

LITTLE YARRA RIVER TRAIL

WARBURTON RAIL TRAIL TO RIVERSDALE ROAD, YARRA JUNCTION LANDSCAPE CONSTRUCTION PACKAGE - FOR TENDER

DRAWING SCHEDULE

L000 LEGEND & GENERAL NOTES
L001 SITE PLAN

100 SERIES - PATH ALIGNMENT

L101 WARBURTON RAIL TRAIL TO DRAIN CROSSING
L102 DRAIN CROSSING TO RIVER MEANDER
L103 RIVER MEANDER TO WARBURTON HIGHWAY
L104 WARBURTON HIGHWAY TO LARGE MANNA GUMS
L105 YARRA-SILVAN CONDUIT RESERVE TO LITTLE YARRA RIVER
L106 YARRA-SILVAN CONDUIT RESERVE TO RIVERSDALE ROAD

200 SERIES - DETAIL PLANS

L201 WARBURTON RAIL TRAIL STEPS/RAMP & PICNIC AREA
L202 DRAIN CROSSINGS FOR PEDESTRIAN AND MAINTENANCE VEHICLES
L203 WETLAND VIEWING PLATFORM & GATED ENTRY
L204 GATED ENTRY, TIMBER LOG SEAT & PATH UNDER MATURE MANNA GUM
L205 PIPE TRACK CULVERT CROSSING, PRIVACY SCREEN & GATED ENTRY

300 SERIES - LANDSCAPE SECTIONS

L301 WARBURTON RAIL TRAIL STEPS/RAMP
L302 SEATING. MUDSTONE SEAT, LOG SEAT AND WETLAND VIEWING

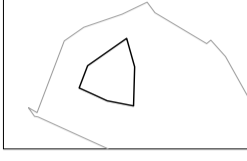
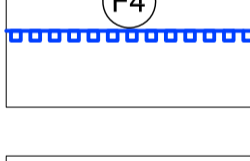

400 SERIES - LANDSCAPE DETAILS

L401 SURFACE FINISH & EDGING DETAIL
L402 STEEL BARRIERS & HANDRAILS DETAIL
L403 CULVERT BARRIERS & BOLLARD DETAIL
L404 SCREEN CONCEPT DESIGN OPTIONS
L405 CHAIN WIRE COVER FOR PIPE VALVE DETAIL

500 SERIES - PLANTING PLANS

L501 PLANTING PLAN - REVEGETATION ZONE 1
L502 PLANTING PLAN - REVEGETATION ZONE 2
L503 PLANTING PLAN - REVEGETATION ZONE 3
L504 PLANTING PLAN - REVEGETATION ZONE 4
L505 PLANTING PLAN - REVEGETATION ZONE 5
L506 PLANT SCHEDULE

LEGEND

	EXISTING SITE CONTOUR		PROPOSED COURSE WOOD HABITAT TO WETLAND
	EXISTING SPOT LEVEL		FLOOD WARNING SAFETY SIGNAGE (BY OTHERS)
	PROPOSED NEW LEVEL		EXISTING UNDERGROUND PIPELINE APPROX. LOCATION PROVIDED ONLY -EXACT LOCATION TO BE CONFIRMED WITH UNDERGROUND SERVICE DETECTION AS REQUIRED
	EXISTING TREE TO BE RETAINED AND PROTECTED		EXISTING FENCE
	EXISTING TREE TO BE REMOVED		HANDRAIL MODDEX -AR30
	REVEGETATION ZONE - REFER TO DETAILED PLANTING PLANS FOR PLANTING ZONES		FENCING TYPE 01- FULL BARRIER FENCING MODDEX BIKESAFE -BS40
	WETLAND REFER TO CIVIL DESIGN		FENCING TYPE 02- PARTIAL BARRIER FENCING MODDEX BIKESAFE - BS30
	REFER TO ARBORIST REVIEW FOR CONSTRUCTION METHODS IN STRUCTURAL ROOT ZONE		FENCING TYPE 03- PARTIAL BARRIER FENCING TIMBER FENCE AS PER MW STANDARD
	PROPOSED 2.5m SHARED PATH CEMENT STABILISED GRAVEL TOPPINGINGS		FENCING TYPE 04- SCREEN FENCE TO PIPE TRACK
	OFFSET LINE 300mm OFFSET ON EITHER SIDE OF PATH TO BE CLEAR OF OF STRUCTIONS (ROCKS, CULVERT WALLS, FENCING & TREES)		FENCING TYPE 05- STEEL SAFETY BARRIER/FENCING TO WATER PIPE VALVES
	PROPOSED CULVERT CROSSING FOR SHARED PATH & MAINTENANCE VEHICLE		TIMBER BOLLARDS WITH REFLECTORS MAY NOT BE REQUIRED
	PROPOSED VIEWING PLATFORM		ROAD SAFETY BARRIERS
	PROPOSED STEPS		
	PROPOSED CONCRETE RETAINING PLINTH		
	PROPOSED CONCRETE CULVERTS REFER TO DWG. L101,L102, L103, L105 FOR CULVERT SIZING & REQUIREMENT		
	PROPOSED ROCKWORK AT CULVERT LOCATIONS AS PER CIVIL DESIGN		
	PROPOSED ROCK SEAT		
	PROPOSED TIMBER LOG SEAT		

GENERAL NOTES

- PATH SETOUT:**
- PLEASE NOTE THAT EXISTING CONTOURS AND LEVELS ARE NOT SHOWN FOR THE ENTIRE EXTENT OF TRAIL ALIGNMENT, SUCH AS ON PIPE RESERVE AND ROAD AND HIGHWAY EASEMENTS
 - PATH TO (GENERALLY) FOLLOW EXISTING GRADIENT, UNLESS NOTED OTHERWISE
 - PATH EXCAVATION DEPTH NOT TO EXCEED 150mm (REFER TO TYPICAL DETAIL)
 - SITE VISIT IS STRONGLY RECOMMENDED BEFORE TENDERING AND CONSTRUCTION
 - SUPERINTENDENT TO CHECK SETOUT BEFORE CONSTRUCTION

- PATH EDGE TREATMENT:**
- REFER TO SECTIONS FOR TREATMENT OF BATTERS AND SET OUT BARRIER FENCING

- PATH & BARRIER ALIGNMENT DESIGN:**
- TO BE CONSTRUCTED TO 'SHARED PATH AUSROADS STANDARD'
 - REQUIREMENTS FOR FENCE BARRIERS AT BATTERS AND VERTICAL DROPS AS SHOWN IN DETAIL SHEETS
 - REFER TO DETAIL DESIGN AND ENGINEER FOR PARTIAL AND FULL BARRIER FENCING
 - FULL BARRIER OR PARTIAL BARRIER FENCING AS REQUIRED TO SHARDED PATH AT LOCATIONS
 - CULVERT DROP OFFS
 - STEEP EMBANKMENT
 - BOARDWALK
 - SPLAYED ENDS TO BARRIER FENCING TO BE INSTALLED TO AUSROAD STANDARDS
 - AT SMALL CULVERT CROSSING LOCATIONS, WHERE FULL OR PARTIAL BARRIERS ARE NOT REQUIRED, PLEASE ALLOW FOR INSTALLATION OF TIMBER BOLLARDS WITH REFLECTORS

- PATH CONSTRUCTION IN TREE TPZ & SRZ:**
- TO ENSURE MANNA GUM IS NOT EXCESSIVELY COMPROMISED IT IS RECOMMENDED THAT:
- INSTALL PATH ABOVE GROUND WHERE THE TPZ EXTENDS - REMOVE 50mm TURF/ORGANIC LAYER ONLY WITHIN TPZ/SRZ
 - ALL EARTHWORKS IN SRZ MUST BE DONE BY HAND, ROOT >50mm DIAMETER MUST NOT BE SERVERED (RAISE PATH WITH FILL/WHERE NECESSARY)
 - INSTALL TEMPORARY FENCING FOR TPZ AREA WHERE WORKS ARE NOT ESSENTIAL

- WORKMANSHIP:**
- BUILDER TO REPORT ANY DOCUMENTATION DISCREPANCIES TO THE MELBOURNE WATER PROJECT MANGER PRIOR TO THE COMMENCEMENT OF ANY WORKS.

FIGURED DIMENSIONS TO TAKE PRECEDENCE OVER SCALED MEASUREMENTS.

ALL CONSTRUCTION MATERIALS AND WORKMANSHIP TO BE IN ACCORDANCE WITH THE BUILDING CODE OF AUSTRALIA AND RELEVANT AUSTRALIAN STANDARDS.

THE LANDSCAPE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH STRUCTURAL AND CIVIL ENGINEERS DOCUMENTATION FOR DETAIL DESIGN

CONTRACTORS MUST VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING ANY WORK OR MAKING SHOP DRAWINGS.

TERMITE TREATMENT TO LOCAL AUTHORITY GUIDELINES.

ALL EXTERNAL STEEL WORK TO BE HOP DIPPED GALVANIZED.

ALL EXPOSED TIMBER TO BE DRESSED.

ALL FITTINGS AND FIXTURES INSTALLED TO MANUFACTURES RECOMMENDATIONS

WARNING:

THE CONTRACTOR MUST CONTACT ALL SERVICE AUTHORITIES AND VERIFY THE LOCATION OF ALL SERVICES ON SITE PRIOR TO COMMENCING WORKS AND ALSO CONFIRM THAT THERE ARE NO OTHER ASSETS OWNED BY ANY OTHER ENTITY WHICH MAY BE AFFECTED BY THE WORKS.

THERE IS NO GUARANTEE THAT ALL SERVICES ARE SHOW

UNDERGROUND PIPE ALIGNMENT IN PIPELINE RESERVES IS APPROX. ONLY AND WILL NEED TO BE CHECK AS REQUIRED.

L000 DRAFT

XX
Job No
Melbourne Water
Proprietor
Little Yarra River Trail
Project
Warburton Rail Trail to
Riversdale Road
Yarra Junction
Site Address

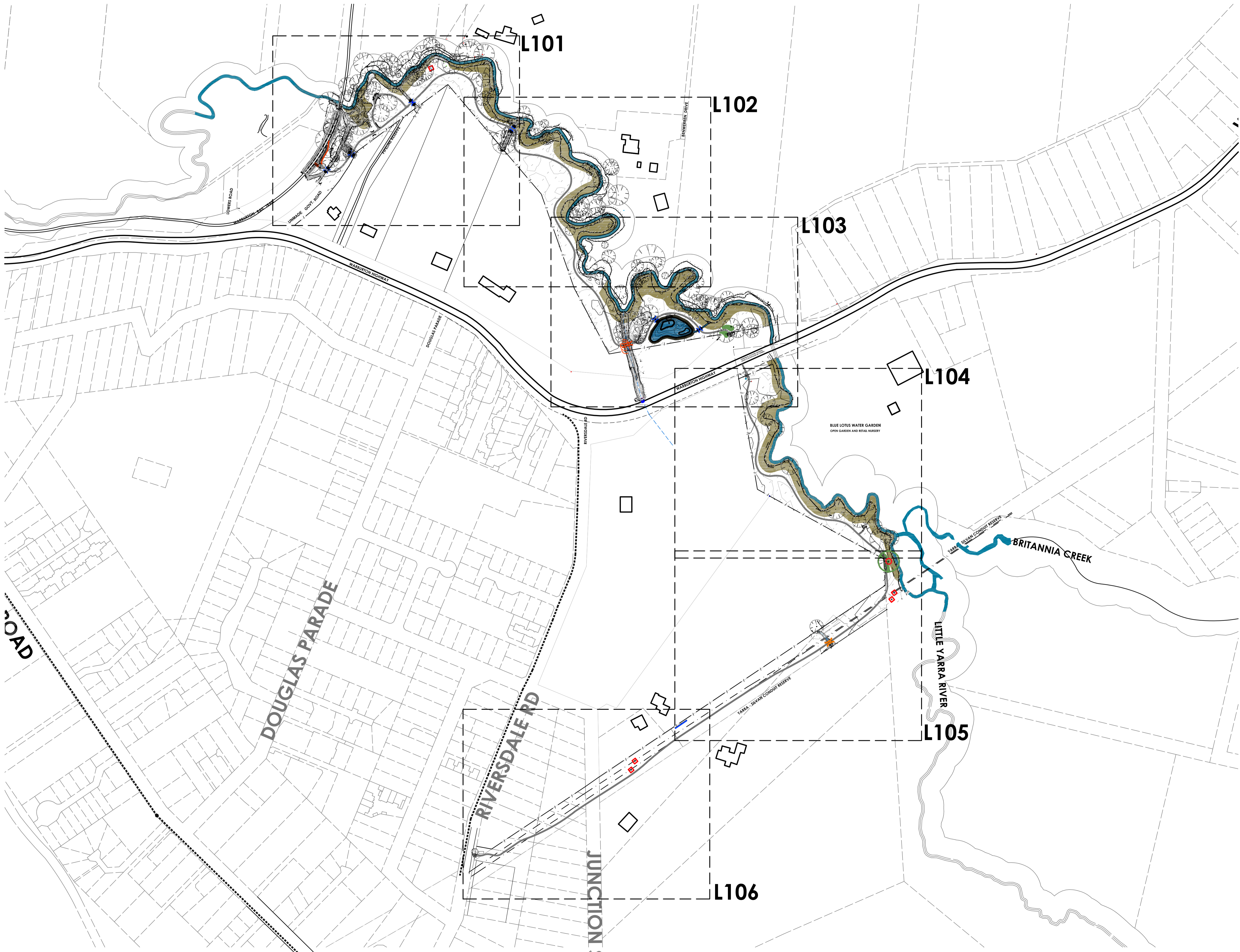
**DRAWING SCHEDULE,
NOTES & LEGEND**

Title
SEPT. 2022
Date



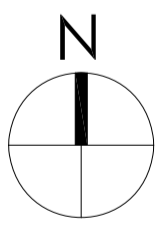
ABN 90 638 719 320
145 Yarra Street, Werriandale VIC 3121
PO Box 1250, Kangaroo Ground VIC 3097
T (03) 96442111 M 0404 014 704 E j@henryarchitects.com.au

NOT FOR CONSTRUCTION



L100 DRAFT

XX
 Job No
 Melbourne Water
 Proprietor
 Little Yarra River Trail
 Project
 Warburton Rail Trail to
 Riversdale Road
 Yarra Junction
 Site Address



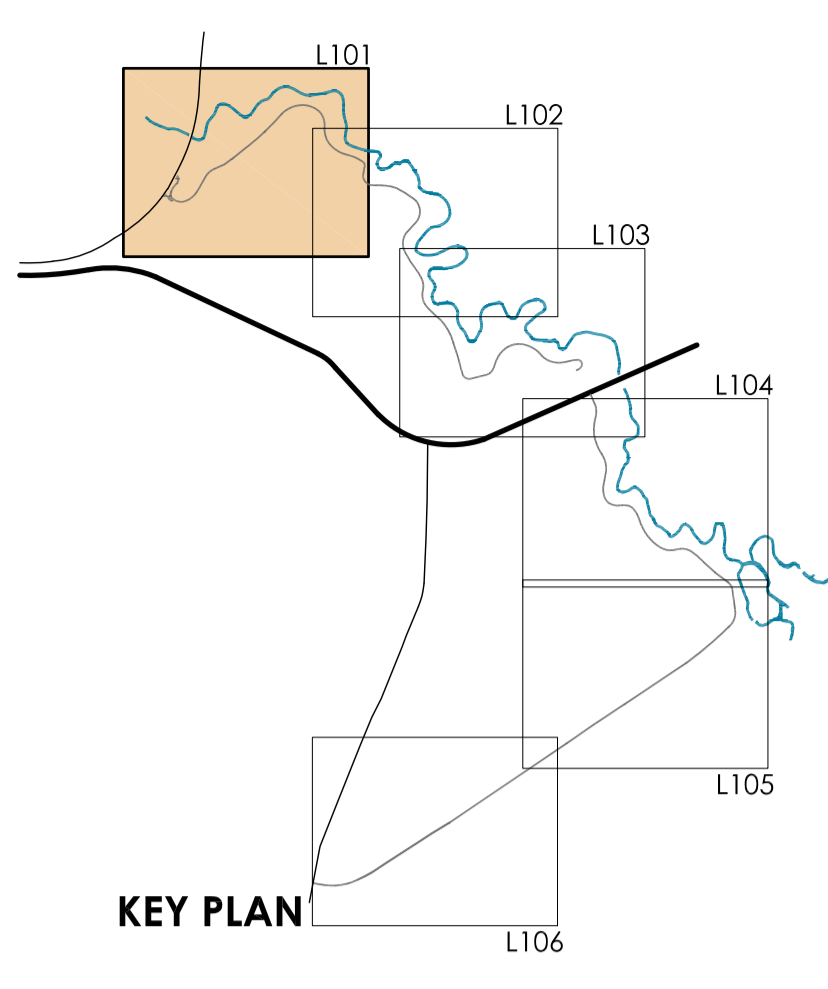
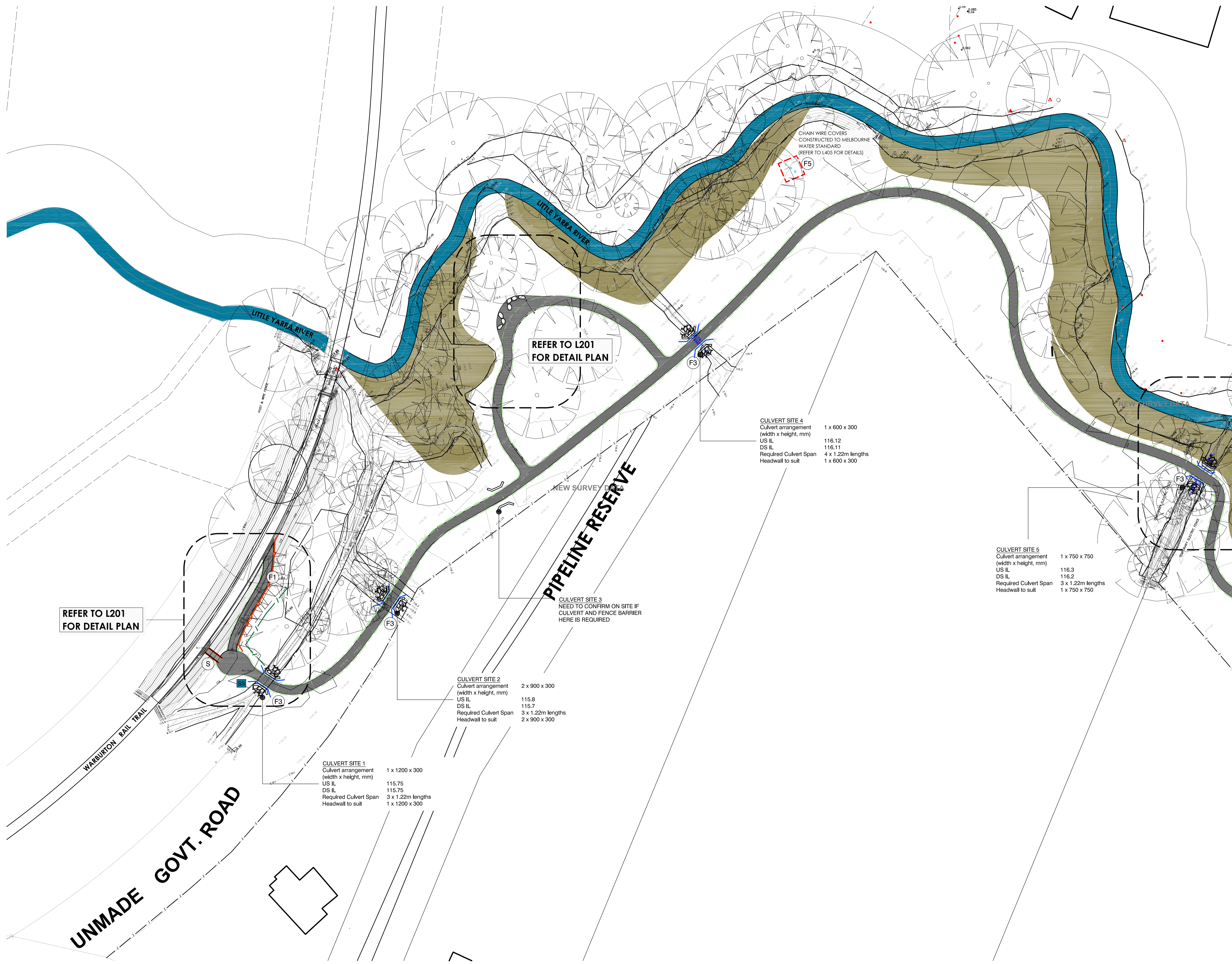
SITE PLAN

Title
 0 10 20 40 60 80 100m
 Scale
 1:2500 @ A1
 Scale
 SEPT. 2022
 Date



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NOT FOR CONSTRUCTION



REFER TO L201 FOR DETAIL PLAN

REFER TO L201 FOR DETAIL PLAN

REFER TO L202 FOR DETAIL PLAN

CULVERT SITE 1
 Culvert arrangement (width x height, mm) 1 x 1200 x 300
 US IL 115.75
 DS IL 115.75
 Required Culvert Span 3 x 1.22m lengths
 Headwall to suit 1 x 1200 x 300

CULVERT SITE 2
 Culvert arrangement (width x height, mm) 2 x 900 x 300
 US IL 115.8
 DS IL 115.7
 Required Culvert Span 3 x 1.22m lengths
 Headwall to suit 2 x 900 x 300

CULVERT SITE 3
 NEED TO CONFIRM ON SITE IF CULVERT AND FENCE BARRIER HERE IS REQUIRED

CULVERT SITE 4
 Culvert arrangement (width x height, mm) 1 x 600 x 300
 US IL 116.12
 DS IL 116.11
 Required Culvert Span 4 x 1.22m lengths
 Headwall to suit 1 x 600 x 300

CULVERT SITE 5
 Culvert arrangement (width x height, mm) 1 x 750 x 750
 US IL 116.3
 DS IL 116.2
 Required Culvert Span 3 x 1.22m lengths
 Headwall to suit 1 x 750 x 750

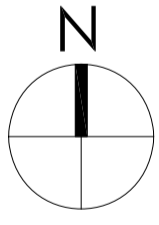
CHAIN WIRE COVERS CONSTRUCTED TO MELBOURNE WATER STANDARD (REFER TO L405 FOR DETAILS)

UNMADE GOVT. ROAD

PIPELINE RESERVE

L101 DRAFT
 Dwg. No Issue Revision

Melbourne Water
 Proprietor
 Little Yarra River Trail
 Project
 Warburton Rail Trail to Riversdale Road
 Yarra Junction
 Site Address



PATH ALIGNMENT
Warburton Rail Trail to Drain Crossing

Title
 0 2 5 10 15 20m
 Scale
 1:500 @ A1
 SEPT. 2022
 Date



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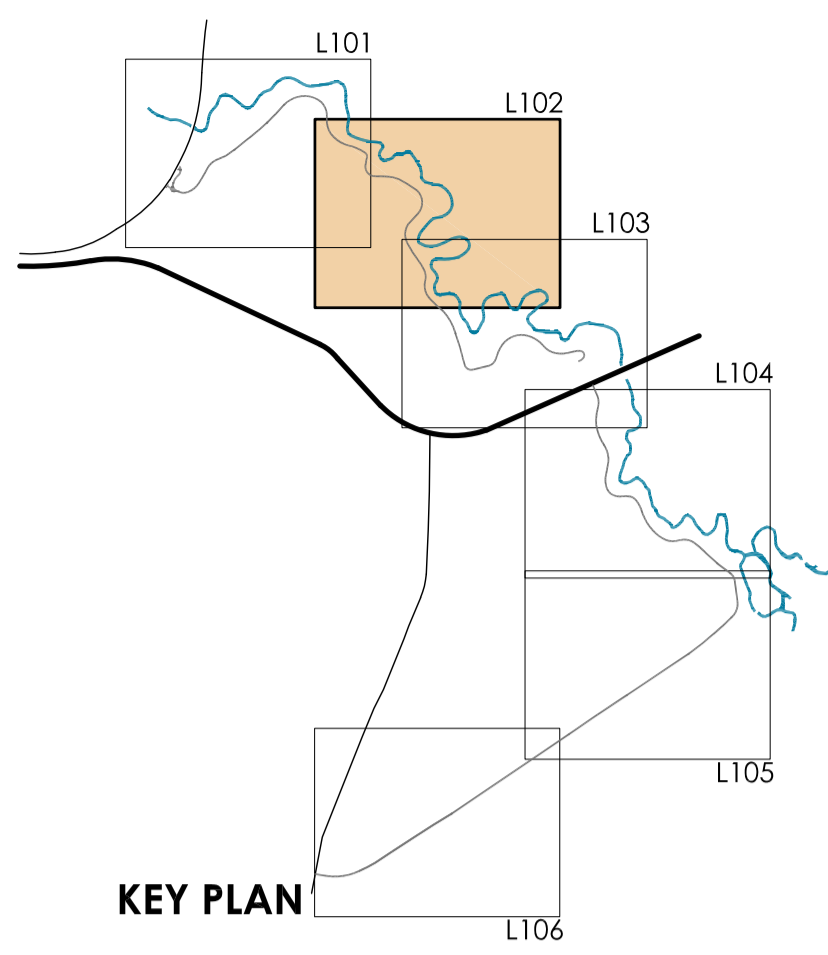
NOT FOR CONSTRUCTION



