## PAVING

**P01** CONCRETE WITH BROOM FINISH 150mm thick reinforced concrete with 5kg/m<sup>3</sup> black oxide. Refer to Engineer's drawings 80504522-C4-0402 G011 to 80504522-C4-0402 G302 TYP.

**P02** CONCRETE WITH EXPOSED AGGREGATE FINISH 150mm thick reinforced concrete with lightly exposed 19mm basalt chip with 8kg/m3 black oxide Refer to Engineer's details.

**P03** CALCINED BAUXITE The Charcoal Grey (RAL 7043) coloured surfacing shall be composed of: A coloured epoxy or polyurethane resin binder, holding colour-through calcine bauxite chipping (approximate grading 1-3mm). Before application, the contractor shall grind the concrete surface to expose aggregate, and so

ensuring the adhesion of the coloured coating. Available from www.resinsurfaces.co.nz or approved equivalent. **P03A** RED CALCINED BAUXITE

The Traffic Red (RAL 3020) coloured surfacing shall be composed of: A coloured epoxy or polyurethane resin binder, holding colour-through calcine bauxite chipping (approximate grading 1-3mm). Before application, the contractor shall grind the concrete surface to expose aggregate, and so ensuring the adhesion of the coloured coating. Available from www.resinsurfaces.co.nz or approved equivalent.

**P04** DRIVEWAY RAMP Vehicle crossing to AT standard drawing GD019A-1A

P05 NOT USED

**P06** SAND-BLASTED ARTWORK 6mm depth sand-blasted artwork relief, retrofitted following path construction with edges machine ground to form a rounded chamfer. Refer to 80504522-C4-0402-G1602 for detail

**P07** EXISTING PATH Protected during the course of the construction works and reinstated as required to form a clean edge with the proposed works and its associated sawcuts.

**P08** WATERCARE AND KIWIRAIL ACCESS Asphalt Concrete with 10mm aggregate size (AC10.) Refer to Engineer's details.

## FENCING

F01 EXISTING FENCE Existing fence to be retained or otherwise to be replaced in agreement with landowner at Contractor's expense.

F02 POST, BATTEN, AND WIRE FENCE 1.2-metre-high (above ground) post, batten and wire fence. Stays, strainers, and tensioners applied at the change in fence direction and at intermediate points to maintain a taut wire and stable fenceline. Fence to be comprised of the following units:

- 100x125x2100 mm H5 rough sawn timber posts @ 5000 mm centres. Post driven or augered, with the surrounding ground then
- rammed to achieve a stable footing. 6 intermediary 50x50mm H3 timber battens placed at equal intervals (approx. 715mm
- centres) • 6 rows of 3.15 zinc aluminum wire held in place by 40mm plain shanked staples.
- All timber should be free of imperfections such

as large knots, bends or cracks.

**F03** STAND ALONE TIMBER POSTS 100x125x2100 mm H5 rough sawn timber posts. Post driven to be 1.2m above finished ground level, with the surrounding ground then rammed to achieve a stable footing.

## F04 BOLLARD

150X150mm Standalone steel bollards @1400MM centres embedded in concrete foundation. Refer to Engineer's details.

F04A REMOVABLE BOLLARD 150X150mm folding steel bollards or lockable steelm bollards slotted in steel socket @1400MM centres. Refer to Engineer's details

F05 TIMBER BALUSTRADE TO PATH EDGE 1.2m high balustrade (CH2090-2200) and 1.4m high balustrade (CH540-560 & CH2470-2565) Refer to Engineer's details 80504522-Č4-0402 G679

F06 STEEL FIN BALUSTRADE 1.4m high steel fins appended to major bridges. Refer to Engineer's details 80504522-C4-0402 G537 to G538 for Bridge B2 80504522-C4-0402 G590 to G594 for Bridge B6

F07 TIMBER BALUSTRADE TO BOARDWALK 1.2m high H3.2 timber battens fixed to steel frame. Refer to Engineer's details

80504522-C4-0402\_G679

F08 CHAIN LINK FENCE 1800mm high, 3.15mm gauge with 50mm diamond mesh galvanised chain link fence with 2m post spacing and top wire. Poles to be coated Bokara Grey.

## LIGHTING:

L01 WALL WASH LIGHTING LED strip up-lighting of naming wall. Glide 67 extrusion G125 or equivalent. Refer to Engineering Details.

L02 CODE NOT USED

## VEGETATION

V01 - PLANTING TYP Refer to Planting Plans A15155\_S2\_400 to A15155\_S2\_426

## V02 - GRASS TYP

Reinstate grass areas where required following construction using Ryegrass/ Chewing Fescue/ Brown Top seed mix to be approved by the Landscape Architect.

