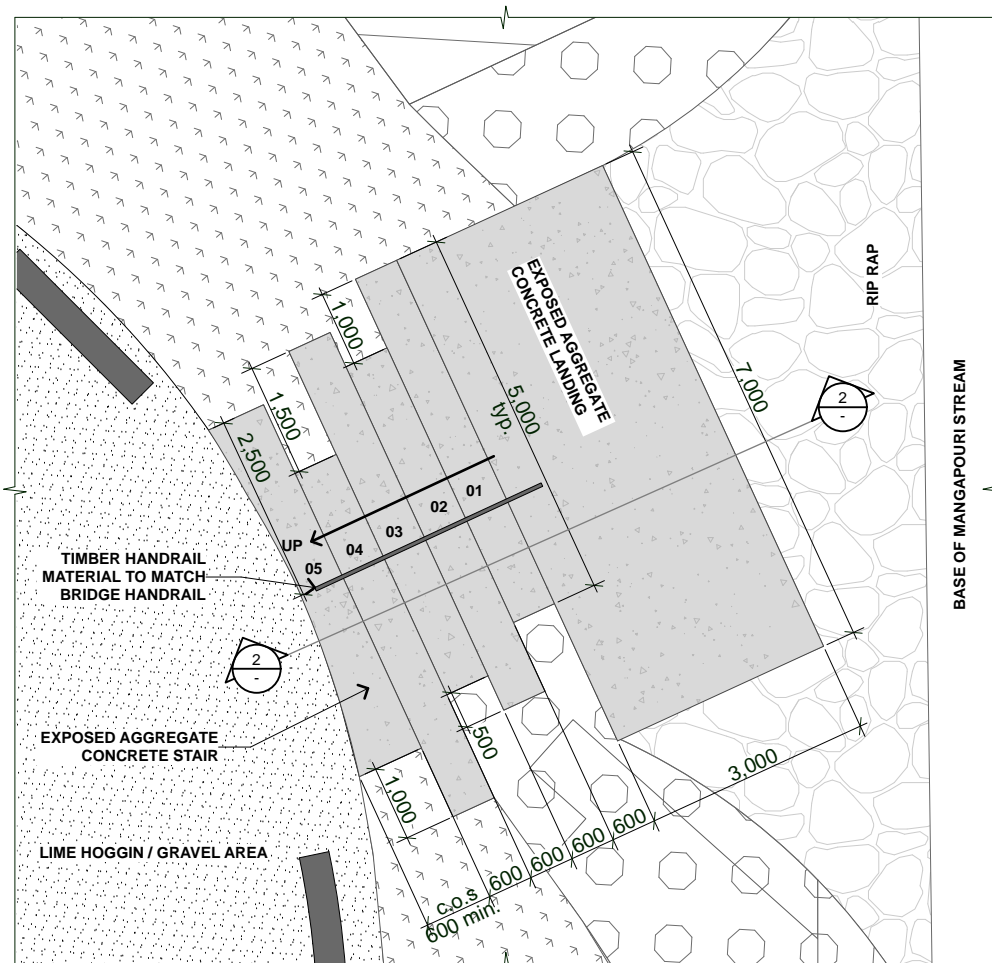
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AS SHOWN	Drng Check			

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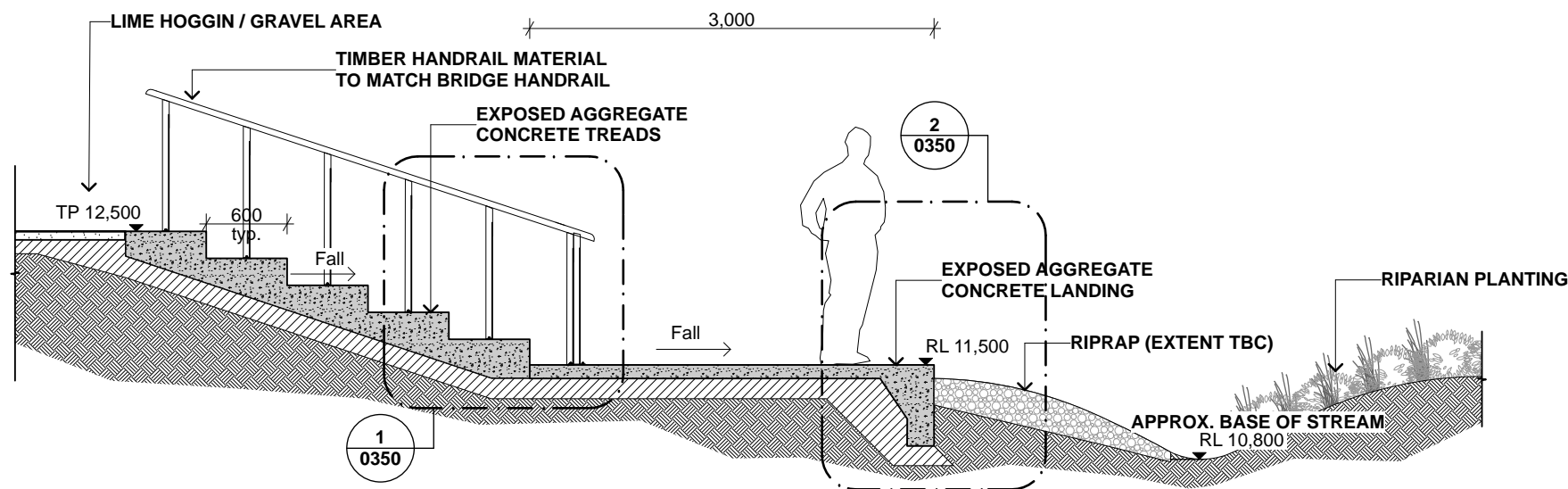
Peka Peka to Ōtaki Expressway

Subject:	PARE-O-MATANGI LANDSCAPE PLANS
Title:	LANDSCAPE SECTIONS

DEVELOPED DESIGN NOT FOR CONSTRUCTION	
Discipline:	LANDSCAPE
Drawing No.:	PP20-DR-LA-0341
Rev.:	C



1 Concrete Stair Detail Plan
Scale 1:100



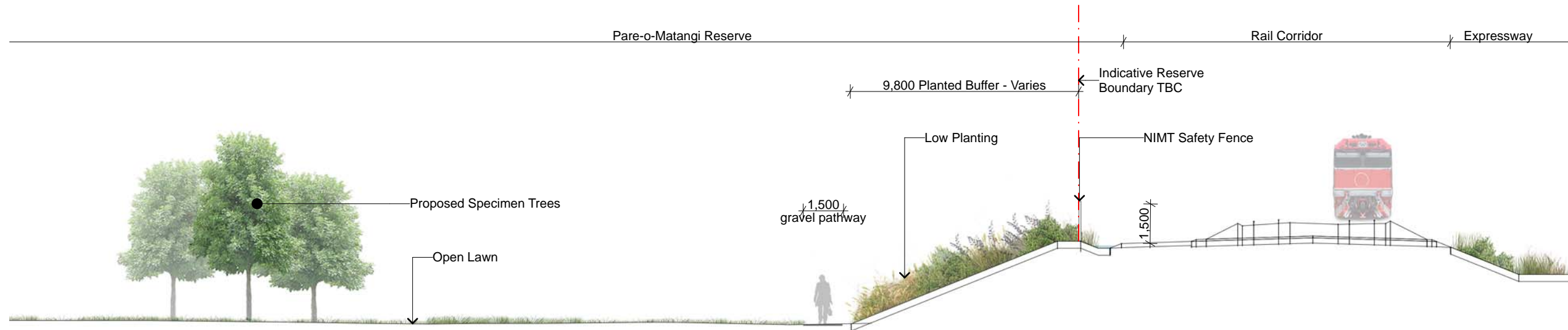
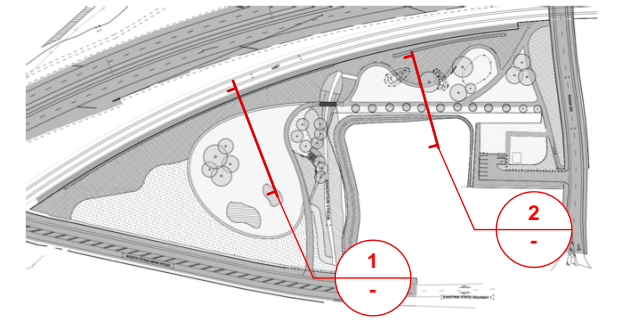
2 Concrete Stair Section
Scale 1:50

No.	Revision	By	Chk	Appd	Date
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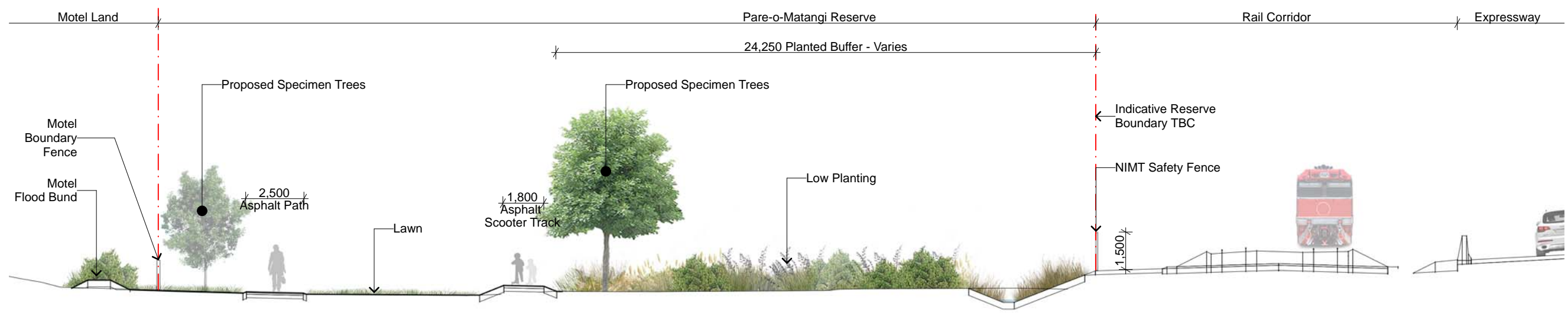
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Scale (A3)	Day Verifier			
AS SHOWN	Drng Check			
	* Refer to Original Hardcopy for Signature			

Subject:	PARE-O-MATANGI LANDSCAPE PLANS
Title:	STREAM CONNECTION

DEVELOPED DESIGN NOT FOR CONSTRUCTION	
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Drawing No.:	PP20-DR-LA-0342
Rev.:	C



1 Passive Space Illustrative Section
Scale 1:200



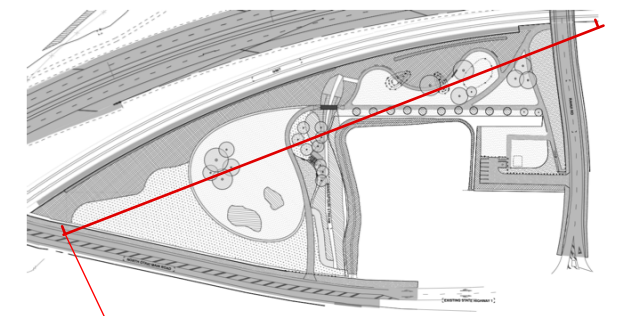
2 Active Space Illustrative Section
Scale 1:200

