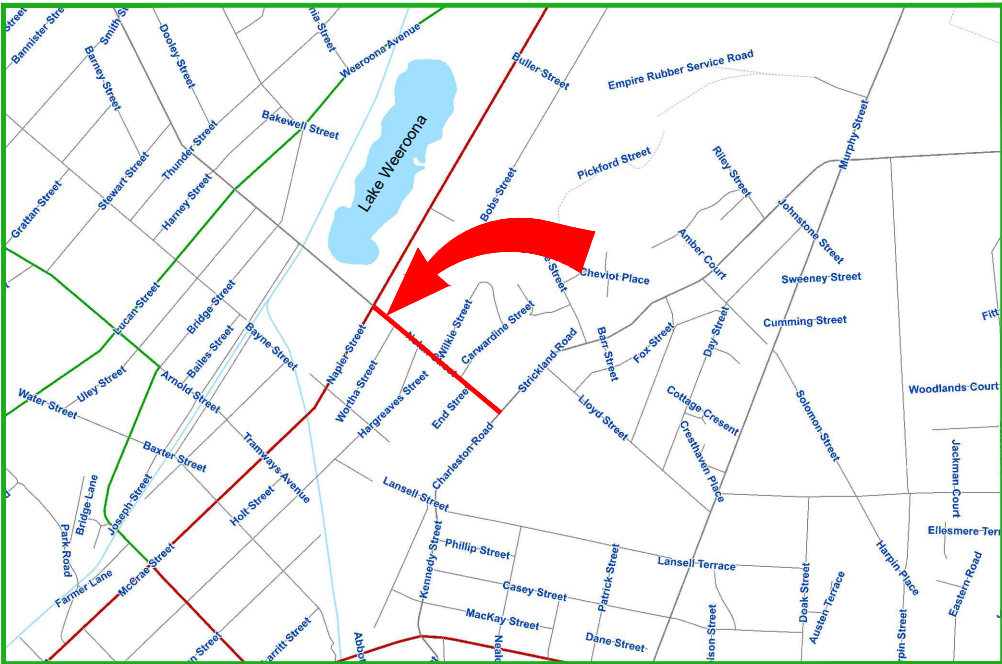


NOLAN STREET, BENDIGO

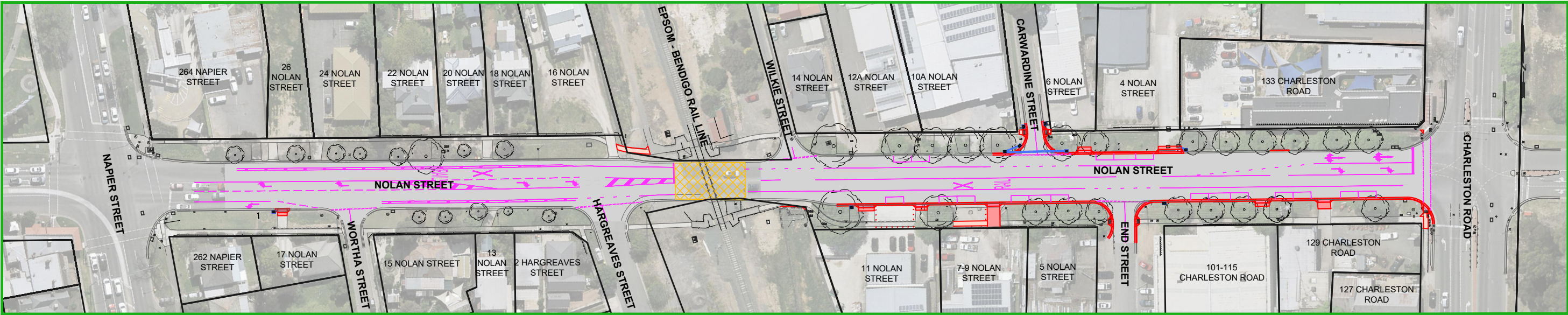
ROAD RECONSTRUCTION

JULY 2023



LOCALITY MAP

DOCUMENT CONTROL				
SHEET No.	SHEET DESC.	05/07/23	xx/xx/xx	xx/xx/xx
		DRAFT	TENDER	CONSTRUCTION
		REVISION	REVISION	REVISION
1	COVER SHEET	-		
2	GENERAL NOTES	-		
3	OVERALL LAYOUT & CONTROL	-		
4	DEMOLITION PLAN	-		
5	DEMOLITION PLAN	-		
6	DETAIL LAYOUT	-		
7	DETAIL LAYOUT	-		
8	DETAIL LAYOUT	-		
9	DETAIL LAYOUT	-		
10	DETAIL LAYOUT	-		
11	LINEMARKING & SIGNAGE	-		
12	LINEMARKING & SIGNAGE	-		
13	KERB LONG SECTIONS	-		
14	KERB LONG SECTIONS	-		
15	CROSS SECTIONS	-		
16	CROSS SECTIONS	-		
17	CROSS SECTIONS	-		
18	DRAINAGE DETAILS	-		