**V03** - COIR EROSION CONTROL FABRIC 450g/m2 approved fully biodegradable Coir Mat with 100% warp and weft coir, such as 450J coir product from permathene or accepted equivalent by the Landscape Architect.

## STRUCTURES

**S01** INSITU CONCRETE WALL Standard portland grey concrete with 3kg/m3 black oxide, light sandblast finished, sealed with stainstop by Lithofin, clear graffiti guard to be applied. Refer DWGs A15155 S2 110 and 131 for set out and details as below:

> S01 A - Refer to 80504522-C4-0402 1605 and 80504522-C4-0402\_1606 **S01 B** - Refer to 80504522-C4-0402 1605 and 80504522-C4-0402 1606 S01 C - Refer to 80504522-C4-0402 1605 and 80504522-C4-0402\_1607 **S01 D** - Refer to 80504522-C4-0402 1605 and 80504522-C4-0402\_1607

## **S02** POU

Location of pou to be installed by artist. Refer to 80504522-C4-0402-G1603 and 80504522-C4-0402-G1604

S03 ENTRY SIGN

Steel panel with entry signage to be fixed to wall. Refer DWGs A15155 S2 110 and 131 for set out and details as below:

> **S01 A** - Refer to detail 01 80504522-C4-0402 1608 S01 B - Refer to detail 02 80504522-C4-0402 1608

> S01 C - Refer to detail 01 80504522-C4-0402 1609 **S01 D** - Refer to detail 02 80504522-C4-0402\_1609

**S04** 3M TIMBER SEAT WITH BACKING 3000 x 400 x 400mm Purple heart Hardwood with skateboard deterrents by Hunua Park Furniture Refer to 80504522-C4-0402\_1610 for detail

**S04A** TIMBER SEAT WITHOUT BACKING 3000 x 400 x 400mm Purpleheart heart Hardwood with skateboard deterrents by Hunua Park Furniture. Refer to 80504522-C4-0402\_1610 for detail

**S05** CARVED WOODEN HANDRAIL Machine carved wooden holdrail as art installations at leads-ins to major bridges. Refer to 80504522-C4-0402-G1600

**S06** FALL PROTECTION SCREEN WITH ARTWORK INTEGRATED Laser cut/hole punched, coated steel panels as art installations at leads-ins to major bridges. Refer to 80504522-C4-0402-G1601

**S07** KIWIRAIL ACCESS WARNING SIGN Warning sign design and detail to be provided by Kiwirail

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## NOTES

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FIGURED DIMENSIONS TO BE TAKEN IN PREFERENCE TO SCALED DIMENSIONS.

KEY

PLANTING LEGEND

## GENERAL NOTES:

	MIX01 - ENTRANCE		RIMU (Dacrydium cupressinum)	All drawings to be read in c landscape specifications.
	MIX03 - HARAKEKE	(-+)	KOHEKOHE (Dysoxylum spectabile)	All structural / building work
	MIX04 - PATH EDGE	*	PURIRI (Vitex lucens)	Engineer's approval.
	MIX05 - BOUNDARY	$( \circ )$	KAHIKATEA (Dacrycarpus dacrydioides)	All levels to be read with re topographical survey file
	MIX06 - RETAINING WALL	$(\cdot)$	POHUTUKAWA (Metrosideros excelsa)	Drawings not to be scaled,
	MIX07 - GULLY	$\odot$	POHUTUKAWA 80L (Metrosideros excelsa)	measurements only.
	MIX08 - ENRICHMENT OF EXISTING BUSH- LOOKOUT AREA	(i)	TOTARA (Podocarpus totara)	Set out to be checked and Engineer and Landscape A
	MIX08a - ENRICHMENT OF EXISTING BUSH- ST JOHNS STREAM	*	TITOKI (Alectryon excelsus)	Engineer and Landscape A
	MIX09 - PATH EDGE LOOKOUT	$\odot$	KARAKA (Corynocarpus laevigata)	[
	MIX10 - WILLOW WETLAND RESTORATION	$\bigcirc$	KARO (Pittosporum crassifolium)	SOFT LANDSCAPE NOTE
	MIX11 - LOOKOUT	$\mathcal{D}$	REWAREWA (Knightia excelsa)	All grass areas to be finished adjoining surface to allow for
	MIX12 - MEADOW	£3	KOWHAI (Sophora tetraptera)	Refer to Specification for g
	MIX12a - MEADOW EDGE	$\odot$	KOHUHU (Pittosporum tenuifolium)	requirements.
	MIX13 - WETLAND RESTORATION	$\odot$	TARATA (Pittosporum eugenioides)	All trees to be inspected & Landscape Architect prior t
	MIX14 - RAIL EDGE SOUTH	2824 - 100 1975 - 100 1975 - 100	CABBAGE TREE (Cordyline australis)	Absolute planting numbers
	MIX15 - RAIL EDGE NORTH	$\odot$	NIKAU (Rhopalostylis sapida)	Contractor to ensure suffici specified planting densities
	MIX16 - RAIL EDGE SETBACK	*	MAMAKU (Cyathea medullaris)	All planted areas to be finis
	MIX17 - ENRICHMENT LOWLAND RIPARIAN	*	PONGA (Cyathea dealbata)	accordance with Drawings
	MIX18 - MANUKA SHRUBLAND			Refer to Specification for repreparation of planting area
	MIX19 - LOWLAND RIPARIAN FOREST			
	MIX20 - BISHOP SELWYN SITE			FURNITURE NOTES:
	MIX21 - COASTAL SCRUB			All timber for seating eleme
	MIX22 - PATH EDGE TAHAPA RESERVE			Barrier' graffiti guard applie
	MIX23 - ENRICHMENT			
	MIX24 - COASTAL ESCARPMENT			
	MIX24a - COASTAL ESCARPMENT- MEADOWBANK CLIFF			
	MIX25 - COASTAL POHUTUKAWA BANK			
	MIX26 - BOARDWALK HIGH			
	MIX27 - BOARDWALK LOW			
	GRASS			
Deg Se	RIPRAP			
	PROPOSED PLANTING EXTENT			
0	EXISTING TREE			