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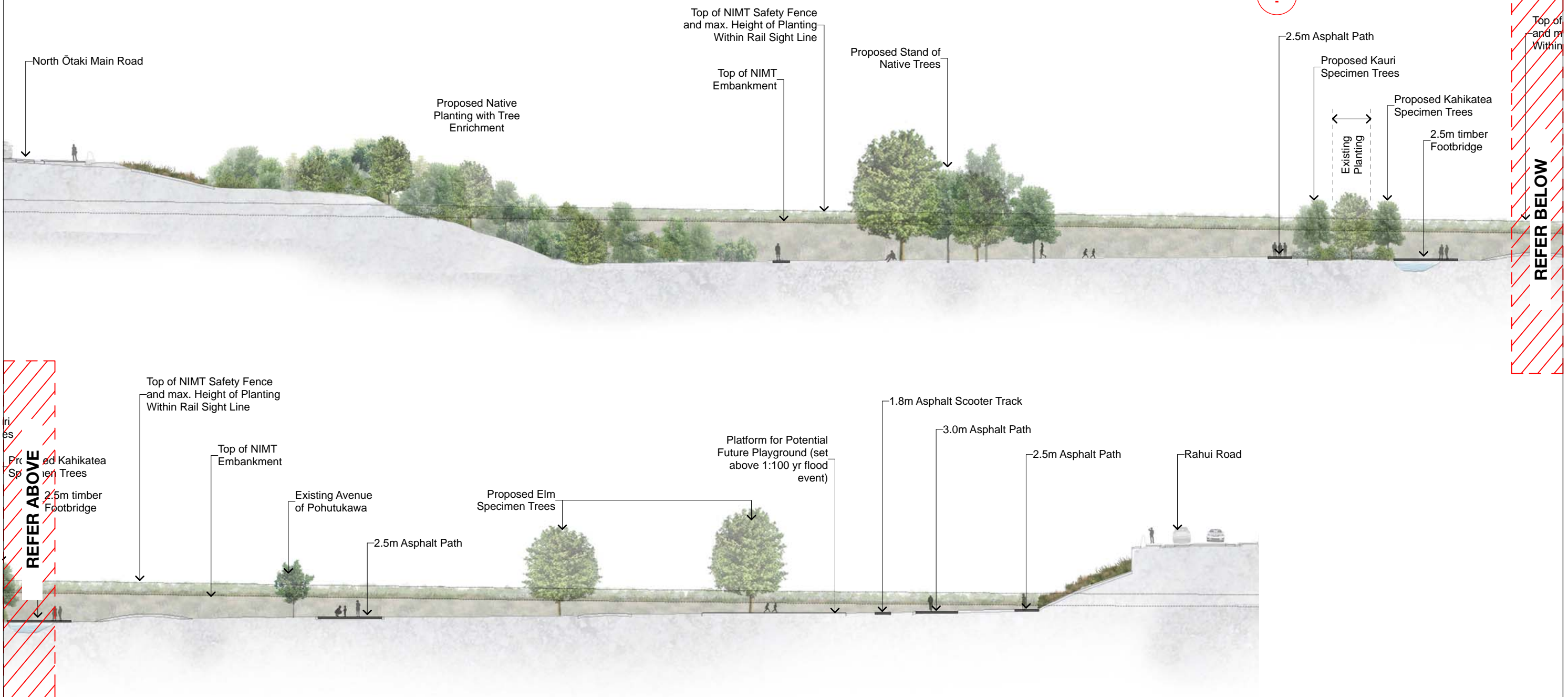
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AS SHOWN	Drawn			

Subject:	PARE-O-MATANGI LANDSCAPE PLANS
Title:	ILLUSTRATIVE LANDSCAPE SECTIONS

DEVELOPED DESIGN NOT FOR CONSTRUCTION	
Discipline:	LANDSCAPE
Drawing No.:	PP20-DR-LA-0343
Rev.:	C



1



1 Railway Embankment Illustrative Sectional Elevation
Scale 1:500

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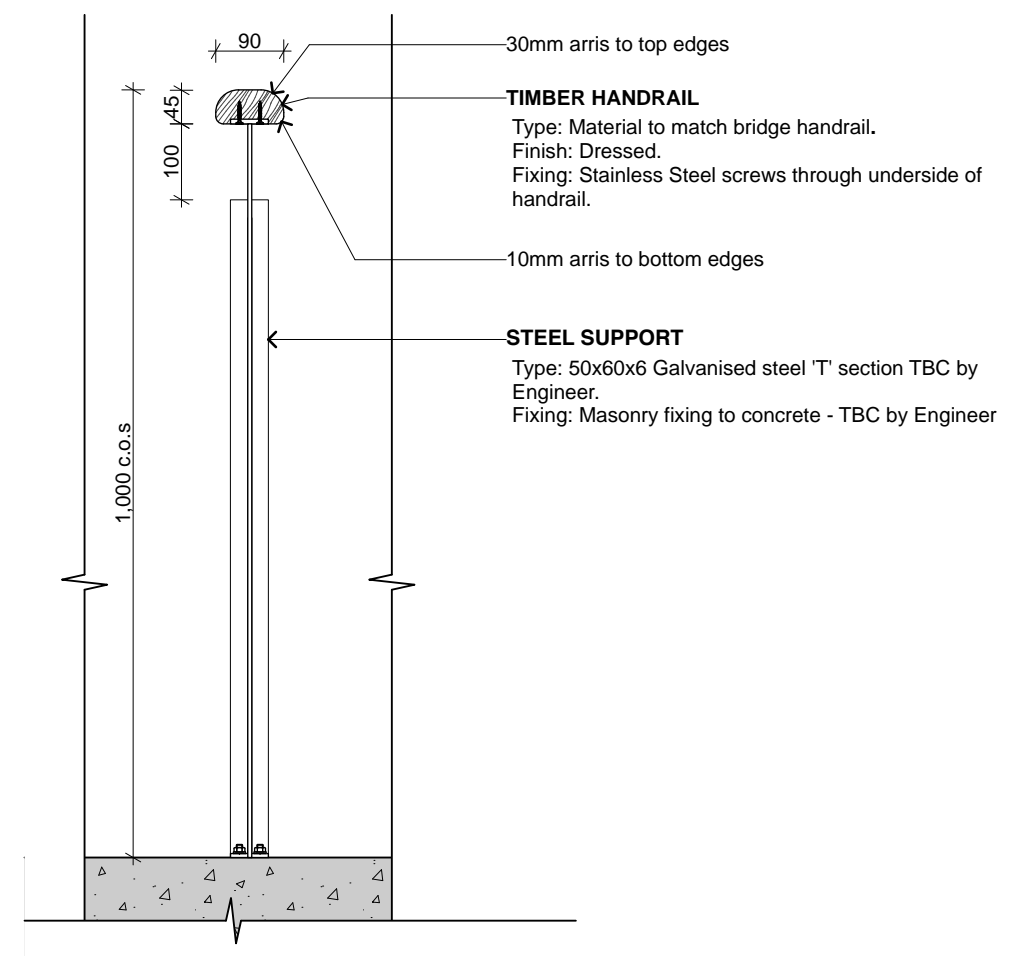
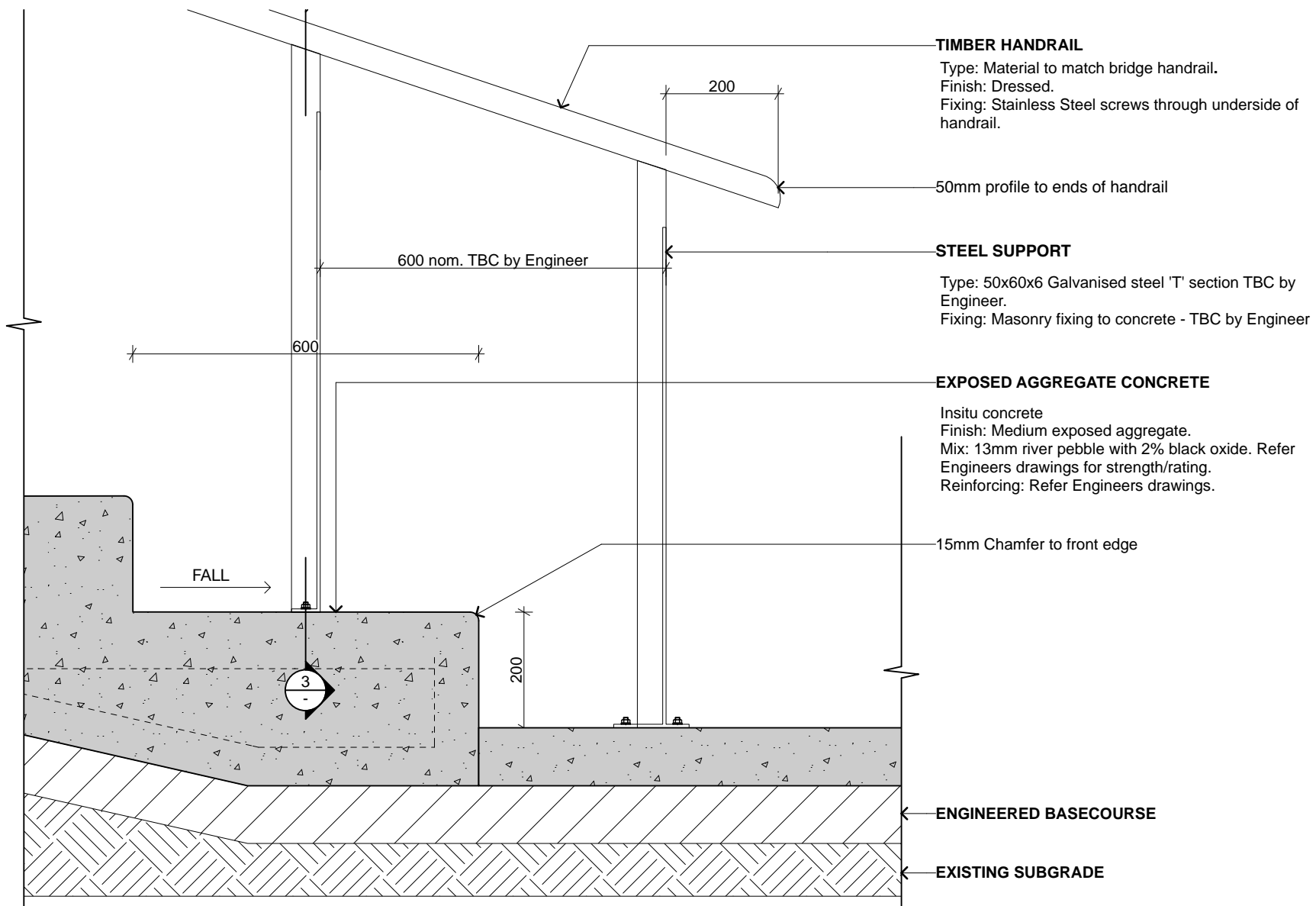
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AS SHOWN	Drng Check			

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Peka Peka to Ōtaki Expressway

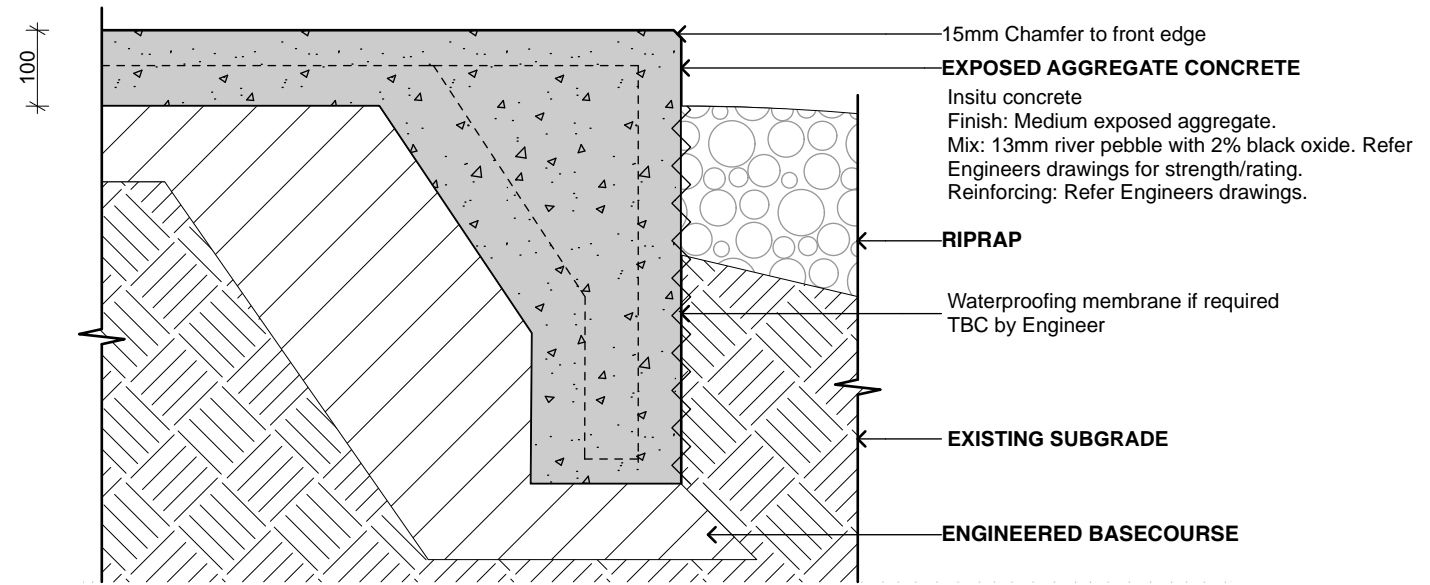
Subject:	PARE-O-MATANGI LANDSCAPE PLANS
Title:	ILLUSTRATIVE LANDSCAPE SECTIONS