CULVERT SITE 5
 Culvert arrangement (width x height, mm) 1 x 750 x 750
 US IL 116.3
 DS IL 116.2
 Required Culvert Span 3 x 1.22m lengths
 Headwall to suit 1 x 750 x 750

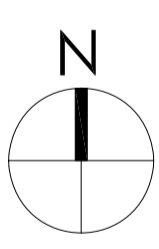
REFER TO L202
 FOR DETAIL PLAN

BENWERREN DRIVE



L102 DRAFT

Melbourne Water
 Proprietor
 Little Yarra River Trail
 Project
 Warburton Rail Trail to
 Riversdale Road
 Yarra Junction
 Site Address



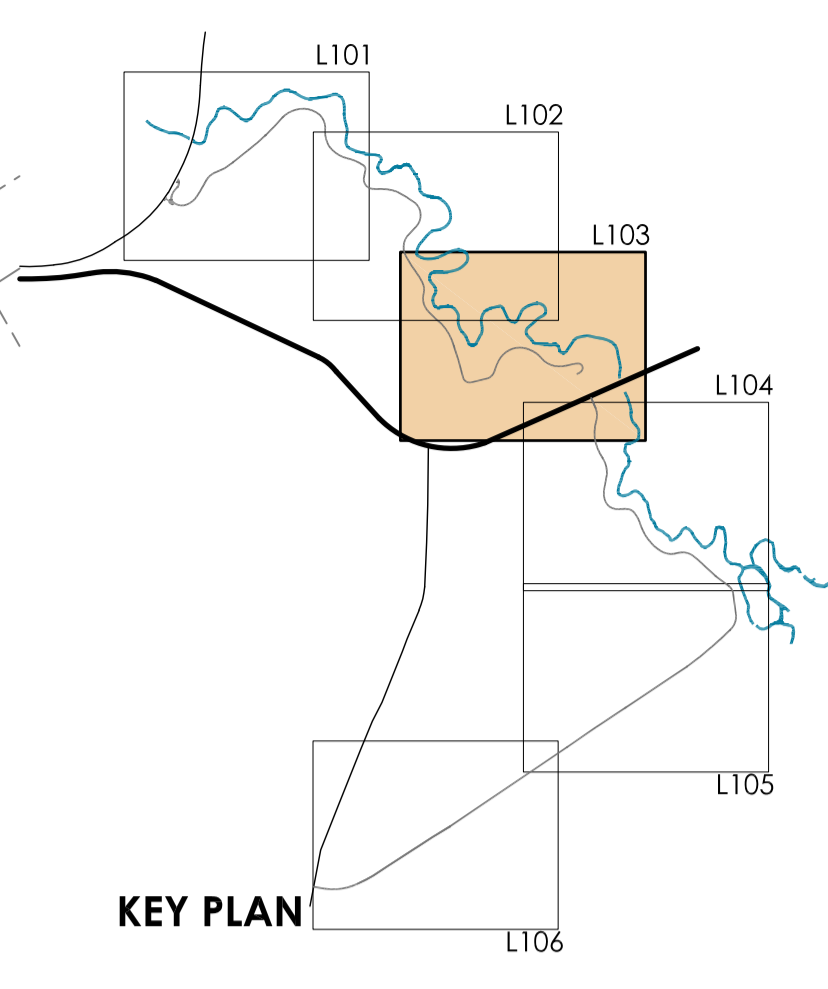
PATH ALIGNMENT
Drain Crossing to River
Meander

Title
 0 2 5 10 15 20m
 Scale
 1:500 @ A1
 SEPT. 2022
 Date



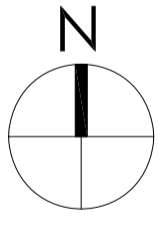
ABN 90 838 719 320
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L103 DRAFT

Melbourne Water
 Proprietor
 Little Yarra River Trail
 Project
 Warburton Rail Trail to
 Riversdale Road
 Yarra Junction
 Site Address



**PATH ALIGNMENT
 River Meander to
 Warburton Highway**

0 2 5 10 15 20m
 Scale
 1:500 @ A1
 SEPT. 2022
 Date

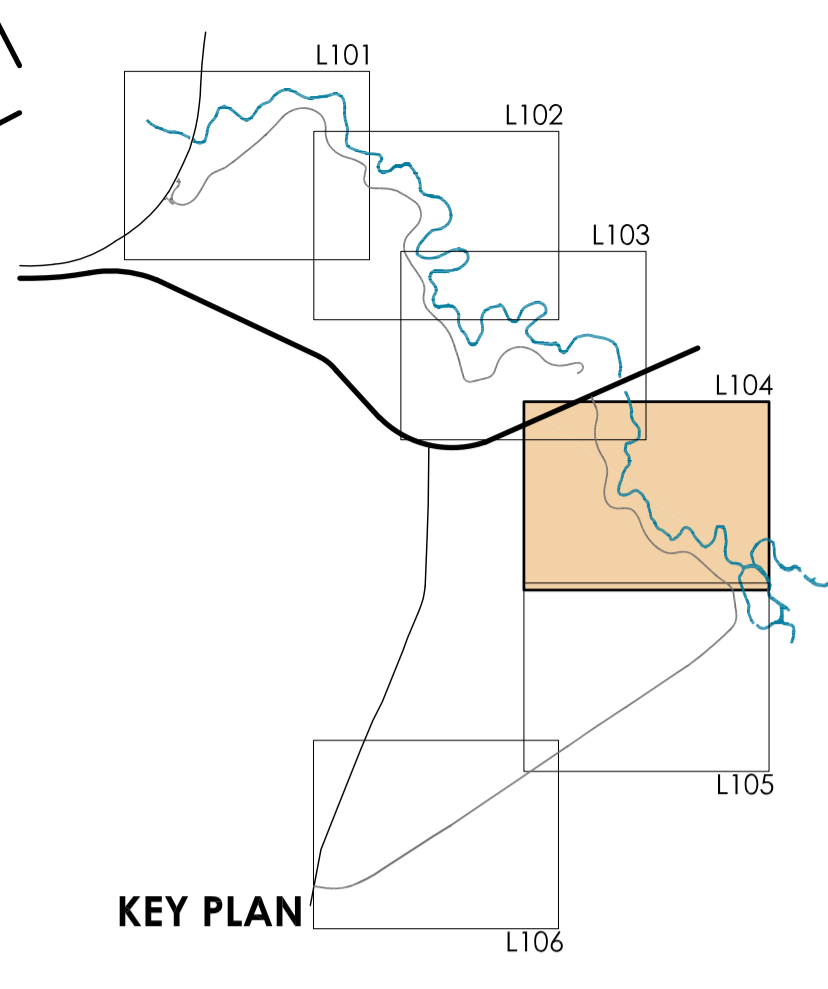


NOT FOR CONSTRUCTION

WARBURTON HIGHWAY

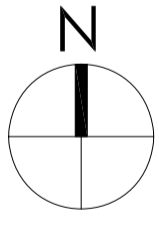
REFER TO L204
FOR DETAIL PLAN

BLUE LOTUS WATER GARDEN OPEN GARDEN AND RETAIL NURSERY



L104 DRAFT

Melbourne Water
Proprietor
Little Yarra River Trail
Project
Warburton Rail Trail to
Riversdale Road
Yarra Junction
Site Address



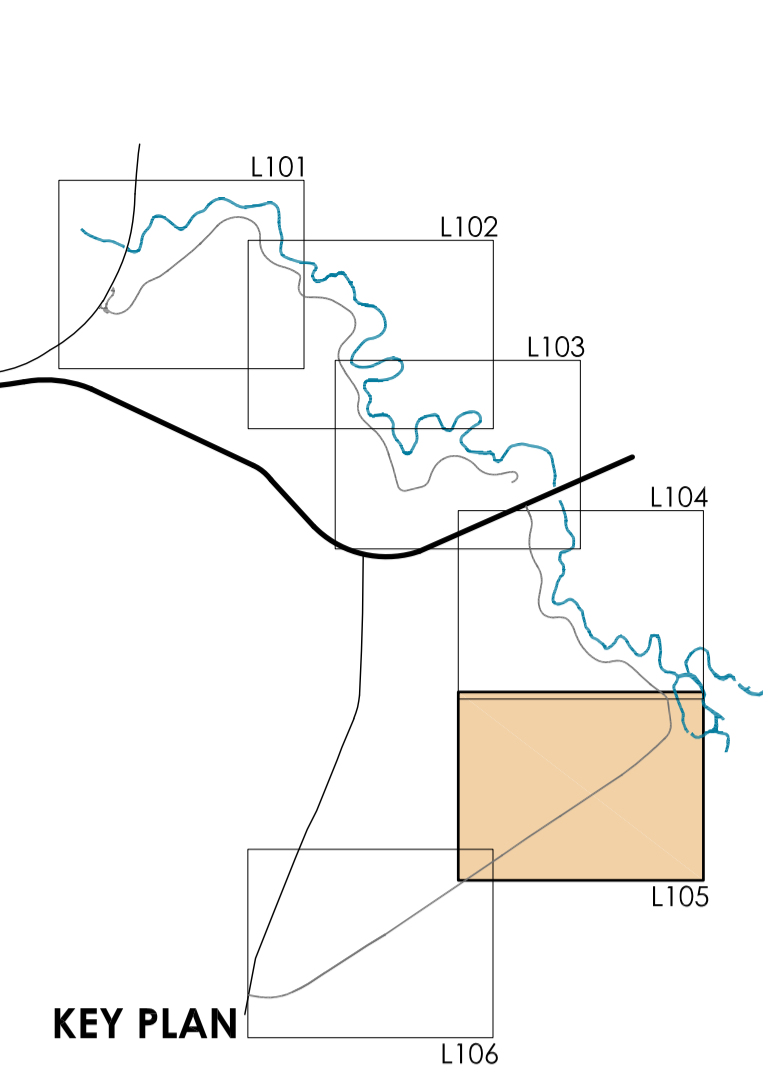
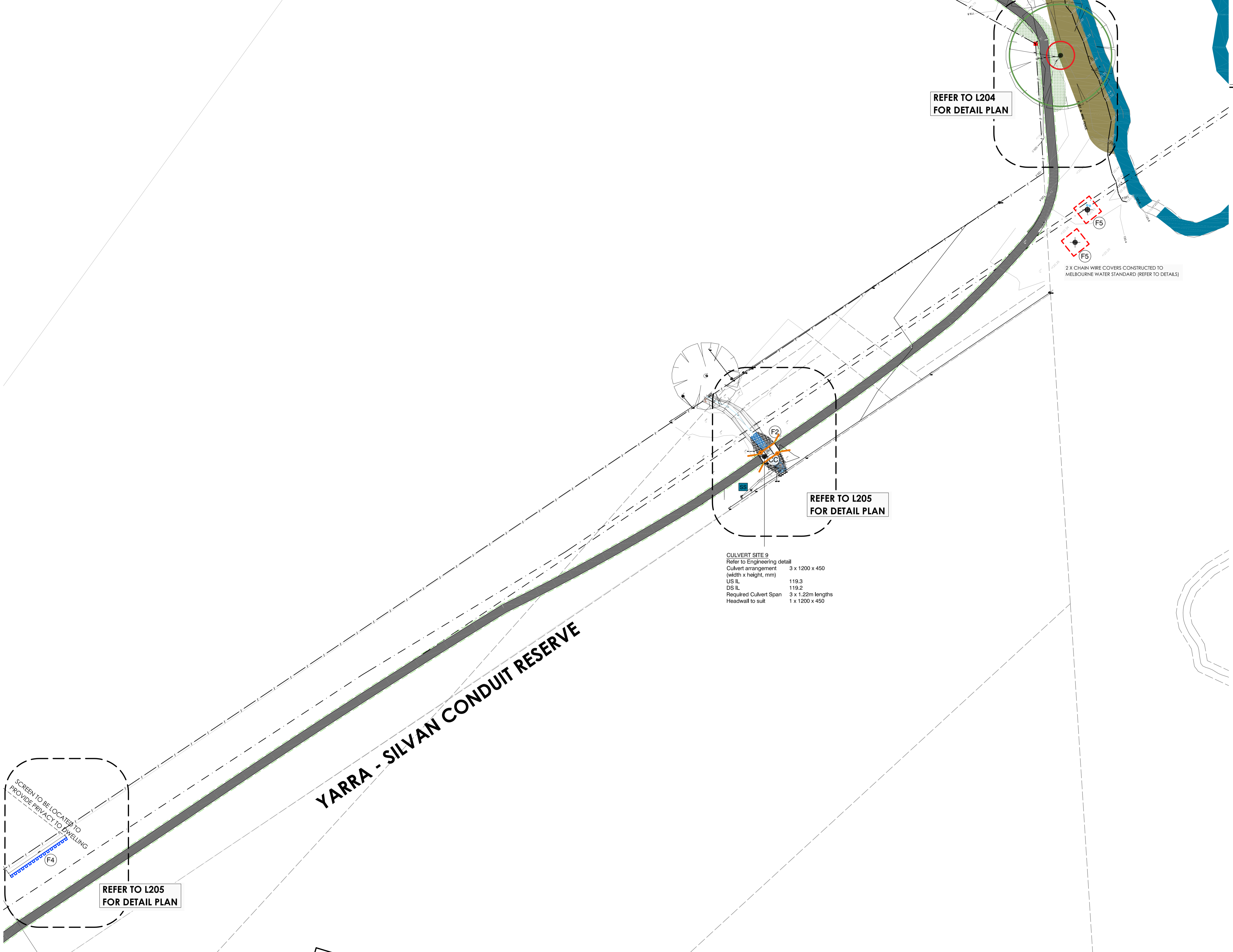
PATH ALIGNMENT
Warburton Highway to
Large Manna Gums

Title
0 2 5 10 15 20m
Scale
1:500 @ A1
SEPT. 2022
Date



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NOT FOR CONSTRUCTION



2 X CHAIN WIRE COVERS CONSTRUCTED TO MELBOURNE WATER STANDARD (REFER TO DETAILS)

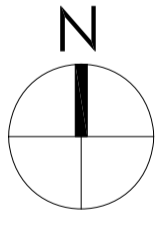
CULVERT SITE 9
 Refer to Engineering detail
 Culvert arrangement 3 x 1200 x 450
 (width x height, mm)
 US IL 119.3
 DS IL 119.2
 Required Culvert Span 3 x 1.22m lengths
 Headwall to suit 1 x 1200 x 450

SCREEN TO BE LOCATED TO PROVIDE PRIVACY TO DWELLING

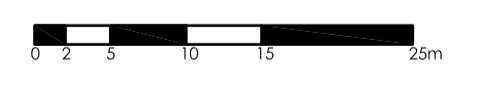
YARRA - SILVAN CONDUIT RESERVE

L105 DRAFT

Melbourne Water
 Proprietor
 Little Yarra River Trail
 Project
 Warburton Rail Trail to Riversdale Road
 Yarra Junction
 Site Address



PATH ALIGNMENT
Yarra-Silvan Conduit Reserve to Little Yarra River



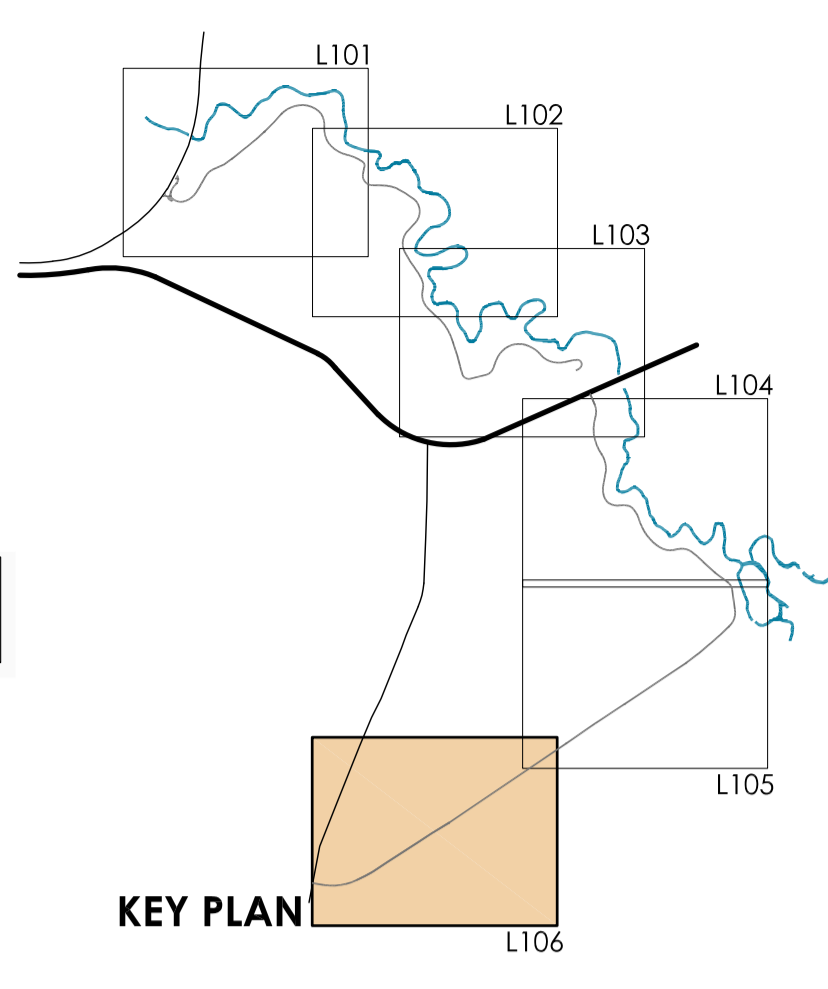
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 Scale

SEPT. 2022
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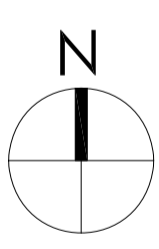


L106 DRAFT

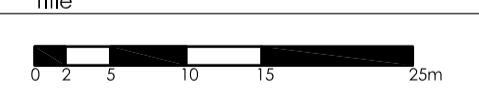
Melbourne Water
Proprietor

Little Yarra River Trail
Project

Warburton Rail Trail to
Riversdale Road
Yarra Junction
Site Address



PATH ALIGNMENT
Yarra-Silvan Conduit Reserve
to Riversdale Road



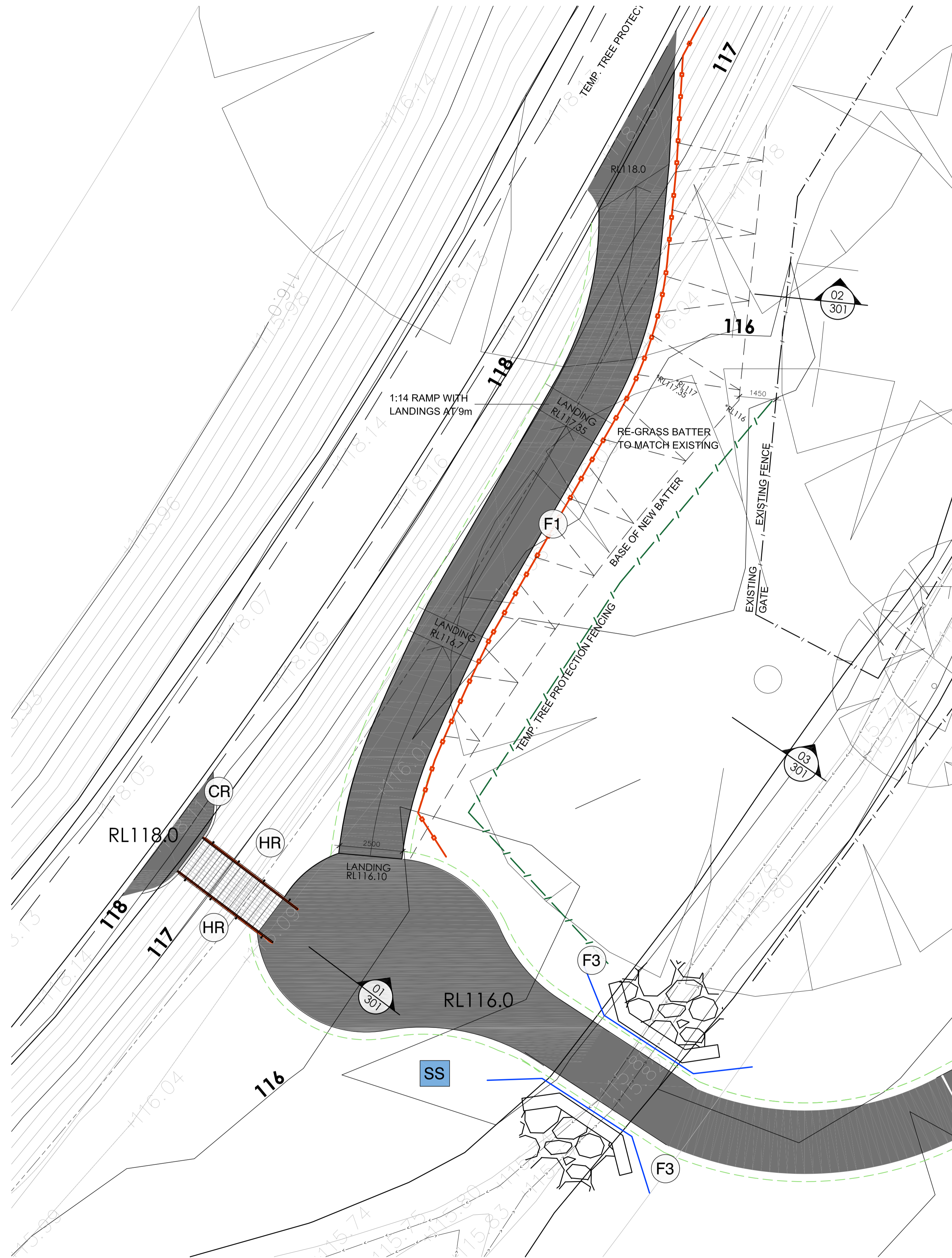
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Scale

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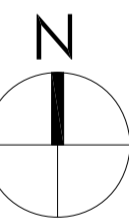
DETAIL PLAN 01
STEPS AND GRAVEL RAMP



DETAIL PLAN 02
PICNIC AREA WITH ROCK SEATING

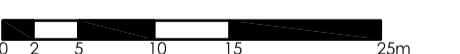
L201 DRAFT
Drawn Issue Revision

Melbourne Water
Proprietor
Little Yarra River Trail
Project
Warburton Rail Trail to
Riversdale Road
Yarra Junction
Site Address



PLAN DETAIL 01
Ramp/steps connection
Warburton Rail Trail &
Picnic Area with
Mudstone Seats