EXISTING TREE

RI -	EV DATE 21.04.20	DESCRIPTION FOR INFORMATION	AUCKLAND TRANSPORT	TE   Sec
			FOR INFORMATION	KEY

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> All insitu concrete paving to include expansion joints in accordance with Specification and Drawings to Engineers approval.

All concrete finishes to be in accordance with NZS 3114:1987

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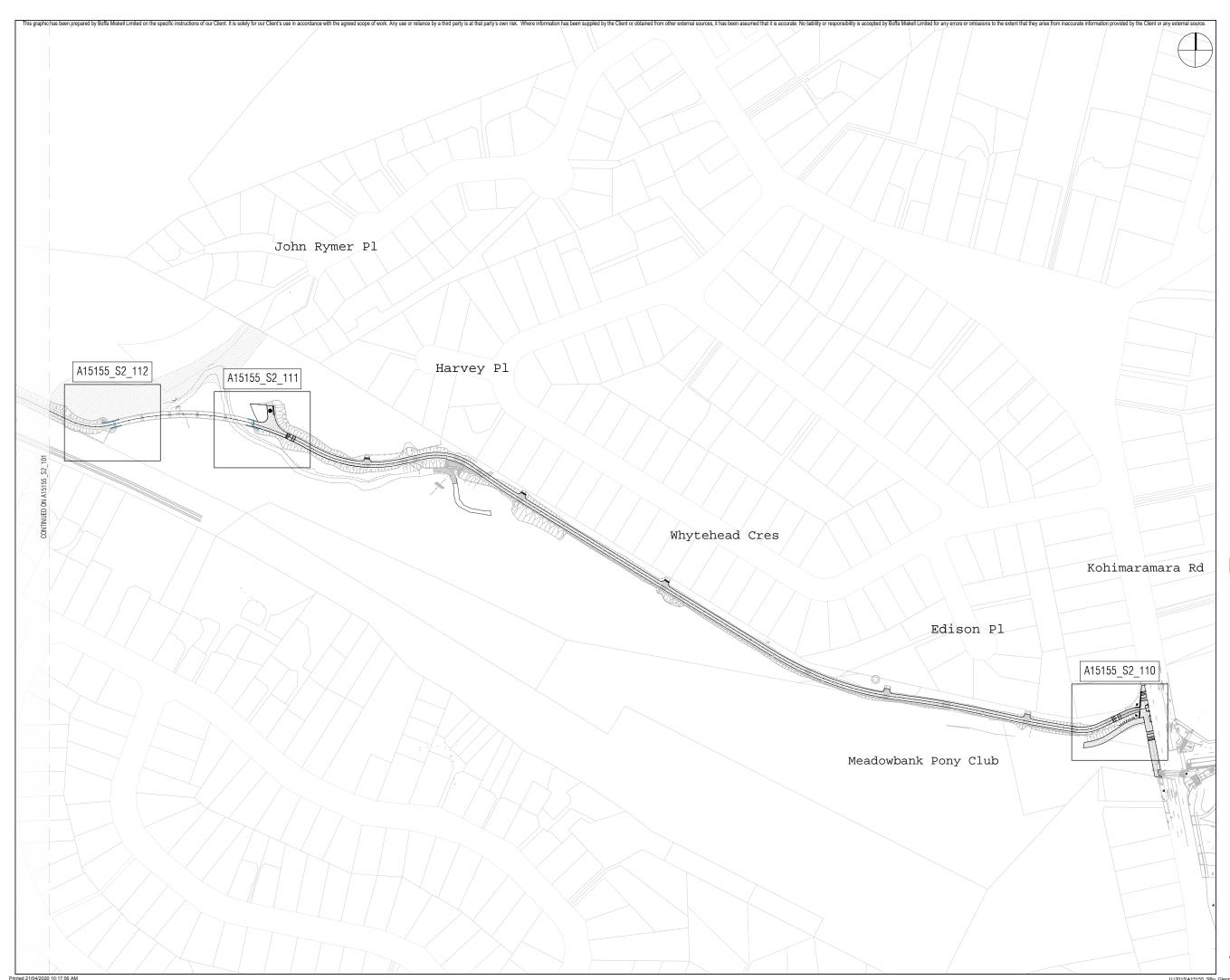
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- 21.04.20 FOR CONSTRUCTION REV DATE DESCRIPTION