DEVELOPED DESIGN NOT FOR CONSTRUCTION	
Discipline:	LANDSCAPE
Drawing No.:	PP20-DR-LA-0344
Rev.:	C



1 Concrete Steps Detail Section
Scale 1:10

3 Handrail Detail Section
Scale 1:10



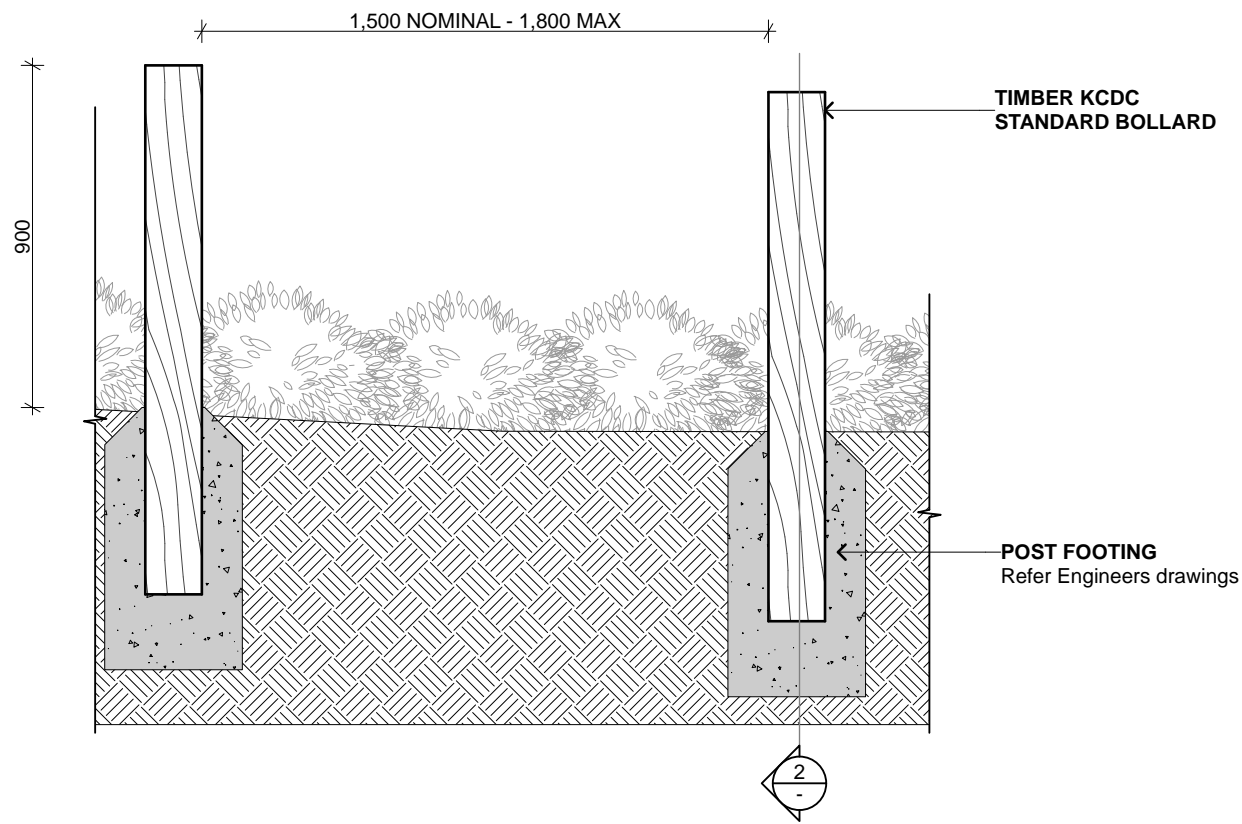
2 Concrete Landing Detail Section
Scale 1:10

No.	Revision	By	Chk	Appd	Date
C	100% Design for Certification	MB	SD		18/10/18
B	100% Design for Certification	MB	SD		21/09/18
A	100% Design for Certification	MB	SD		03/08/18

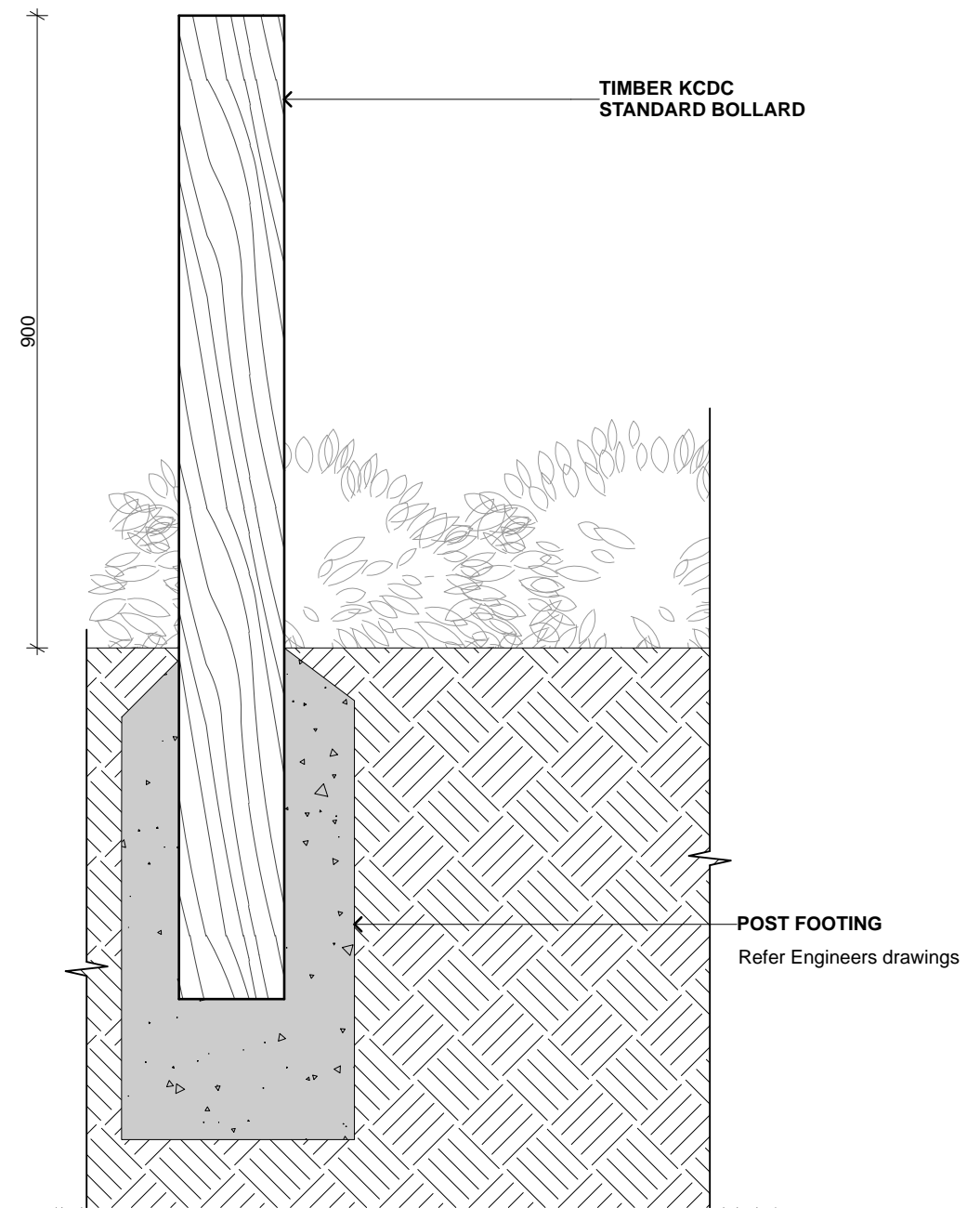
Scale (A1) DOUBLE SHOWN	Design	SD/SH	18/10/18	Approved For Construction
Scale (A3) AS SHOWN	Drawn	MB	18/10/18	
	Design Verifier			
	Drng Check			
	Date			

Subject:	PARE-O-MATANGI LANDSCAPE PLANS
Title:	TYPICAL LANDSCAPE DETAILS

DEVELOPED DESIGN NOT FOR CONSTRUCTION	
Discipline:	LANDSCAPE
Drawing No.:	PP20-DR-LA-0350
Rev.:	C



1 Timber Bollard Section
Scale 1:20



2 Timber Bollard Detail Section
Scale 1:10

No.	Revision	By	Chk	Appd	Date
C	100% Design for Certification	MB	SD		18/10/18
B	100% Design for Certification	MB	SD		21/09/18
A	100% Design for Certification	MB	SD		03/08/18

Scale (A1)	Design	SD/SH	18/10/18	Approved For Construction
DOUBLE SHOWN	Drawn	MB	18/10/18	
Scale (A3)	Design Verifier			
AS SHOWN	Design Check			

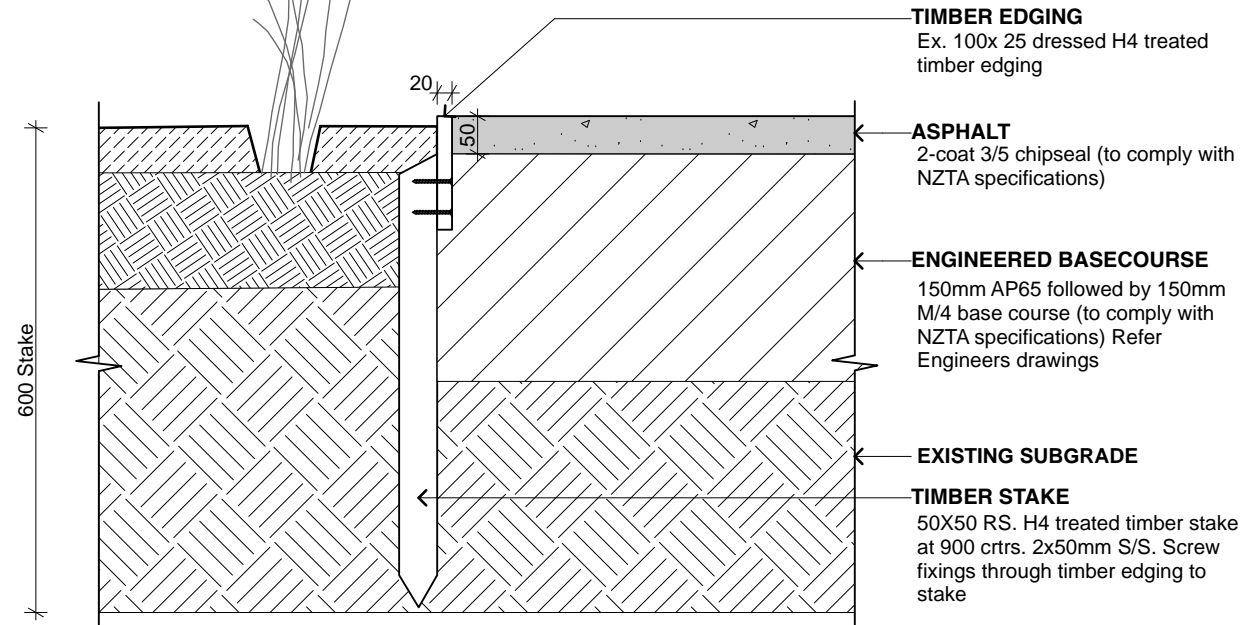
* Refer to Original Hardcopy for Signature