Title



1:100 @ A1
Scale

SEPT. 2022
Date



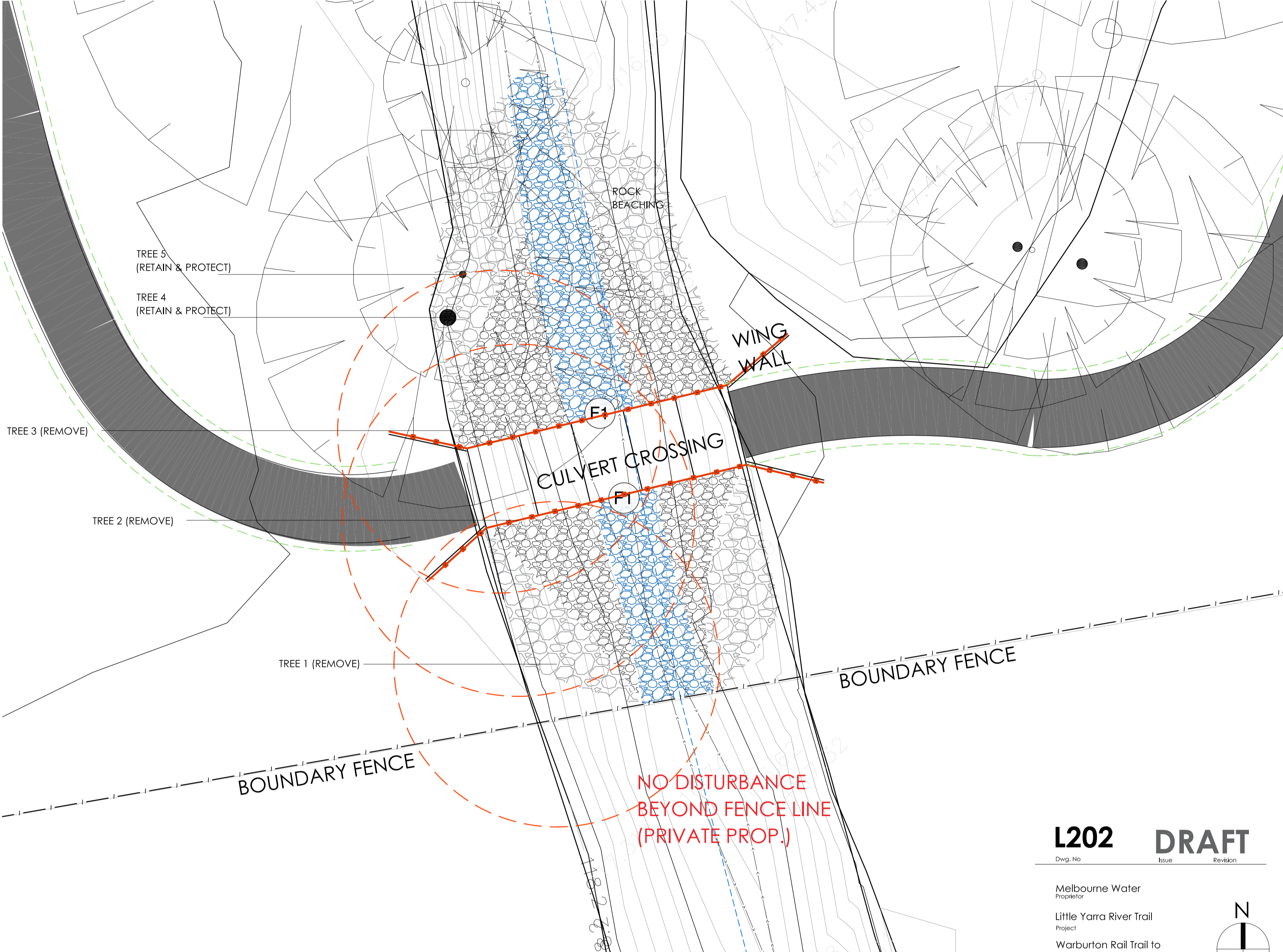
henry landscape design

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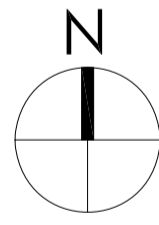
DETAIL PLAN 03
DRAIN CROSSING



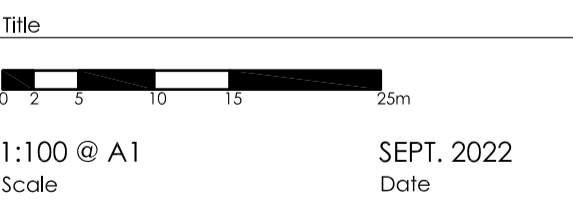
DETAIL PLAN 04
MAIN CULVERT CROSSING NEAR WARBURTON WHY

L202 DRAFT

Melbourne Water
Proprietor
Little Yarra River Trail
Project
Warburton Rail Trail to
Riversdale Road
Yarra Junction
Site Address

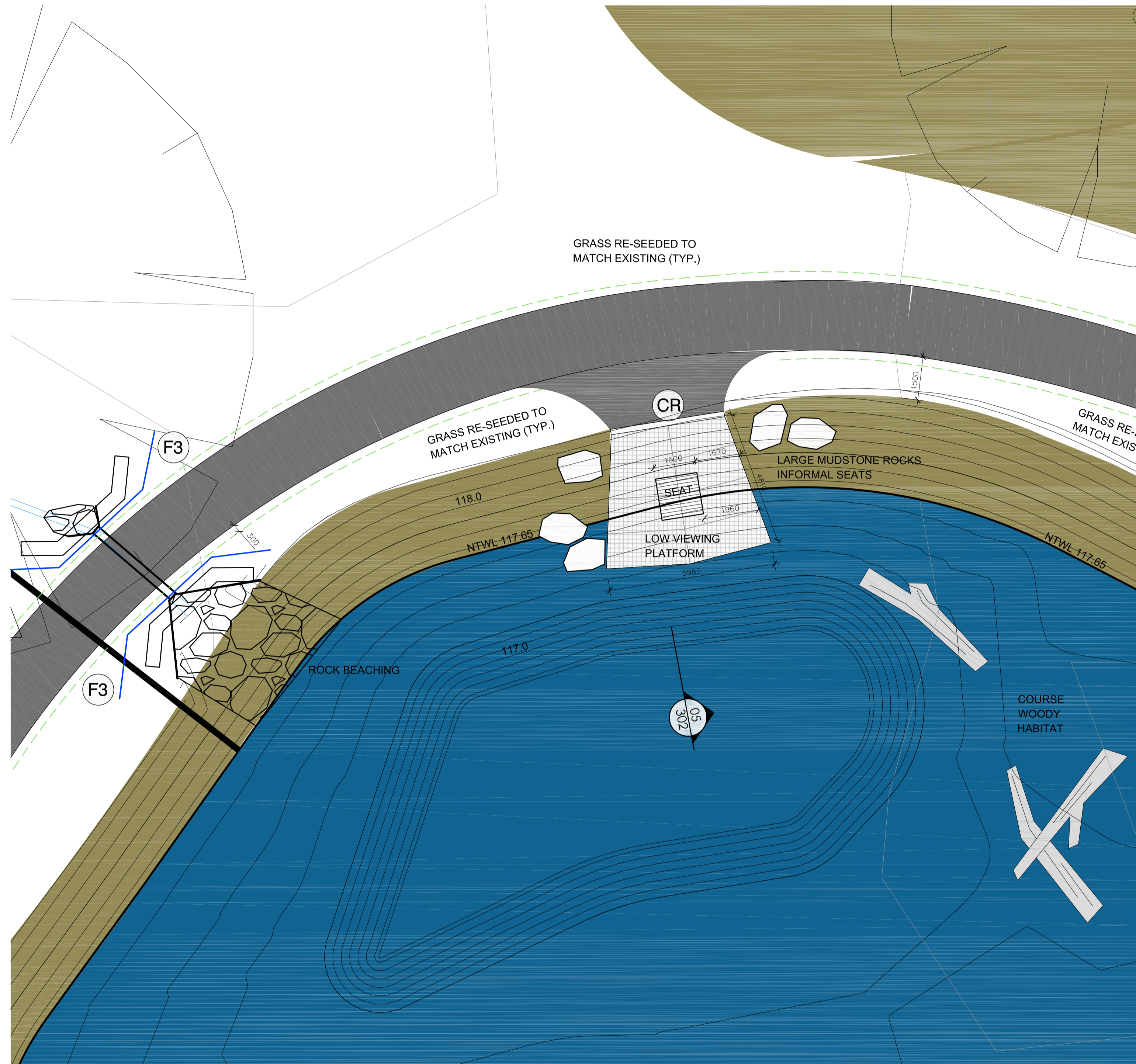


PLAN DETAIL 03 & 04
Drain crossings
Pedestrian &
Maintenance vehicles

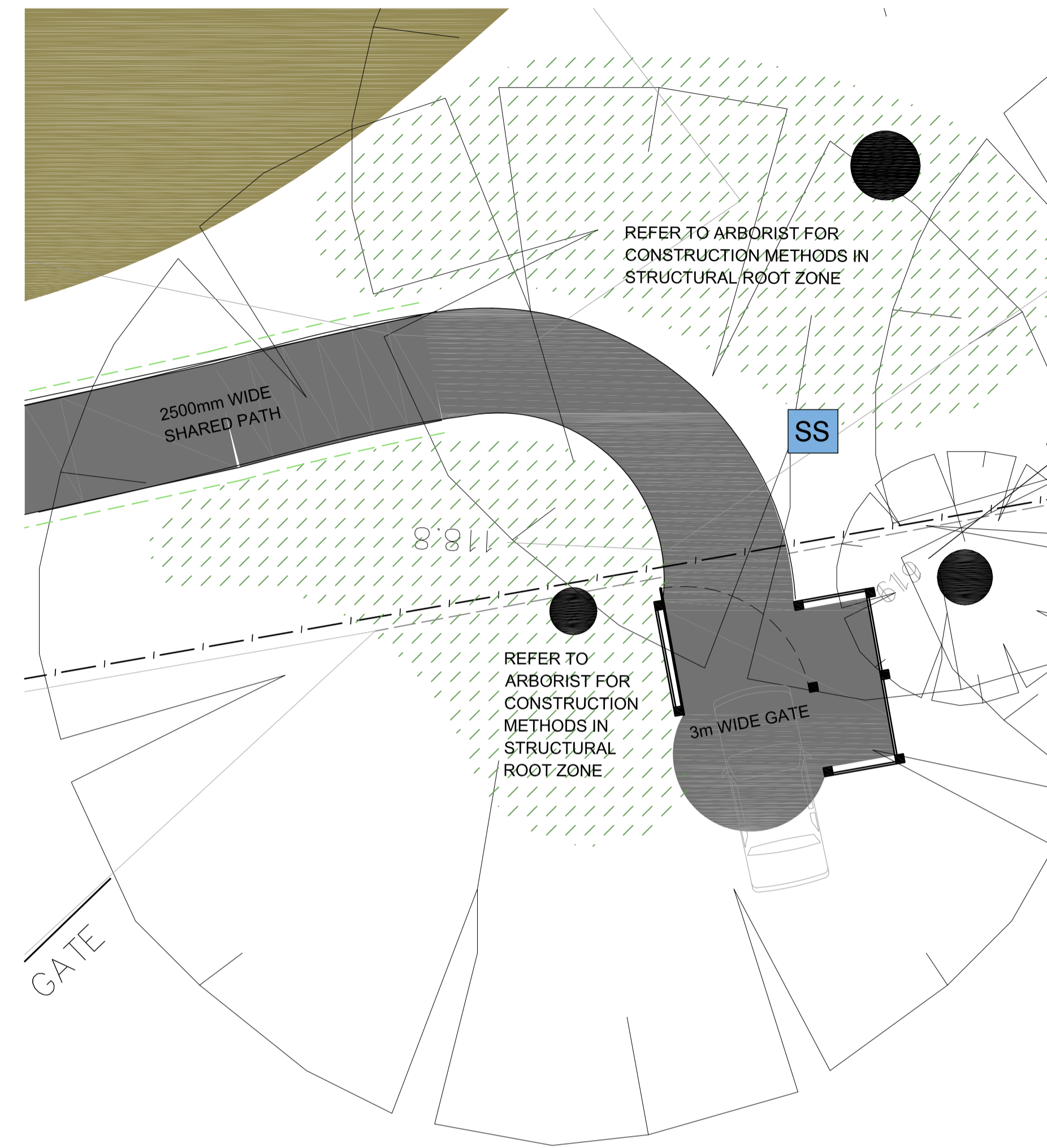


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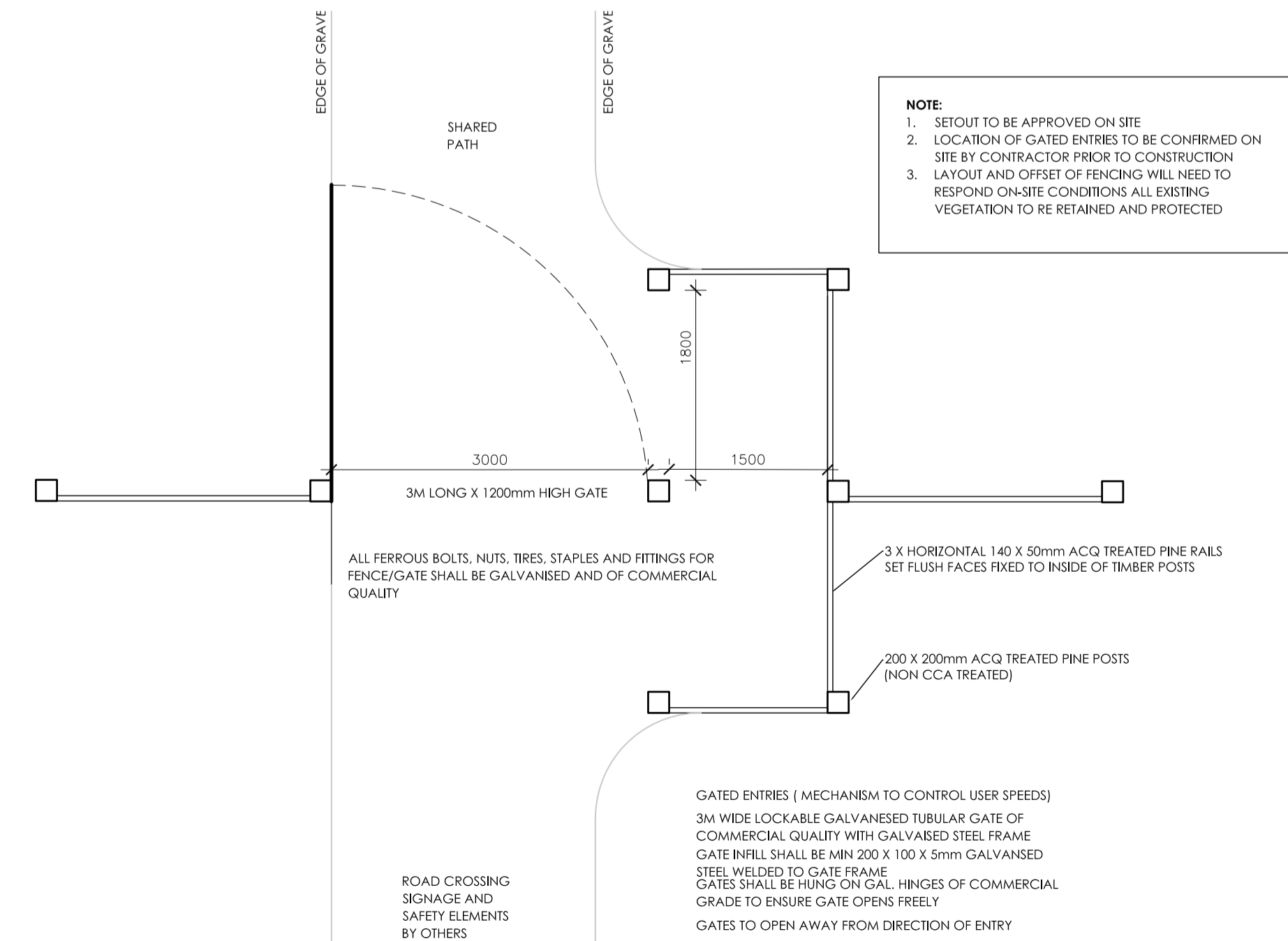
NOT FOR CONSTRUCTION



DETAIL PLAN 05
WETLAND VIEWING PLATFORM



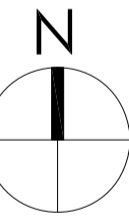
DETAIL PLAN 06
GATED ENTRY NEAR WARBURTON HWY



DETAIL PLAN FOR GATED ENTRY (TYP.)

L203 DRAFT

Melbourne Water
Proprietor
Little Yarra River Trail
Project
Warburton Rail Trail to
Riversdale Road
Yarra Junction
Site Address



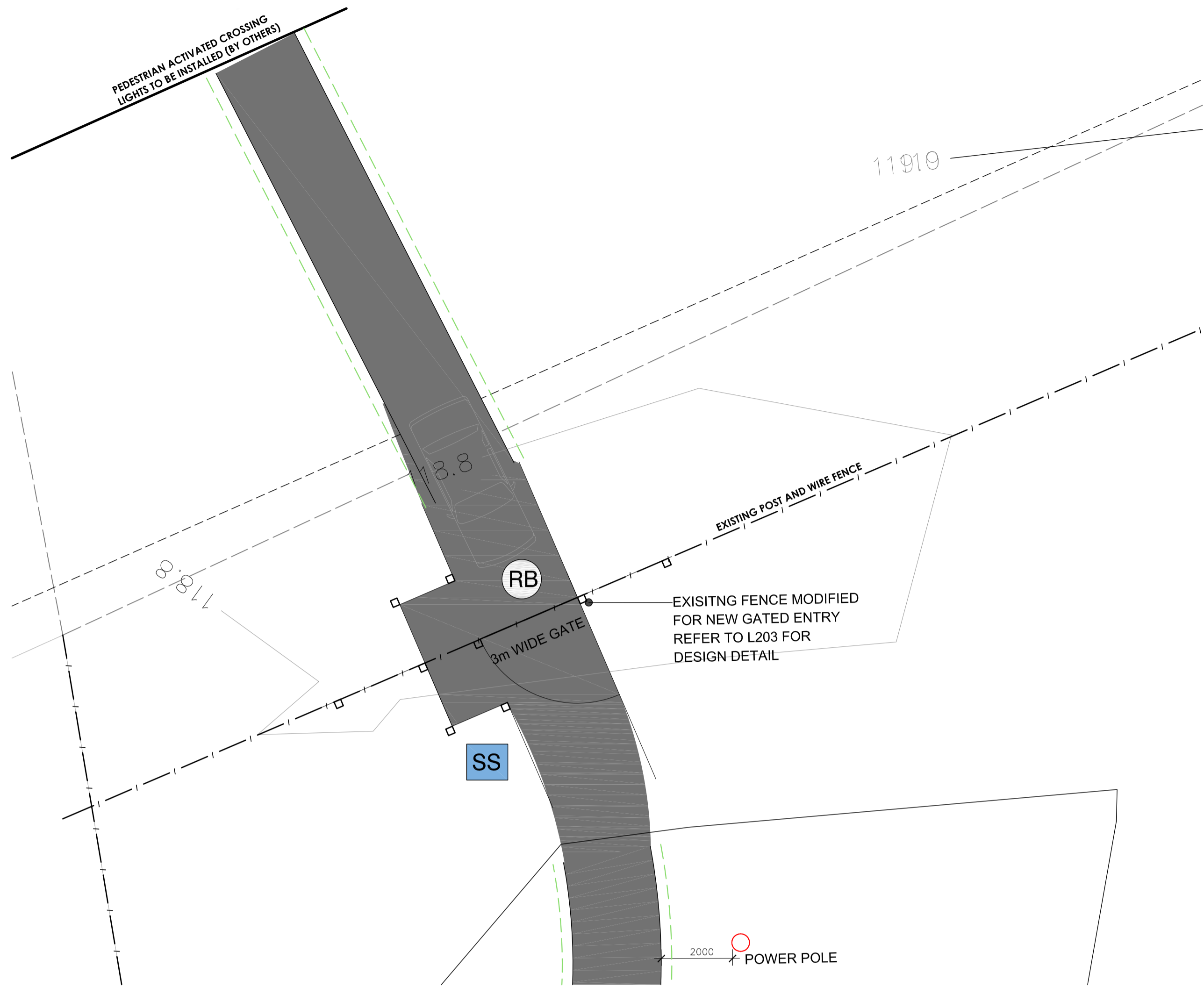
PLAN DETAIL 05 & 06
Wetland Viewing Platform
& Gated Entry

Title
0 2 5 10 15 25m
Scale
1:100 @ A1
SEPT. 2022
Date



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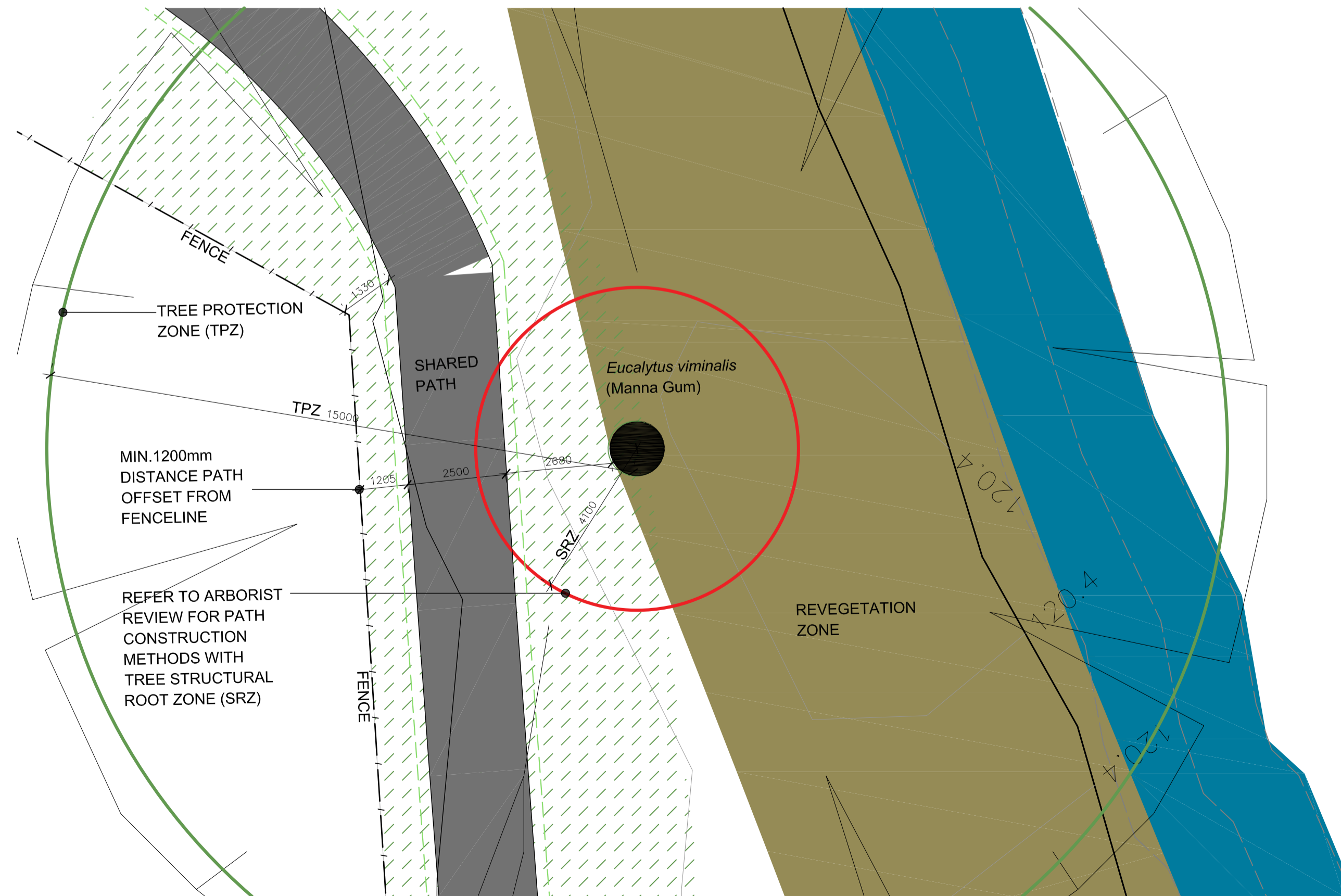
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DETAIL PLAN 07