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Design LCh Drawn LCh Check MLe Appv'd MLe

Scale 1:1250 @ A1 1:2500 @ A3

Date 21.04.2020

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TE ARA KI UTA KI TAI Section 2

# GENERAL ARRANGEMENT SHEET LOCATION PLAN

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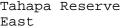
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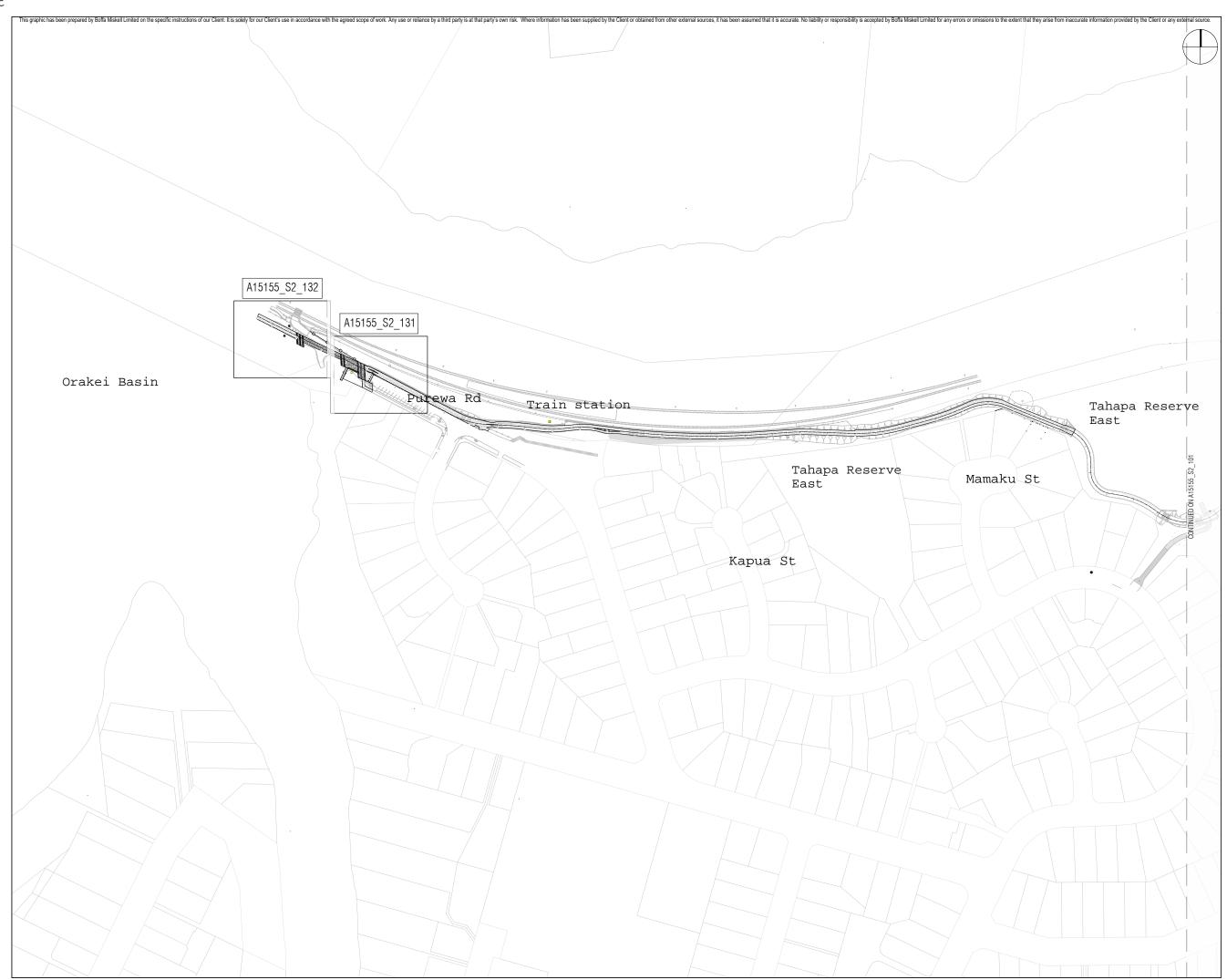