Subject:	PARE-O-MATANGI LANDSCAPE PLANS
Title:	TYPICAL LANDSCAPE DETAILS

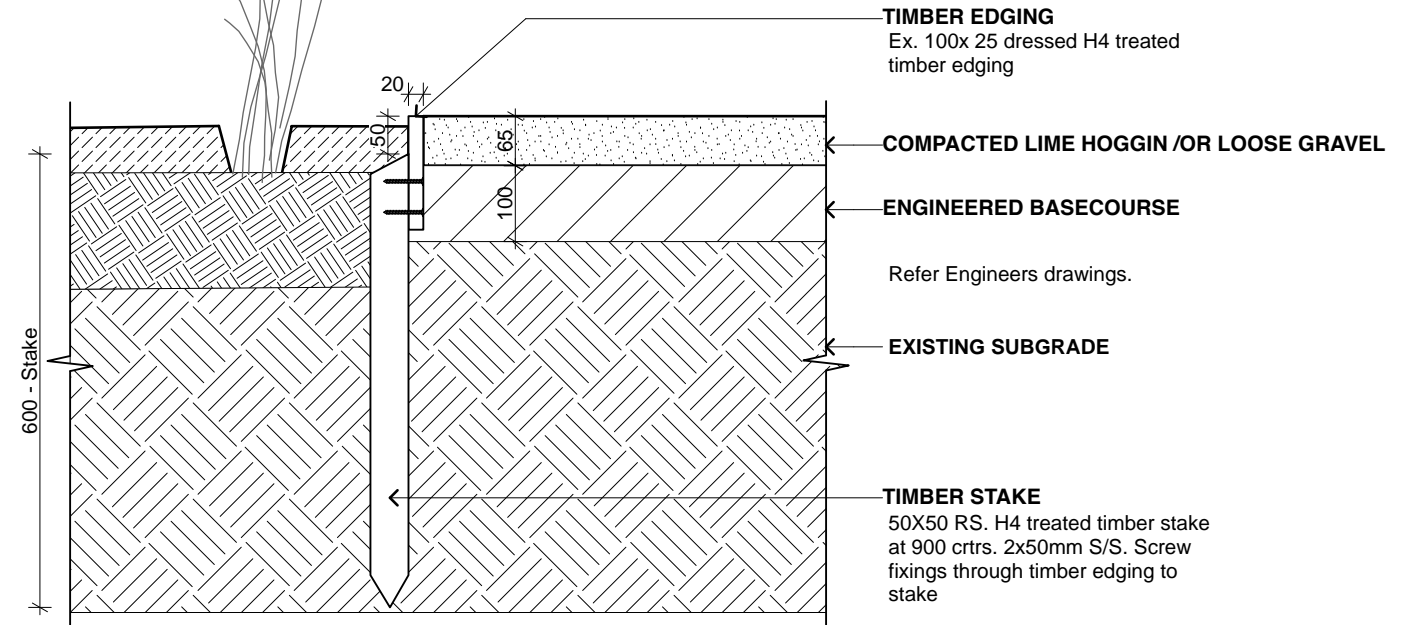
**DEVELOPED DESIGN
NOT FOR CONSTRUCTION**

Discipline:	LANDSCAPE
Drawing No.:	PP20-DR-LA-0351
Rev.:	C

NOTE: Adjacent treatment varies - Refer finishes plan



NOTE: Adjacent treatment varies - Refer finishes plan



1 Asphalt Pathway Edge Detail Section
Scale 1:10

2 Lime Hoggin Edge Detail Section
Scale 1:10

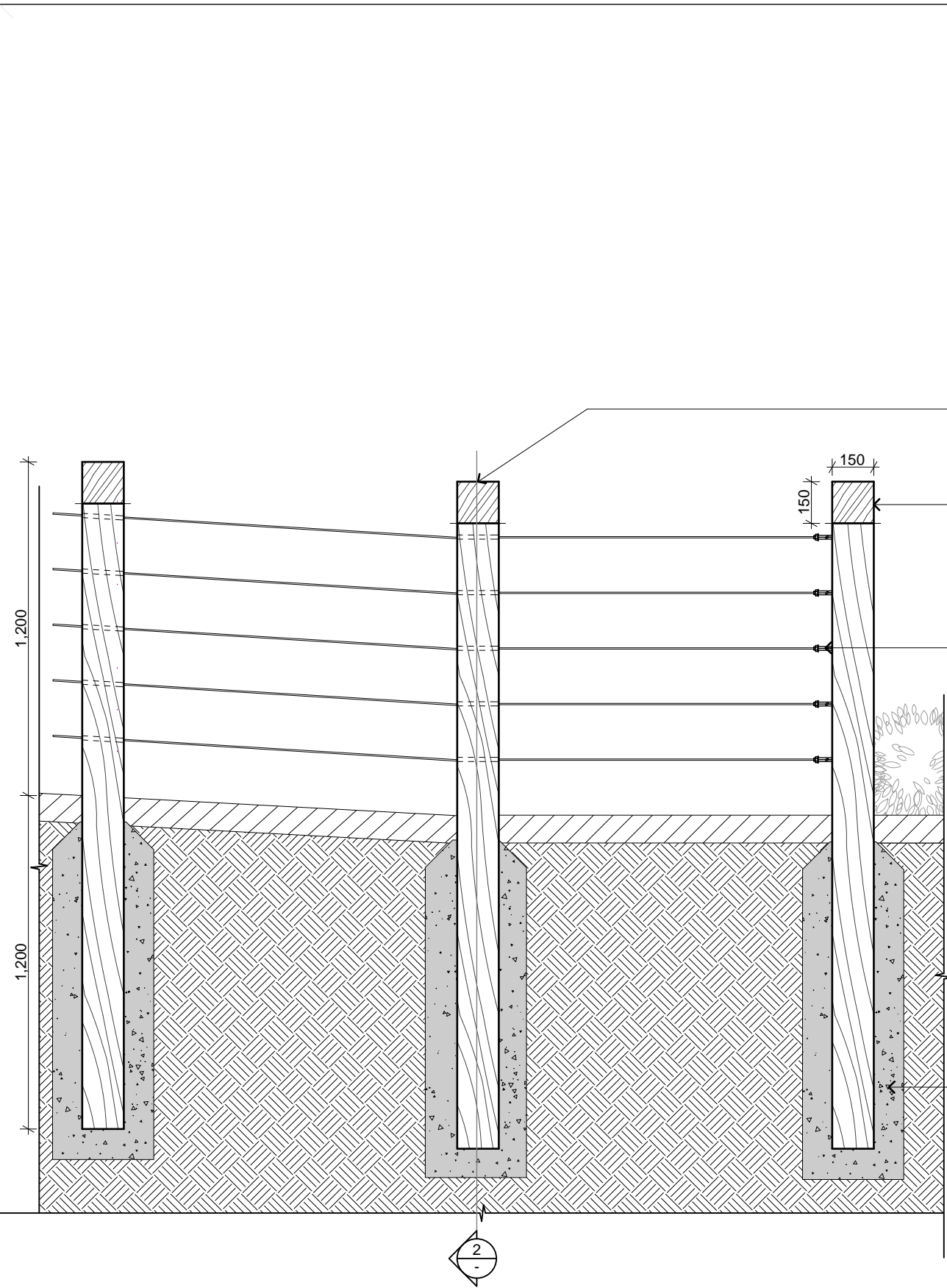
No.	Revision	By	Chk	Appd	Date
C	100% Design for Certification	MB	SD		18/10/18
B	100% Design for Certification	MB	SD		21/09/18
A	100% Design for Certification	MB	SD		03/08/18

Scale (A1)	Design	SD/SH	18/10/18	Approved For Construction
DOUBLE SHOWN	Drawn	MB	18/10/18	
Scale (A3)	Design Verifier			
AS SHOWN	Drng Check			

* Refer to Original Hardcopy for Signature

Subject:	PARE-O-MATANGI LANDSCAPE PLANS	Discipline:	LANDSCAPE
Title:	TYPICAL PAVING DETAILS	Drawing No.:	PP20-DR-LA-0352
		Rev.:	C

DEVELOPED DESIGN
NOT FOR CONSTRUCTION



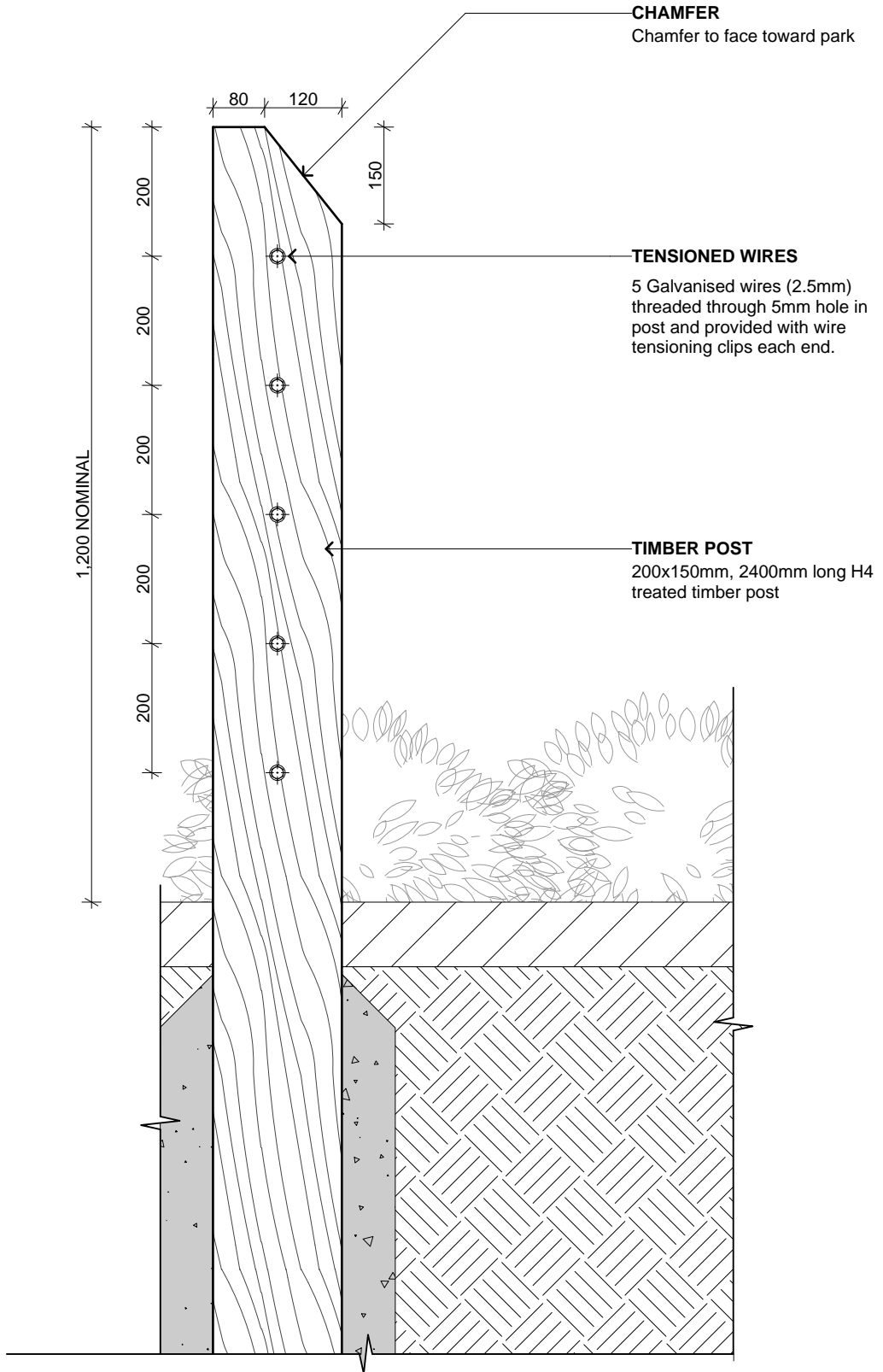
CHAMFER
Chamfer to face toward park

TIMBER POST
200x150mm, 2400mm long H4 treated timber post

TENSIONED WIRES
5 Galvanised wires (2.5mm) threaded through 5mm hole in post and provided with wire tensioning clips each end.

POST FOOTING
Refer Engineers drawings

1 Timber Post & Wire Fence Section
Scale 1:20



CHAMFER
Chamfer to face toward park

TENSIONED WIRES
5 Galvanised wires (2.5mm) threaded through 5mm hole in post and provided with wire tensioning clips each end.