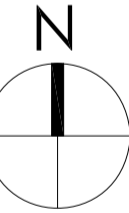
DETAIL PLAN 08



DETAIL PLAN 09

L204 DRAFT

Melbourne Water
Proprietor
Little Yarra River Trail
Project
Warburton Rail Trail to
Riversdale Road
Yarra Junction
Site Address



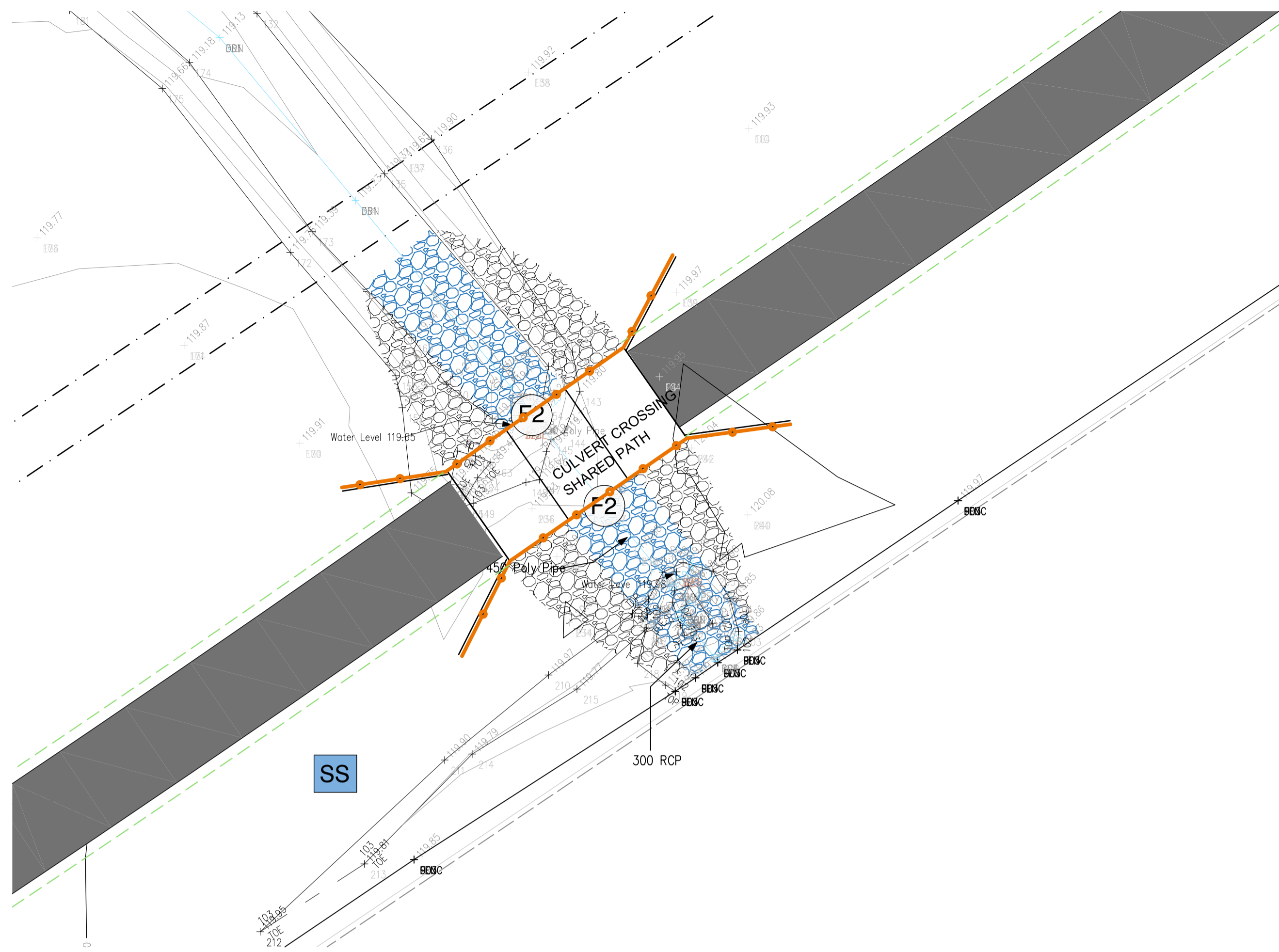
**PLAN DETAIL 07, 08 & 09
Gated Entry, Timber Log
Seat and Path under
Mature Manna Gum**

Title
0 2 5 10 15 25m
Scale
1:100 @ A1
SEPT. 2022
Date

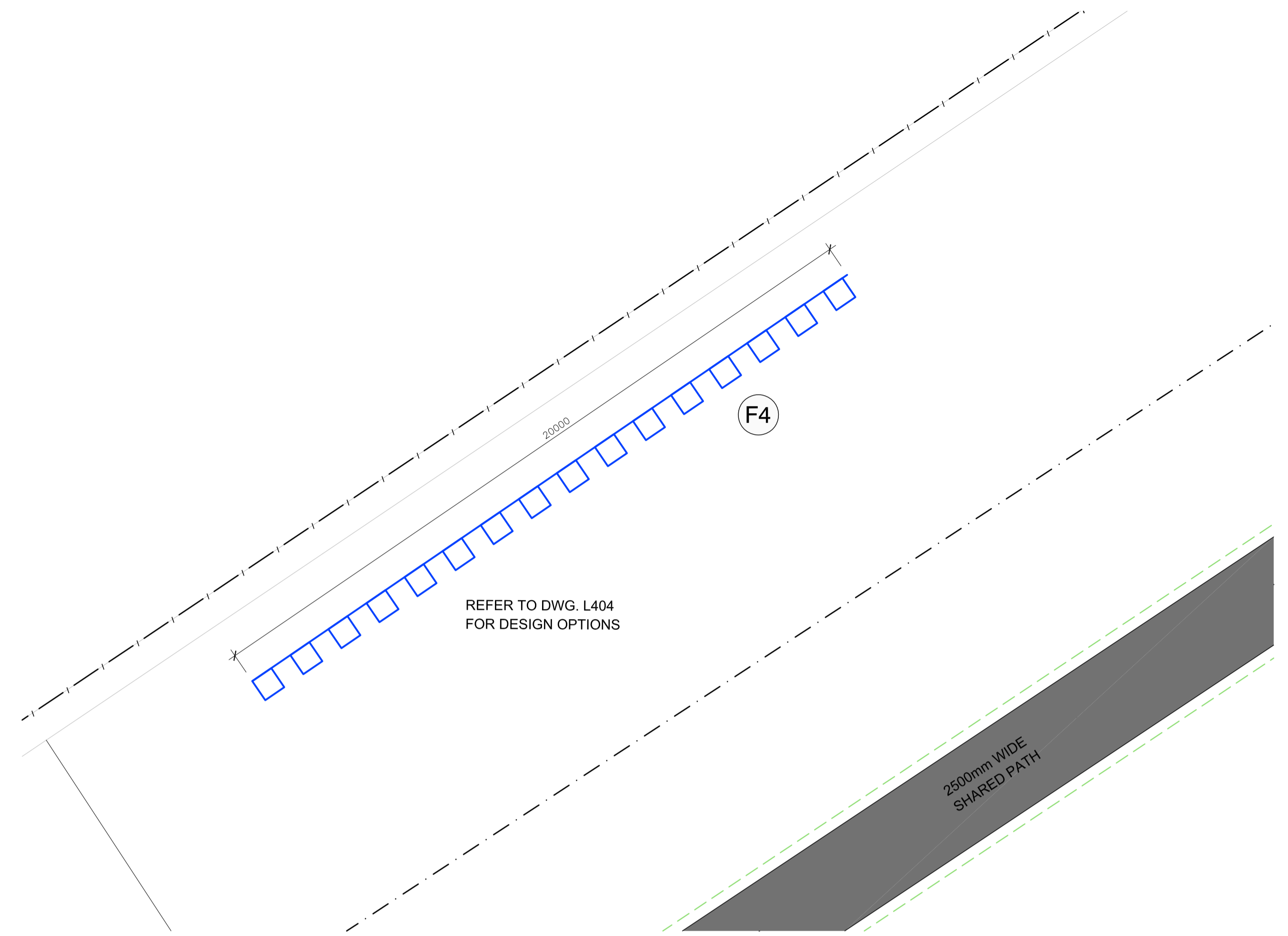


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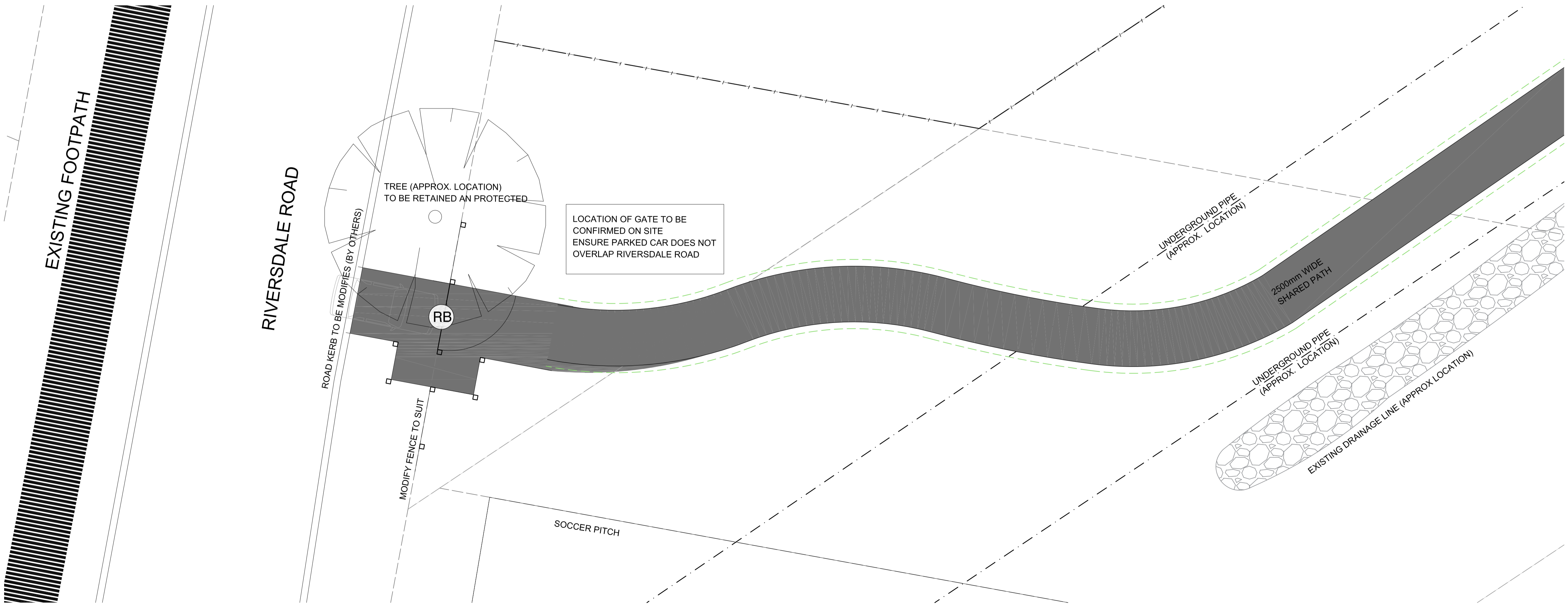
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DETAIL PLAN 10



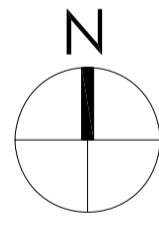
DETAIL PLAN 11



DETAIL PLAN 12

L205 DRAFT

Melbourne Water
Proprietor
Little Yarra River Trail
Project
Warburton Rail Trail to
Riversdale Road
Yarra Junction
Site Address



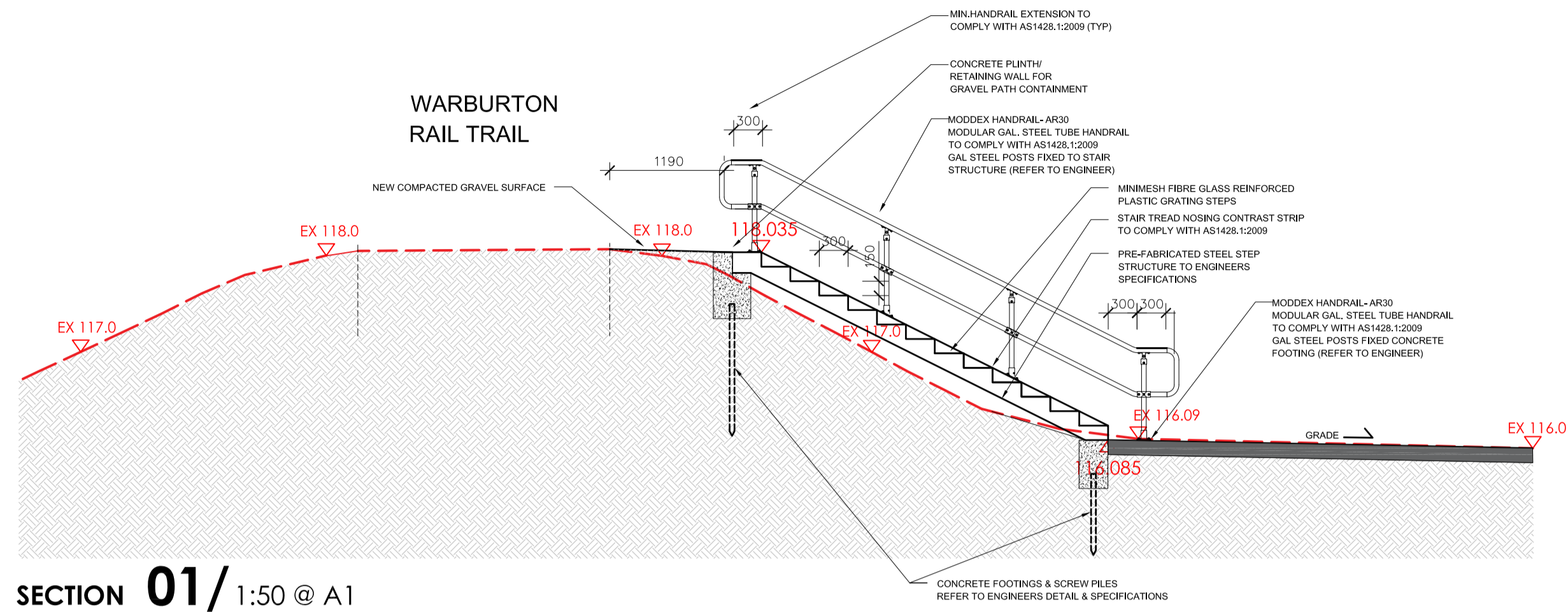
PLAN DETAIL 10, 11 & 12
Pipe Track Culvert
crossing, Screen & Gated
Entry

Title
0 2 5 10 15 25m
Scale
1:100 @ A1
SEPT. 2022
Date

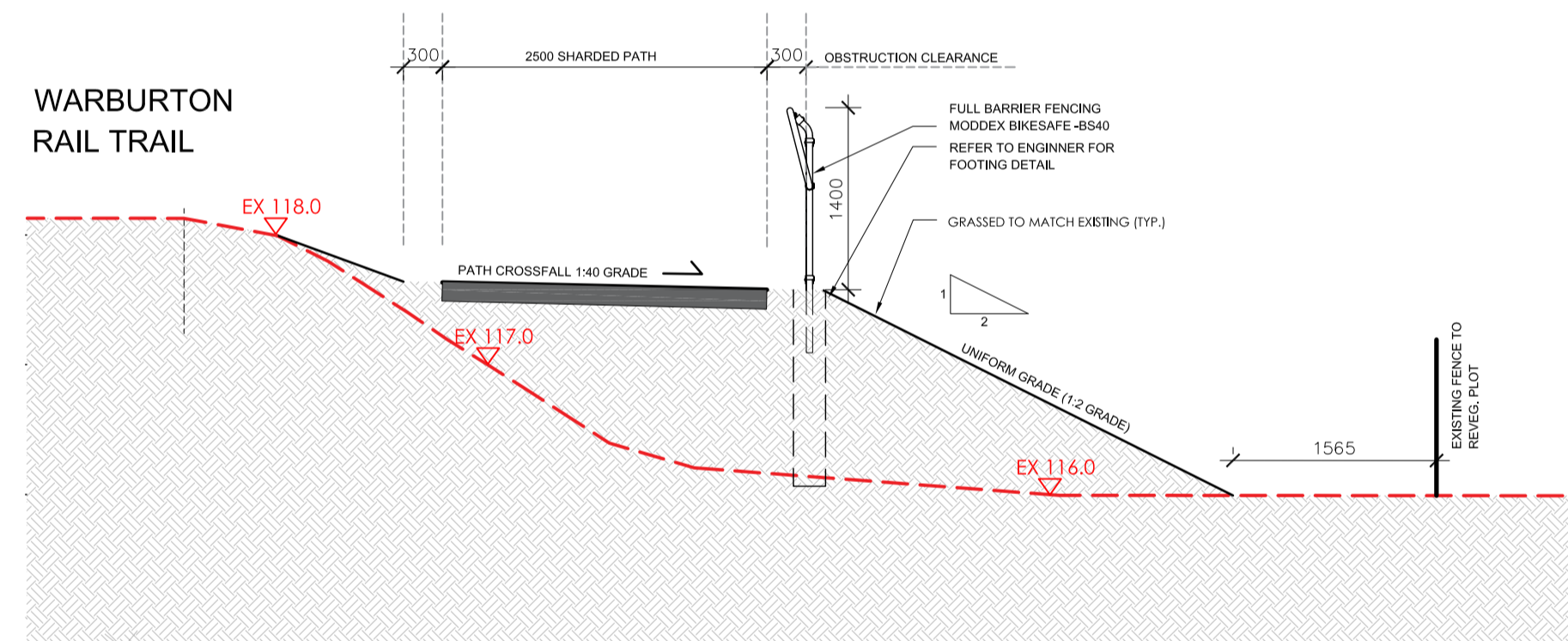


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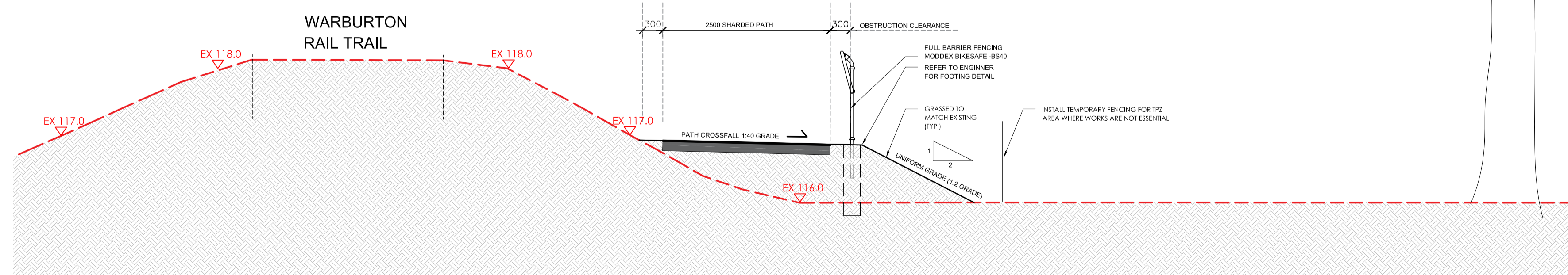
NOT FOR CONSTRUCTION



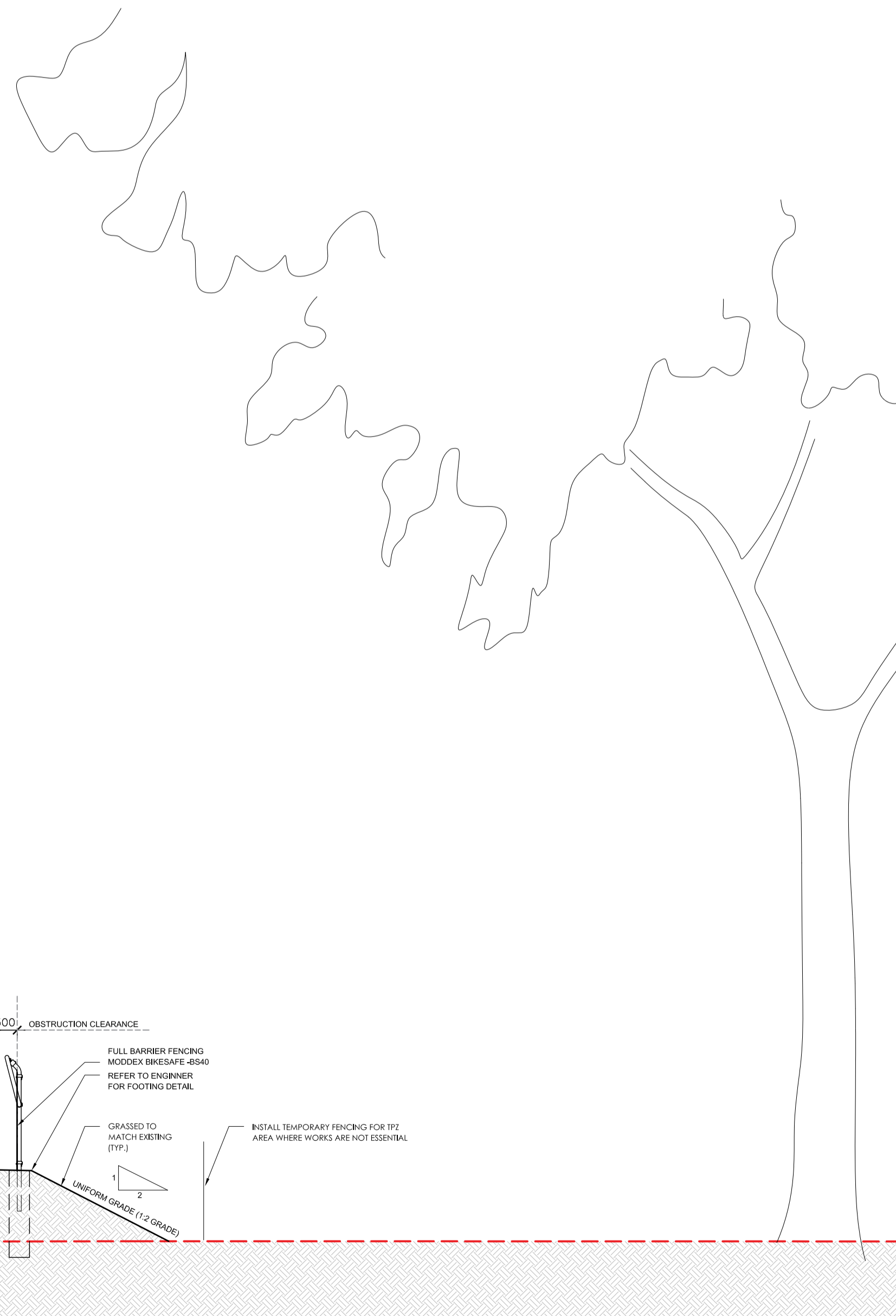
SECTION 01/ 1:50 @ A1



SECTION 02/ 1:50 @ A1

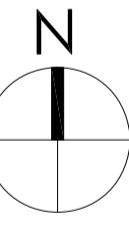


SECTION 03/ 1:50 @ A1



L301 DRAFT
Dwg. No. Issue Revision

Melbourne Water
 Proprietor
 Little Yarra River Trail
 Project
 Warburton Rail Trail to
 Riversdale Road
 Yarra Junction
 Site Address