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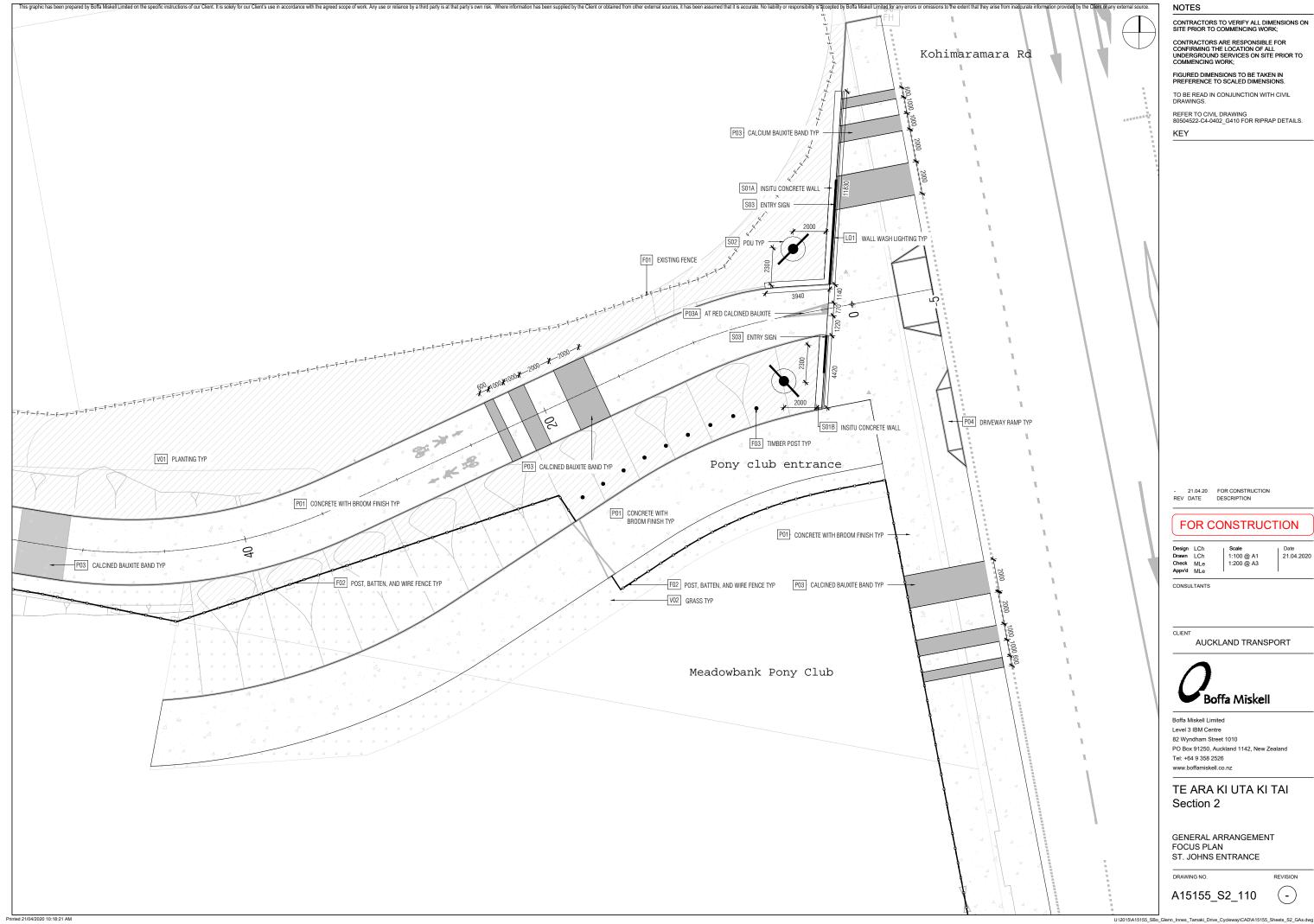
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