PROJECT EXTENTS

APPROVAL TO CONSTRUCT STAMP		PROJECT PLANNING REQUIREMENTS				PROJECT DESIGN STATUS			PROJECT DETAILS		SHEET DETAILS				
DO NOT CONSTRUCT WITHOUT STAMP	Item	Required	Approved	Comments		Surveyor:	H. WHYTOCK	20/12/22	Location: NOLAN STREET	Suburb: BENDIGO	Works: ROAD RECONSTRUCTION	GB No: GB5085	COVER SHEET	Sheet number: 1 of 18	
	Vegetation	No	No	-		Designer:	B. JANSSEN	05/07/23						Plan Scale: 1:1250 A3	
	DTP - Vicroads	Yes	No	-		Draft Checked:	A. SMITH	xx/xx/23						Plotted: 01/08/2023 By: Bayley Janssen	
	CMA	No	No	-		Tender Approved:	N. SARTORI	xx/xx/23							
	Planning Permit	No	No	-		PRELIMINARY DESIGN DRAFT 3			SHEET REVISIONS AFTER TENDER						
	Land Acquisition	No	No	-					Revision	Description	Approved by		Date		
	CHMP	No	No	-					-	-	-		-		
	Victrack	Yes	No	-					-	-	-		-		

CONSTRUCTION SPECIFICATIONS

All construction undertaken by, or on behalf of, The City of Greater Bendigo (CoGB) shall be undertaken in accordance with all DTP/Vicroads 200-700 series of Standard Specifications.

Compliance with the specifications to the satisfaction of the project Superintendent is required before a project can meet Practical Completion.

Sections of the DTP/Vicroads 200-700 series of standard specifications which are of particular relevance for this project include:

FORMATION

204 Earthworks

FLEXIBLE PAVEMENTS

304 Unbound Flexible Pavement Construction

306 Cementitious Treated Pavement Subbase

ASPHALT AND SURFACE TREATMENTS

407 Dense Graded Asphalt

INCIDENTAL CONSTRUCTION

701 Underground Stormwater Drains

703 General Concrete Paving

704 Precast Concrete Kerb

705 Drainage Pits and Covers

706 Installation or Replacement of Utility Infrastructure within Road Reserves

714 Sign Installation

721 Pavement Markings

730 Traffic Signal Installation

MATERIAL SPECIFICATIONS

FOR WORKS DEPARTMENT

All materials used in construction projects undertaken by the CoGB Works department shall be compliant with the specifications setout in the relevant CoGB material panel supply contract.

Where panel supply contract information is not available, material specifications shall be sought from and supplied by the CoGB Engineering Department, and all materials used in construction must comply with those specifications.

FOR EXTERNAL CONSULTANTS (inc.contractors engaged by the Works Dept.)

All materials used by external contractors engaged to undertake CoGB construction projects, or components thereof, shall be as per the material specification supplied within the instrument of engagement (Quote, Tender or Contract), or as per written instruction from the project Superintendents.

PROJECT PLANNING REQUIREMENTS

Permits and approvals

1. Project permits and approvals which were required to be obtained prior to construction are listed in the below table
2. Construction activities must be compliant with all conditions within the listed permits and approvals.

PROJECT PLANNING REQUIREMENTS			
Item	Required	Approved	Comments
Vegetation	No	No	-
DTP - Vicroads	Yes	No	-
CMA	No	No	-
Planning Permit	No	No	-
Land Acquisition	No	No	-
CHMP	No	No	-
Victrack	Yes	No	-

GENERAL NOTES

STANDARD DRAWINGS

Standard Drawings that are referenced within the design drawings are noted as 'SD', and are sourced from 3 locations. They are available for download online or from the project superintendent:

1. 'CoGB SD' are sourced from the City of Greater Bendigo
<https://www.bendigo.vic.gov.au/Services/Roads-and-Drainage/Roads/Construction-standards>
2. 'IDM SD' are sourced from the Infrastructure Design Manual
<https://www.designmanual.com.au/>
3. 'Vicroads SD' are sourced from Vicroads
<https://www.vicroads.vic.gov.au/business-and-industry/technical-publications/technical-drawings-for-roadworks/standard-drawings-for-roadworks>

SERVICES SHOWN ON PLANS AND DURING CONSTRUCTION

- The location of underground services shown on design drawings have been derived from available information. Accuracy can not be guaranteed and should therefore be treated as indicative only.
- Gas and water property services are not located or shown on design drawings. It is the contractors responsibility to locate and alter these services as required to achieve the project design.
- Prior to undertaking construction activities, exact service locations must be arranged and marked onsite.
- The contractor will be held responsible for any damage caused to services.
- All service pit lids or valve covers within the works area are to be raised or lowered to match the design surface level to the relevant authority standards, unless noted otherwise on the construction plans, or by approval from the superintendent.
- Any service authority marker post found within the works area is to be relocated adjacent to their current position to a point 150mm offset from the nearest property boundary.
- Any PSM covers affected during works are to be renewed to CoGB SD293 unless noted otherwise, or by approval from the superintendent.

