

HARCOURT PARK, STRATHDALE

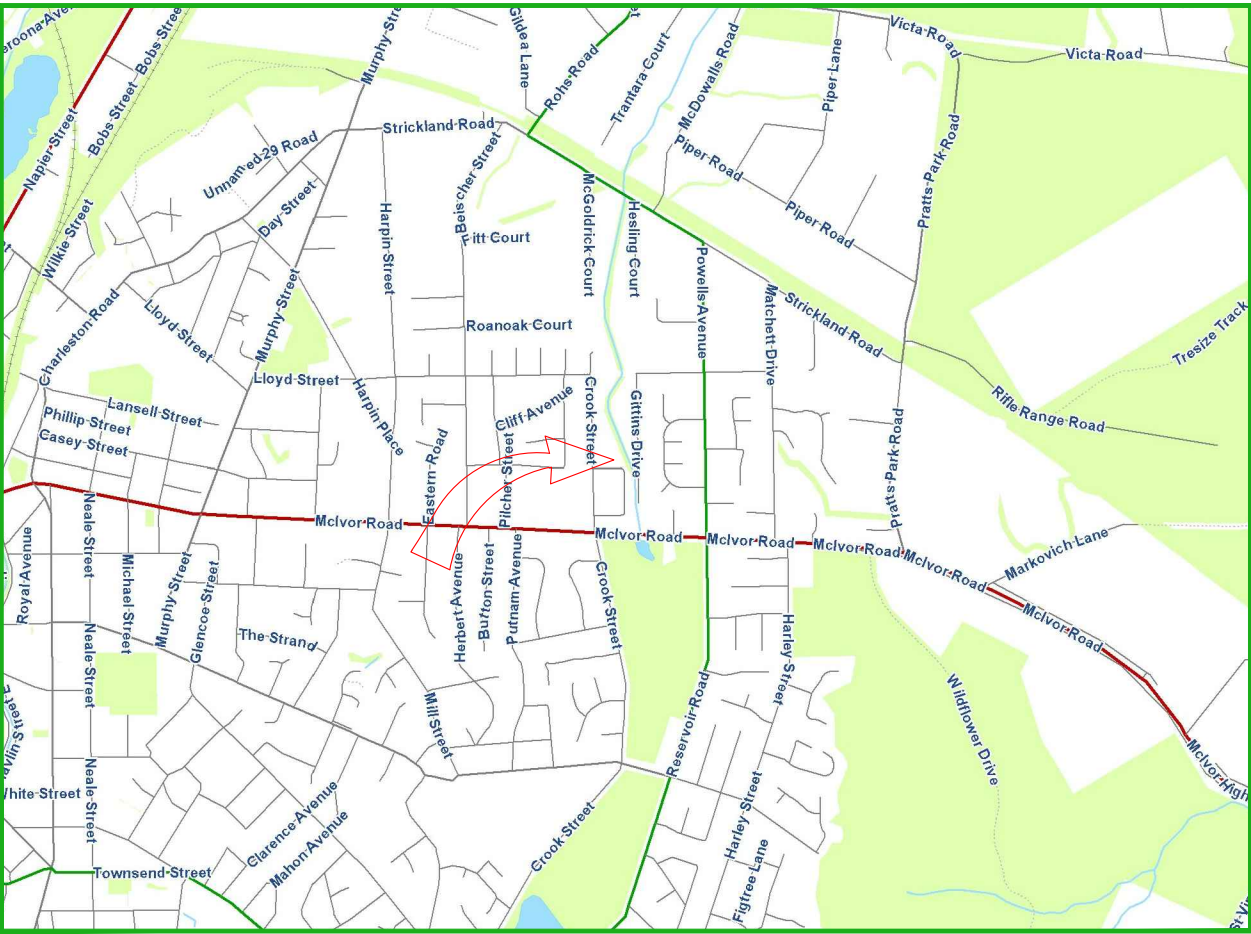
GB4456

CREEK RENEWAL

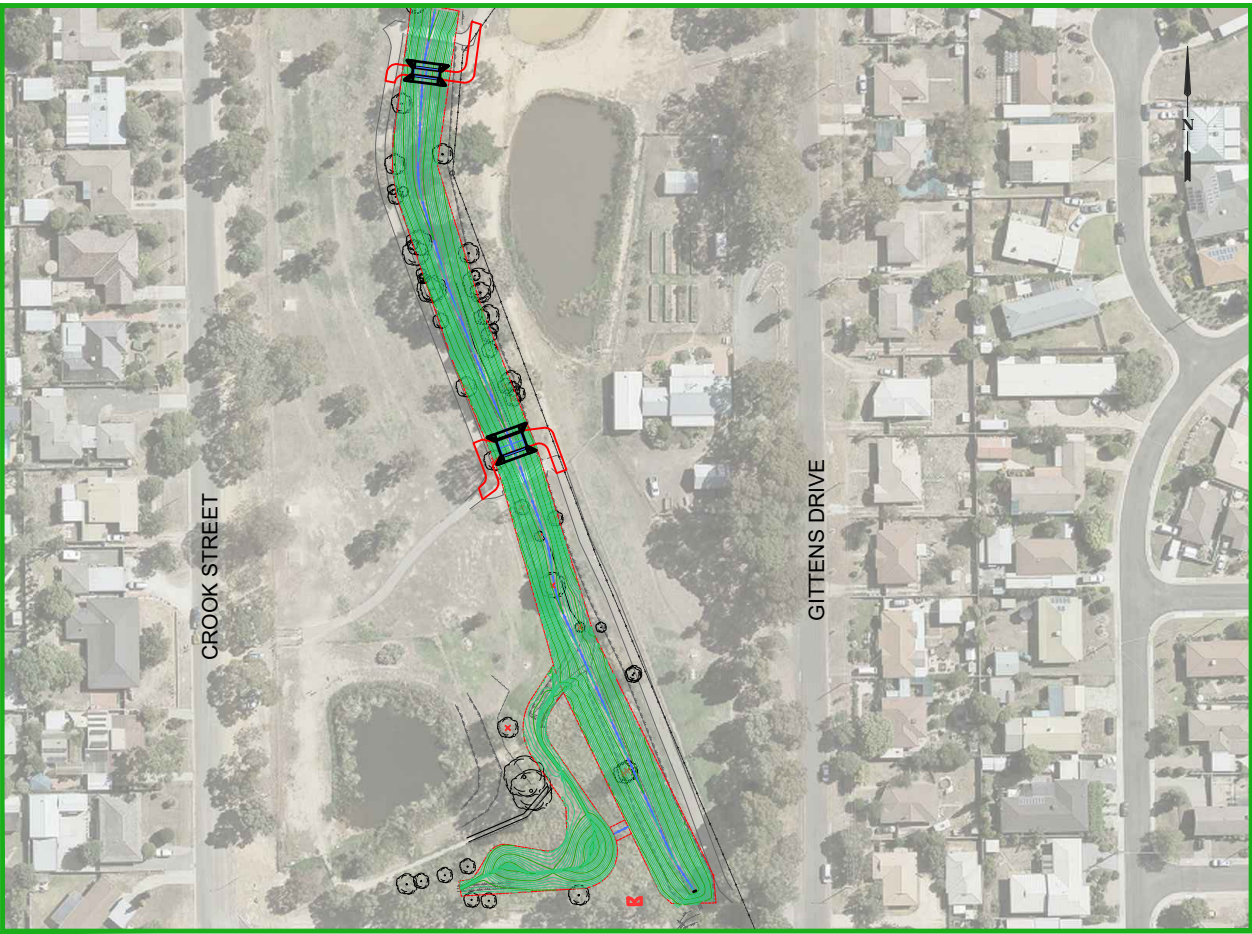
MAY 2022



DOCUMENT CONTROL				
SHEET No.	SHEET DESC.	06/05/22	31/05/22	04/09/23
		DRAFT	TENDER	CONSTRUCTION
		REVISION	REVISION	REVISION
1	COVER SHEET	A	A	A
2	GENERAL NOTES & REMOVAL PLAN	A	A	A
3	DETAIL PLAN & LONGITUDINAL SECTION	A	A	A
4	DETAIL PLAN & LONGITUDINAL SECTION	A	A	A
5	DETAIL PLAN & LONGITUDINAL SECTION	A	A	A
6	CROSS SECTIONS	A	A	A
7	CROSS SECTIONS	A	A	A
8	CULVERT SLAB PLAN 1	A	A	A
9	CULVERT SLAB PLAN 2	A	A	A
10	WSUD PLAN	A	A	A
11	WSUD LONGITUDINAL SECTION	A	A	A
12	WSUD CROSS SECTIONS	A	A	A
13	SETOUT			A
14	SETOUT			A



LOCALITY MAP



PROJECT EXTENTS

PROJECT PLANNING REQUIREMENTS				AMENDMENTS			
Item	Required	Comments	Contractor	Revision	Description	Approved by	Date
Vegetation	Yes	See PP conditions		-	-	-	-
RRV	No	-					
CMA	Yes	Permit No: NCCMA-W-2022-00359					
Planning Permit	Yes	Permit No: DV/282/2023					
Land Acquisition	No	-					
CHMP	No	Due diligence completed					
Other	No	-					

CITY OF GREATER BENDIGO

HARCOURT PARK
STRATHDALE
CREEK RENEWAL

COVER SHEET

Survey	H. WHYTOCK	APR '20
Design	M. JENNINGS	AUG '21
Checked	A. SMITH	30/01/23
Approved by	N. SARTORI	04/09/23
Scale: -	Revision: A	
Original sheet size: A3	File: GB4456.dwg	
Sheet: 1 OF 14	Reference: GB4456	

ISSUED FOR CONSTRUCTION

Plot Date: 4/09/2023
Plotted By: MEGAN JENNINGS

APPROVED FOR CONSTRUCTION BY:

Coord Civil Design :