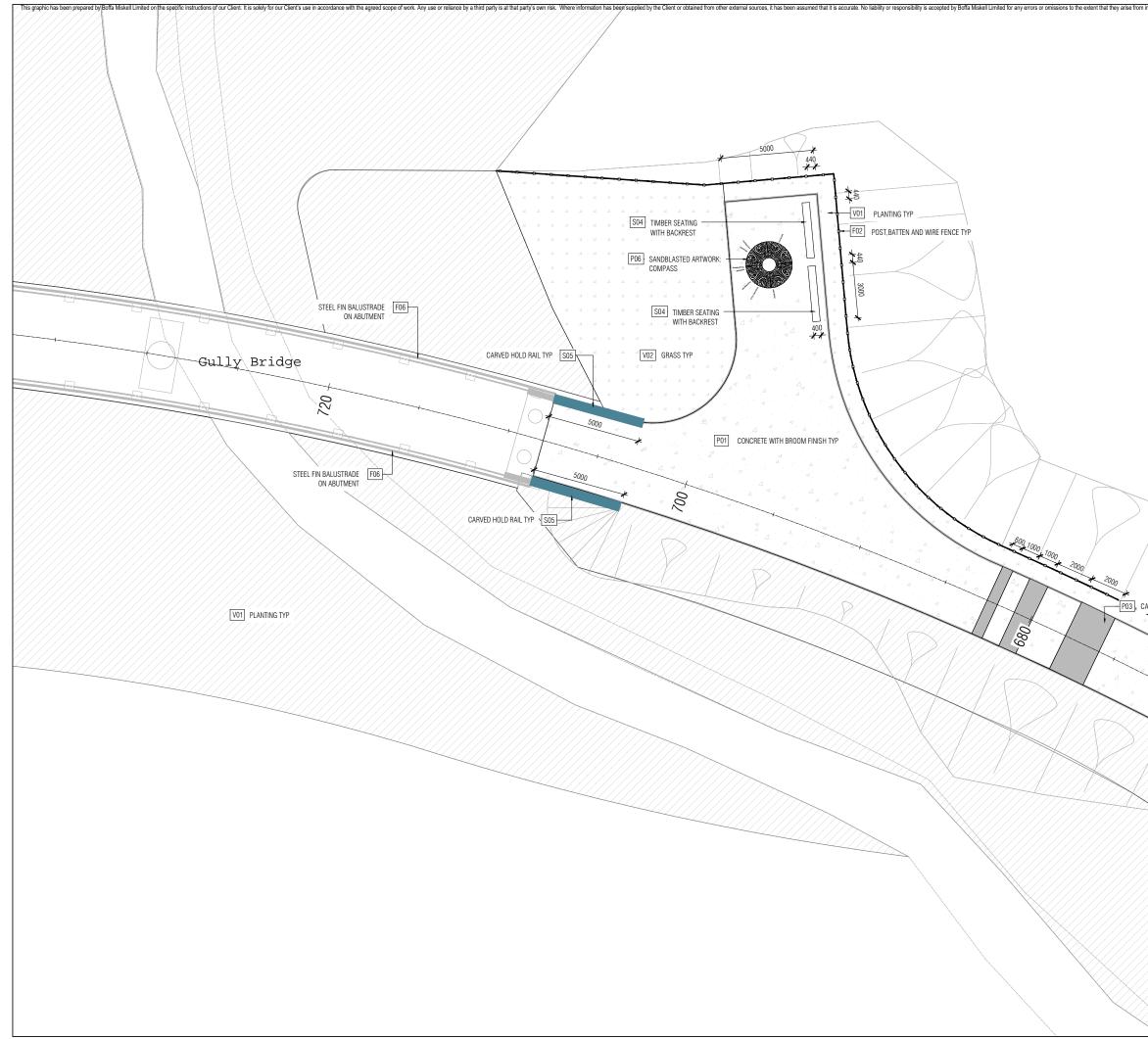
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P03, CALCINED BAUXITE BAND TYP