DRAINAGE

- Any private storm water pipes discovered during works are to be plumbed to the nearest CoGB drainage pit, or with approval from the superintendent, to the nearest kerb or pipe

CONSTRUCTION MANAGEMENT GUIDANCE

OCCUPATIONAL HEALTH AND SAFETY

Delivery units shall consider appropriate management of occupational health and safety, and develop management plans compliant with ISO45001, and the City of Greater Bendigo integrated management system prior to any works beginning onsite

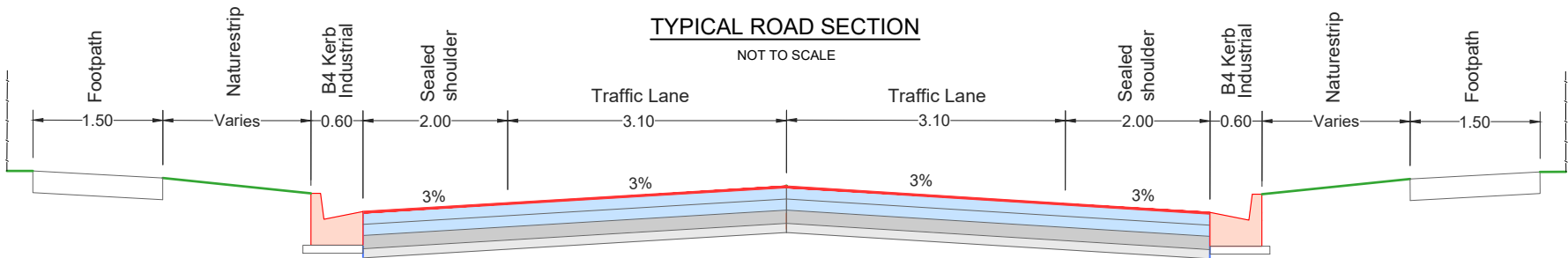
SITE ENVIRONMENTAL MANAGEMENT PLAN

A Site Environmental Management Plan (SEMP) is to be developed by delivery units to manage the project site during the project delivery window. Consideration shall be given to appropriate management of the following, with a SEMP plan filled out and displayed onsite at all times:

- Communication and induction for staff, contractors and sub contractors
- Communication with appropriate adjacent residents/businesses
- Noise and Vibration
- Dust and contamination
- Chemicals
- Erosion and sediment
- Waste
- Vehicle and roadside management
- Vegetation, with particular focus on any relevant permit conditions and AS4970
- Heritage, with particular focus on any relevant permit conditions

TRAFFIC MANAGEMENT PLAN

Where appropriate and prior to any works starting on site, delivery units must organise a AS1742.3 compliant traffic management plan, and have it approved by the relevant road authority.



PAVEMENT PROFILE			
KEY	LAYER	DEPTH	THICKNESS
—	Asphalt (w)	40mm	Size 14 Type H (C320)
—	Asphalt (l)	75mm	Size 20 Type SI (C320)
—	Asphalt (B)	75mm	Size 20 Type SF (C320)
—	Base	150mm	CL1 3% CTCR 20mm compacted to 99%MMDD at 85%OMC +/- 1%
—	Sub Base	100mm	CL3 FCR 20mm compacted to 99%MMDD at 85%OMC +/- 1%
—	Subgrade		Reworked and recompacted to 95%SMDD at 85%OMC +/- 3%

Traffic loops to be installed in intermediate asphalt layers prior to wearing course being installed



IMPORTANT!
The location of underground services have been derived from available information, however accuracy cannot be guaranteed. All existing service information should therefore be treated as indicative only, and service locations must be arranged prior to commencement of any excavation. The contractor will be held responsible for any damage caused to underground services.