Date: 4-9-23

VEGETATION PROTECTION NOTES

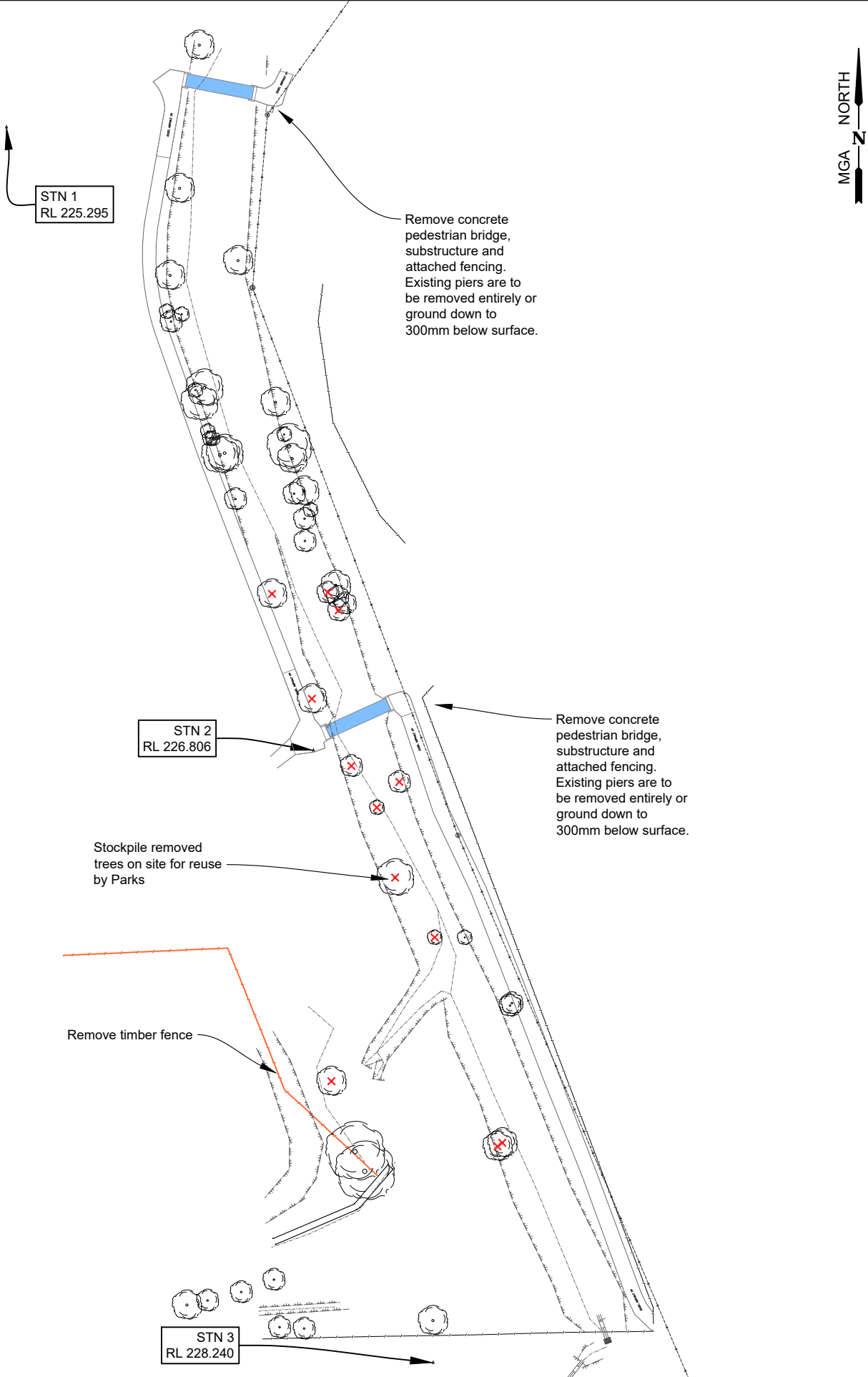
- 1. If fencing is required as a condition of the Planning Permit or as a result of the pre-construction meeting, a three strand star picket and wire fence shall be constructed.
- 2. All trees and shrubs are to be retained unless otherwise shown or directed by the Superintendent's Representative.
- 3. No tree or native vegetation is to be disturbed or removed without prior approval. Any approved trees or vegetation removed as part of the works are not to be burnt onsite.
- 4. If tree roots are discovered during excavation works, works in the immediate area shall cease until the Superintendent's Representative has inspected, and approved works to proceed.

TREE REMOVAL NOTES

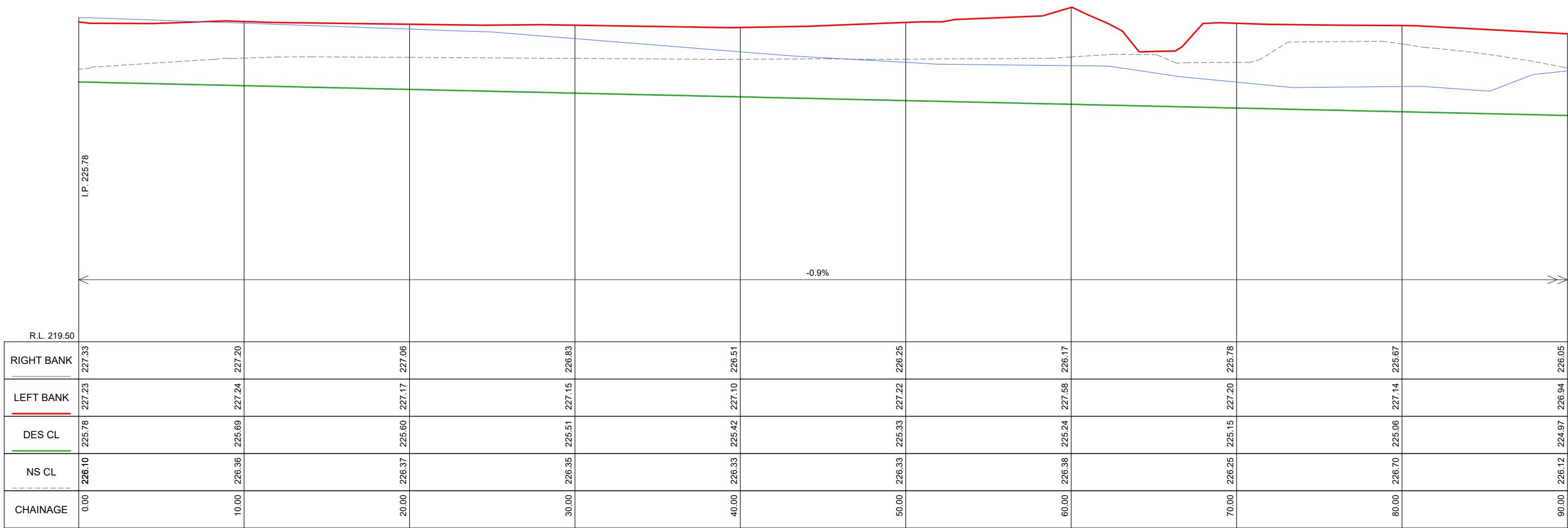
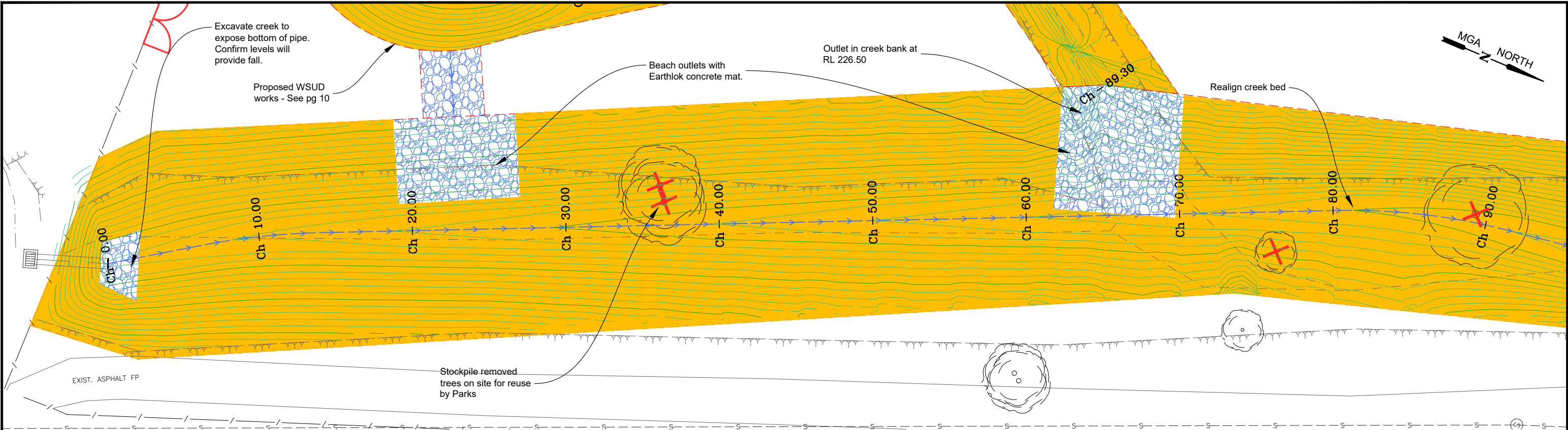
- 1. All trees, shrubs, stumps and roots within the batter limits of the project to be removed from site.
- 2. Contractor must abide by any conditions set in the planning permit for removal of vegetation.
- 3. Contractor must seek permission from the Superintendent's Representative to remove any trees not within batter extents that will potentially be disturbed with table drain earthworks.
- 4. Any approved trees or vegetation removed as part of the works are not to be burnt onsite.

GENERAL CONSTRUCTION NOTES

- 1. All fill materials are to be approved by the Superintendent's Representative prior to being imported onto the site, and unless noted otherwise, shall be a clean clay based material free of vegetation matter or contaminants.
- 2. All filling is to comply with AS3798-1996 Appendix B, level 1 (or 2) as specified
- 3. The Contractor is responsible for ensuring that all imported fill material, including topsoil, satisfies the description for clean fill material in EPA bulletin publication No. 448 (Sep 95) and subsequent revisions. The Contractor shall provide verification including test certificates to the Superintendent's Representative.
- 4. Banks to have suitable light vegetation reinstated.



LEGEND		AMENDMENTS		CITY OF GREATER BENDIGO  HARCOURT PARK STRATHDALE CREEK RENEWAL GENERAL NOTES & REMOVAL PLAN	Survey	H. WHYTOK	APR '20	ISSUED FOR CONSTRUCTION Plot Date: 4/09/2023 Plotted By: MEGAN JENNINGS		
 Removal: Bridge	 Removal: Fence	Revision	Description		Approved by	Date	Design		M. JENNINGS	AUG '21
 Removal: Tree		-	-		-	-	Checked		A. SMITH	30/01/23
							Approved by		N. SARTORI	04/09/23
							Scale: 1:1000		Revision: A	
							Original sheet size: A3		File: GB4456.dwg	
							Sheet: 2 OF 14		Reference: GB4456	



CREEK BED LONGITUDINAL SECTION CH 0.000 To 90.000
SCALES: H 1:250 V 1:100 (A3)