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1 15.05.20 FOR INFORMATION - 21.04.20 FOR INFORMATION REV DATE DESCRIPTION

FOR INFORMATION

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Date 21.04.2020

## GENERAL ARRANGEMENT FOCUS PLAN TURN-AROUND B2 GULLY BRIDGE

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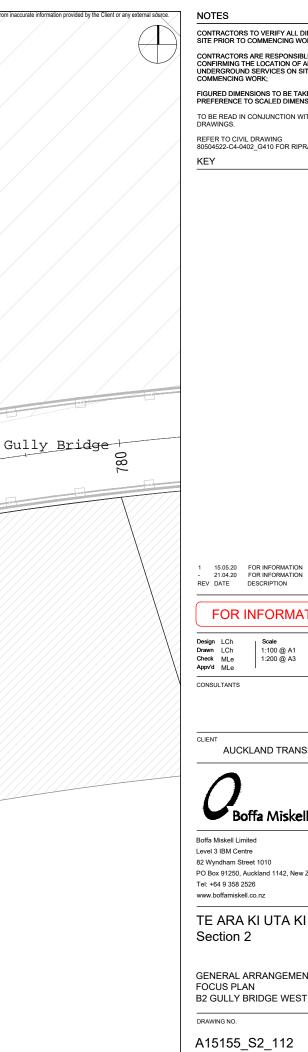
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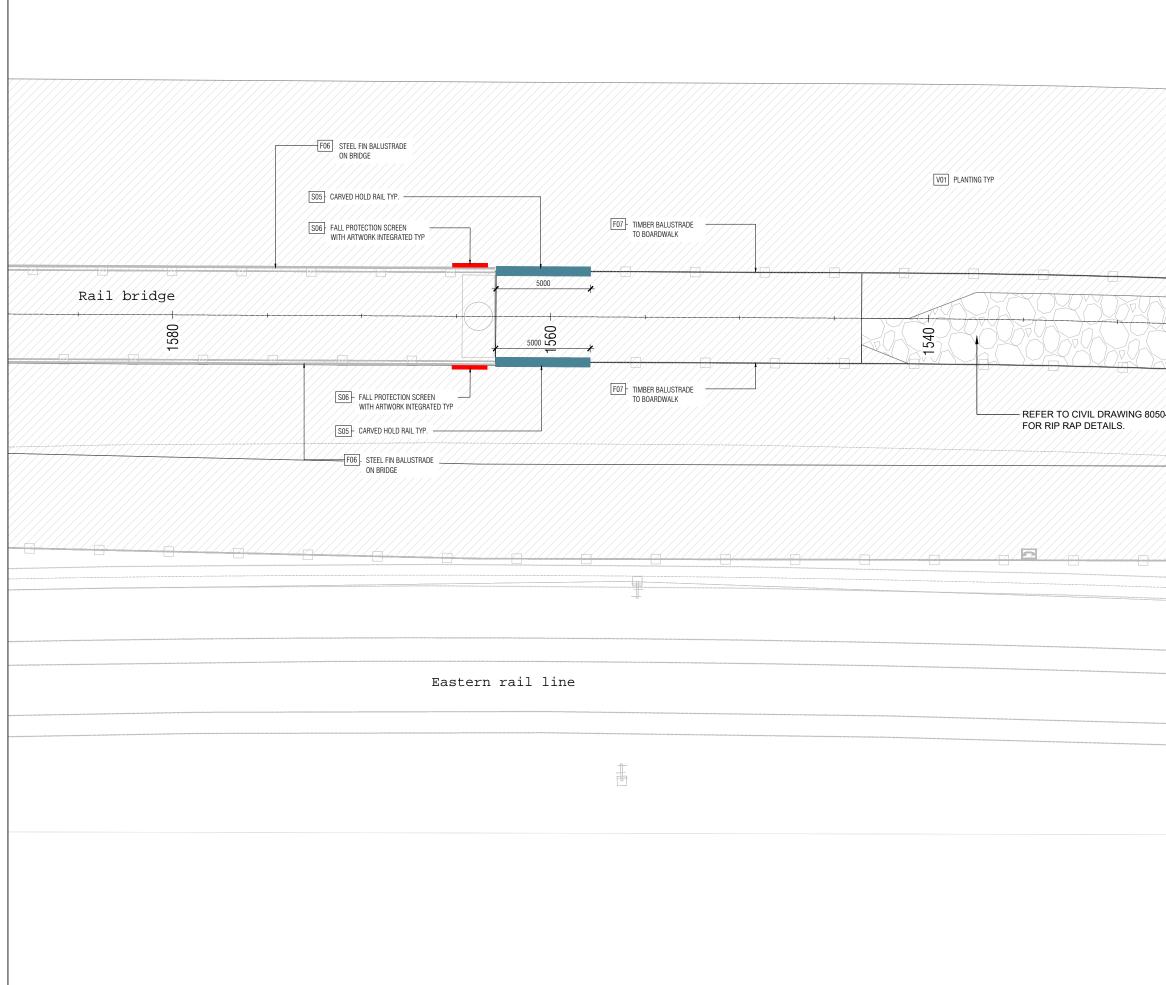
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## GENERAL ARRANGEMENT FOCUS PLAN B2 GULLY BRIDGE WEST END