TIMBER POST
200x150mm, 2400mm long H4 treated timber post

2 Timber Post & Wire Fence Detail Section
Scale 1:10

No.	Revision	By	Chk	Appd	Date
C	100% Design for Certification	MB	SD		18/10/18
B	100% Design for Certification	MB	SD		21/09/18
A	100% Design for Certification	MB	SD		03/08/18

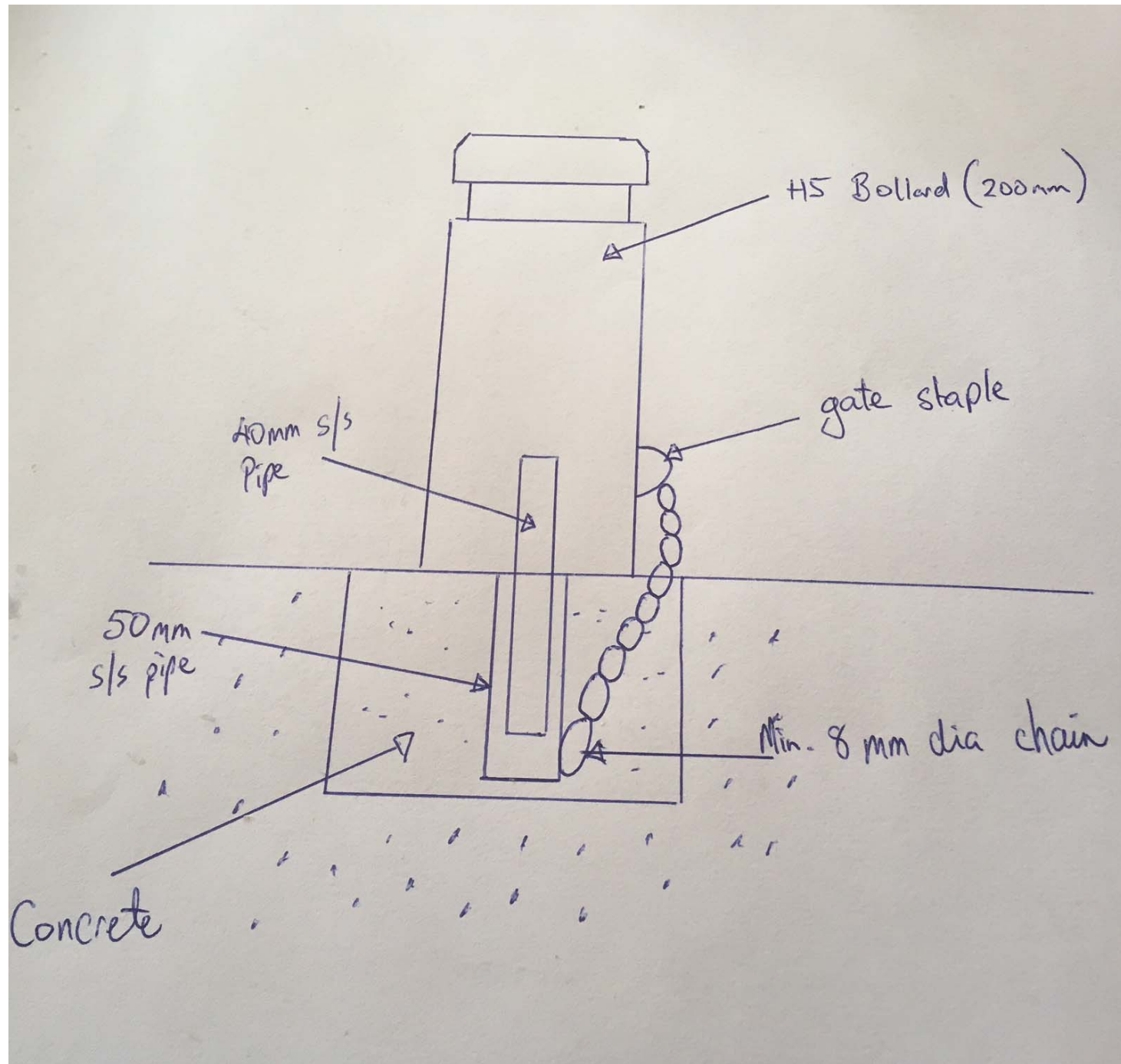
Scale (A1)	Design	SD/SH	18/10/18	Approved For Construction
DOUBLE SHOWN	Drawn	MB	18/10/18	
Scale (A3)	Design Verifier			
AS SHOWN	Drng Check			Date

* Refer to Original Hardcopy for Signature

ANZ TRANSPORT AGENCY
 Peka Peka to Otaki Expressway
 Fletcher HIGGINS
 BECA
 Tonkin+Taylor

Subject:	PARE-O-MATANGI LANDSCAPE PLANS
Title:	TYPICAL FENCING DETAILS

DEVELOPED DESIGN NOT FOR CONSTRUCTION	
Discipline:	LANDSCAPE
Drawing No.:	PP20-DR-LA-0353
Rev.:	C



NOTE: KCDC Typical bollard detail. Final Detail to be co-ordinated for IFC.

3 Removable Bollard Detail (KCDC Supplied)
Scale NTS

No.	Revision	By	Chk	Appd	Date
C	100% Design for Certification	MB	SD		18/10/18
B	100% Design for Certification	MB	SD		21/09/18
A	100% Design for Certification	MB	SD		03/08/18

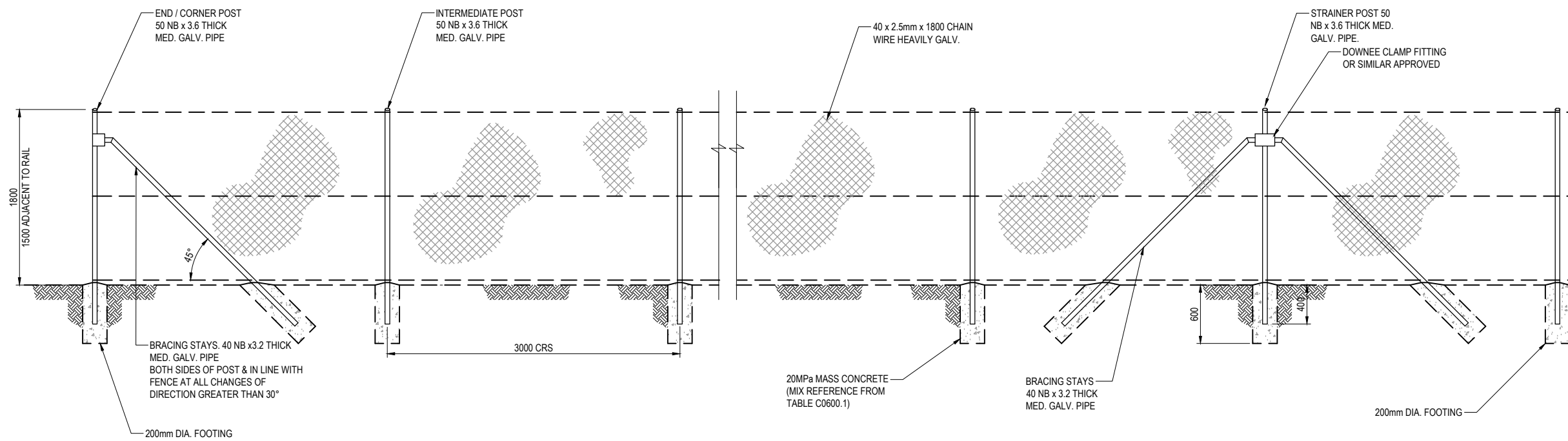
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Scale (A3) AS SHOWN	Drawn	MB	18/10/18	Date
	Day Verifier			
	Day Check			

* Refer to Original Hardcopy for Signature

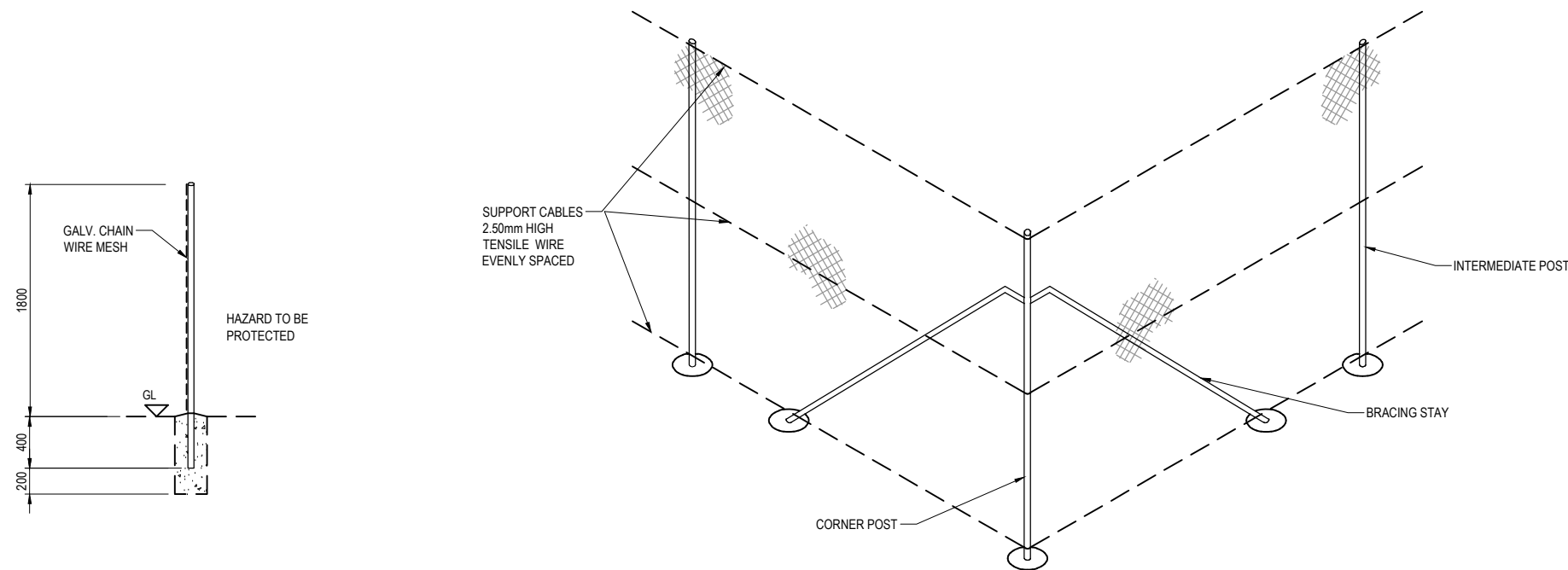


Subject:	PARE-O-MATANGI LANDSCAPE PLANS
Title:	PROPIETRY FURNITURE DETAILS

DEVELOPED DESIGN NOT FOR CONSTRUCTION	
Discipline:	LANDSCAPE
Drawing No.:	PP20-DR-LA-0354
Rev.:	C



FENCE ELEVATION



DETAIL
TYPICAL CORNER STAY
N.T.S.

NOTES:

1. STRAINER ASSEMBLY SHALL BE AT INTERVALS NOT EXCEEDING 120m.
2. BRACING STAYS TO ALL CORNER & STRAINER & GATE POSTS.
3. ALL FERROUS MATERIALS SHALL BE HOT DIP GALV. AFTER FABRICATION.
4. FENCE FOOTINGS SHALL BE AS FOLLOWS:
CORNER POSTS - 200mm x 600 DEEP MIN.
INTERMEDIATE POSTS - 200mm x 600 DEEP MIN.
5. CONCRETE BACKFILL ALL OVERSIZED HOLES.
6. MIN. 200 CONCRETE COVER TO UNDERSIDE OF POST.
7. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS SPECIFIED OTHERWISE.
8. REFER TO THE SPECIFICATION No. C0222 FOR FURTHER DETAILS.

Note: NIMT Fence drawings taken from Civil Standard Details pack - refer to this pack for more detail

No.	Revision	By	Chk	Appd	Date
C	100% Design for Certification	MB	SD		18/10/18
B	100% Design for Certification	MB	SD		21/09/18
A	100% Design for Certification	MB	SD		03/06/18

Scale	Design	SD/SH	Date	Approved For Construction
Scale (A1) DRAWN SHOWN	Drawn	MB	18/10/18	
Scale (A3) AS SHOWN	Drawn			
	Checked			
	Drawn			

Subject:	PARE-O-MATANGI LANDSCAPE PLANS
Title:	NIMT FENCE DETAILS

DEVELOPED DESIGN
NOT FOR CONSTRUCTION

Discipline:	LANDSCAPE
Drawing No.:	PP20-DR-LA-0355
Rev.:	C



Timber Pedestrian Bridge

Supplier: Bridge It NZ

Finish: TBC

NB: Contractor Design Build item. Image for reference only.