SECTION 01, 02, & 03
Ramp/steps connection
to Warburton Rail Trail

Title
 0 0.5 1 2 3m
 Scale
 1:50 @ A1
 SEPT. 2022
 Date

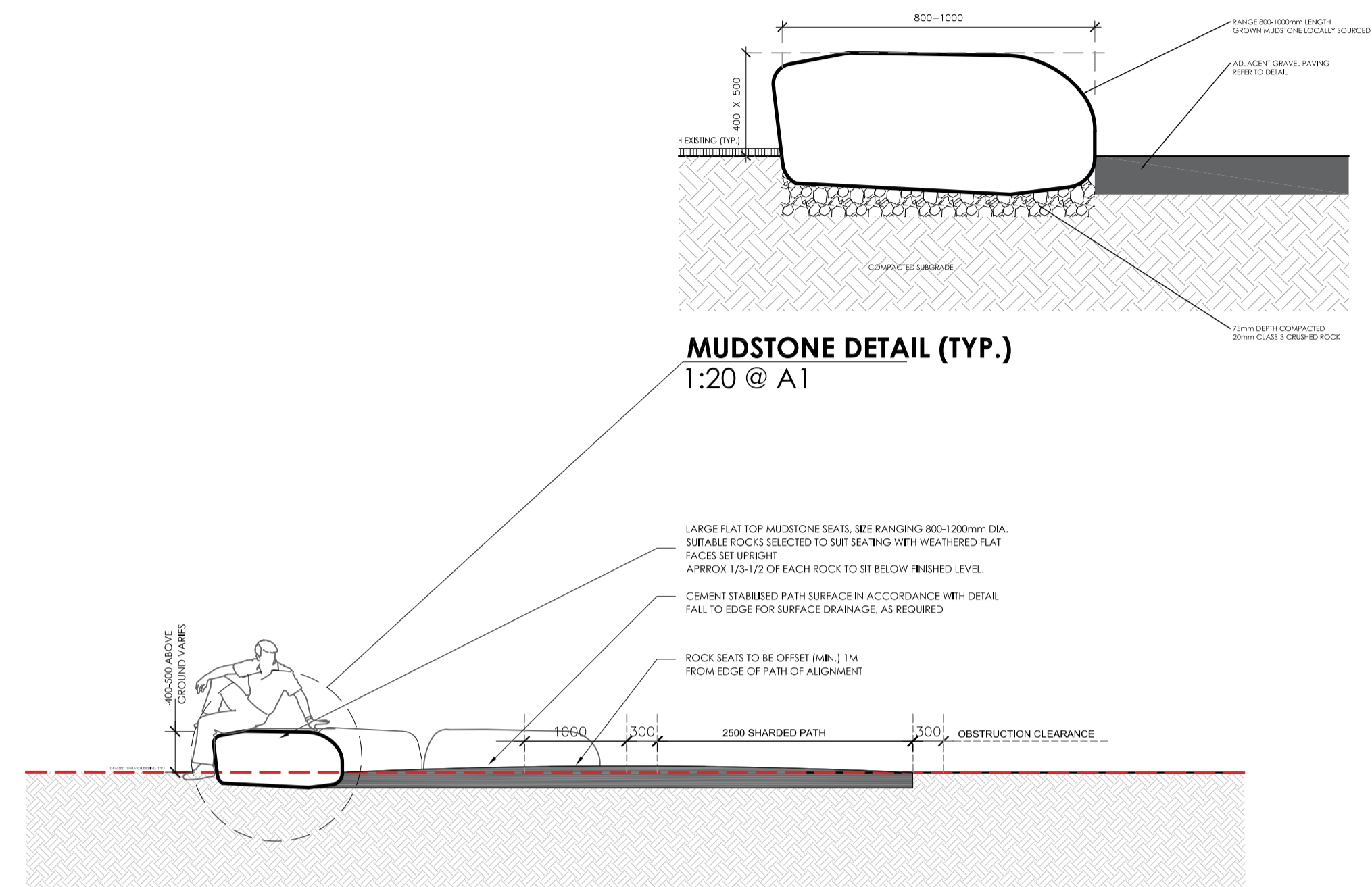


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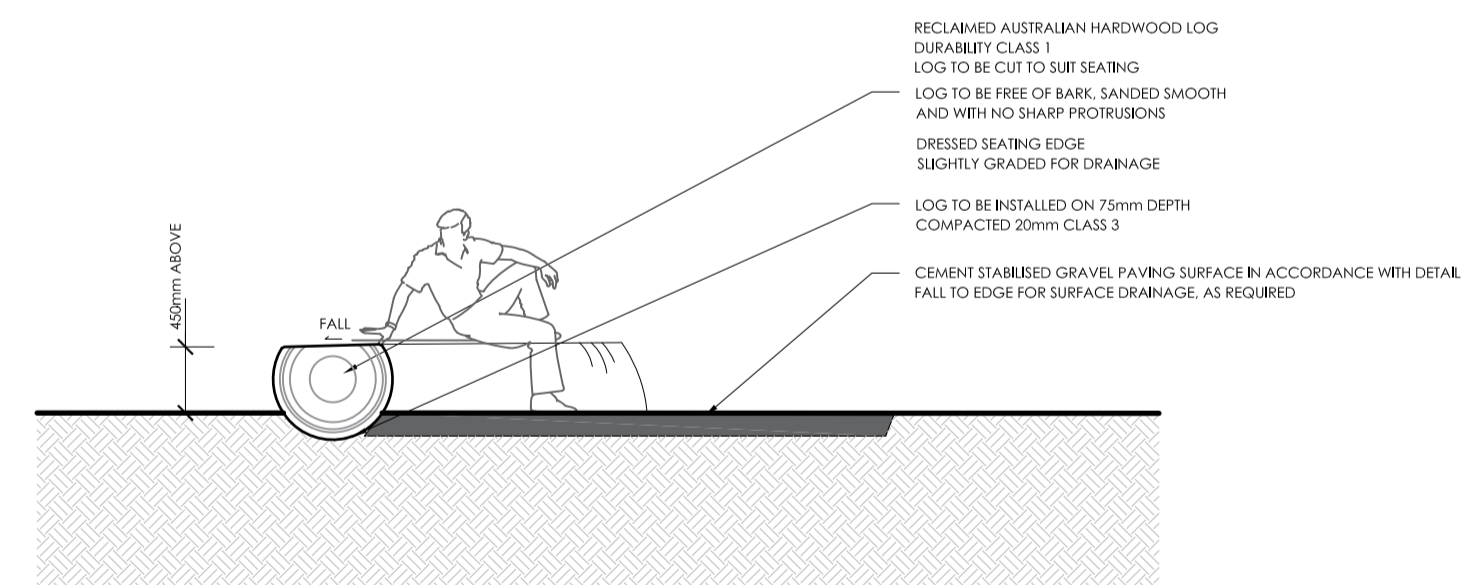
ROCK SEAT (PRECEDENT IMAGE)



SECTION 04/ 1:50 @ A1



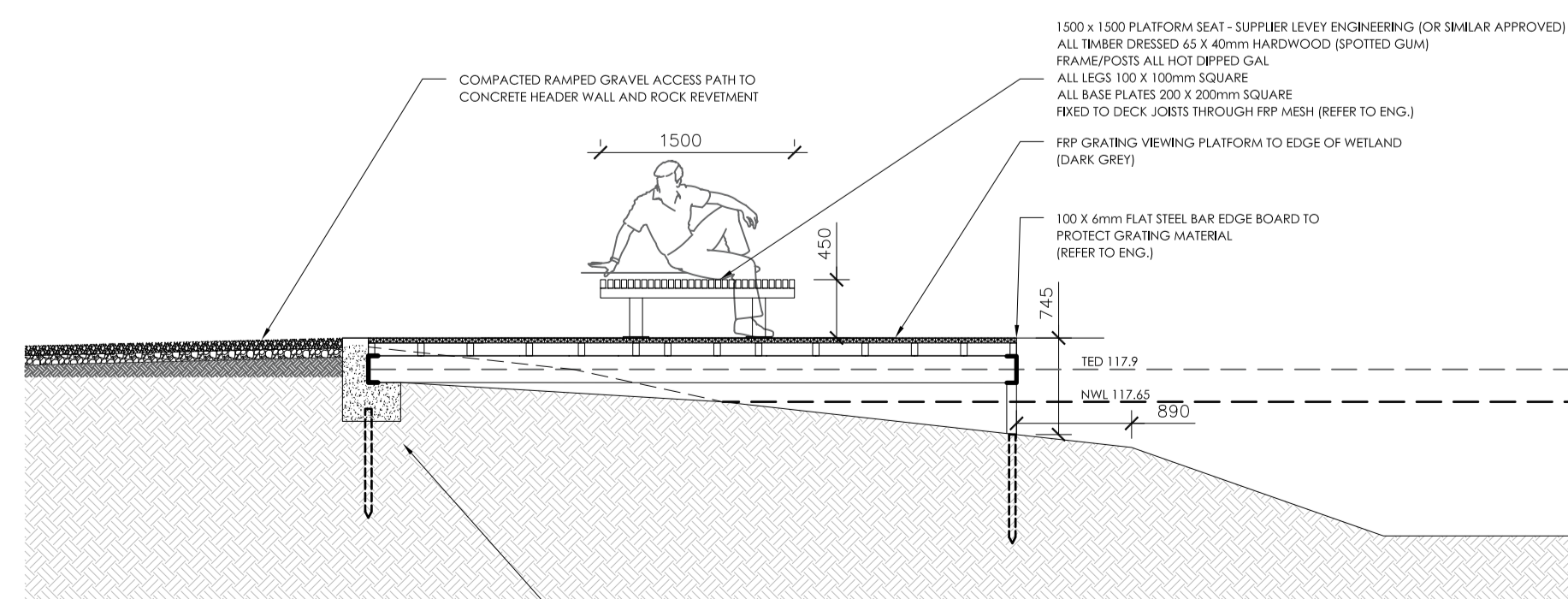
LOG SEAT (PRECEDENT IMAGE)



SECTION 05/ 1:50 @ A1



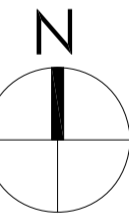
PLATFORM SEAT TO VIEWING PLATFORM



SECTION 06/ 1:50 @ A1

L302 DRAFT

Melbourne Water
Proprietor
Little Yarra River Trail
Project
Warburton Rail Trail to
Riversdale Road
Yarra Junction
Site Address

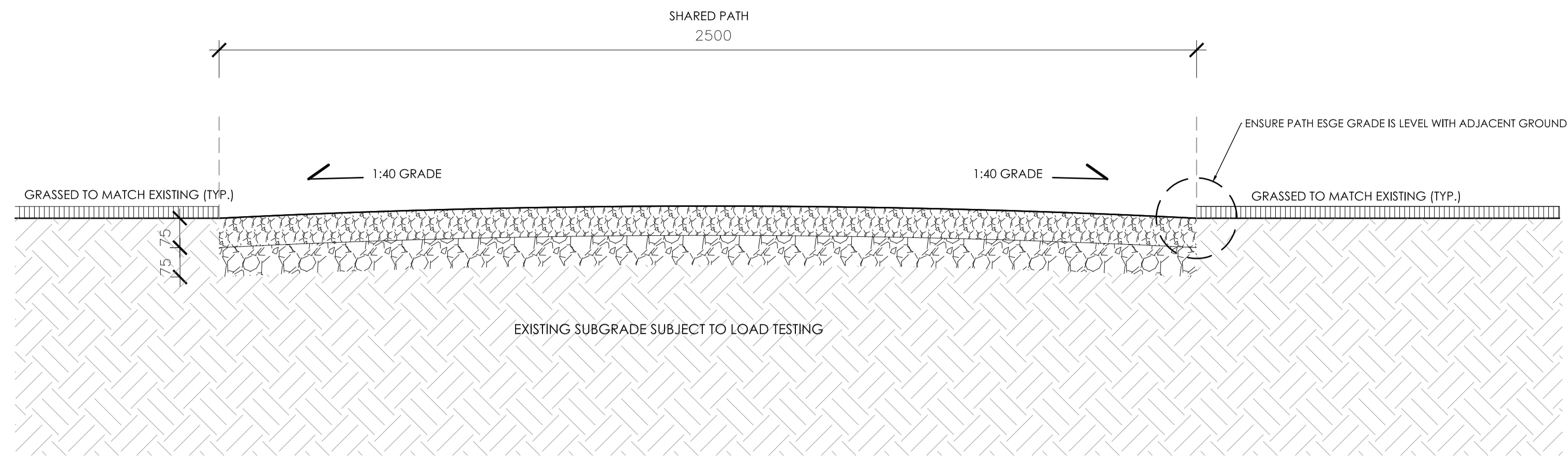


SECTION 04, 05 & 06
Seating.
Mudstone Seat, Log seat
and wetland viewing
platform

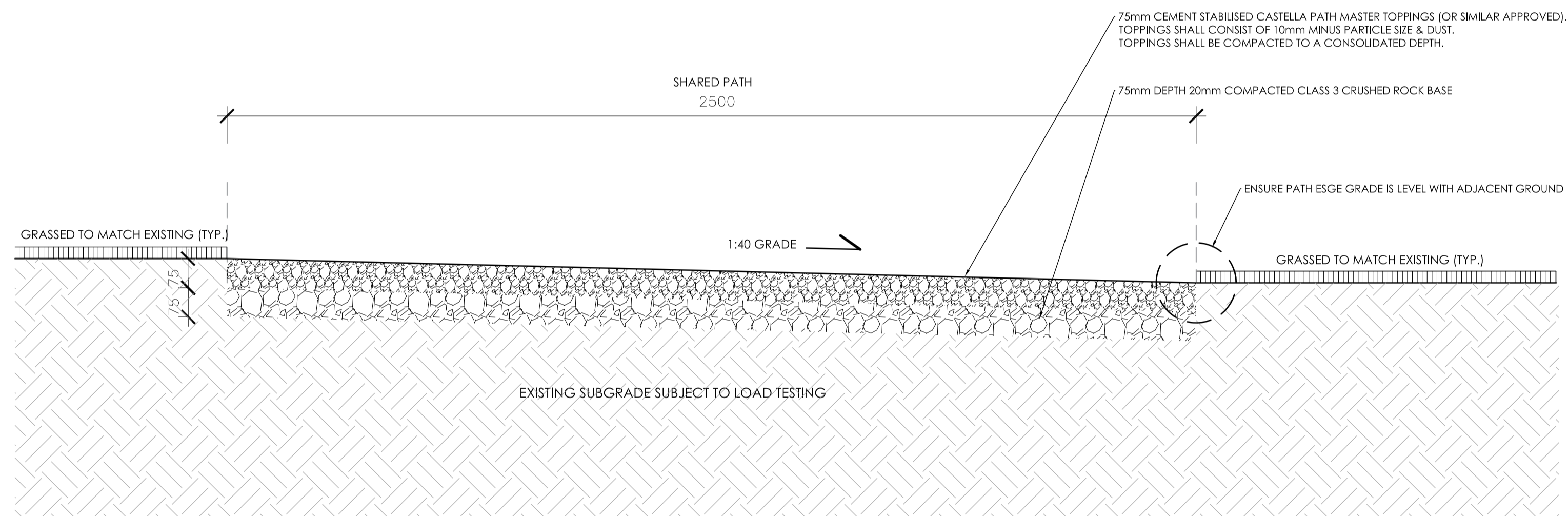
Title
0 0.5 1 2 3m
1:50 @ A1
Scale
SEPT. 2022
Date

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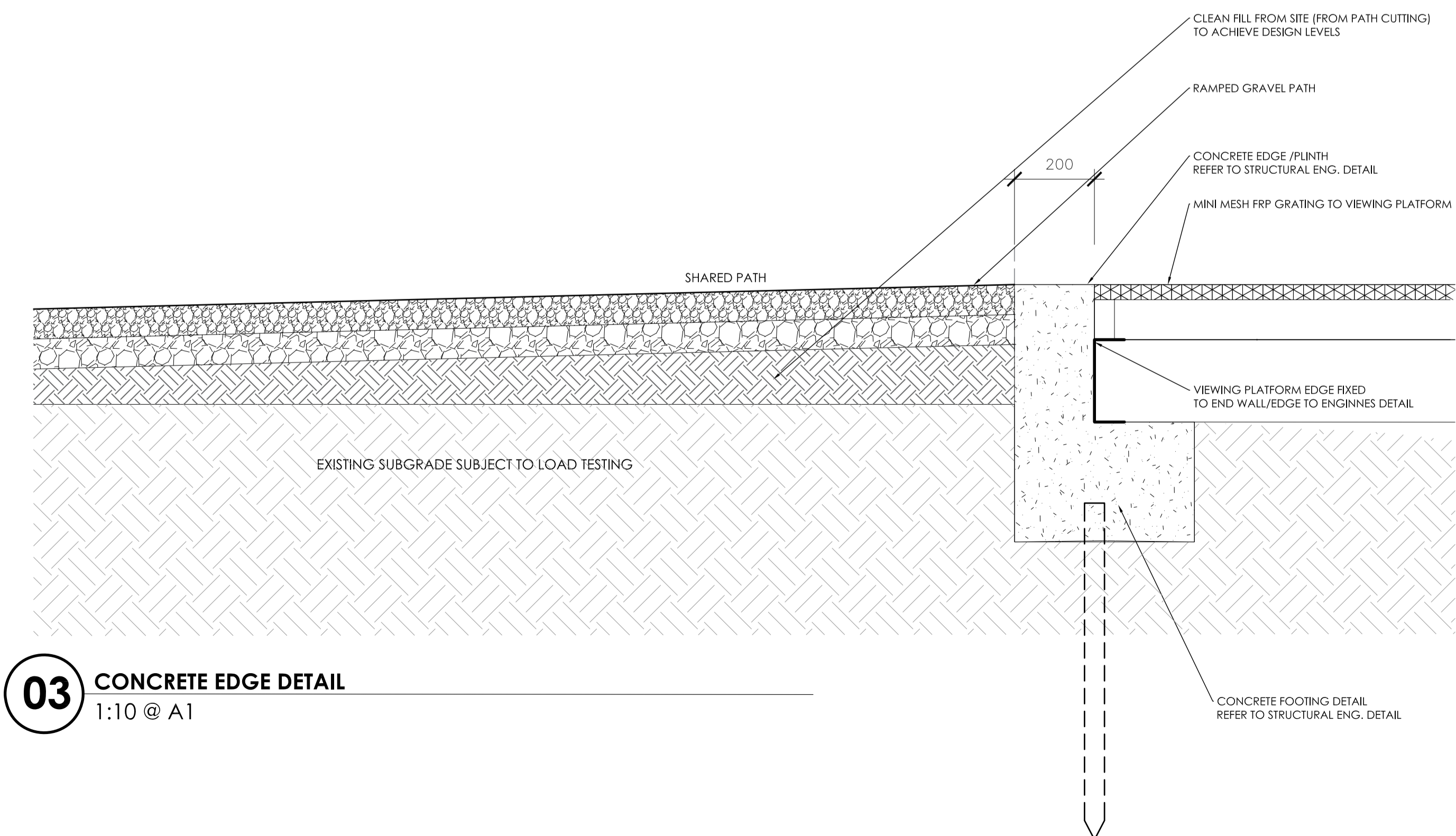
NOT FOR CONSTRUCTION



01 SECTION SHARED PATH - CROSS FALL FROM CROWN OF PATH
1:10 @ A1



02 SECTION SHARED PATH - ONE SIDE CROSS FALL
1:10 @ A1



03 CONCRETE EDGE DETAIL
1:10 @ A1

L401 **DRAFT**

Melbourne Water
Proprietor
Little Yarra River Trail
Project
Warburton Rail Trail to
Riversdale Road
Yarra Junction
Site Address

**SURFACE FINISH &
EDGING DETAIL**

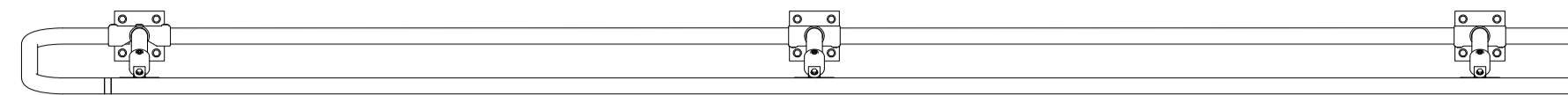
Title

AS SHOWN
Scale
SEPT. 2022
Date

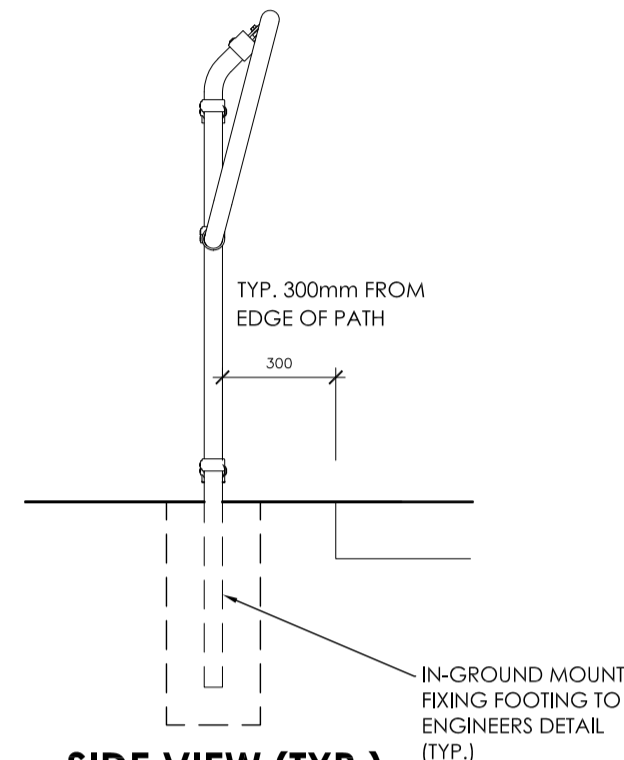
henry landscape design

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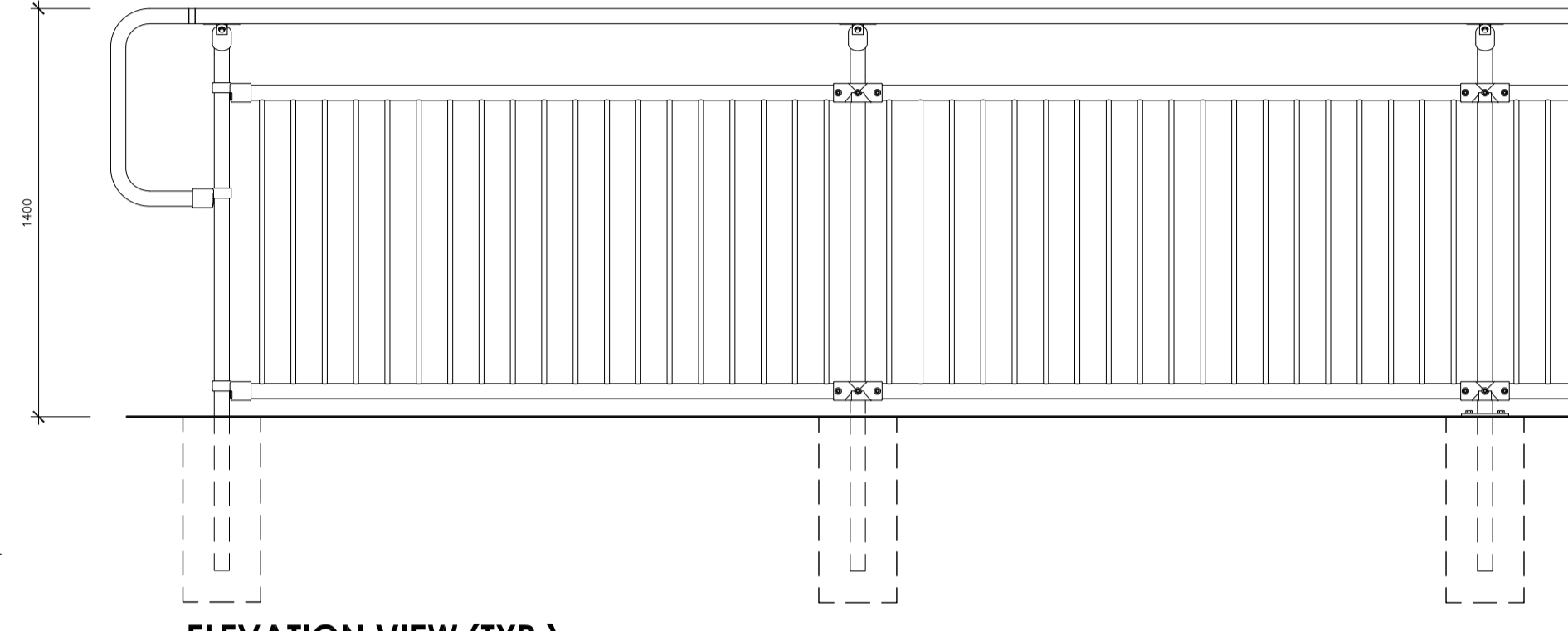
NOT FOR CONSTRUCTION



PLAN VIEW (TYP.)