Concrete: Footpath
Plain, 125mm, SL72, 25Mpa,
As per IDM SD205, SD210,

Asphalt: Footpath
30mm Type N, 150mm CL3 FCR
As per IDM SD250

Landscape:
Creek bed treatment - per
Parks Instruction

Landscape:
Wetland planting - per
Parks Instruction

Beaching: 300mm depth,
1:1 mix of 300 and 150mm
sandstone rock spall

Landscape:
Topsoil and instant turf

AMENDMENTS			
Revision	Description	Approved by	Date
-	-	-	-



CITY OF GREATER BENDIGO

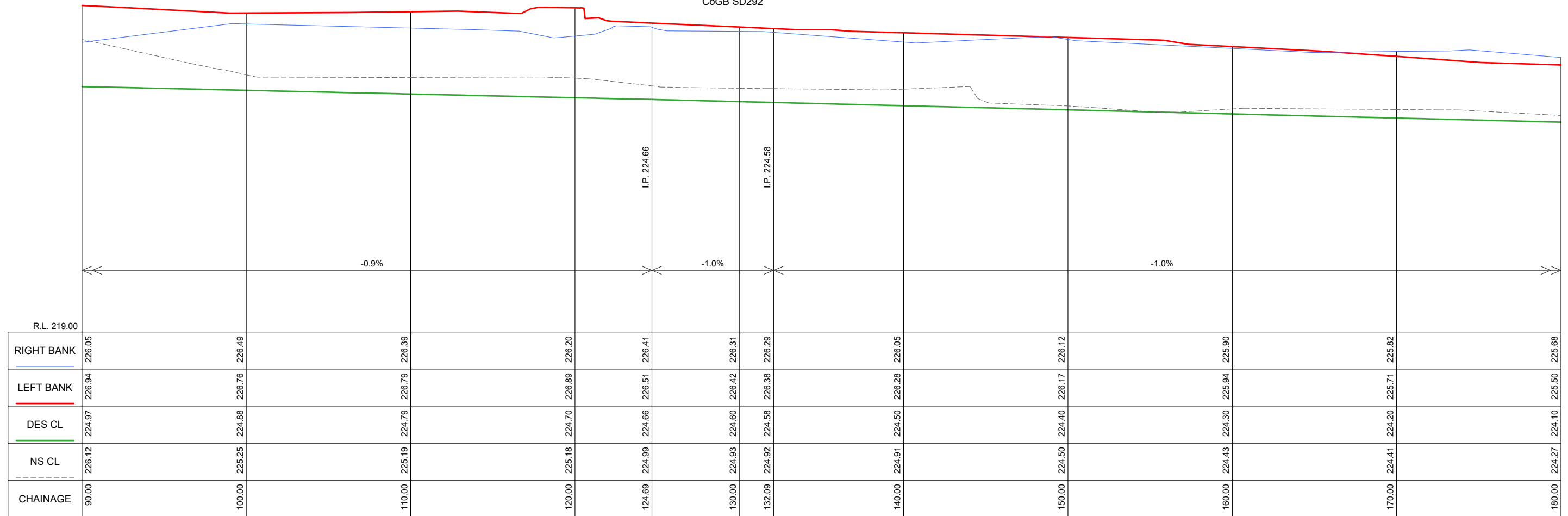
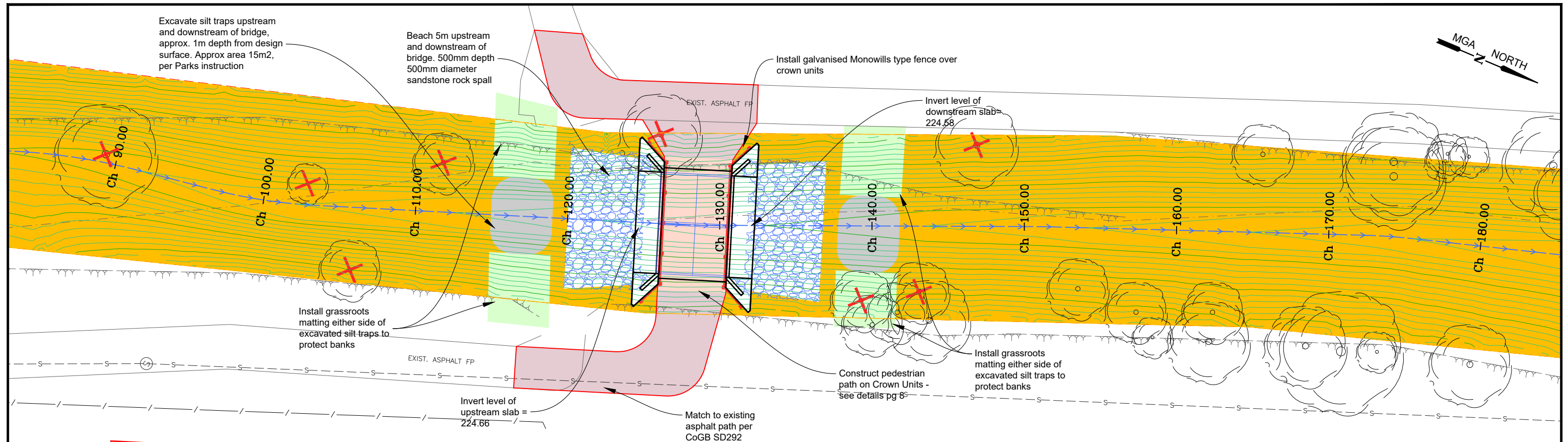
HARCOURT PARK
STRATHDALE
CREEK RENEWAL

DETAIL PLAN & LONGITUDINAL SECTION

Survey	H. WHYTOK	APR '20
Design	M. JENNINGS	AUG '21
Checked	A. SMITH	30/01/23
Approved by	N. SARTORI	04/09/23
Scale: 1:250	Revision: A	
Original sheet size: A3	File: GB4456.dwg	
Sheet: 3 OF 14	Reference: GB4456	

ISSUED FOR
CONSTRUCTION

Plot Date: 4/09/2023
Plotted By: MEGAN JENNINGS



CREEK BED LONGITUDINAL SECTION CH 90.000 To 180.000
SCALES: H 1:250 V 1:100 (A3)

LEGEND

Concrete: Footpath
Plain, 125mm, SL72, 25Mpa,
As per IDM SD205, SD210,

Asphalt: Footpath
30mm Type N, 150mm CL3 FCR
As per IDM SD250

Landscape:
Creek bed treatment - per
Parks Instruction

Landscape:
Wetland planting - per
Parks Instruction

Beaching: 300mm depth,
1:1 mix of 300 and 150mm
sandstone rock spall

Landscape:
Topsoil and instant turf

AMENDMENTS			
Revision	Description	Approved by	Date
-	-	-	-



CITY OF GREATER BENDIGO

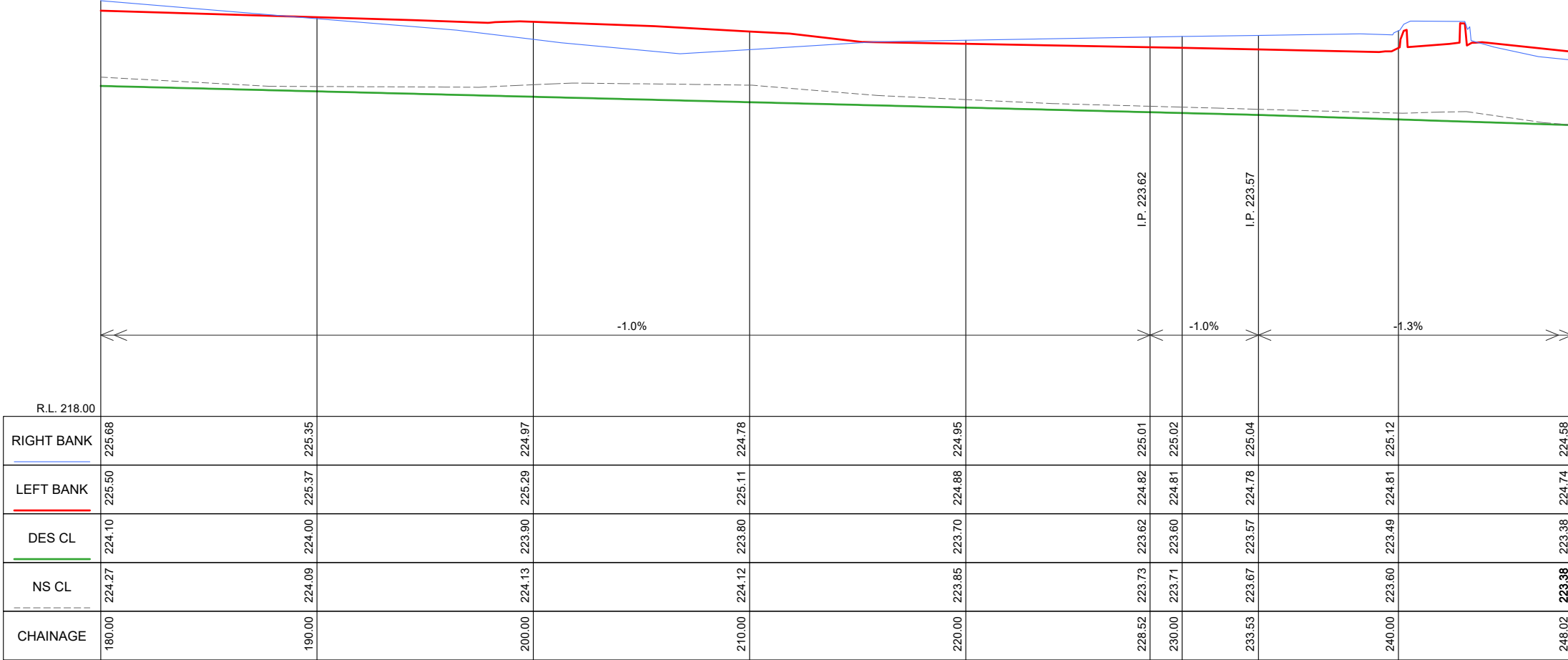
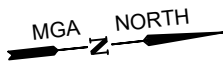
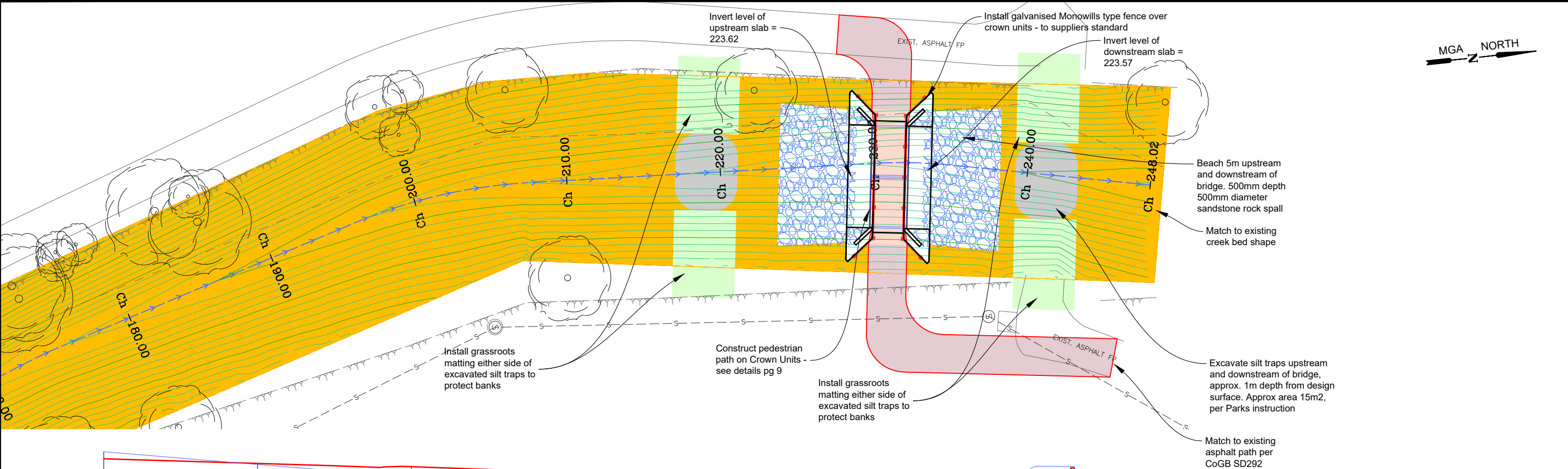
HARCOURT PARK
STRATHDALE
CREEK RENEWAL