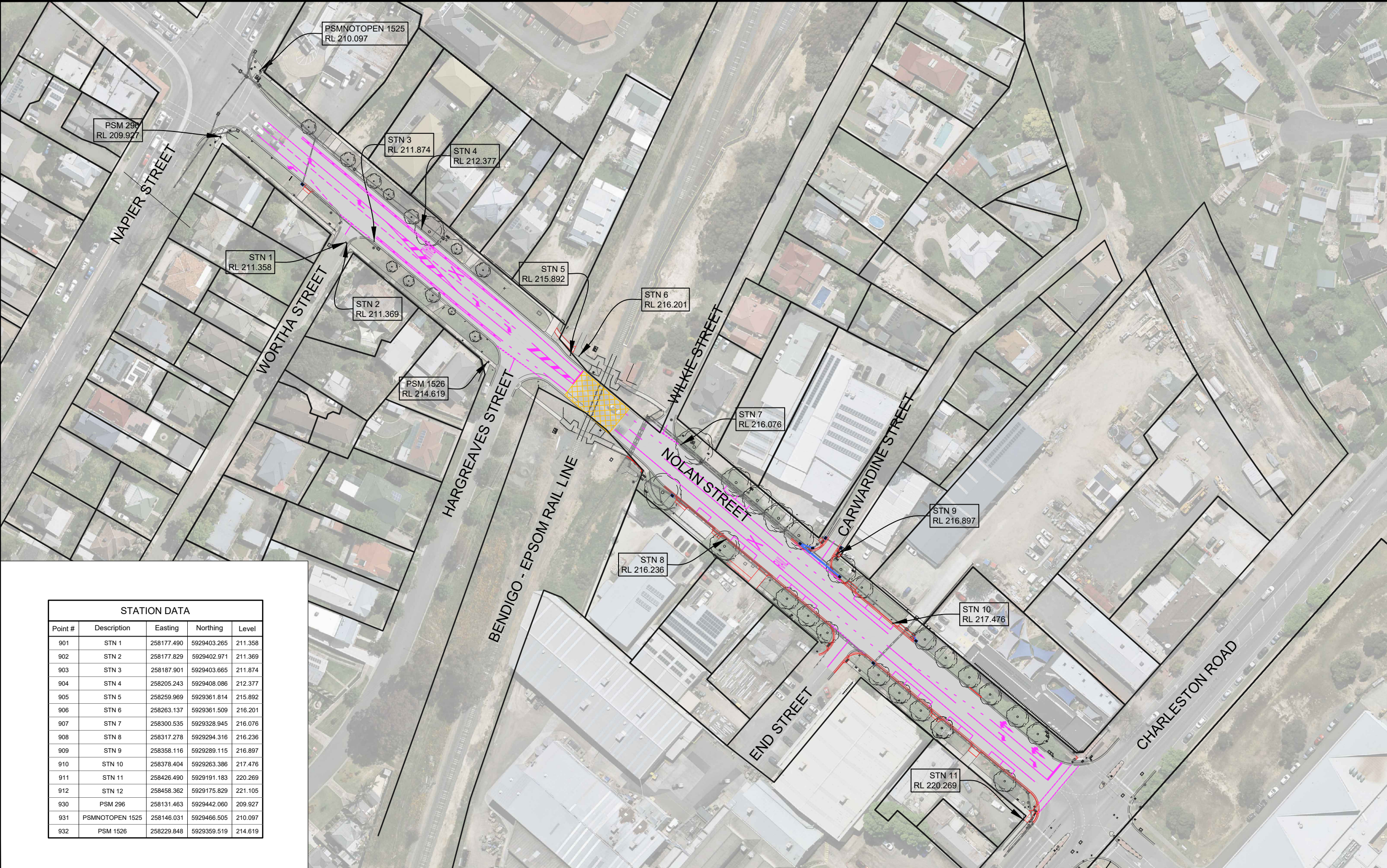


PROJECT DESIGN STATUS		
Surveyor:	H. WHYTOCK	20/12/22
Designer:	B. JANSSEN	05/07/23
Draft Checked:	A. SMITH	xx/xx/23
Tender Approved:	N. SARTORI	xx/xx/23

**PRELIMINARY DESIGN
DRAFT 3**

PROJECT DETAILS	
Location:	NOLAN STREET
Suburb:	BENDIGO
Works:	ROAD RECONSTRUCTION
GB No:	GB5085

SHEET DETAILS	
GENERAL NOTES	Sheet number: 2 of 18
	Plan Scale: AS SHOWN A3
	Plotted: 01/08/2023 By: Bayley Janssen
SHEET REVISIONS AFTER TENDER	
Revision	Description
Approved by	Date
-	-
-	-
-	-