SIDE VIEW (TYP.)



ELEVATION VIEW (TYP.)

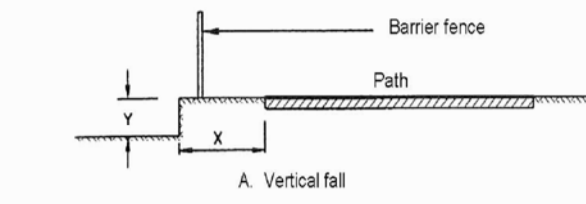
SUPPLIER: MODDEX (OR SIMILAR APPROVED)
MATERIAL: GALVANISED STEEL

NOTE:

- GALVANISED FINISH TO BE CONFIRMED AND APPROVED PRIOR TO FABRICATION
- SHOP DRAWING TO BE PROVIDED AND APPROVED BY MW SUPERINTENDENT PRIOR TO FABRICATION
- POST SPACING TO BE CONFIRMED ON SITE
- TO BE CONSTRUCTED IN ACCORDANCE WITH AUSTRROADS GUIDE ANS AS AS 5100
- FENCE CONSTRUCTION MUST NOT PRESENT ANY SHARP OR OTHERWISE DANGEROUS EDGES TO SHARED PATH
- FULL BARRIER TO BE MANUFACTURED TO SUIT GRADIENT OF SHARED PATH
- ALL END POINTS TO PRESENT FLARED AND ROUNDED RAIL TERMINATIONS

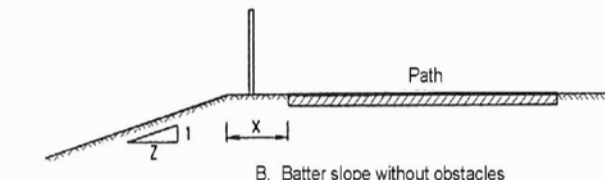
REQUIREMENTS FOR FENCE BATTERS AT BATTERS & VERTICAL DROPS

From Austrroads Guide to Road Design Part 6A
 Paths for Walking and Cycling

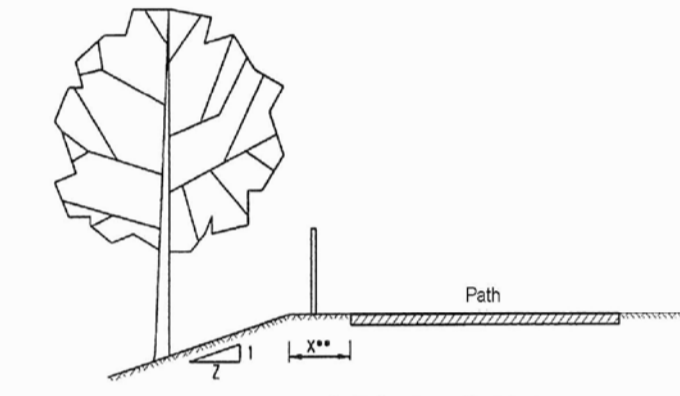


	X (m)	Y (m)
Fence not required*	<2	<0.25
Partial barrier fence required	<5	0.25 to 2
Full barrier fence required	<5	>2

* Batter off the surface where fall is within 1 m of path.



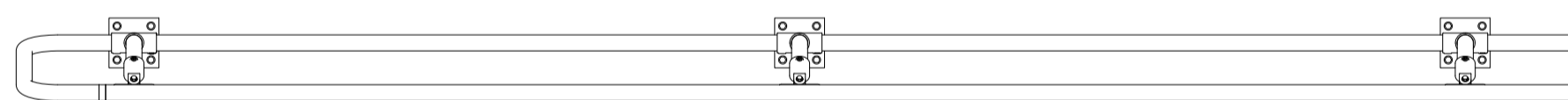
	X (m)	Z (m)
Fence not required	<1	>8
Partial barrier fence required	1 to 5	>3
Full barrier fence required	<5	1 to 3



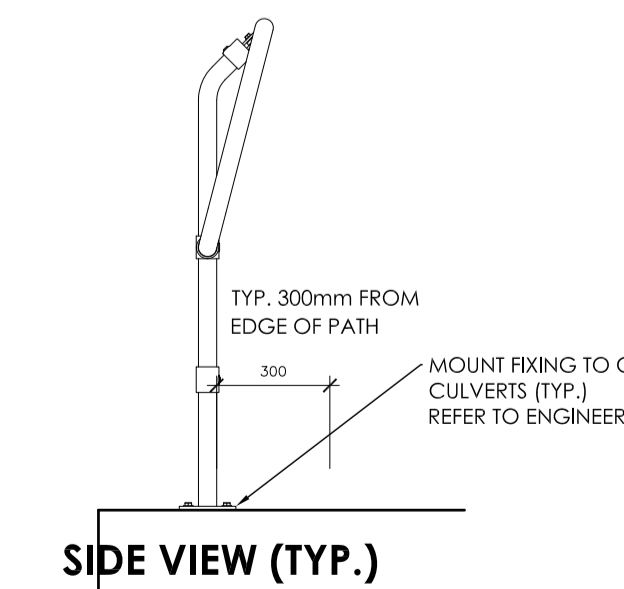
	X (m)	Z (m)
Fence not required	<1	>6
Partial barrier fence required	1 to 5	>4
Full barrier fence required	<5	3 to 4

* Barrier fence required if obstacle within 1 m of path.

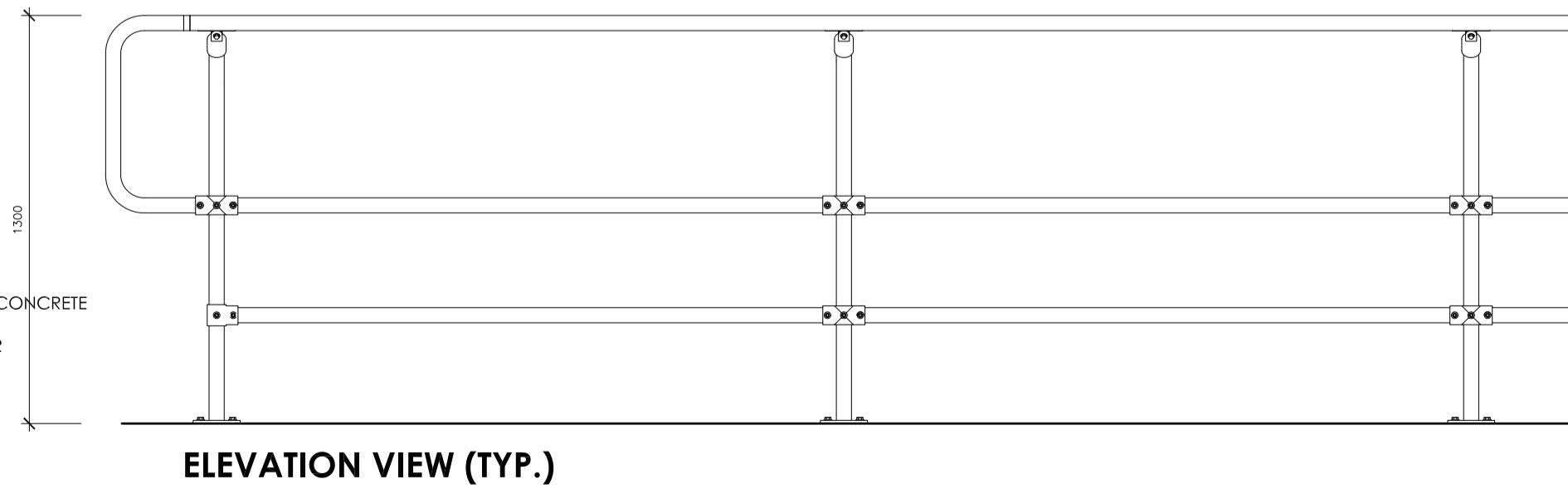
04 FENCING TYPE 01 FULL BARRIER FENCING
 1:20 @ A1



PLAN VIEW (TYP.)

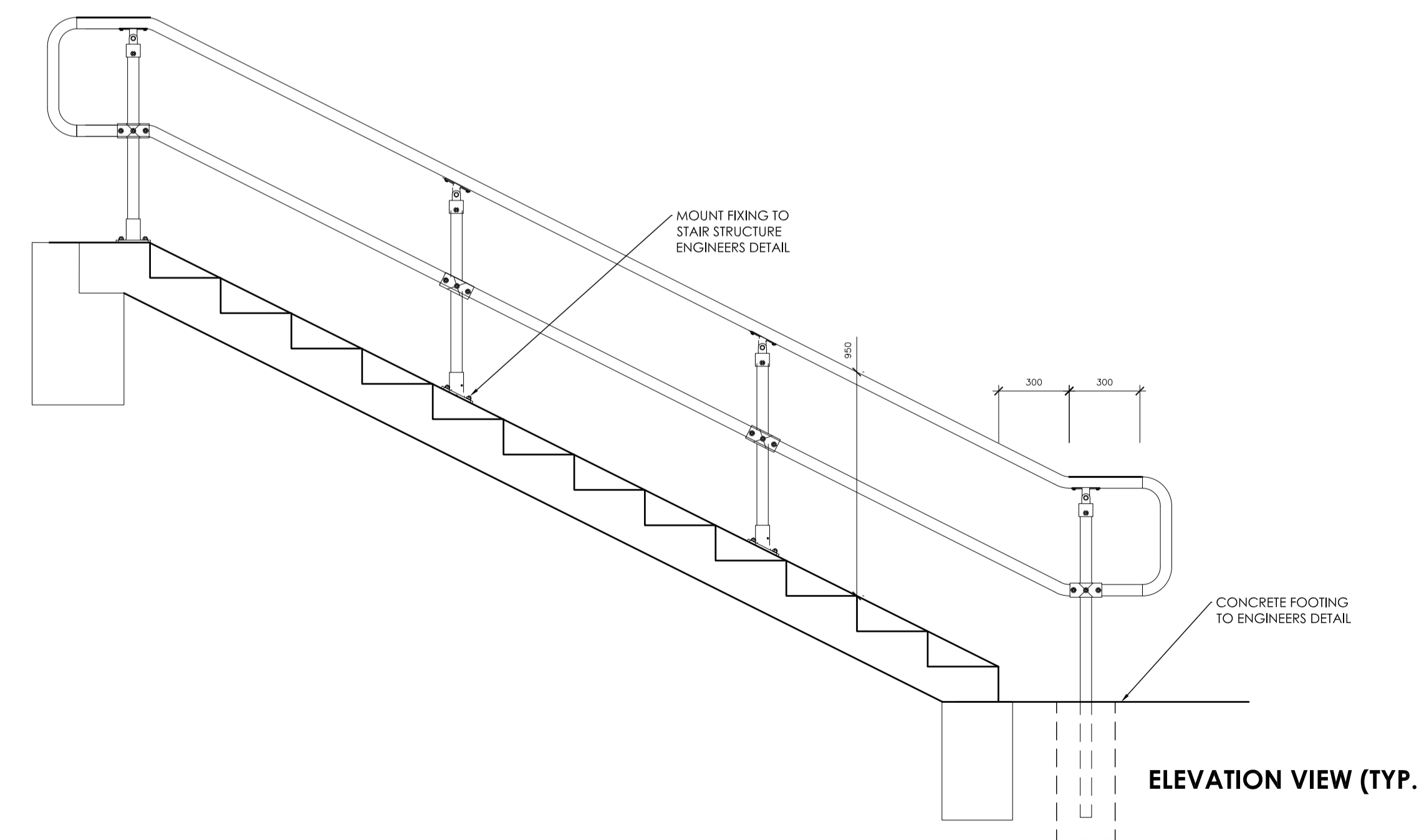


SIDE VIEW (TYP.)



ELEVATION VIEW (TYP.)

05 FENCING TYPE 02- PARTIAL BARRIER FENCING
 1:20 @ A1



ELEVATION VIEW (TYP.)

06 HANDRAIL
 1:20 @ A1

Revision
L402 DRAFT
 Dwg. No. Issue

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 Yarra Junction
 Site Address

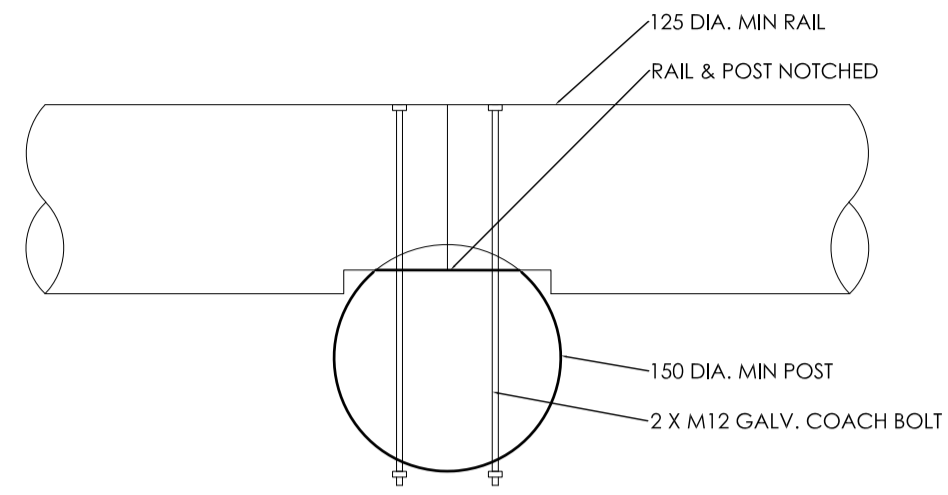
STEEL BARRIERS & HANDRAIL DETAIL

Title
 1:20 @ A1
 Scale
 SEPT. 2022
 Date

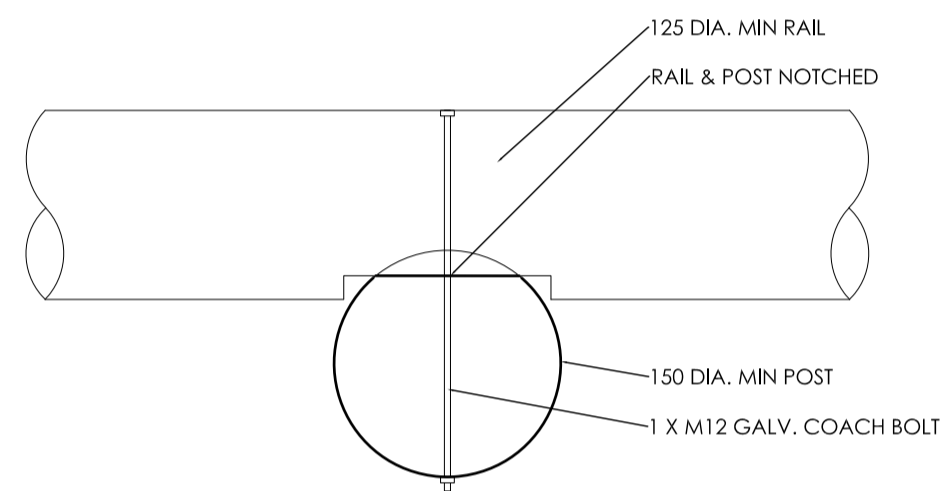


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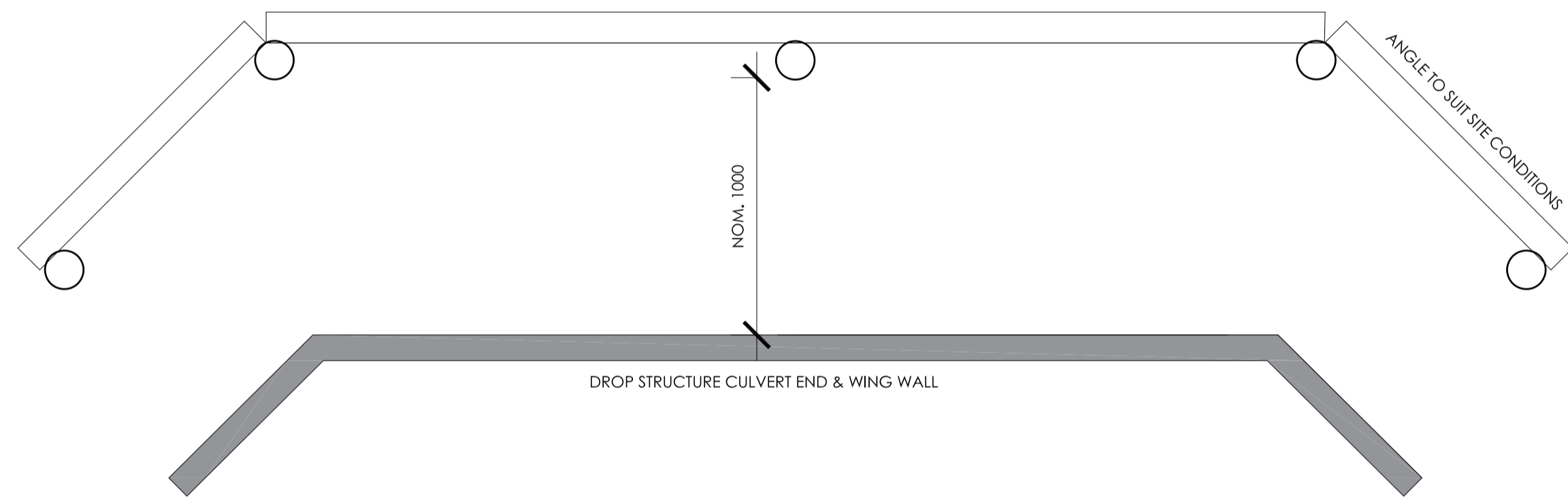
NOT FOR CONSTRUCTION



RAIL (SINGLE SPAN) TO POST CONNECTION PLAN
1:5 @ A1

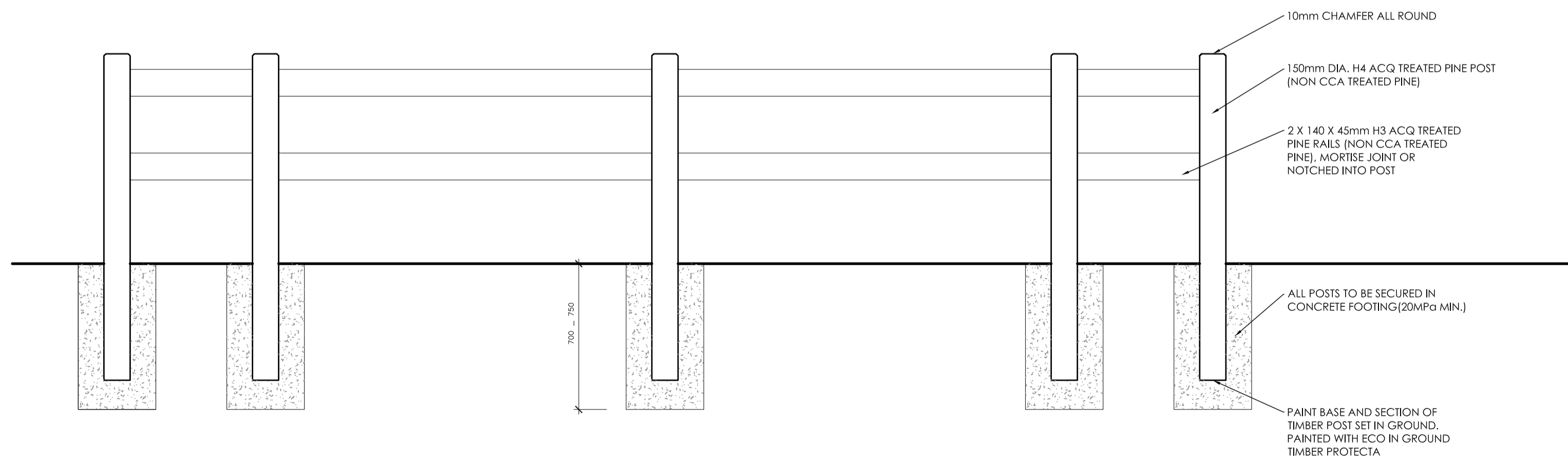


RAIL (CONTINUOUS) TO POST CONNECTION PLAN
1:5 @ A1

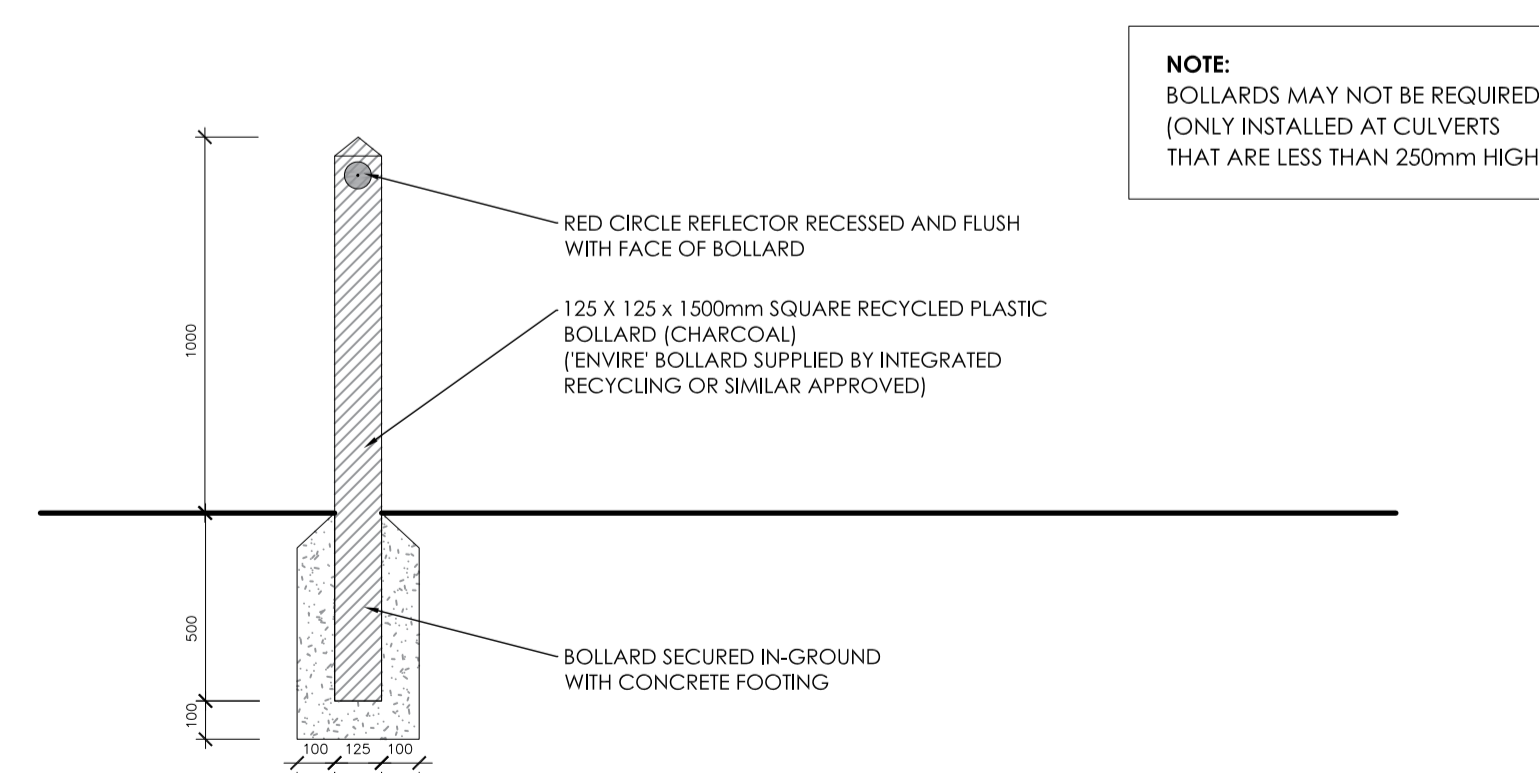


NOTE:

1. SETOUT TO BE APPROVED ON SITE
2. LAYOUT AND OFFSET OF BARRIER WILL VARY ACCORDING TO THE DROP STRUCTURE LAYOUT, CULVERT SIZE AND SITE CONDITIONS
3. ALL TIMBER SHALL BE ACQ TREATED PINE. RELATIVELY STRAIGHT AND UNIFORM IN PROFILE
4. LOCATION OF CULVERT TO BE CONFIRMED ON SITE BY CONTRACTOR PRIOR TO CONSTRUCTION



07 FENCING TYPE 03-CULVERT BARRIER FENCING (FOR USE ON CULVERTS > 250mm)
1:20 @ A1



NOTE:
BOLLARDS MAY NOT BE REQUIRED (ONLY INSTALLED AT CULVERTS THAT ARE LESS THAN 250mm HIGH)

08 BOLLARDS (FOR USE ON CULVERTS < 250mm)
1:20 @ A1

L403 DRAFT

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Yarra Junction
Site Address

CULVERT BARRIER & BOLLARD DETAIL

Title

1:20 @ A1
Scale

SEPT. 2022
Date

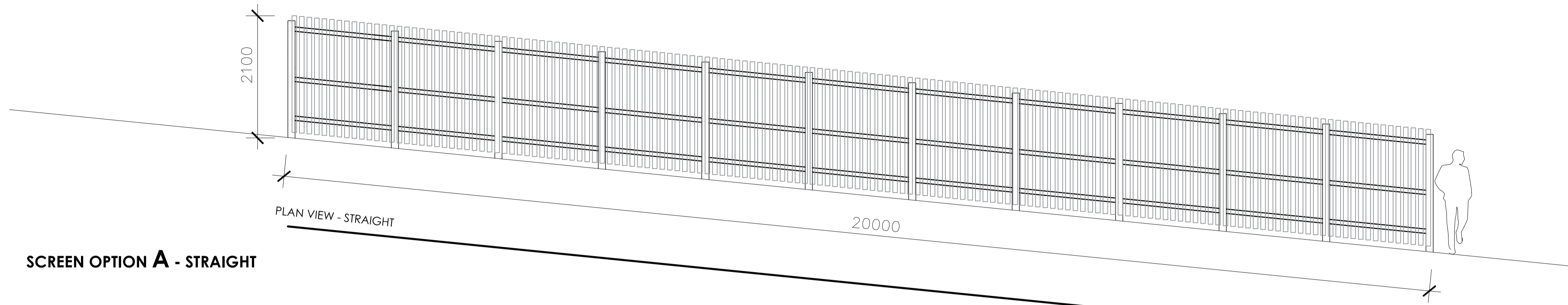


henry landscape design

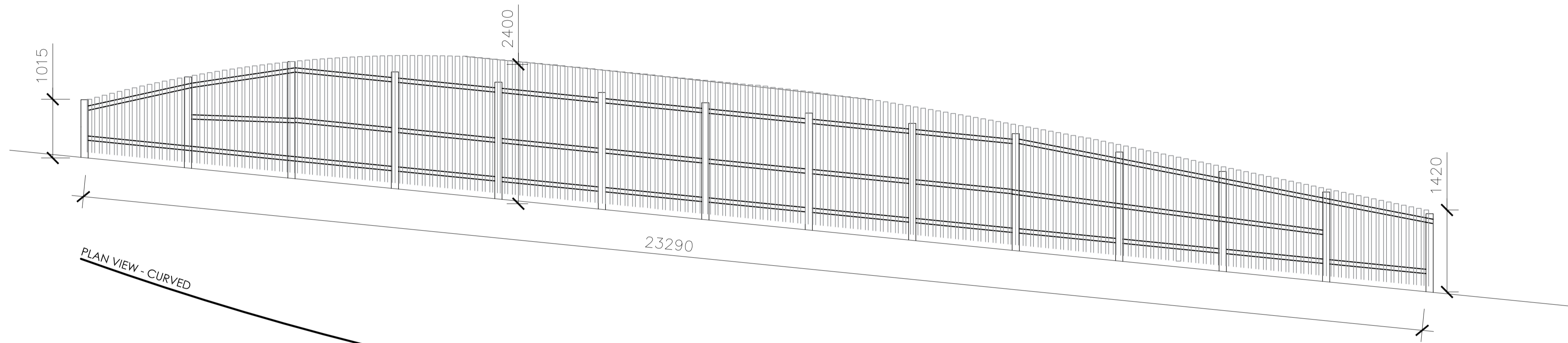
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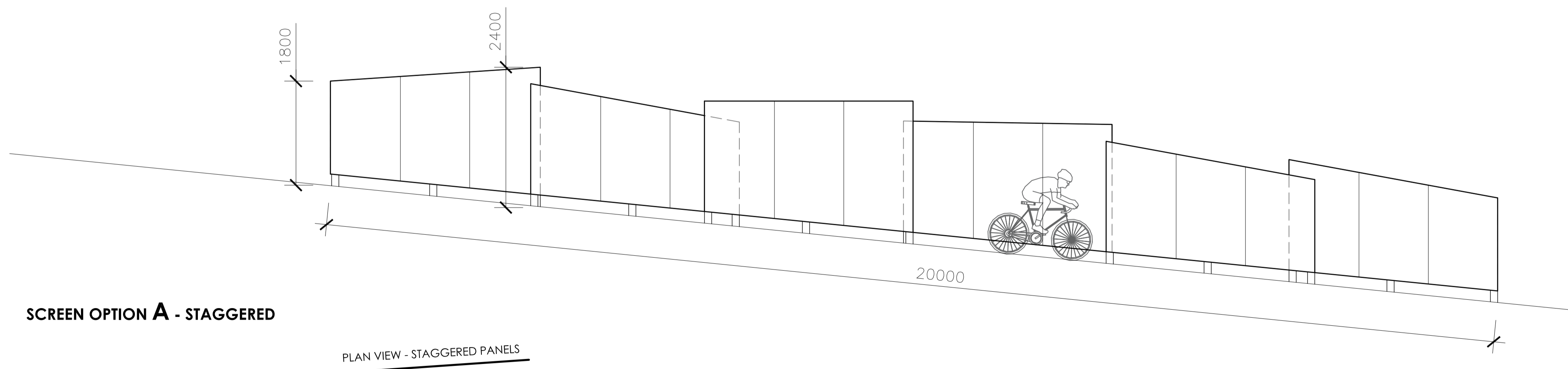
NOT FOR CONSTRUCTION



SCREEN OPTION A - STRAIGHT



SCREEN OPTION B - CURVED



SCREEN OPTION A - STAGGERED

LANDSCAPE MATERIAL NOTES

ALL EXTERNAL COLOURS AND FINISHES MUST BE NON-REFLECTIVE
 OPTION FOR SCREEN MATERIALS FOR CONSIDERATION (CAN BE SELECTED FOR ALL 3 X DESIGN OPTIONS):
 1. HARDWOOD TIMBER BATTENS SCREEN - PRODUCT SOURCED FROM FSC CERTIFIED FORESTRY
 2. ECOPLY SHADOWCLAD - STAINED FOR OUTDOOR USE
 NO CCA treated pine to be used in the landscape construction



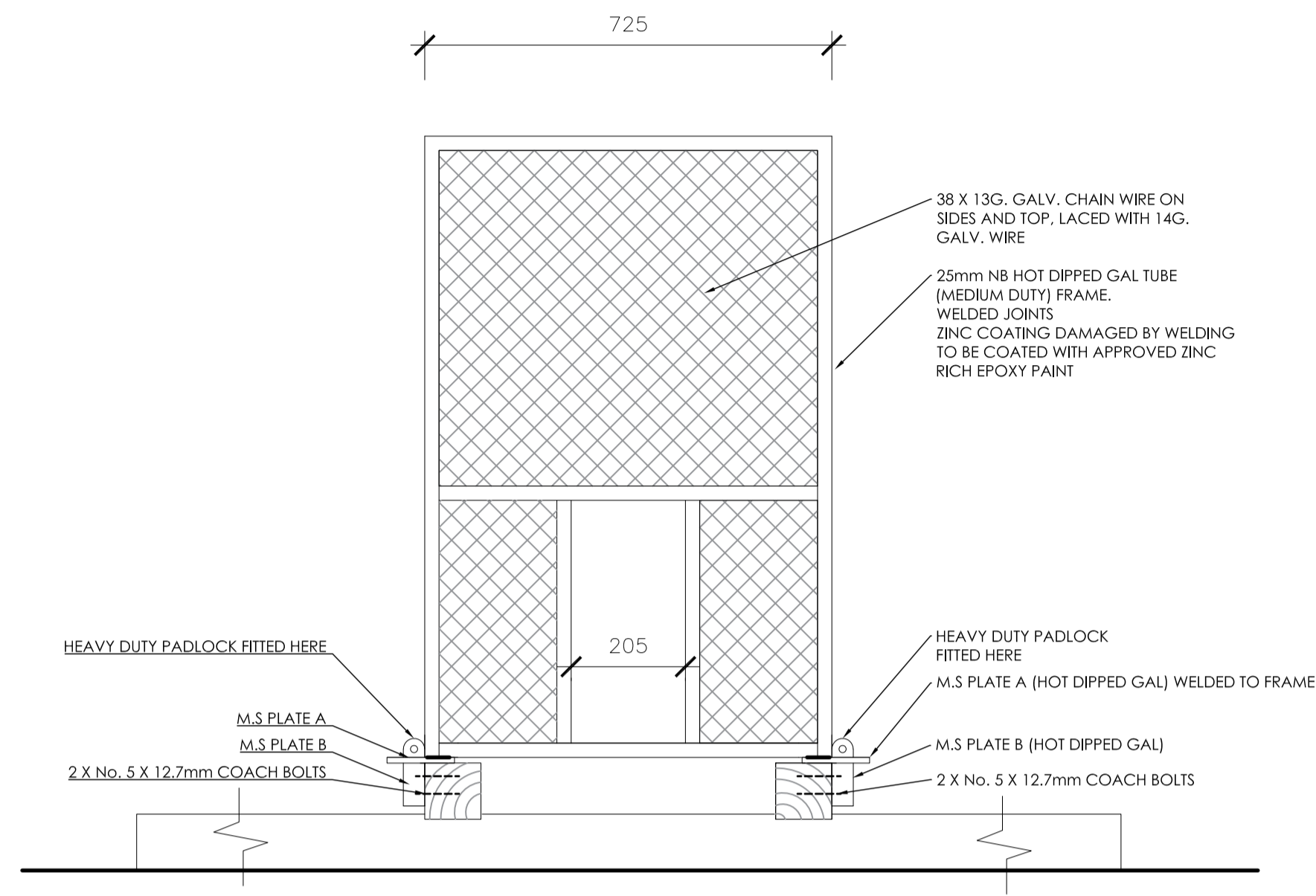
L404 DRAFT
Draw No Issue Revision

Melbourne Water
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 Little Yarra River Trail
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 Yarra Junction
 Site Address

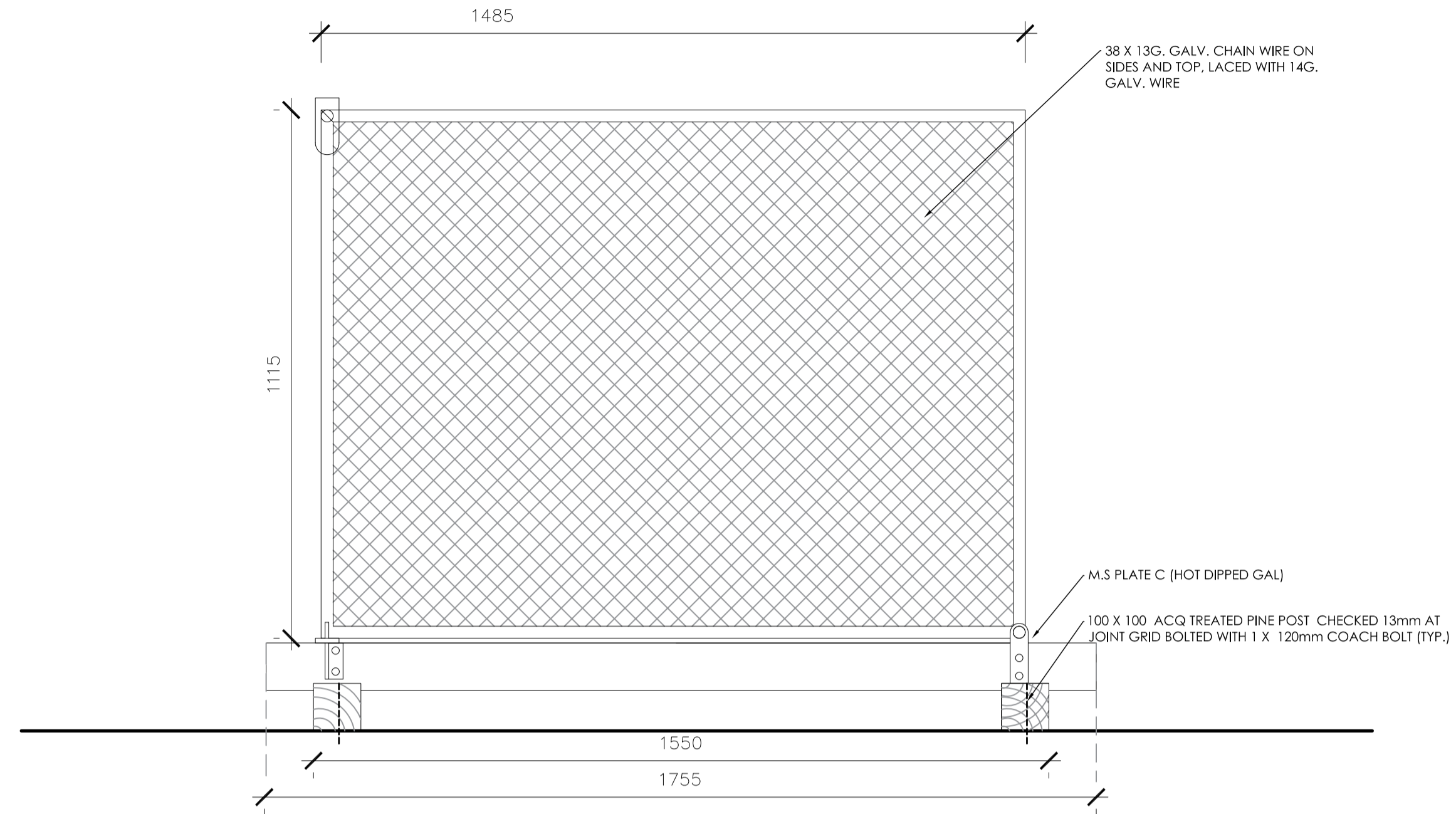
**SCREEN CONCEPT
 DESIGN OPTIONS**

Title
 0 0.5 1 2 3m
 Scale
 1:50 @ A1
 SEPT. 2022
 Date

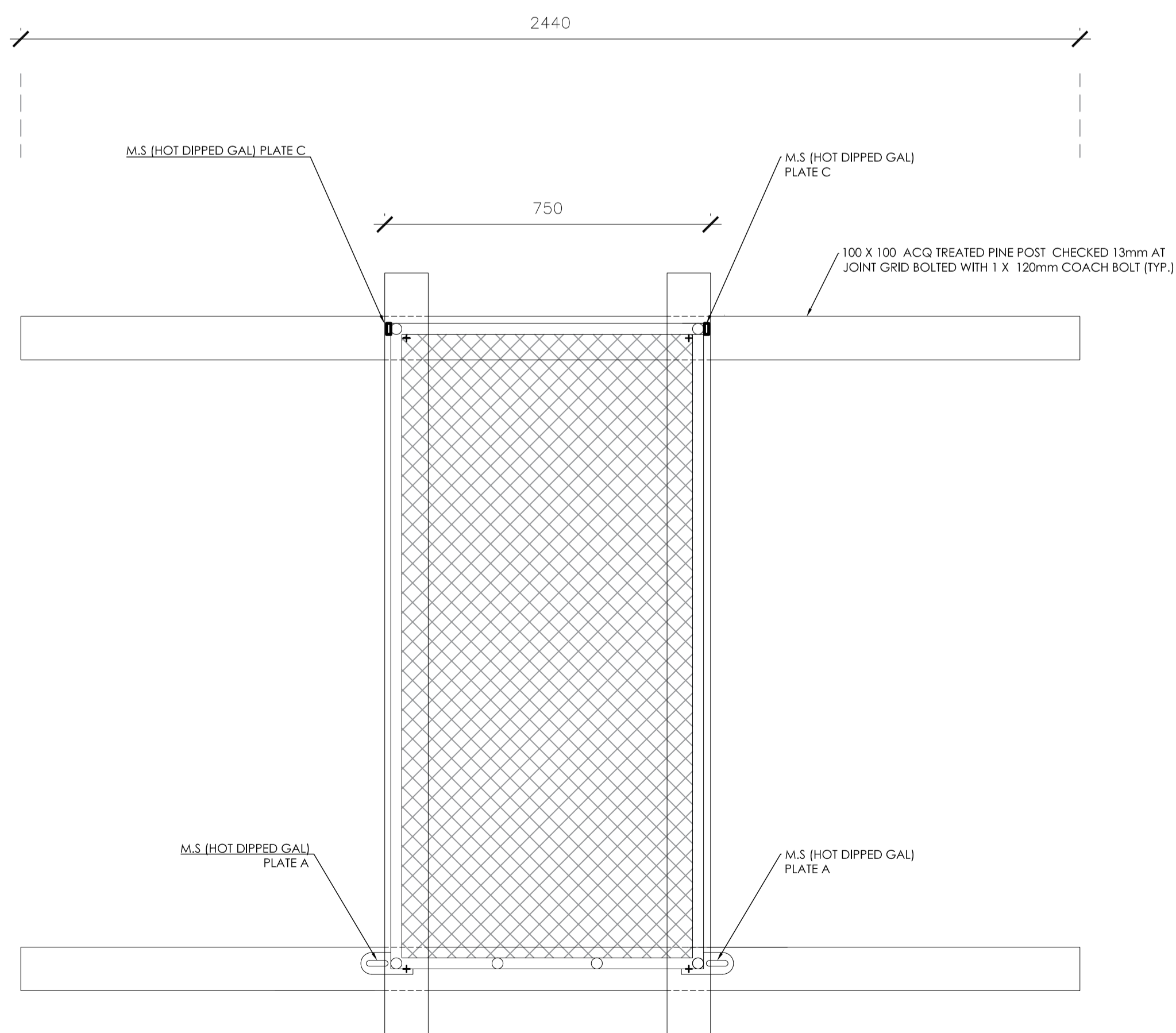




ELEVATION VIEW 1:10 @ A1



SIDE ELEVATION VIEW 1:10 @ A1



PLAN VIEW 1:10 @ A1

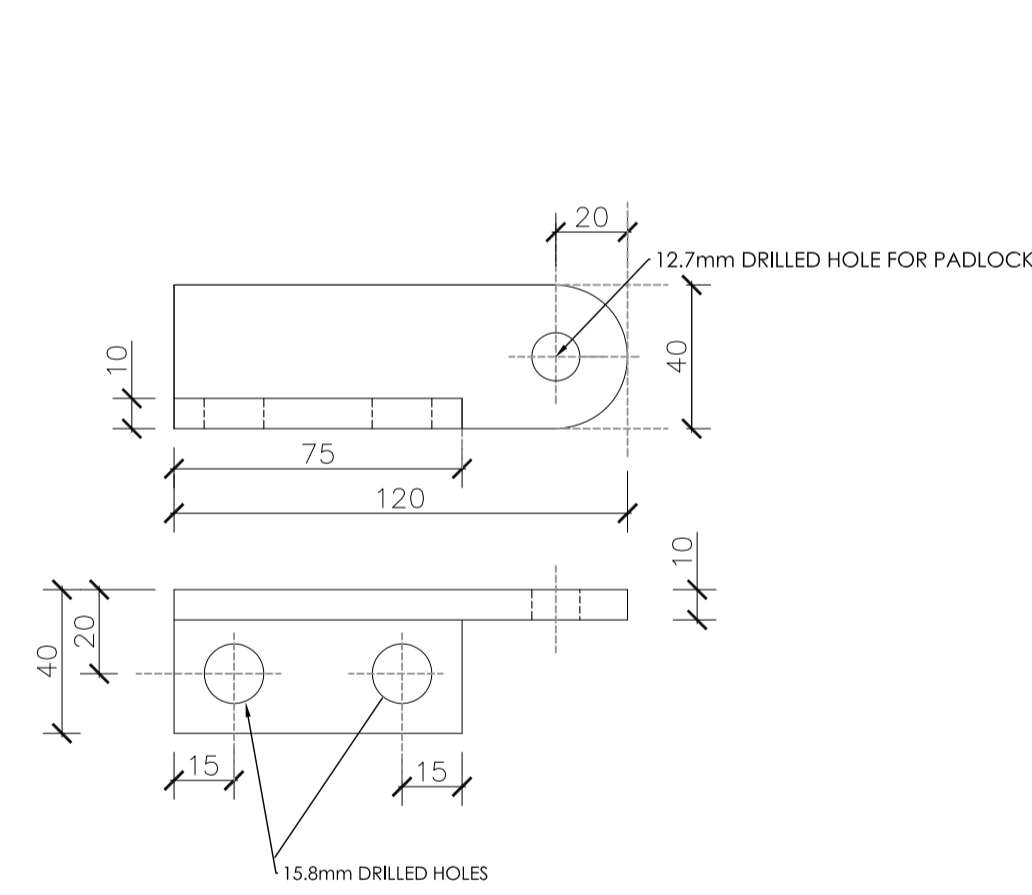


PLATE B 1:2 @ A1

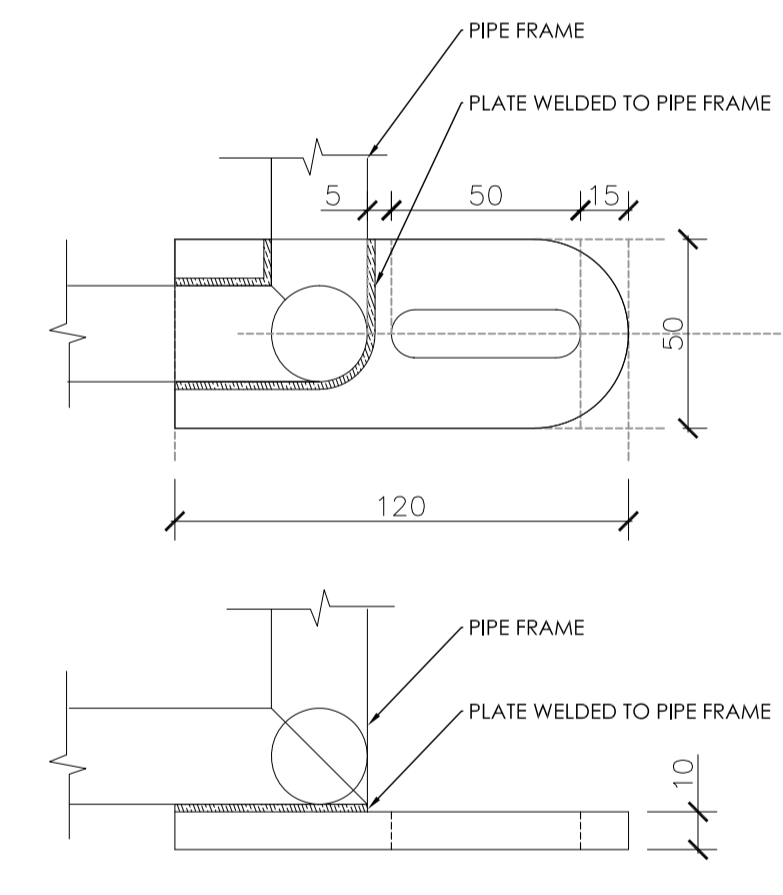


PLATE A 1:2 @ A1

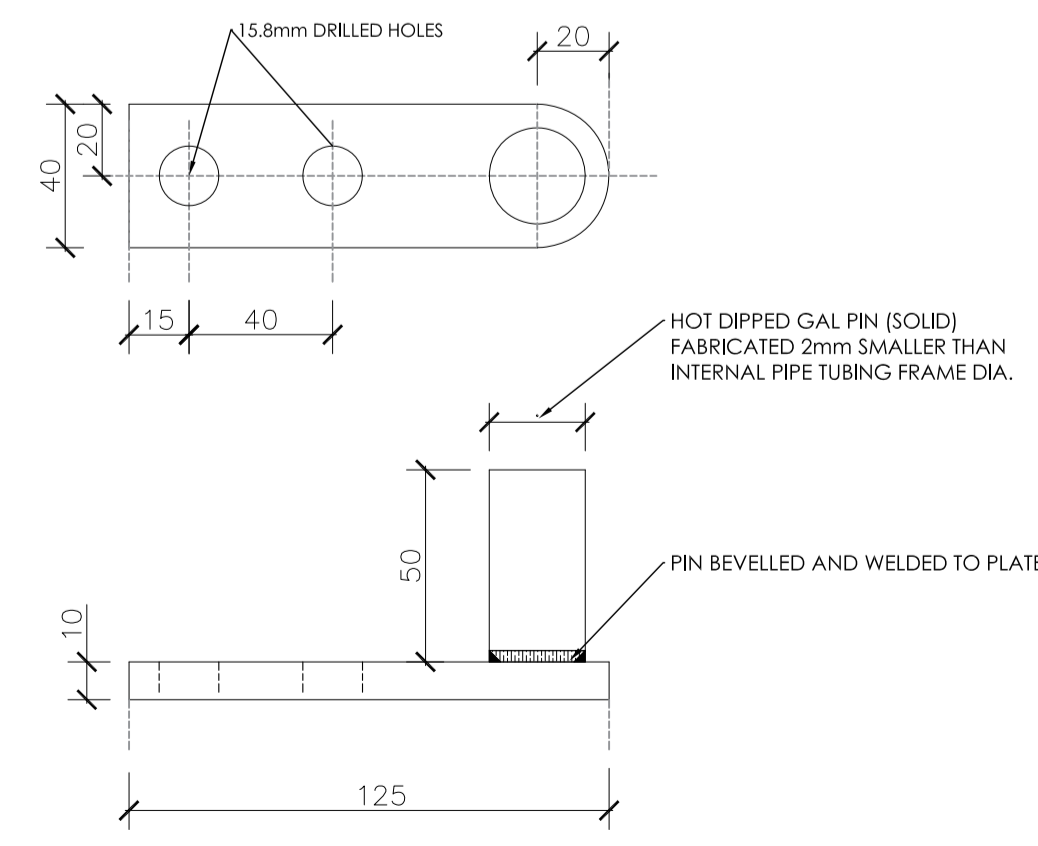


PLATE C 1:2 @ A1

NOTES
 THESE DETAILS ARE BASED ON MELBOURNE WATER DRAWINGS (TO BE CONFIRMED WITH MW SUPERINTENDENT PRIOR TO CONSTRUCTION)
 1. CHAIN WIRE COVER FOR 6" SINGLE CHAMBER AIR VALVE-S22/15
 2. CHAIN WIRE COVER FOR 6" SINGLE CHAMBER AIR VALVE-S22/16
 NO CCA treated plate to be used in the landscape construction