DETAIL PLAN & LONGITUDINAL SECTION

Survey	H. WHYTECK	APR '20
Design	M. JENNINGS	AUG '21
Checked	A. SMITH	30/01/23
Approved by	N. SARTORI	04/09/23
Scale: 1:250	Revision: A	
Original sheet size: A3	File: GB4456.dwg	
Sheet: 4 OF 14	Reference: GB4456	

ISSUED FOR
CONSTRUCTION

Plot Date: 4/09/2023
Plotted By: MEGAN JENNINGS



CREEK BED LONGITUDINAL SECTION CH 180.000 To 248.023
SCALES: H 1:250 V 1:100 (A3)

LEGEND

Concrete: Footpath
Plain, 125mm, SL72, 25Mpa,
As per IDM SD205, SD210,

Asphalt: Footpath
30mm Type N, 150mm CL3 FCR
As per IDM SD250

Landscape:
Creek bed treatment - per
Parks Instruction

Landscape:
Wetland planting - per
Parks Instruction

Beaching: 300mm depth,
1:1 mix of 300 and 150mm
sandstone rock spall

Landscape:
Topsoil and instant turf

AMENDMENTS

Revision	Description	Approved by	Date
-	-	-	-

CITY OF GREATER BENDIGO

**HARCOURT PARK
STRATHDALE
CREEK RENEWAL**

DETAIL PLAN & LONGITUDINAL SECTION

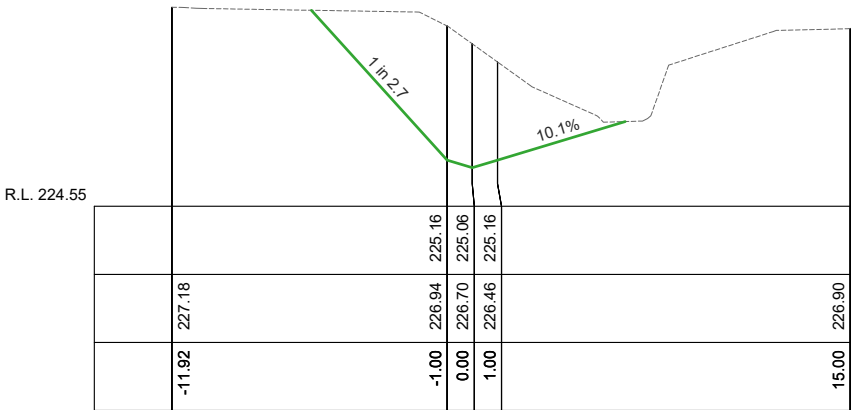
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Design	M. JENNINGS	AUG '21
Checked	A. SMITH	30/01/23
Approved by	N. SARTORI	04/09/23
Scale: 1:250	Revision: A	
Original sheet size: A3	File: GB4456.dwg	
Sheet: 5 OF 14	Reference: GB4456	

**ISSUED FOR
CONSTRUCTION**

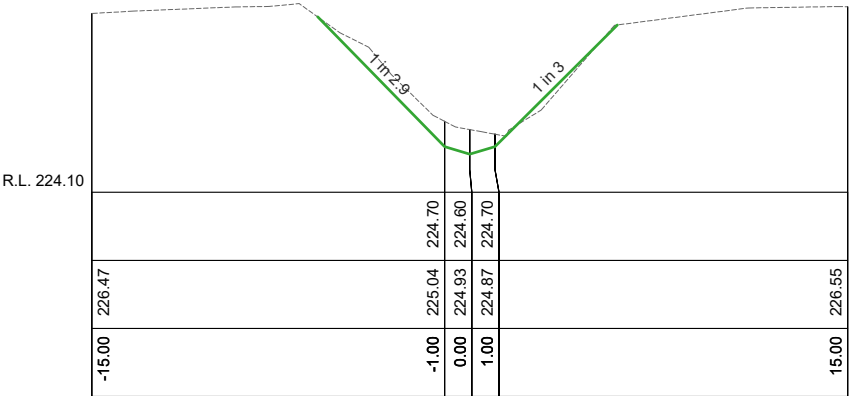
Plot Date: 4/09/2023
Plotted By: MEGAN JENNINGS