STATION DATA				
Point #	Description	Easting	Northing	Level
901	STN 1	258177.490	5929403.265	211.358
902	STN 2	258177.829	5929402.971	211.369
903	STN 3	258187.901	5929403.665	211.874
904	STN 4	258205.243	5929408.086	212.377
905	STN 5	258259.969	5929361.814	215.892
906	STN 6	258263.137	5929361.509	216.201
907	STN 7	258300.535	5929328.945	216.076
908	STN 8	258317.278	5929294.316	216.236
909	STN 9	258358.116	5929289.115	216.897
910	STN 10	258378.404	5929263.386	217.476
911	STN 11	258426.490	5929191.183	220.269
912	STN 12	258458.362	5929175.829	221.105
930	PSM 296	258131.463	5929442.060	209.927
931	PSMNOTOPEN 1525	258146.031	5929466.505	210.097
932	PSM 1526	258229.848	5929359.519	214.619



PROJECT DESIGN STATUS

Surveyor:	H. WHYTOCK	20/12/22
Designer:	B. JANSSEN	05/07/23
Draft Checked:	A. SMITH	xx/xx/23
Tender Approved:	N. SARTORI	xx/xx/23

PRELIMINARY DESIGN
DRAFT 3

PROJECT DETAILS

Location:	NOLAN STREET
Suburb:	BENDIGO
Works:	ROAD RECONSTRUCTION