L405 DRAFT
 Dwg. No. Issue Revision

Melbourne Water
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 Little Yarra River Trail
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 Riversdale Road
 Yarra Junction
 Site Address

**Chain Wire Cover
 for 6" Chamber Air Valve**

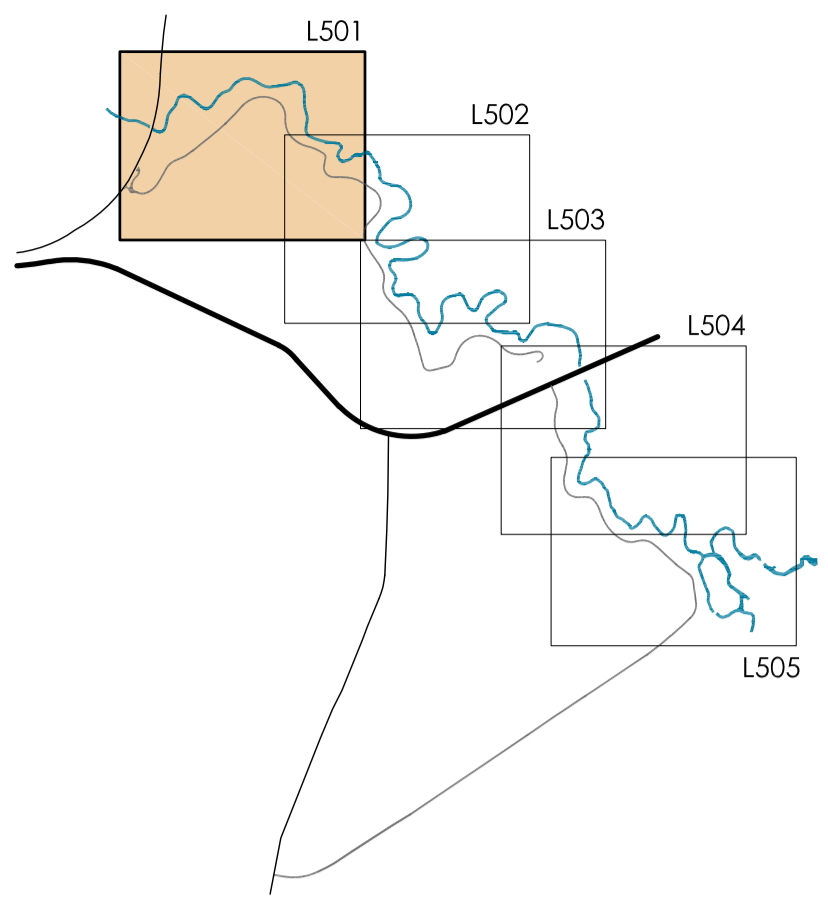
Title

AS SHOWN Scale SEPT. 2022 Date



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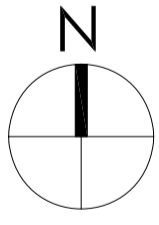
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- LEGEND**
REFER TO L506 FOR PLANT SCHEDULE
- RF1** RIPARIAN FOREST TYPE 1 REVEGETATION AREA.
PLANTING RESTRICTED TO 10 METRES FROM TOP OF RIVER BANK
 - RF2** RIPARIAN FOREST TYPE 2 REVEGETATION AREA.
LOW PLANTING
 - RF3** RIPARIAN FOREST TYPE 3 REVEGETATION AREA.
PLANTING TO ERODED RIVER BANK AREAS
 - SRW** SWAMPY RIPARIAN WOODLAND REVEGETATION AREA.
PLANTING RESTRICTED TO 10 METRES FROM TOP OF RIVER BANK
 - WVS** WET VERGE SEDGELAND REVEGETATION AREA.
 - LEU** LITTORAL EDGE UPPER
250-450mm ABOVE NTWL
 - LEL** LITTORAL EDGE LOWER
0 - 250mm ABOVE NTWL
 - SH** SHALLOW MARSH
0 - 150mm BELOW NTWL
 - DM** DEEP MARSH
150 - 350mm BELOW NTWL
 - SubM** SUBMERGED MARSH
350 - 700mm BELOW NTWL

L501 DRAFT

Melbourne Water
Proprietor
Little Yarra River Trail
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Yarra Junction
Site Address

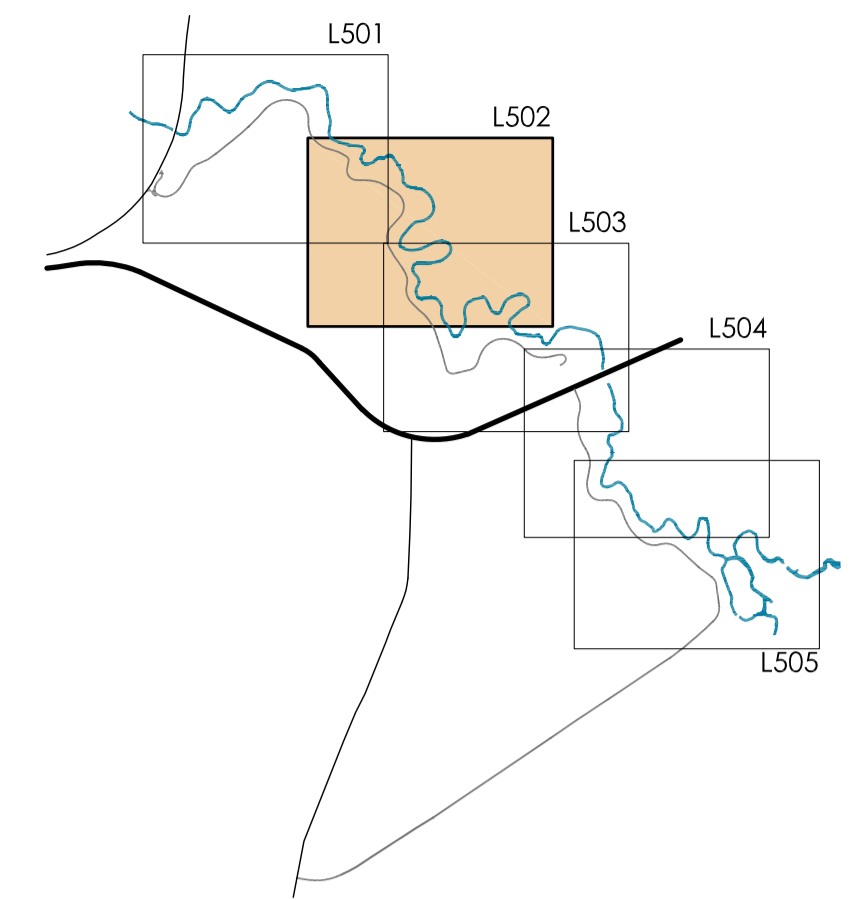


**PLANTING PLAN
Revegetation Zone 1**

Title
0 2 5 10 15 20m
Scale
1:500 @ A1
SEPT. 2022
Date



NOT FOR CONSTRUCTION

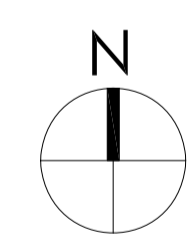


LEGEND
REFER TO L506 FOR PLANT SCHEDULE

RF1	RIPARIAN FOREST TYPE 1 REVEGETATION AREA. PLANTING RESTRICTED TO 10 METRES FROM TOP OF RIVER BANK
RF2	RIPARIAN FOREST TYPE 2 REVEGETATION AREA. LOW PLANTING
RF3	RIPARIAN FOREST TYPE 3 REVEGETATION AREA. PLANTING TO ERODED RIVER BANK AREAS
SRW	SWAMPY RIPARIAN WOODLAND REVEGETATION AREA. PLANTING RESTRICTED TO 10 METRES FROM TOP OF RIVER BANK
WVS	WET VERGE SEDGELAND REVEGETATION AREA.
LEU	LITTORAL EDGE UPPER 250-450mm ABOVE NTWL
LEL	LITTORAL EDGE LOWER 0 - 250mm ABOVE NTWL
SH	SHALLOW MARSH 0 - 150mm BELOW NTWL
DM	DEEP MARSH 150 - 350mm BELOW NTWL
SubM	SUBMERGED MARSH 350 - 700mm BELOW NTWL

L502 DRAFT
Dwg. No Issue Revision

Melbourne Water
Proprietor
Little Yarra River Trail
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Warburton Rail Trail to
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Yarra Junction
Site Address

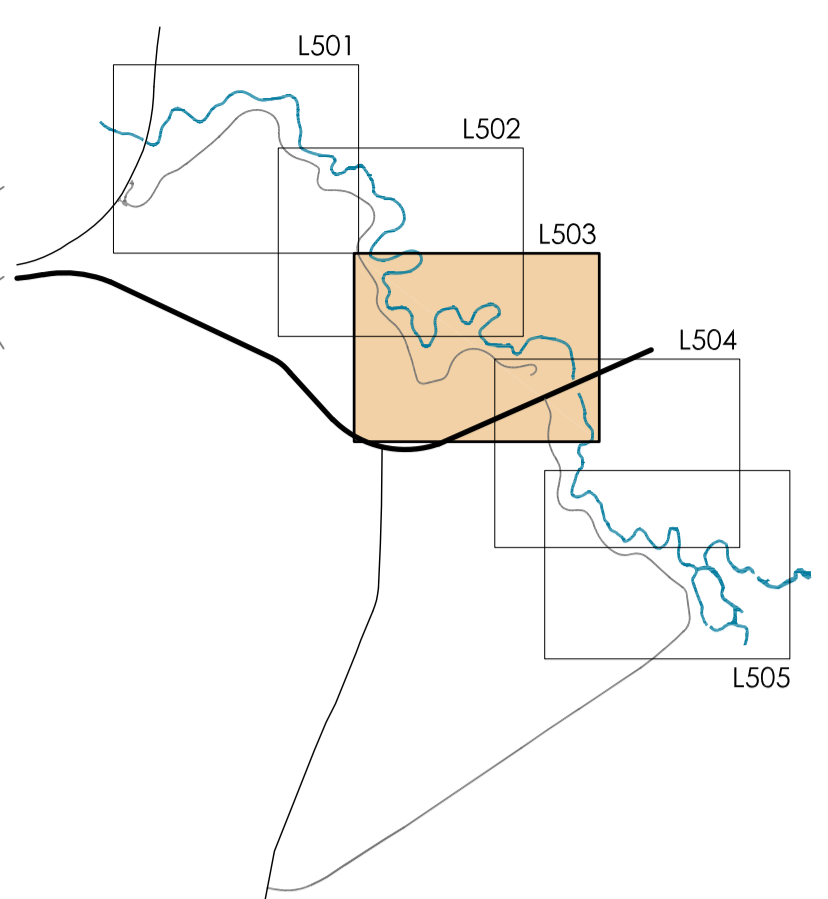


PLANTING PLAN
Revegetation Zone 2

Title
0 2 5 10 15 20m
Scale
1:500 @ A1
SEPT. 2022
Date



NOT FOR CONSTRUCTION



LEGEND
REFER TO L506 FOR PLANT SCHEDULE

RF1	RIPARIAN FOREST TYPE 1 REVEGETATION AREA. PLANTING RESTRICTED TO 10 METRES FROM TOP OF RIVER BANK.
RF2	RIPARIAN FOREST TYPE 2 REVEGETATION AREA. LOW PLANTING
RF3	RIPARIAN FOREST TYPE 3 REVEGETATION AREA. PLANTING TO ERODED RIVER BANK AREAS
SRW	SWAMPY RIPARIAN WOODLAND REVEGETATION AREA. PLANTING RESTRICTED TO 10 METRES FROM TOP OF RIVER BANK.
WVS	WET VERGE SEDGELAND REVEGETATION AREA.
LEU	LITTORAL EDGE UPPER 250-450mm ABOVE NTWL
LEL	LITTORAL EDGE LOWER 0 - 250mm ABOVE NTWL
SH	SHALLOW MARSH 0 - 150mm BELOW NTWL
DM	DEEP MARSH 150 - 350mm BELOW NTWL
SubM	SUBMERGED MARSH 350 - 700mm BELOW NTWL

GENERAL NOTE:

Jute Matting:
Supply and install 6 slotted Thick Jute matting to Littoral Planting Zones. Secure pining as per manufactures recommendations

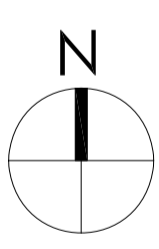
Bird Netting:
Supply and install bird proof mesh netting & arches to Deep Marsh Planting zones

L503 DRAFT

Melbourne Water
Proprietor

Little Yarra River Trail
Project

Warburton Rail Trail to Riversdale Road
Yarra Junction
Site Address



PLANTING PLAN
Revegetation Zone 3

Title

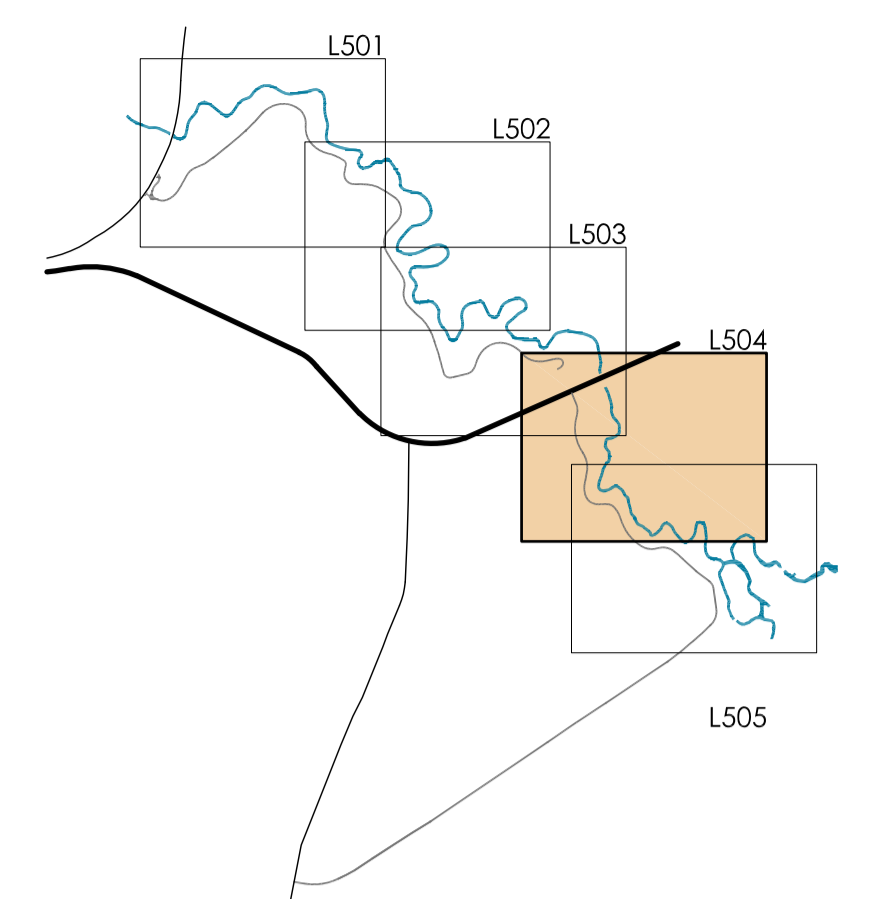
1:500 @ A1
Scale

SEPT. 2022
Date



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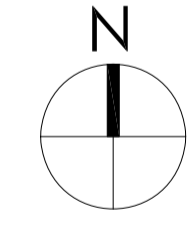
LEGEND
REFER TO L506 FOR PLANT SCHEDULE

RF1	RIPARIAN FOREST TYPE 1 REVEGETATION AREA. PLANTING RESTRICTED TO 10 METRES FROM TOP OF RIVER BANK
RF2	RIPARIAN FOREST TYPE 2 REVEGETATION AREA. LOW PLANTING
RF3	RIPARIAN FOREST TYPE 3 REVEGETATION AREA. PLANTING TO ERODED RIVER BANK AREAS
SRW	SWAMPY RIPARIAN WOODLAND REVEGETATION AREA. PLANTING RESTRICTED TO 10 METRES FROM TOP OF RIVER BANK
WVS	WET VERGE SEDGELAND REVEGETATION AREA.
LEU	LITTORAL EDGE UPPER 250-450mm ABOVE NTWL
LEL	LITTORAL EDGE LOWER 0 - 250mm ABOVE NTWL
SH	SHALLOW MARSH 0 - 150mm BELOW NTWL
DM	DEEP MARSH 150 - 350mm BELOW NTWL
SubM	SUBMERGED MARSH 350 - 700mm BELOW NTWL

**BLUE LOTUS WATER GARDEN
OPEN GARDEN AND RETAIL NURSERY**

L504 DRAFT
Dwg. No Issue Revision

Melbourne Water
Proprietor
Little Yarra River Trail
Project
Warburton Rail Trail to
Riversdale Road
Yarra Junction
Site Address

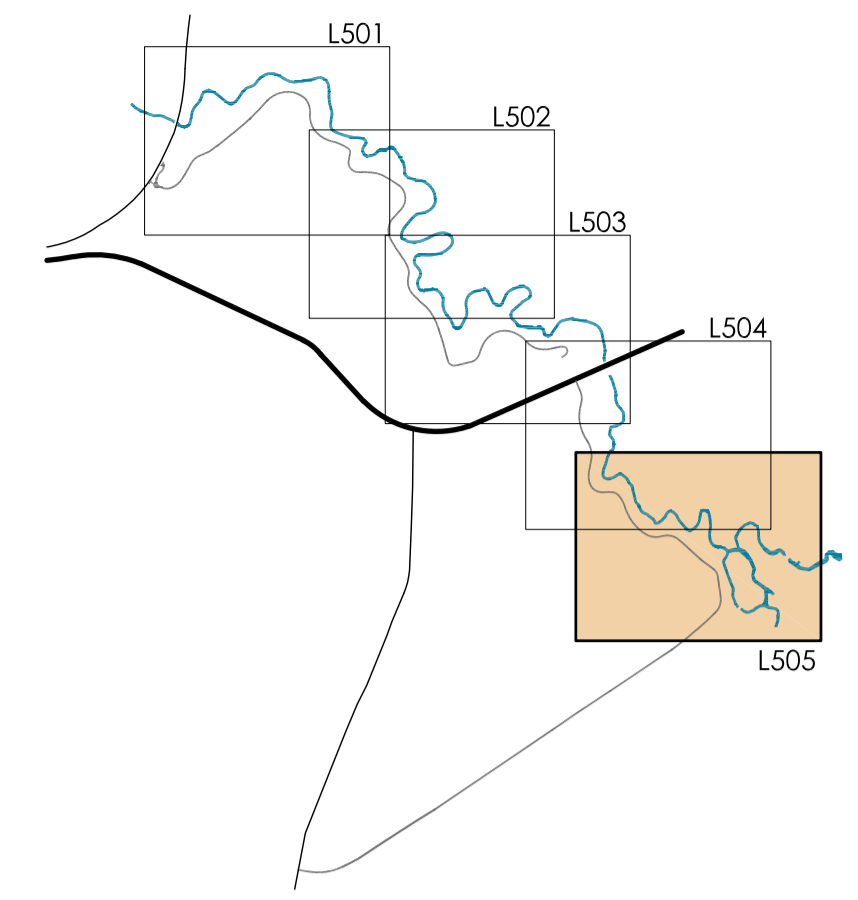


**PLANTING PLAN
Revegetation Zone 4**

Title
0 2 5 10 15 25m
Scale
1:500 @ A1
SEPT. 2022
Date

henry landscape design
ABN 90 838 719 320
145 Yarra Street, Warrandyte VIC 3113
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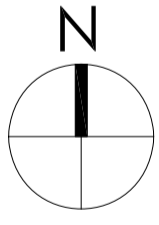
NOT FOR CONSTRUCTION



- LEGEND**
REFER TO L506 FOR PLANT SCHEDULE
- RF1** RIPARIAN FOREST TYPE 1 REVEGETATION AREA.
PLANTING RESTRICTED TO 10 METRES FROM TOP OF RIVER BANK.
 - RF2** RIPARIAN FOREST TYPE 2 REVEGETATION AREA.
LOW PLANTING
 - RF3** RIPARIAN FOREST TYPE 3 REVEGETATION AREA.
PLANTING TO ERODED RIVER BANK AREAS
 - SRW** SWAMPY RIPARIAN WOODLAND REVEGETATION AREA.
PLANTING RESTRICTED TO 10 METRES FROM TOP OF RIVER BANK.
 - WVS** WET VERGE SEDGELAND REVEGETATION AREA.
 - LEU** LITTORAL EDGE UPPER
250-450mm ABOVE NTWL
 - LEL** LITTORAL EDGE LOWER
0 - 250mm ABOVE NTWL
 - SH** SHALLOW MARSH
0 - 150mm BELOW NTWL
 - DM** DEEP MARSH
150 - 350mm BELOW NTWL
 - SubM** SUBMERGED MARSH
350 - 700mm BELOW NTWL

L505 DRAFT

Melbourne Water
Proprietor
Little Yarra River Trail
Project
Warburton Rail Trail to
Riversdale Road
Yarra Junction
Site Address



**PLANTING PLAN
Revegetation Zone 5**

Title
0 2 5 10 15 20m
Scale
1:500 @ A1
SEPT. 2022
Date



NOT FOR CONSTRUCTION