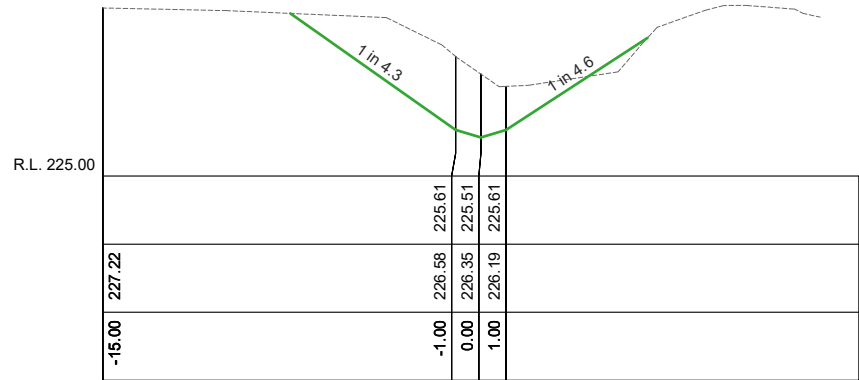
Ch 40.00



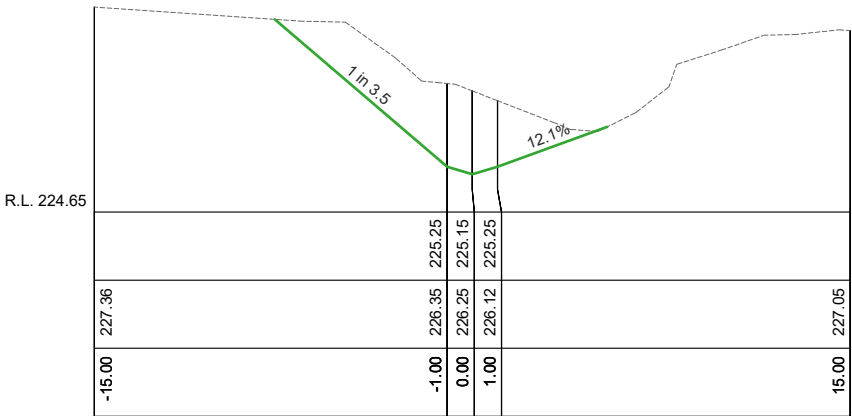
Ch 80.00



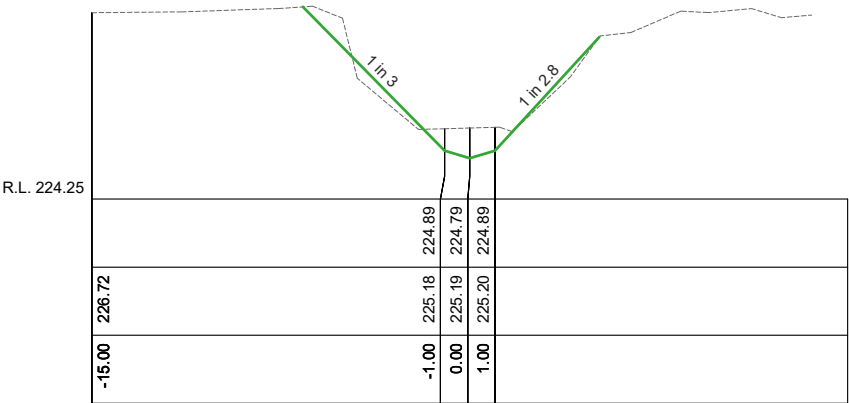
Ch 130.00



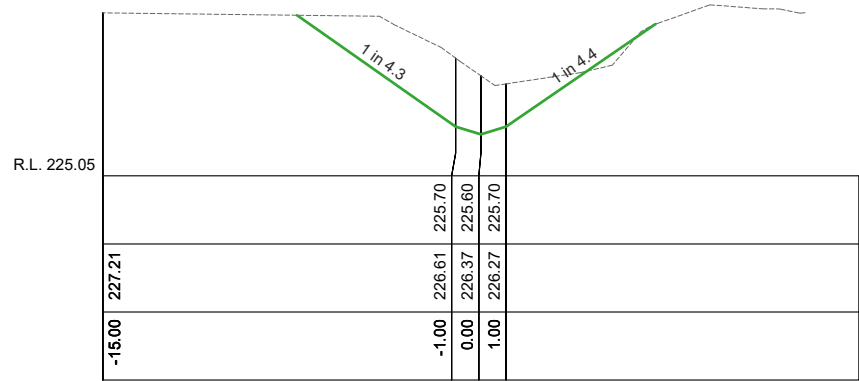
Ch 30.00



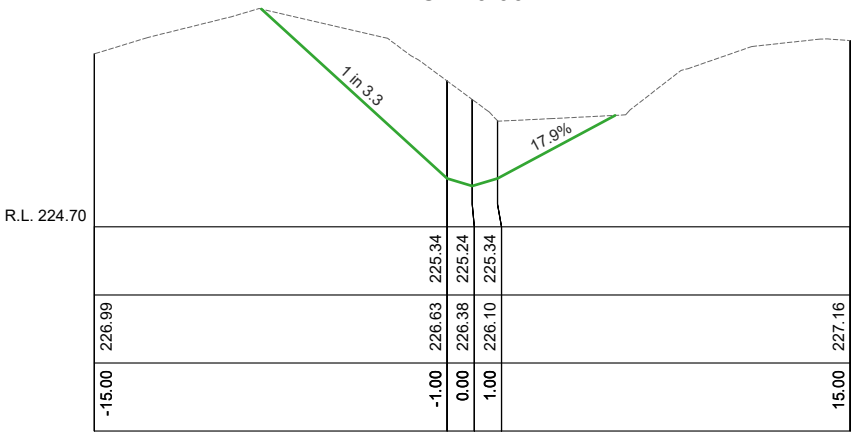
Ch 70.00



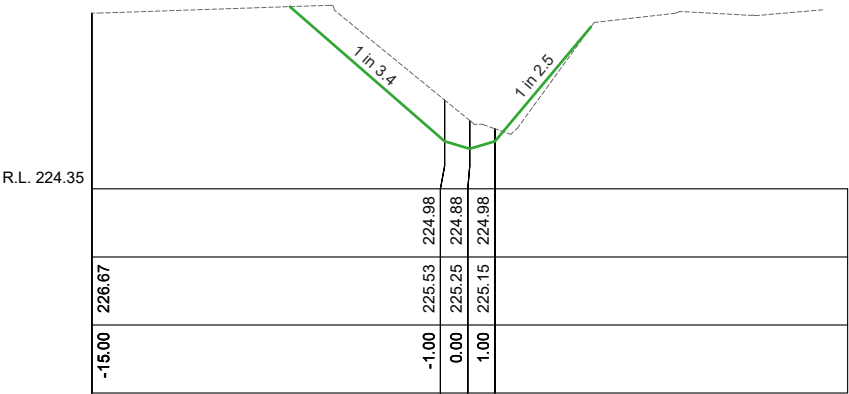
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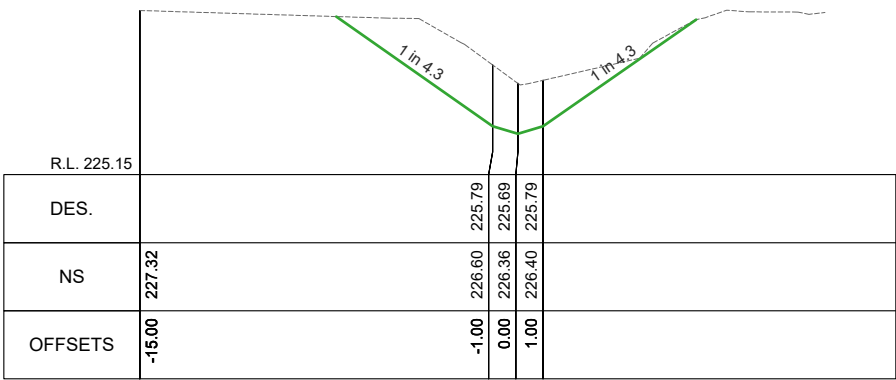
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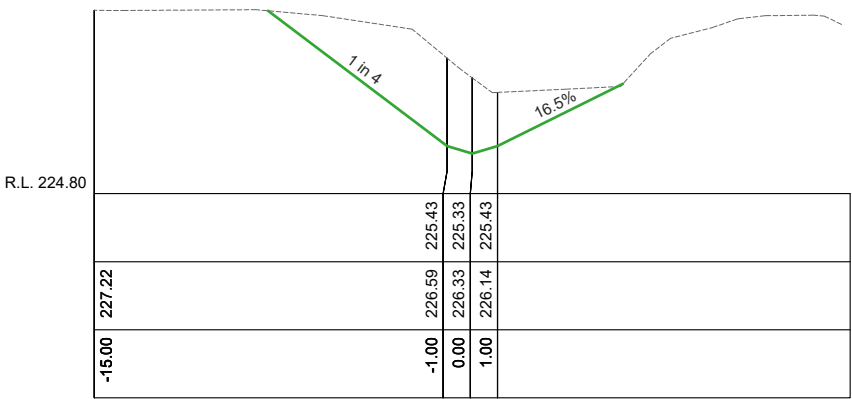
Ch 60.00



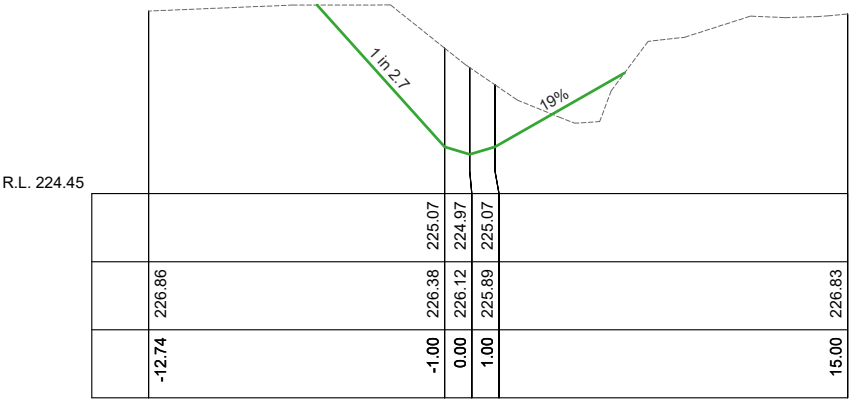
Ch 100.00



Ch 10.00



Ch 50.00



Ch 90.00

CREEK BED CROSS SECTIONS
SCALES: H 1:300 V 1:100 (A3)

AMENDMENTS			
Revision	Description	Approved by	Date
-	-	-	-

CITY OF GREATER BENDIGO



HARCOURT PARK
STRATHDALE
CREEK RENEWAL

DETAIL PLAN & LONGITUDINAL SECTION

Survey	H. WHYTOK	APR '20
Design	M. JENNINGS	AUG '21
Checked	A. SMITH	30/01/23
Approved by	N. SARTORI	04/09/23
Scale: -	Revision : A	
Original sheet size: A3	File : GB4456.dwg	
Sheet: 6 OF 14	Reference: GB4456	

ISSUED FOR
CONSTRUCTION

Plot Date: 4/09/2023
Plotted By: MEGAN JENNINGS



Ch 170.00



Ch 210.00



Ch 160.00



Ch 200.00



Ch 248.01



Ch 150.00



Ch 190.00



Ch 230.00



Ch 140.00



Ch 180.00



Ch 220.00

CREEK BED CROSS SECTIONS
 SCALES: H 1:300 V 1:100 (A3)

AMENDMENTS					
Revision	Description		Approved by	Date	
-	-		-	-	-



CITY OF GREATER BENDIGO

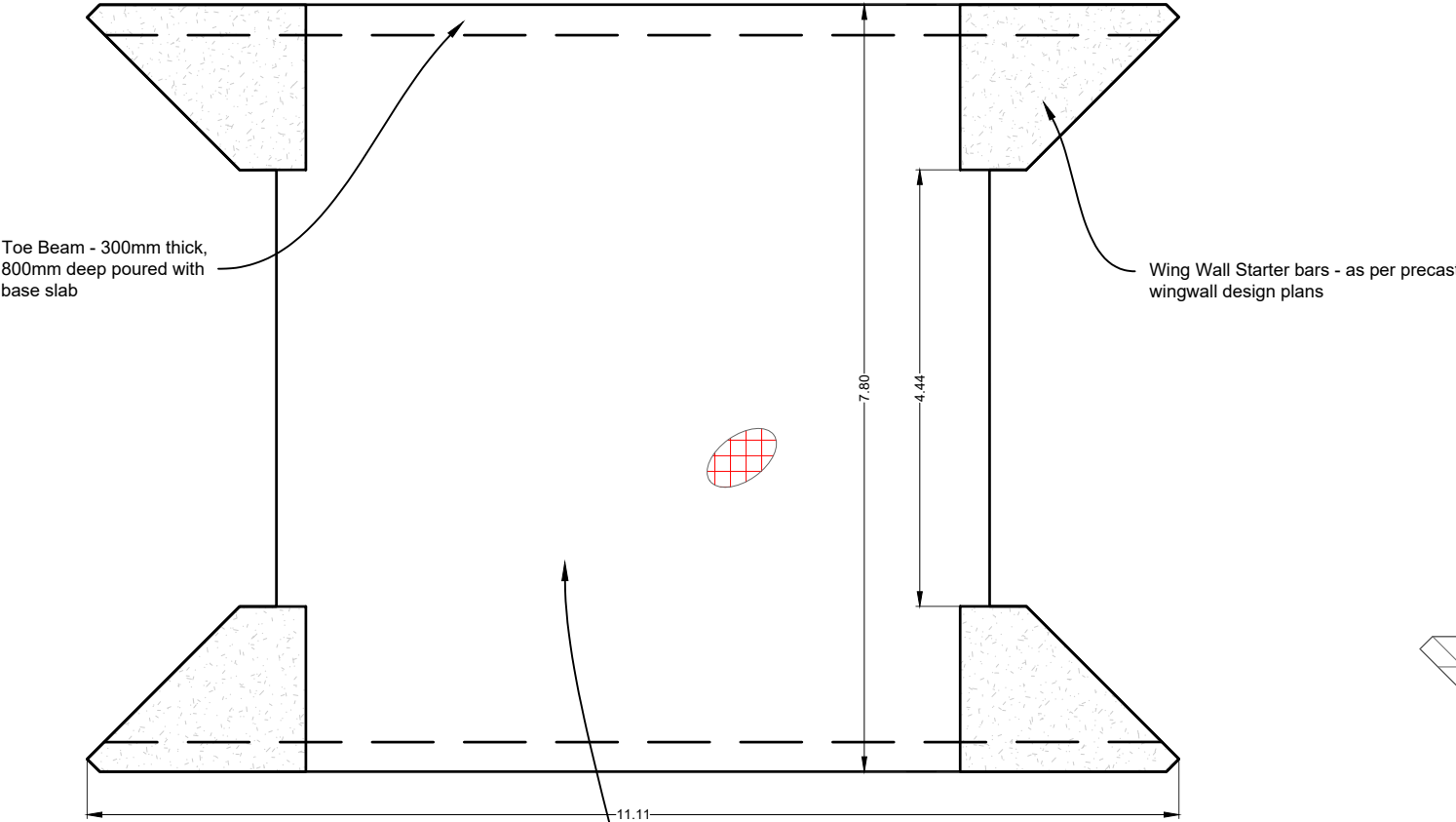
HARCOURT PARK
STRATHDALE
CREEK RENEWAL

CROSS SECTIONS

Survey	H. WHYTOCK	APR '21
Design	M. JENNINGS	AUG '21
Checked	A. SMITH	30/01/22
Approved by	N. SARTORI	04/09/2022
Scale: -		Revision : A
Original sheet size: A3		File : GB4456.dwg
Sheet:	Reference:	
7 OF 14	GB4456	

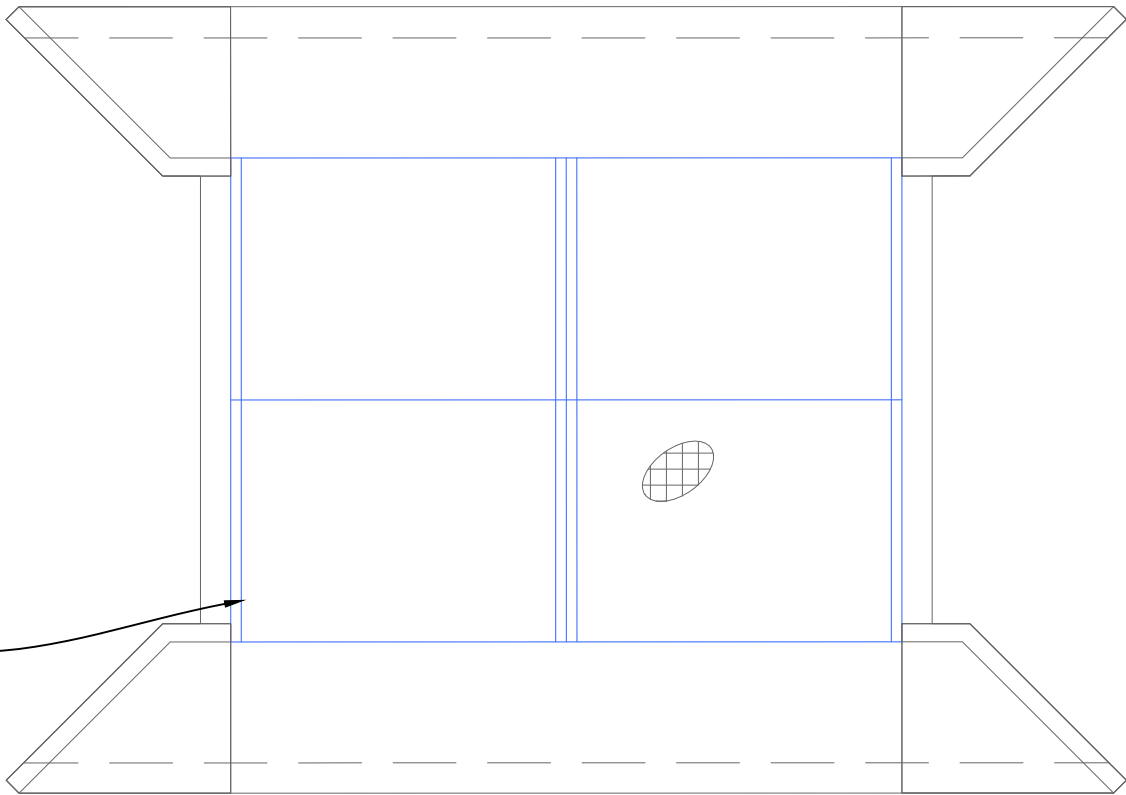
**ISSUED FOR
CONSTRUCTION**

Plot Date:	4/09/2023
Plotted By:	MEGAN JENNINGS



Base Slab - 200mm thick 32MPa concrete slab, SL82 placed top and bottom (50mm cover) on 75mm thick blinding concrete slab