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F06 STEEL FIN BALUSTRADE ON BRIDGE			
		V01 PLANTING TYP	
S05 CARVED HOLD RAIL TYP.			
SO6 FALL PROTECTION SCREEN	F07- TIMBER BALUSTRADE TO BOARDWALK		
WITH ARTWORK INTEGRATED TYP	IU DUANDWALK		
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S06 FALL PROTECTION SCREEN	F07- TIMBER BALUSTRADE TO BOARDWALK		
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			Section 2
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			B6 BRIDGE EAST END
			A15155_S2_121



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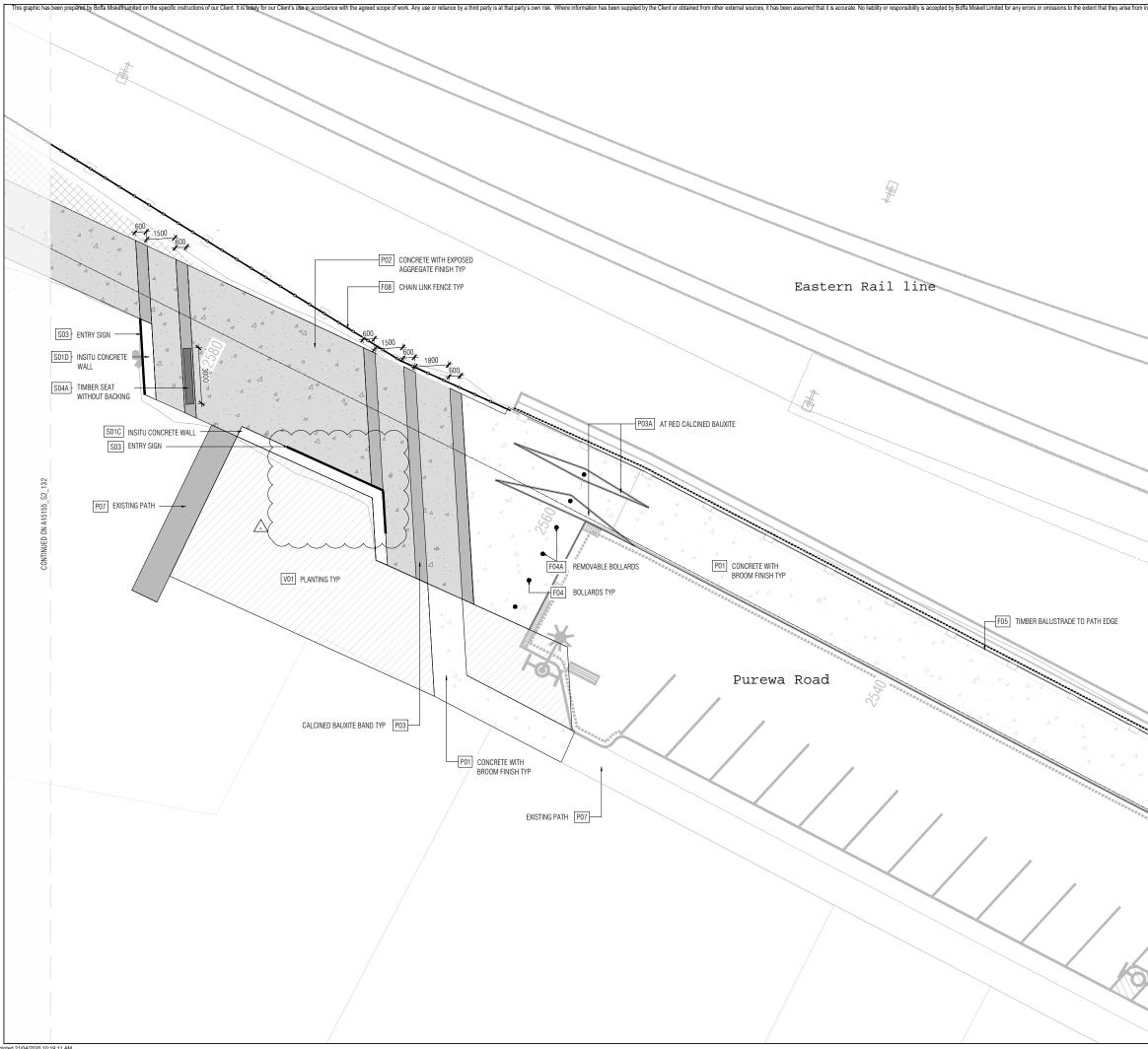
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GENERAL ARRANGEMENT FOCUS PLAN **B6 BRIDGE WEST END** 







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GENERAL ARRANGEMENT FOCUS PLAN MEADOWBANK EAST

DRAWING NO.