No.	Revision	By	Chk	Appd	Date
C	100% Design for Certification	MB	SD		18/10/18
B	100% Design for Certification	MB	SD		21/09/18
A	100% Design for Certification	MB	SD		03/08/18

Scale (A1) DOUBLE SHOWN	Design Drawn	SD/SH	18/10/18	Approved For Construction
Scale (A3) AS SHOWN	Design Verifier			Date
	Design Checker			

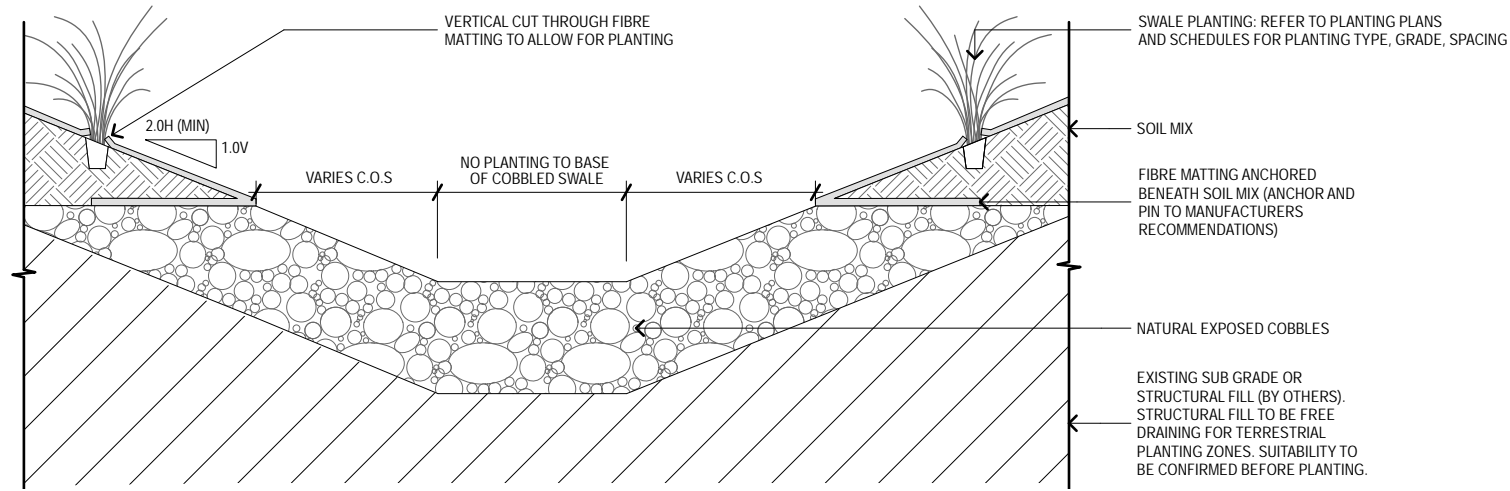
* Refer to Original Hardcopy for Signature

Peka Peka to Ōtaki Expressway

Subject:	PARE-O-MATANGI LANDSCAPE PLANS
Title:	TIMBER BRIDGE

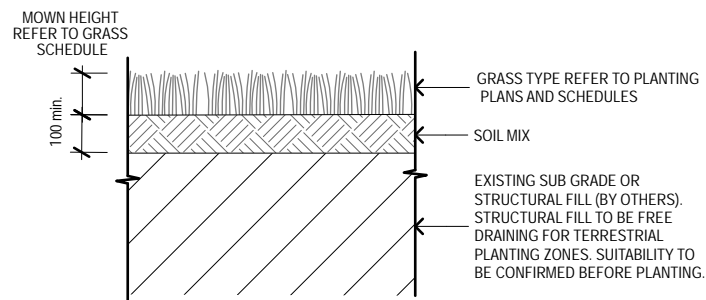
DEVELOPED DESIGN
NOT FOR CONSTRUCTION

Discipline:	LANDSCAPE
Drawing No.:	PP20-DR-LA-0356
Rev.:	C



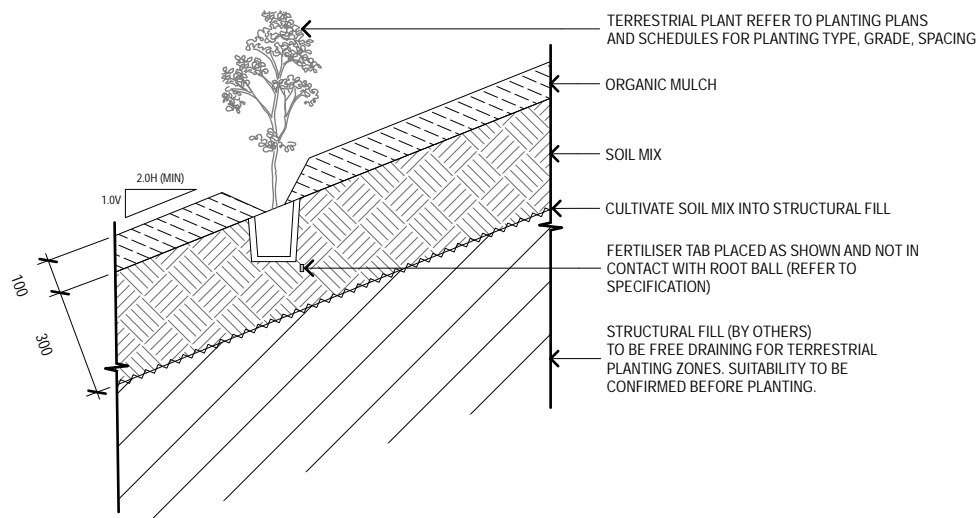
1 Cobbled Swale Detail

Scale 1:20



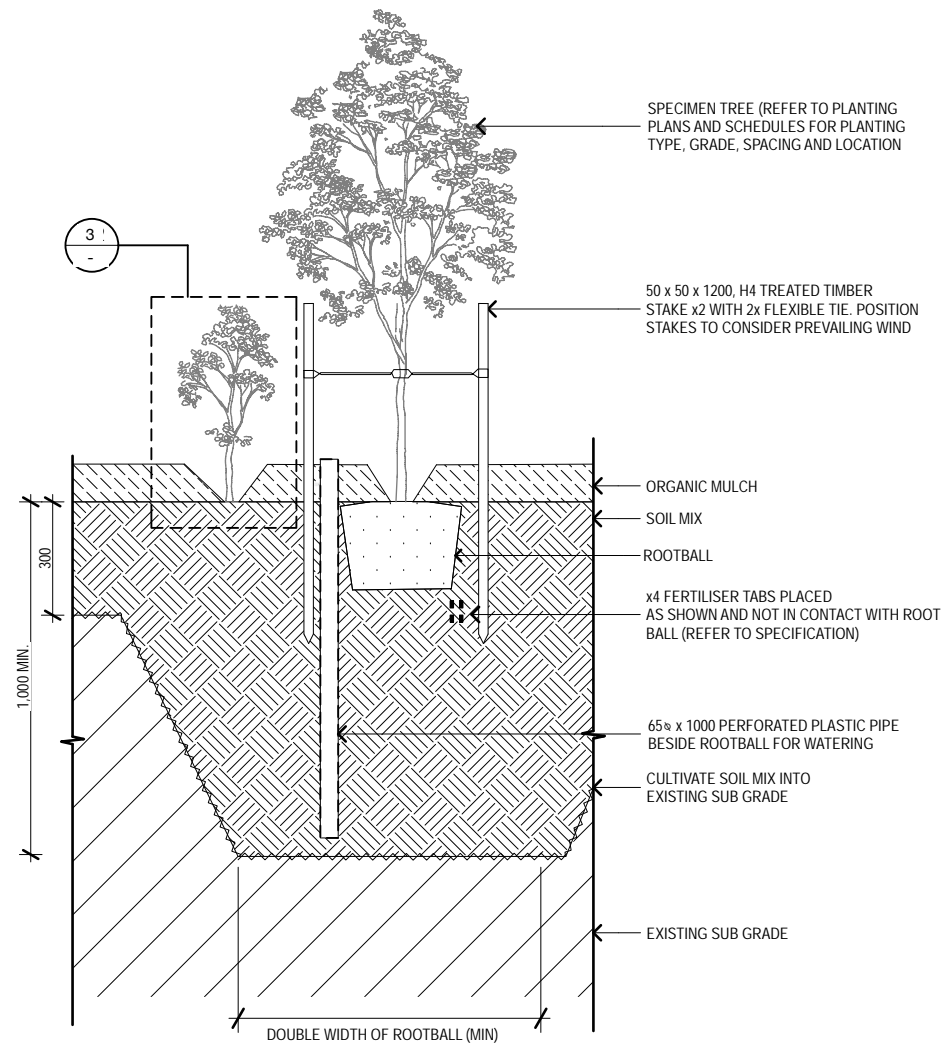
2 Lawn Detail

Scale 1:20



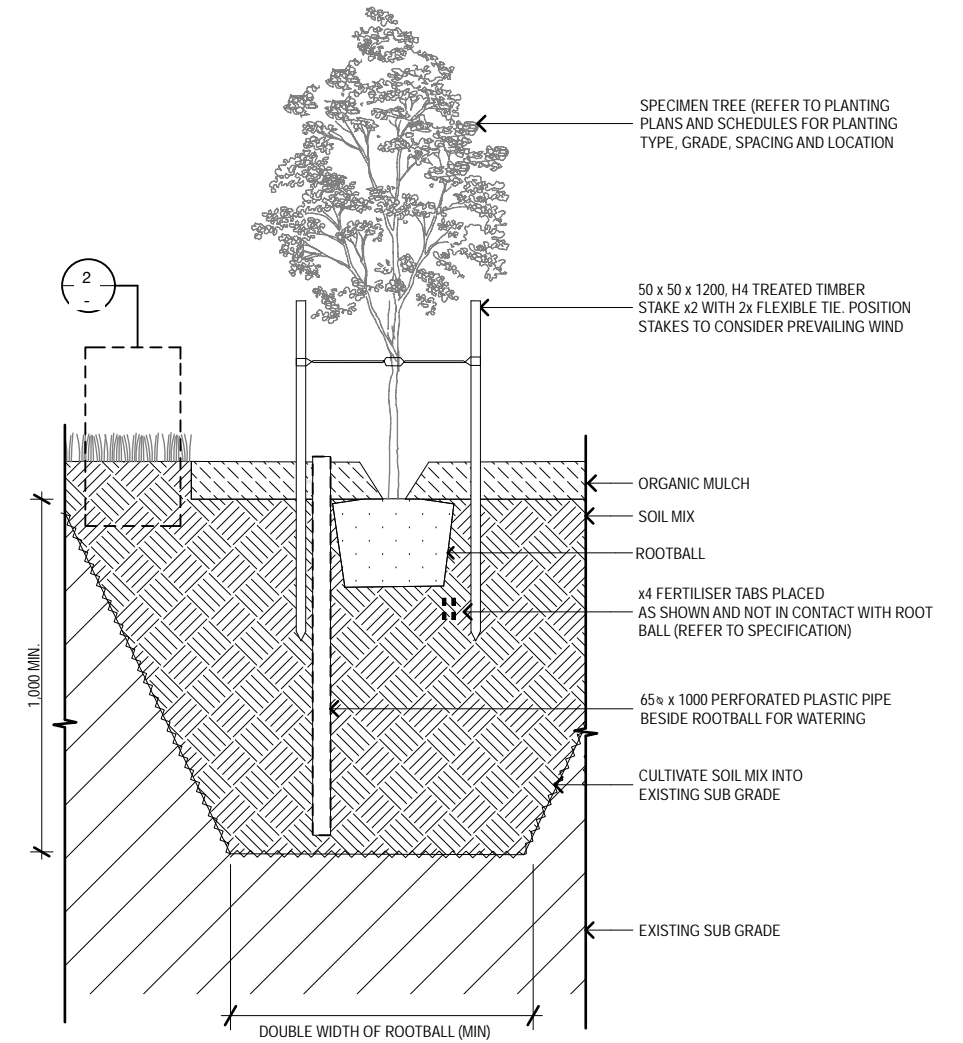
3 Terrestrial Planting Detail

Scale 1:50



4 Specimen Tree in Planting Detail

Scale 1:20



5 Specimen Tree in Grass Detail

Scale 1:20

No.	Revision	By	Chk	Appd	Date
C	100% Design for Certification	MB	SD		18/10/18
B	100% Design for Certification	MB	SD		21/09/18
A	100% Design for Certification	MB	SD		03/08/18