Install 4x 3000x2100 CBC units on slab as shown



AMENDMENTS			
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-	-	-	-



CITY OF GREATER BENDIGO

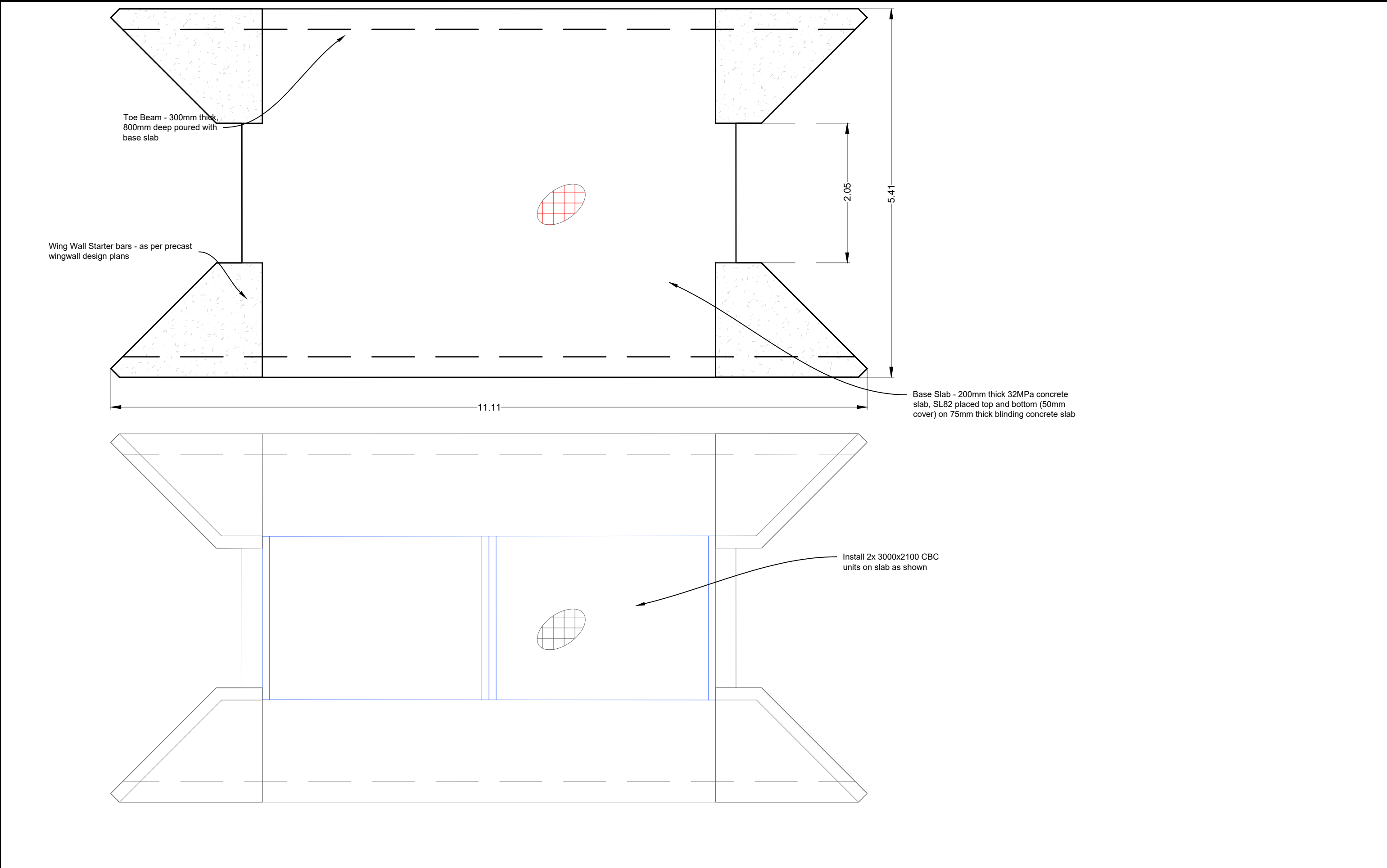
HARCOURT PARK
STRATHDALE
CREEK RENEWAL

CULVERT SLAB PLAN 1

Survey	H. WHYTOK	APR '20
Design	M. JENNINGS	AUG '21
Checked	A. SMITH	30/01/23
Approved by	N. SARTORI	04/09/23
Scale: -	Revision : A	
Original sheet size: A3	File : GB4456.dwg	
Sheet: 8 OF 14	Reference: GB4456	

ISSUED FOR
CONSTRUCTION

Plot Date: 4/09/2023
Plotted By: MEGAN JENNINGS



AMENDMENTS			
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-	-	-	-



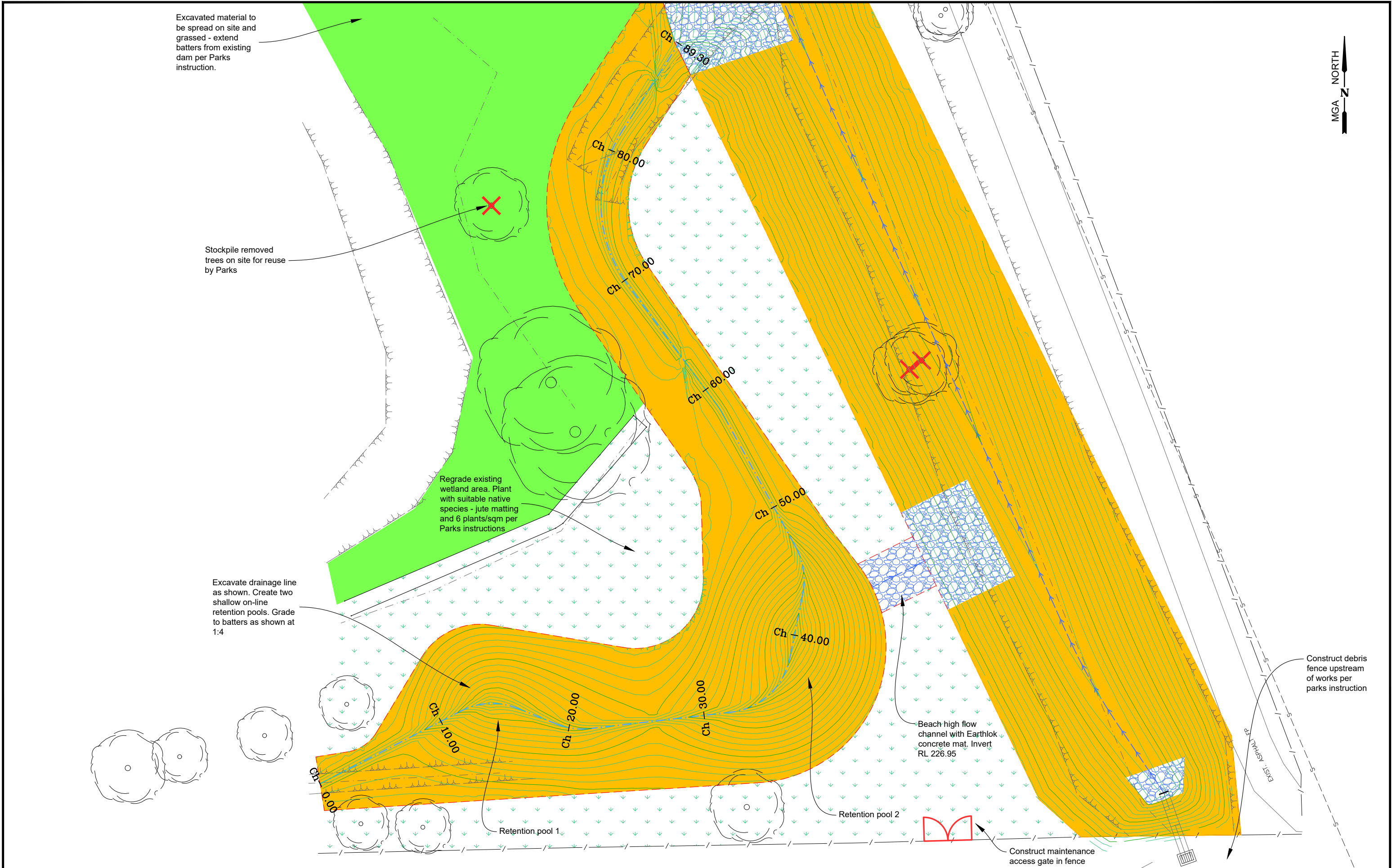
CITY OF GREATER BENDIGO

HARCOURT PARK
STRATHDALE
CREEK RENEWAL

CULVERT SLAB PLAN 2

Survey	H. WHYTOCK	APR '20
Design	M. JENNINGS	AUG '21
Checked	A. SMITH	30/01/23
Approved by	N. SARTORI	04/09/23
Scale: -	Revision : A	
Original sheet size: A3	File : GB4456.dwg	
Sheet: 9 OF 14	Reference: GB4456	

ISSUED FOR
CONSTRUCTION



LEGEND	
	Concrete: Footpath Plain, 125mm, SL72, 25Mpa, As per IDM SD205, SD210,
	Asphalt: Footpath 30mm Type N, 150mm CL3 FCR As per IDM SD250
	Landscape: Creek bed treatment - per Parks Instruction
	Landscape: Wetland planting - per Parks Instruction
	Beaching: 300mm depth, 1:1 mix of 300 and 150mm sandstone rock spall
	Landscape: Topsoil and instant turf