GB No:	GB5085

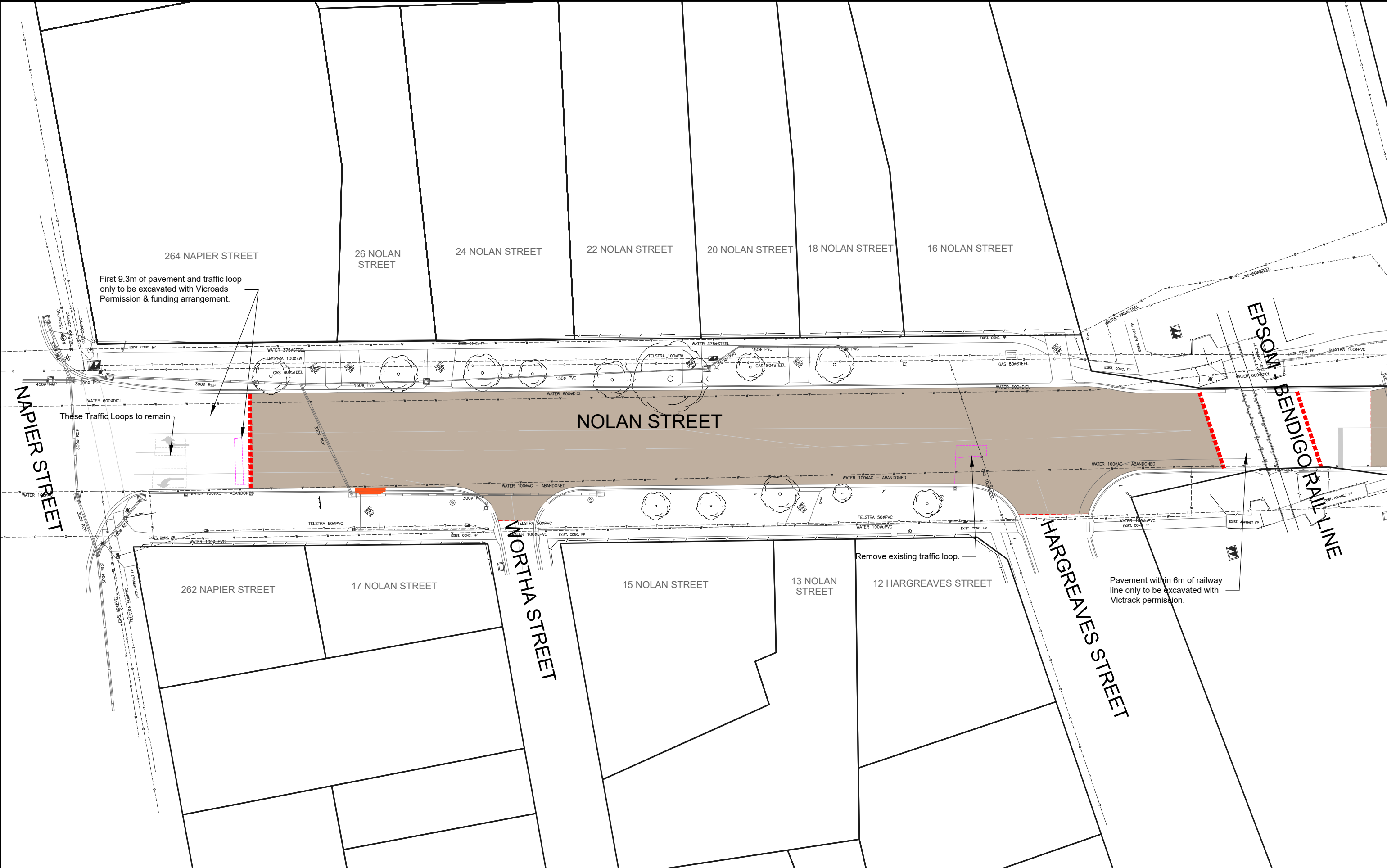
SHEET DETAILS

OVERALL LAYOUT & CONTROL

Sheet number:	3 of 18
Plan Scale:	1:1250
Plotted:	01/08/2023 By: Bayley Janssen

SHEET REVISIONS AFTER TENDER

Revision	Description	Approved by	Date
-	-	-	-
-	-	-	-
-	-	-	-



LEGEND

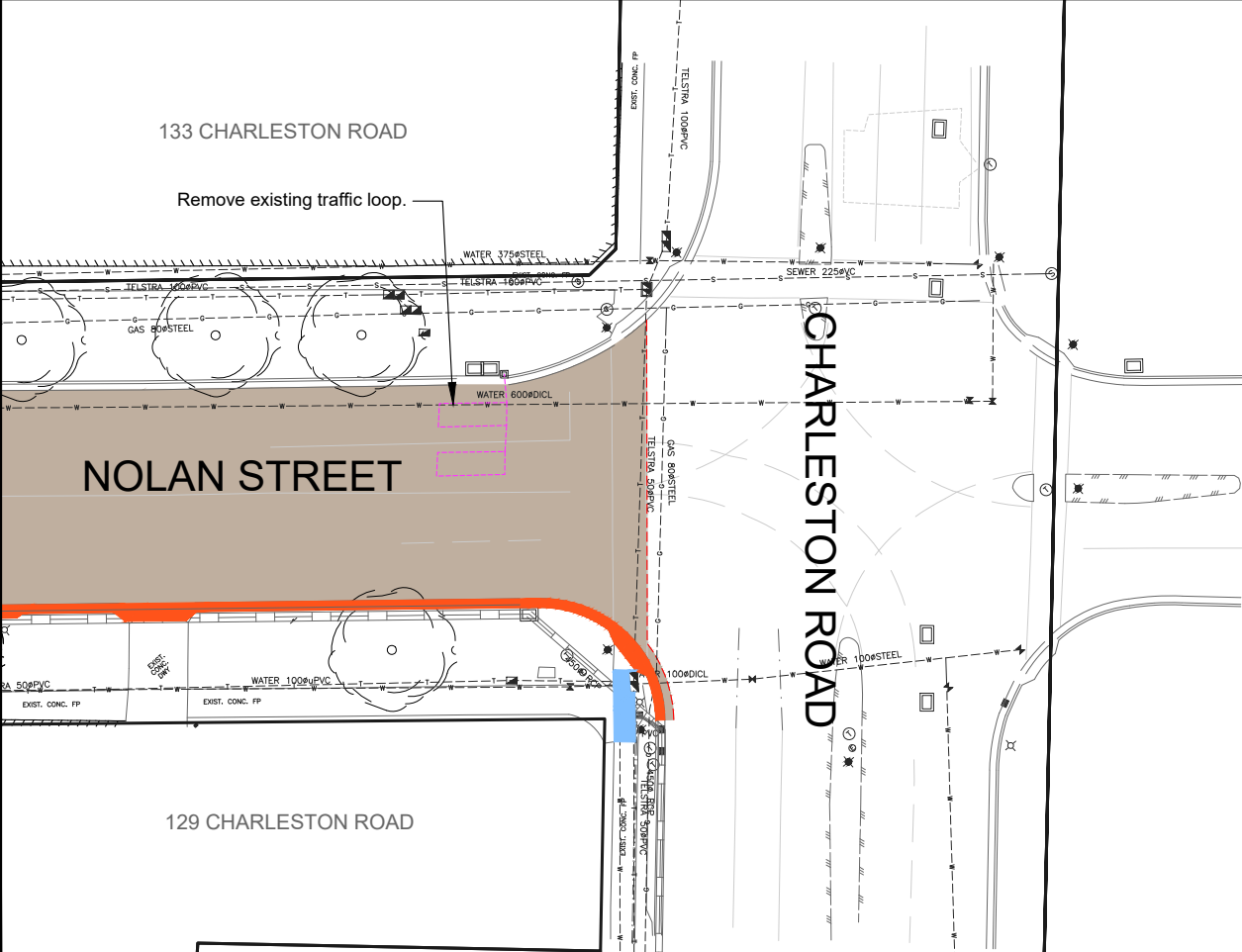
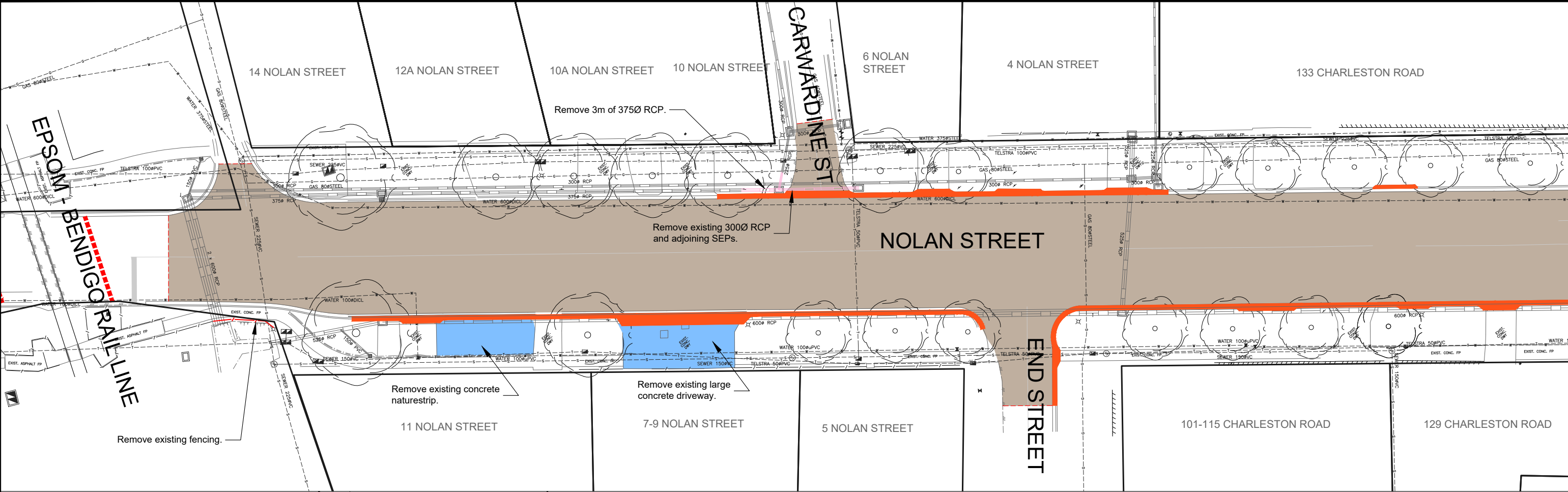
	Removal: Pavement		Removal: Linemarking		Removal: Tree
	Removal: Kerb		Removal: Sawcut		
	Removal: Concrete		Removal: Pipe		