Scale (A1)	Design	SD/SH	18/10/18	Approved For Construction
DOUBLE SHOWN	Drawn	MB	18/10/18	
Scale (A3)	Dwg Verifier			
AS SHOWN	Dwg Check			

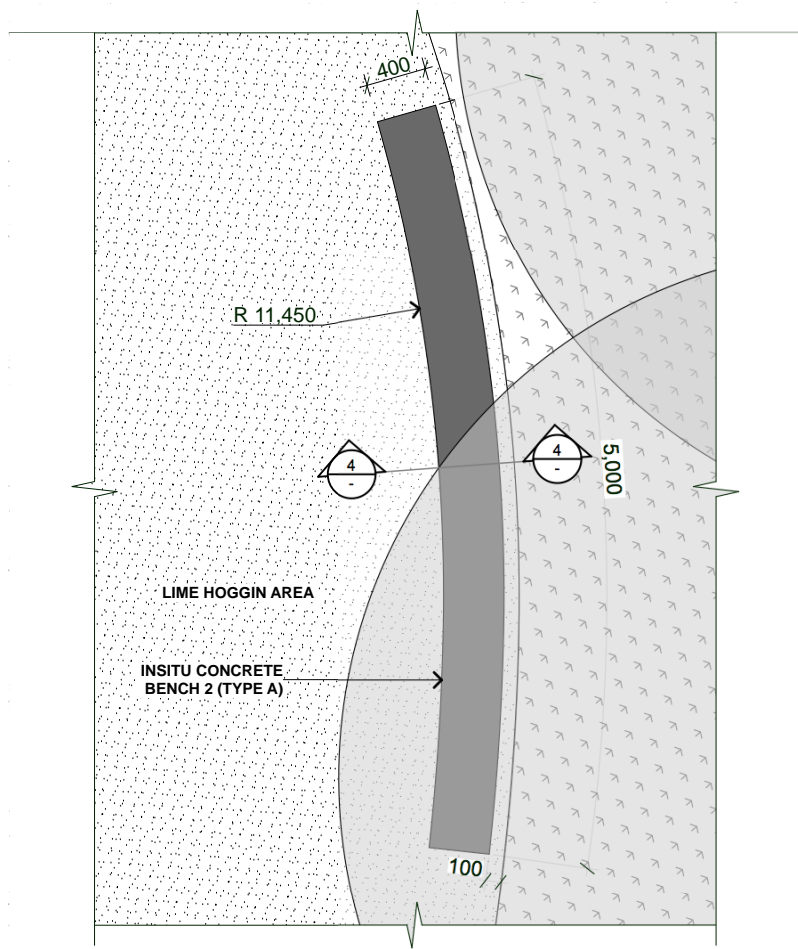
ANZ TRANSPORT AGENCY Peka Peka to Ōtaki Expressway

Fletcher HIGGINS

BECA Tonkin+Taylor

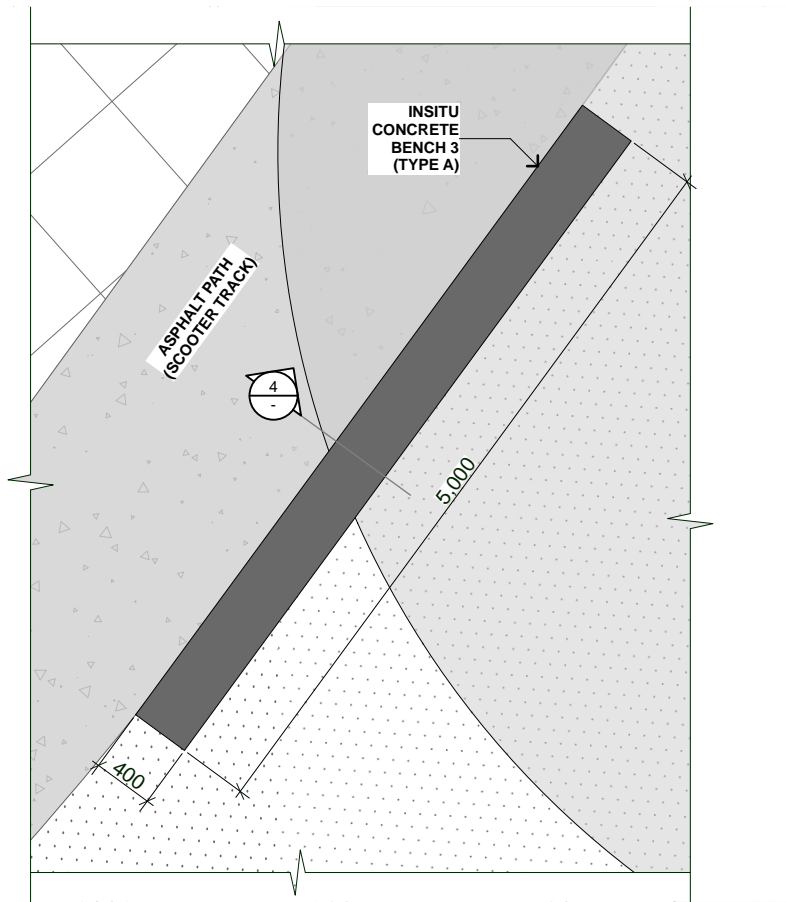
Subject: PARE-O-MATANGI LANDSCAPE PLANS	Discipline: LANDSCAPE
Title: PLANTING DETAILS	Drawing No: PP20-DR-LA-0360
	Rev: C

DEVELOPED DESIGN
NOT FOR CONSTRUCTION



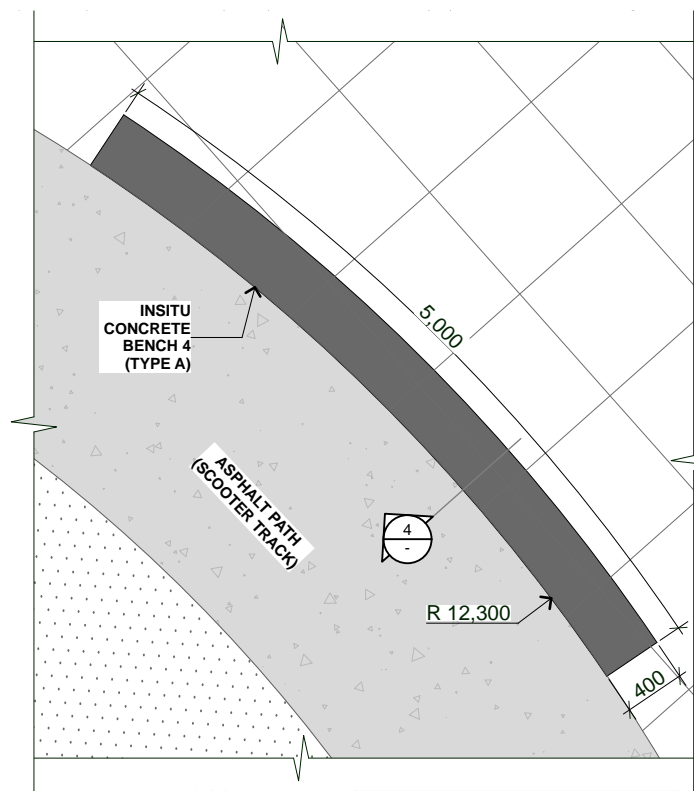
1 Concrete Bench 2 Passive Area (Type A)

Scale 1:50



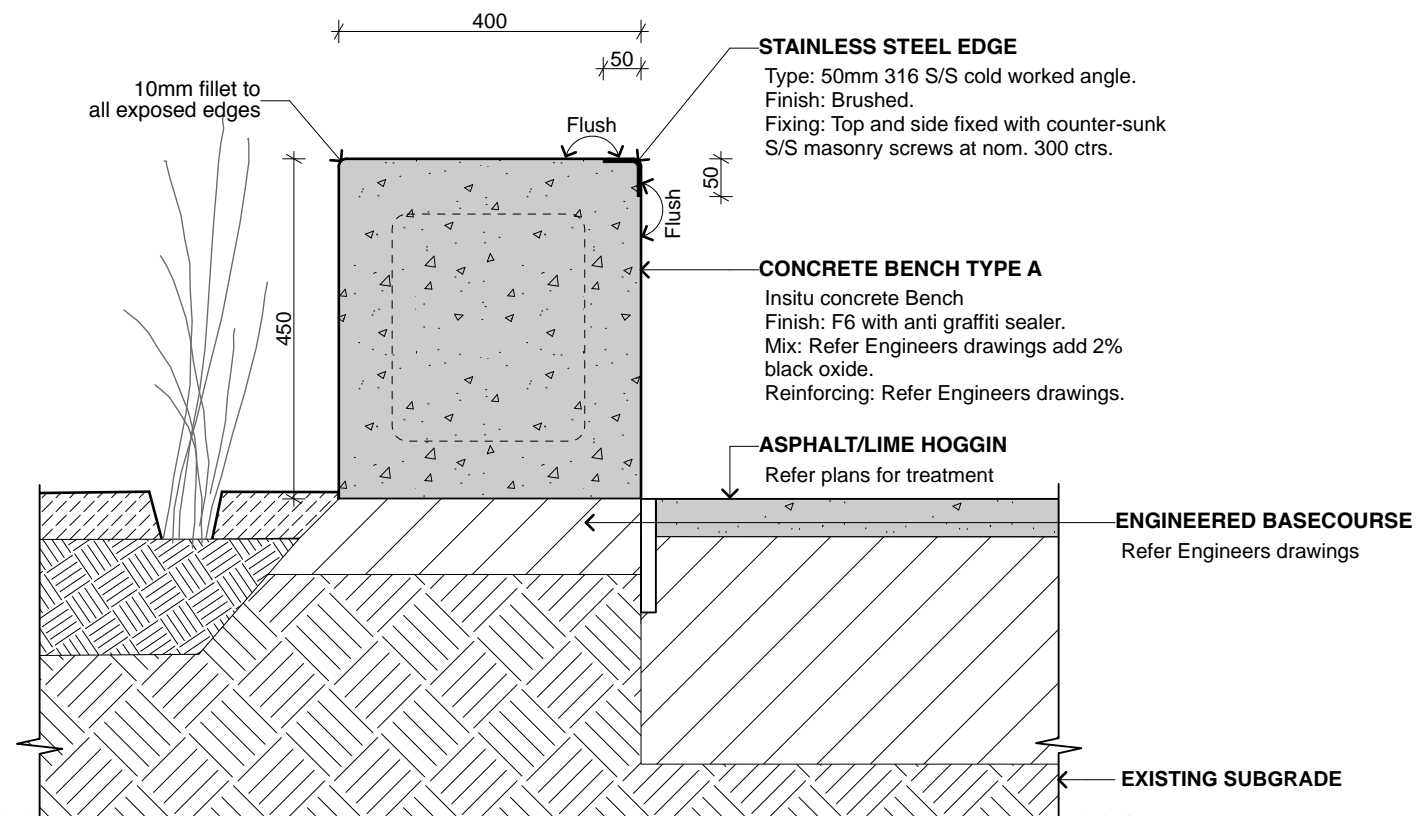
2 Concrete Bench 3 Active Area (Type A)

Scale 1:50



3 Concrete Bench 4 Active Area (Type A)

Scale 1:50



4 Concrete Bench Type A Typical Detail

Scale 1:10

No.	Revision	By	Chk	Appd	Date	Design	SD/SH	18/10/18	Approved For Construction
C	100% Design for Certification	MB	SD		18/10/18	Scale (A1) DRAWING SHOWN	Drawn	MB	18/10/18
B	100% Design for Certification	MB	SD		21/09/18	Scale (A3) AS SHOWN	Drawn	MB	18/10/18
A	100% Design for Certification	MB	SD		03/06/18		Drawn		