AMENDMENTS			
Revision	Description	Approved by	Date

CITY OF GREATER BENDIGO

HARCOURT PARK STRATHDALE CREEK RENEWAL

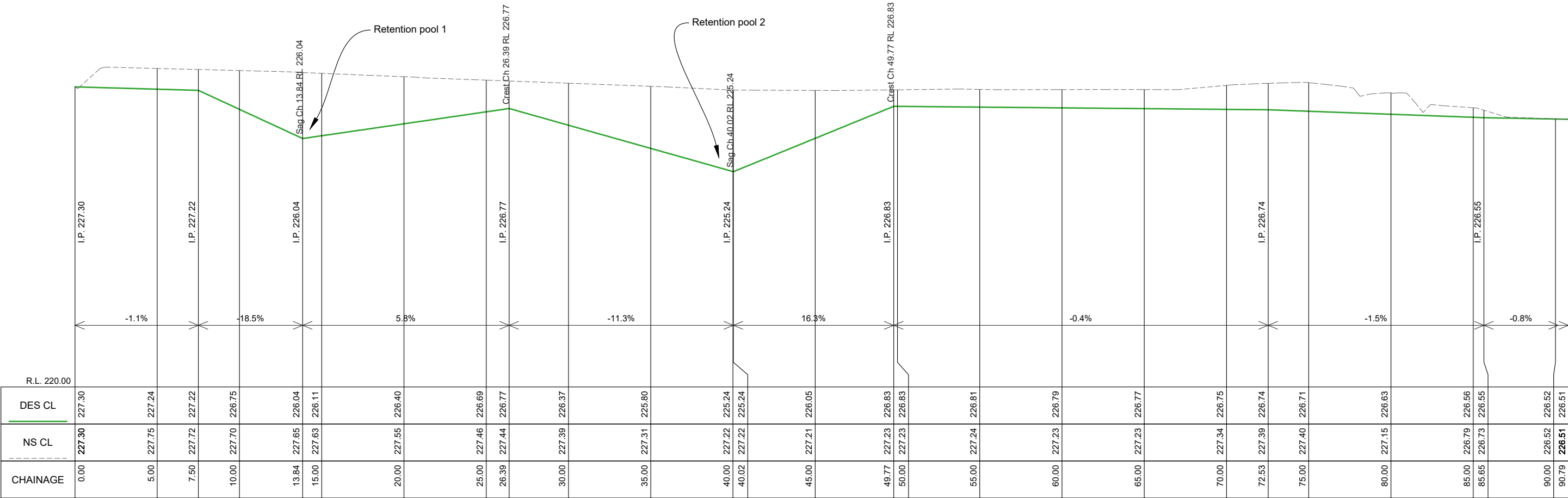
WSUD PLAN

Survey	H. WHYTOK	APR '20
Design	M. JENNINGS	AUG '21
Checked	A. SMITH	30/01/23
Approved by	N. SARTORI	04/09/23
Scale: 1:250	Revision: A	
Original sheet size: A3	File: GB4456.dwg	
Sheet: 10 OF 14	Reference: GB4456	

ISSUED FOR CONSTRUCTION

Plot Date: 4/09/2023

Plotted By: MEGAN JENNINGS



WSUD LONGITUDINAL SECTION CH 0.000 To 90.788
SCALES: H 1:250 V 1:100 (A3)

AMENDMENTS			
Revision	Description	Approved by	Date
-	-	-	-



CITY OF GREATER BENDIGO

HARCOURT PARK
STRATHDALE
CREEK RENEWAL

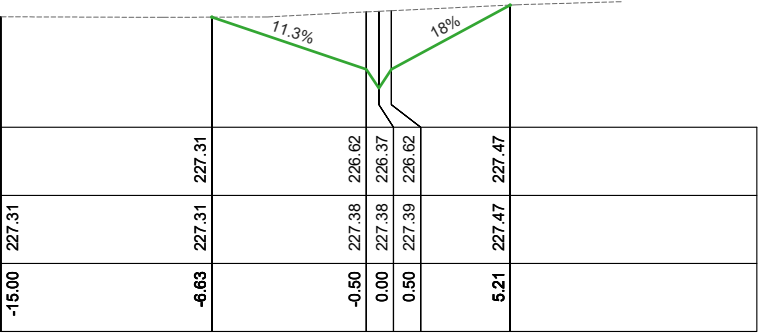
WSUD LONGITUDINAL SECTION

Survey	H. WHYTOK	APR '20
Design	M. JENNINGS	AUG '21
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ISSUED FOR
CONSTRUCTION

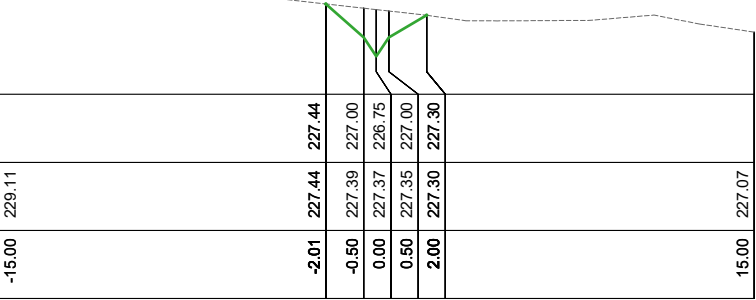
Plot Date: 4/09/2023
Plotted By: MEGAN JENNINGS

R.L. 225.85



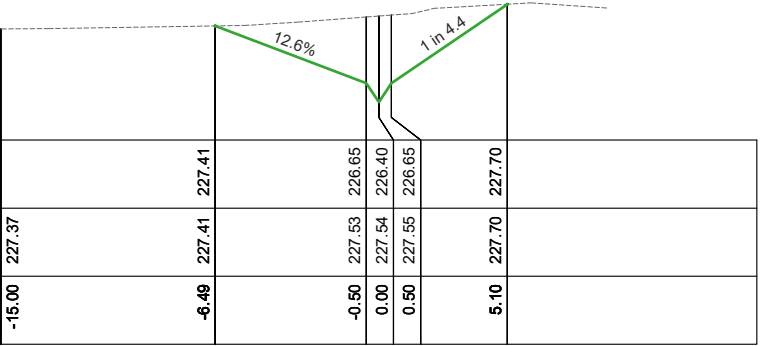
Ch 30.00

R.L. 226.25



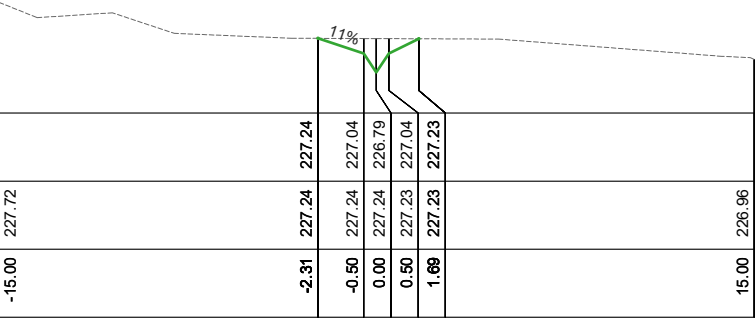
Ch 70.00

R.L. 225.90



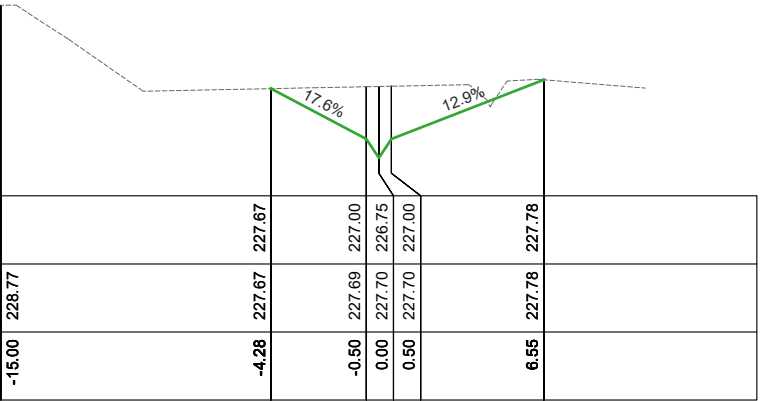
Ch 20.00

R.L. 226.25



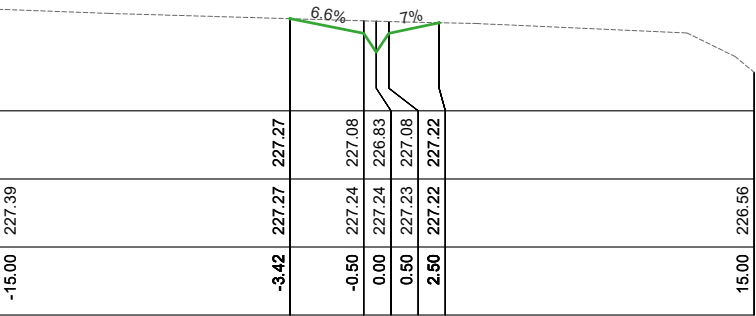
Ch 60.00

R.L. 226.25



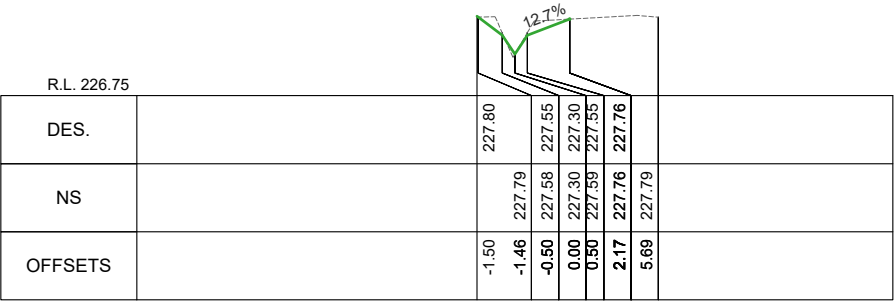
Ch 10.00

R.L. 226.05



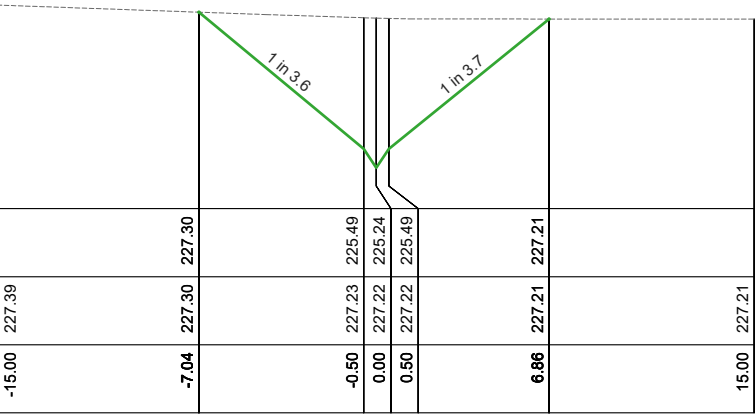
Ch 50.00

R.L. 226.75



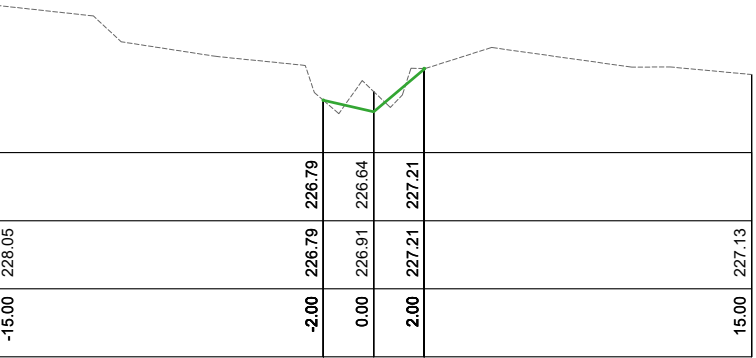
Ch 0.00

R.L. 224.70



Ch 40.00

R.L. 226.10



Ch 80.00

WSUD CROSS SECTIONS
SCALES: H 1:300 V 1:100 (A3)