Peka Peka to Otaki Expressway

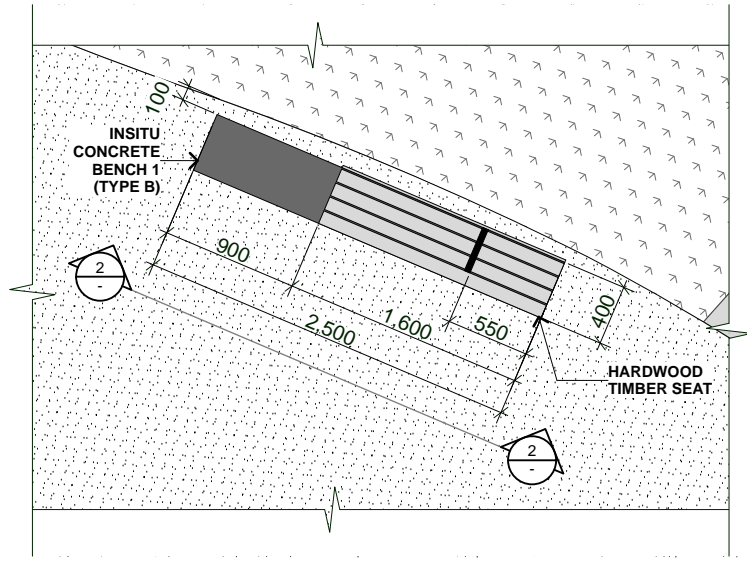


Tonkin+Taylor

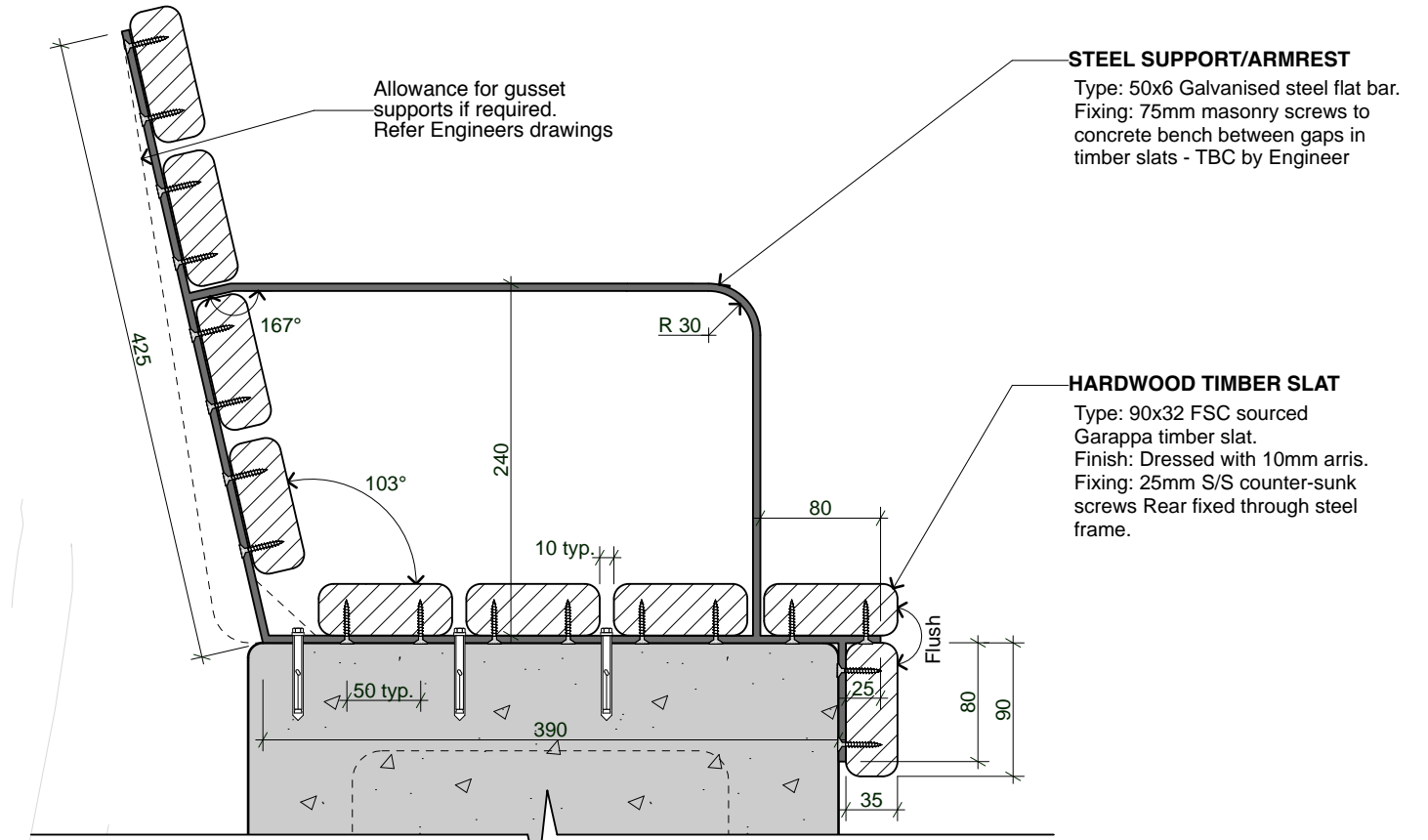
Subject:	PARE-O-MATANGI LANDSCAPE PLANS
Title:	CONCRETE BENCH A DETAILS

DEVELOPED DESIGN
NOT FOR CONSTRUCTION

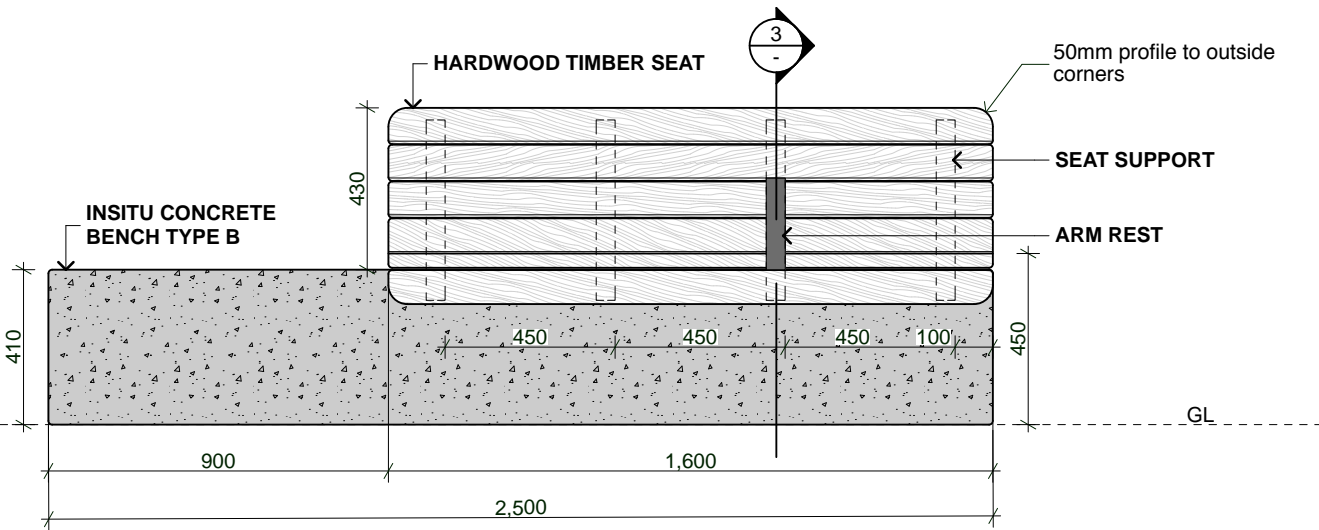
Discipline:	LANDSCAPE
Drawing No.:	PP20-DR-LA-0365
Rev.:	C



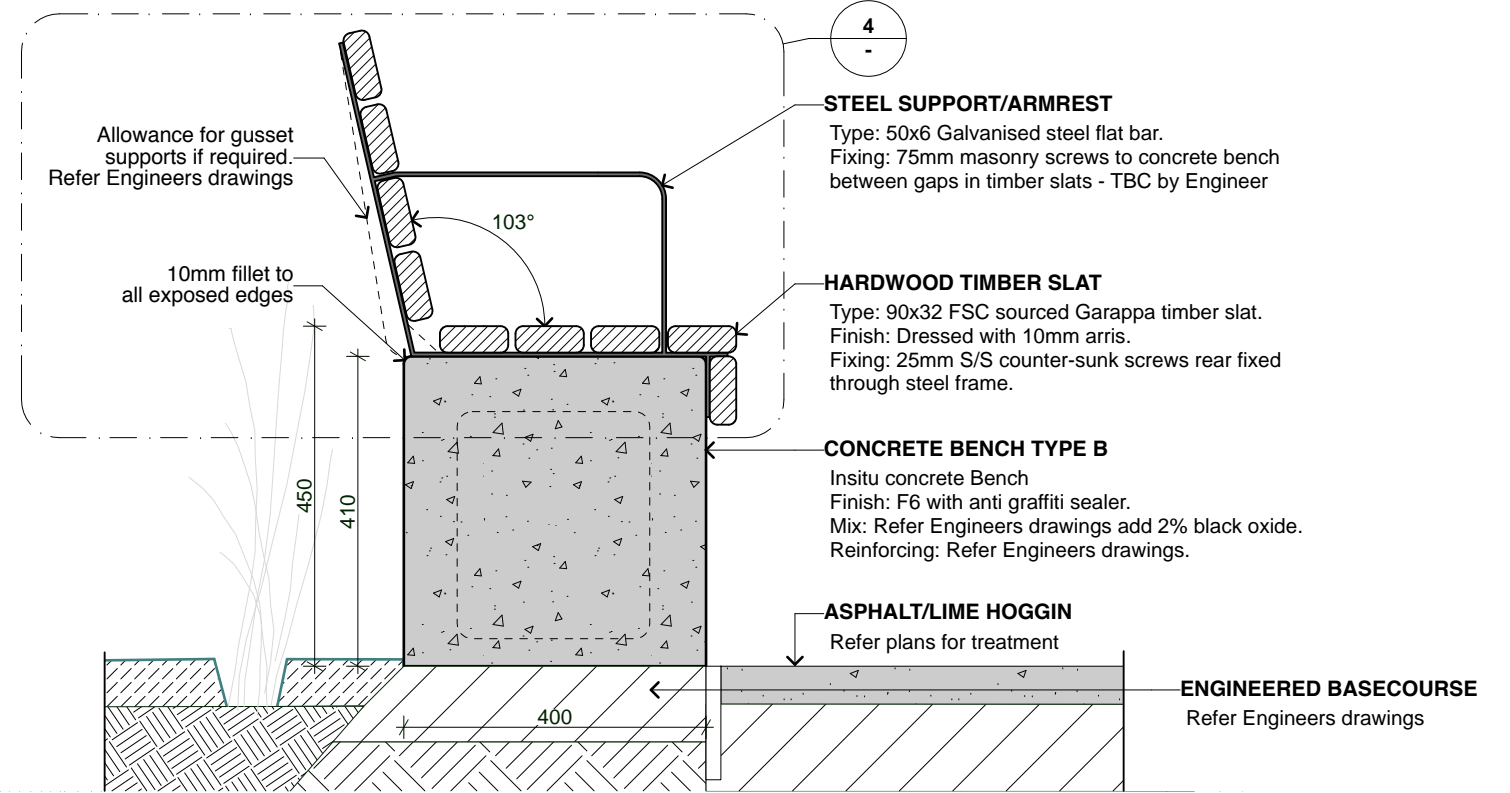
1 Concrete Bench 1 Passive Area (Type B)
Scale 1:50



4 Concrete Bench Type B Detail Section
Scale 1:5



2 Concrete Bench Type B Elevation
Scale 1:20



3 Concrete Bench Type B Detail Section
Scale 1:10

No.	Revision	By	Chk	Appd	Date
C	100% Design for Certification	MB	SD		18/10/18
B	100% Design for Certification	MB	SD		21/09/18
A	100% Design for Certification	MB	SD		03/08/18

Scale (A1) DOUBLE SHOWN Scale (A3) AS SHOWN

Design	SD/SH	18/10/18	Approved For Construction
Drawn	MB		
Drawn	MB		
Drawn	MB		
Drawn	MB		

* Refer to Original Hardcopy for Signature

ANZ TRANSPORT AGENCY **Peka Peka to Ōtaki Expressway** **Fletcher HIGGINS** **BECA** **Tonkin+Taylor**

Subject		Discipline	
PARE-O-MATANGI LANDSCAPE PLANS		LANDSCAPE	
Title		Drawing No.	
CONCRETE BENCH B DETAILS		PP20-DR-LA-0366	
		Rev.	C

DEVELOPED DESIGN
NOT FOR CONSTRUCTION