AMENDMENTS			
Revision	Description	Approved by	Date
-	-	-	-



CITY OF GREATER BENDIGO

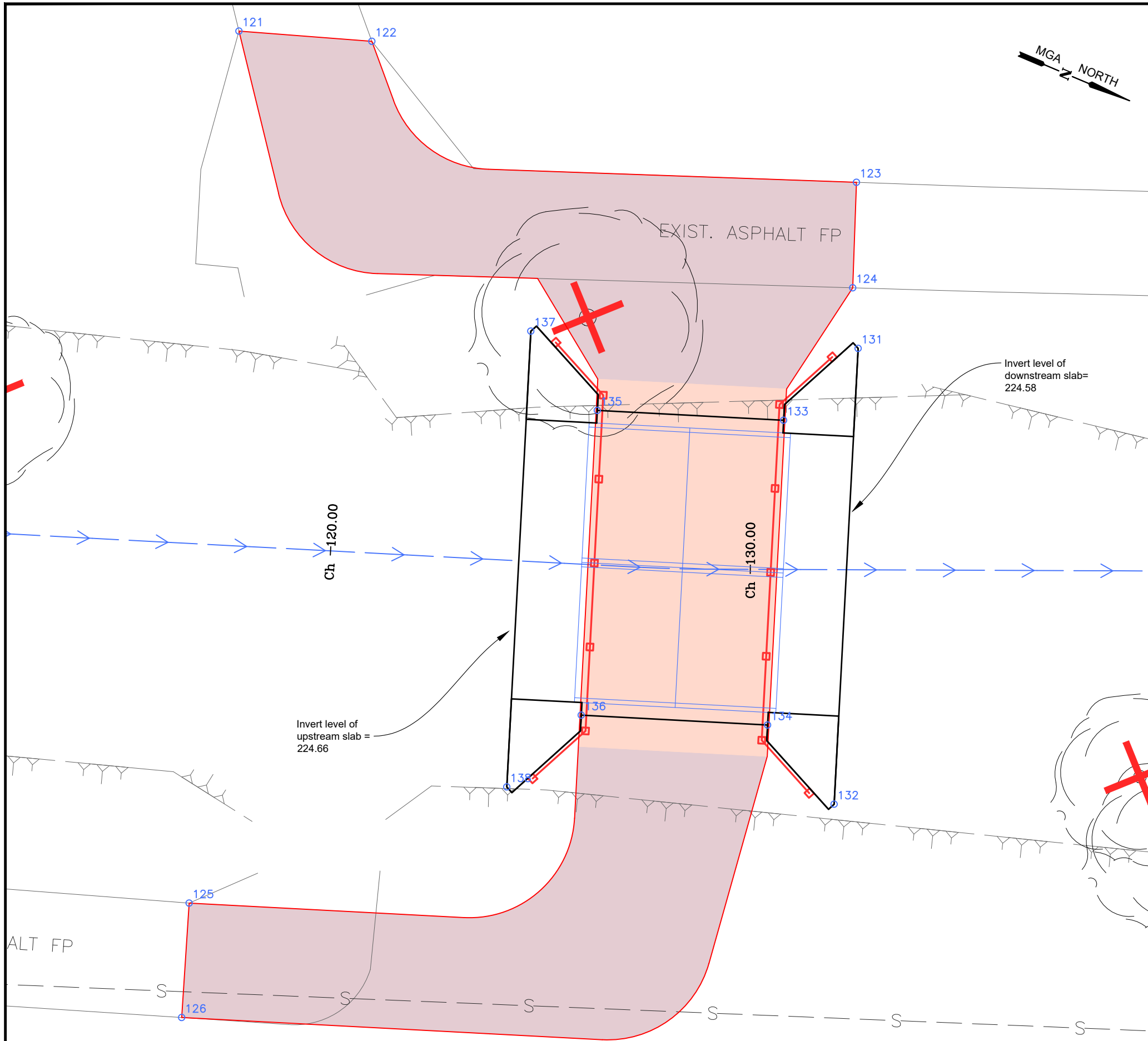
HARCOURT PARK
STRATHDALE
CREEK RENEWAL

WSUD CROSS SECTION

Survey	H. WHYTECK	APR '20
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Scale: -	Revision : A	
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Sheet: 12 OF 14	Reference: GB4456	

ISSUED FOR
CONSTRUCTION

Plot Date: 4/09/2023
Plotted By: MEGAN JENNINGS



SETOUT			
Point #	Easting	Northing	Level
121	260223.420	5928794.578	226.742
122	260222.414	5928797.587	226.699
123	260221.018	5928809.515	226.505
124	260223.365	5928810.409	226.537
125	260242.994	5928801.560	226.762
126	260245.572	5928802.455	226.846

SETOUT			
Point #	Easting	Northing	Level
131	260224.643	5928811.089	0.000
132	260234.856	5928814.783	0.000
133	260226.908	5928810.122	0.000
134	260233.736	5928812.591	0.000
135	260228.417	5928805.948	0.000
136	260235.245	5928808.415	0.000
137	260227.296	5928803.755	0.000
138	260237.509	5928807.447	0.000

STATION DATA				
Point #	Description	Easting	Northing	Level
901	STN 1	260169.954	5928910.553	225.295
902	STN 2	260226.761	5928795.352	226.806
903	STN 3	260248.902	5928682.139	228.240

AMENDMENTS			
Revision	Description	Approved by	Date
-	-	-	-

CITY OF GREATER BENDIGO



HARCOURT PARK
STRATHDALE
CREEK RENEWAL

SETOUT

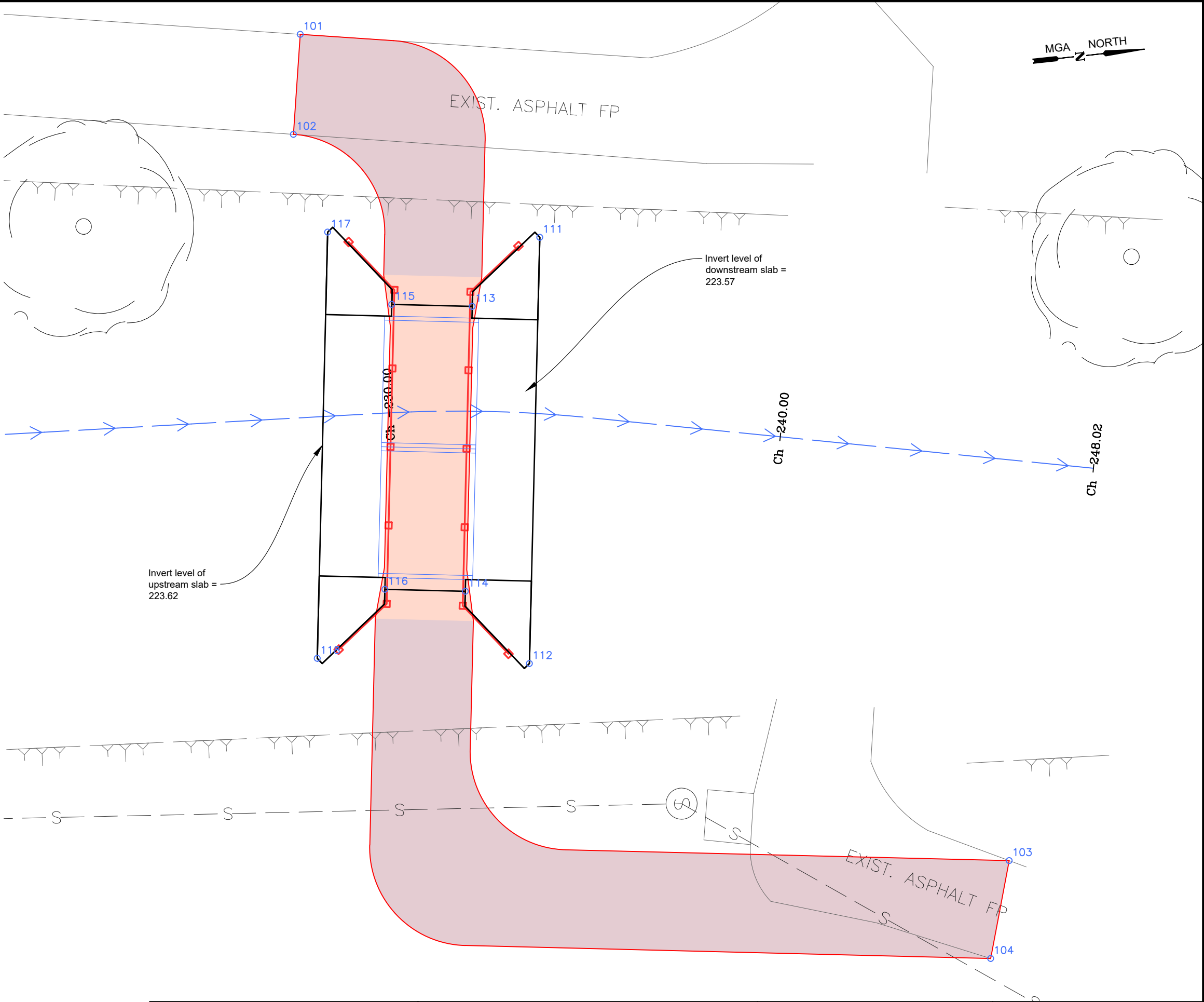
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ISSUED FOR
CONSTRUCTION

Plot Date: 4/09/2023
Plotted By: MEGAN JENNINGS

SETOUT			
Point #	Easting	Northing	Level
101	260197.700	5928905.266	225.162
102	260200.215	5928904.820	225.100
103	260220.569	5928920.972	225.227
104	260222.997	5928920.234	225.186

SETOUT			
Point #	Easting	Northing	Level
111	260203.498	5928910.783	0.000
112	260214.263	5928909.353	0.000
113	260205.061	5928908.880	0.000
114	260212.257	5928907.924	0.000
115	260204.791	5928906.847	0.000
116	260211.988	5928905.894	0.000
117	260202.784	5928905.420	0.000
118	260213.550	5928903.989	0.000



AMENDMENTS			
Revision	Description	Approved by	Date
-	-	-	-



CITY OF GREATER BENDIGO

HARCOURT PARK
STRATHDALE
CREEK RENEWAL

SETOUT

Survey	H. WHYTOCK	APR '20
Design	M. JENNINGS	AUG '21
Checked	A. SMITH	30/01/23
Approved by	N. SARTORI	04/09/23
Scale: -	Revision : A	
Original sheet size: A3	File : GB4456.dwg	
Sheet: 14 OF 14	Reference: GB4456	

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