PROJECT DESIGN STATUS		
Surveyor:	H. WHYTOCK	20/12/22
Designer:	B. JANSSEN	05/07/23
Draft Checked:	A. SMITH	xx/xx/23
Tender Approved:	N. SARTORI	xx/xx/23

PRELIMINARY DESIGN
DRAFT 3

PROJECT DETAILS	
Location:	NOLAN STREET
Suburb:	BENDIGO
Works:	ROAD RECONSTRUCTION
GB No:	GB5085

SHEET DETAILS			
DEMOLITION PLAN	Sheet number: 4 of 18		
	Plan Scale: 1:500 A3		
Plotted: 01/08/2023 By: Bayley Janssen			
SHEET REVISIONS AFTER TENDER			
Revision	Description	Approved by	Date
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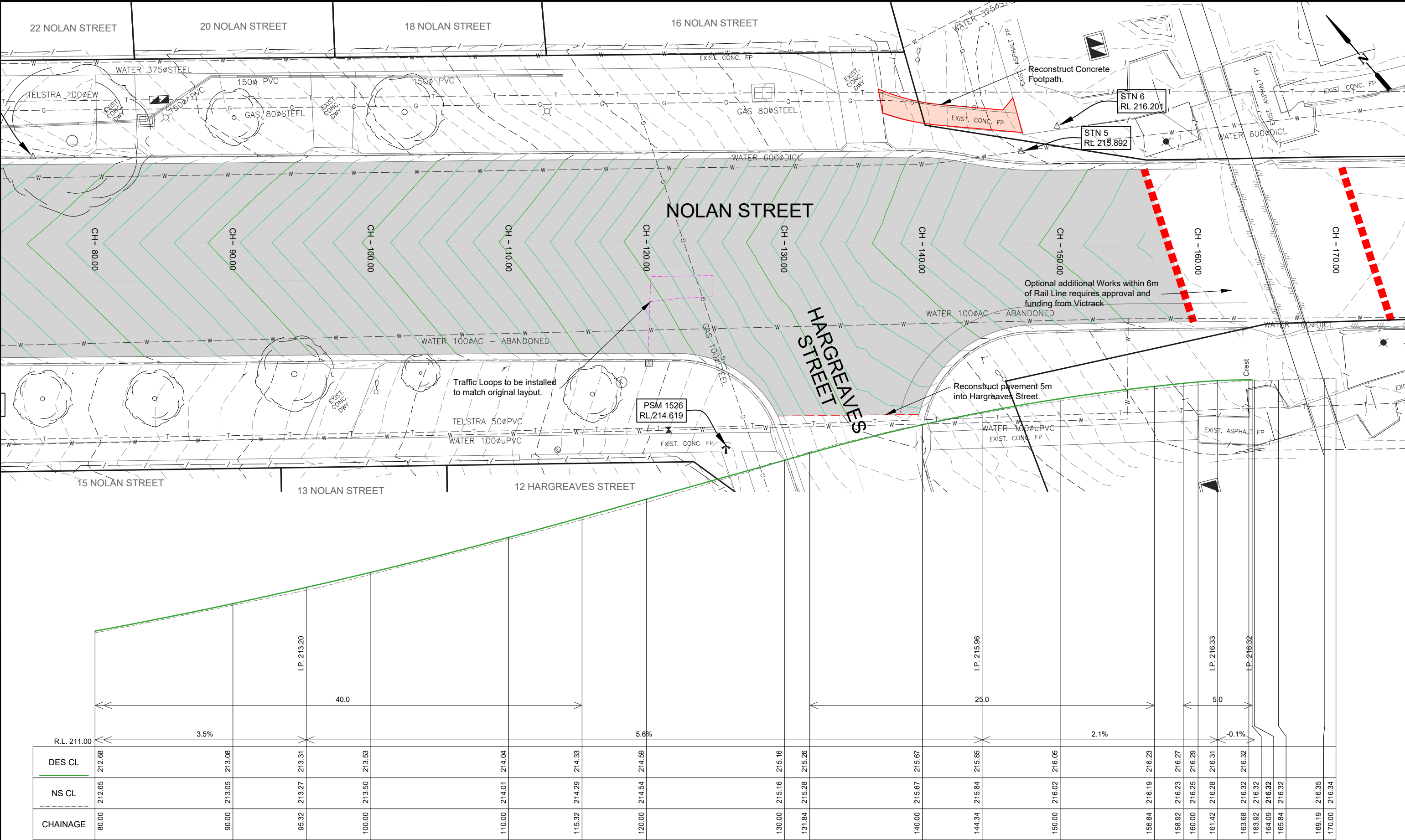


LEGEND

	Removal: Pavement		Removal: Linemarking		Removal: Tree
	Removal: Kerb		Removal: Sawcut		
	Removal: Concrete		Removal: Pipe		

CITY OF GREATER BENDIGO

PROJECT DESIGN STATUS			PROJECT DETAILS		SHEET DETAILS	
Surveyor:	H. WHYTOK	20/12/22	Location:	NOLAN STREET	Sheet number: 5 of 18	
Designer:	B. JANSSEN	05/07/23	Suburb:	BENDIGO	Plan Scale:	1:500 A3
Draft Checked:	A. SMITH	xx/xx/23	Works:	ROAD RECONSTRUCTION	Plotted: 01/08/2023 By: Bayley Janssen	
Tender Approved:	N. SARTORI	xx/xx/23	GB No:	GB5085		
PRELIMINARY DESIGN DRAFT 3						
			SHEET REVISIONS AFTER TENDER			
			Revision Description		Approved by Date	
			-		-	
			-		-	
			-		-	



NOLAN STREET (CL) LONGITUDINAL SECTION CH 80.000 To 170.000
SCALES: H 1:250 V 1:50 (A3)

DESIGN CONTOURS
- Levels to AHD (0.10m interval)

EXISTING CONTOURS
- Levels to AHD (0.10m interval)

Industrial Concrete Kerb: Normal plain
Kerb per IDM SD105 &
CoGB SD190,191,192

Concrete Footpath area: Normal plain
Footpath as per IDM SD 205 & SD210

Concrete Driveway area: Industrial plain
Dry as per IDM SD250
1.0m reinstatement unless otherwise noted.

Landscape work: Instant turf
(Refer: Typical details pg 2)

ROAD PAVEMENT
- Pavement Design to be completed

RRV / Victrack Boundary
No works past these boundaries without approval.

Landscape work: Topsoil and Seed
(Refer: Typical details pg 2)

Traffic Loop to be replaced

PROJECT DESIGN STATUS

Surveyor:	H. WHYTOCK	20/12/22
Designer:	B. JANSSEN	05/07/23
Draft Checked:	A. SMITH	xx/xx/23
Tender Approved:	N. SARTORI	xx/xx/23

**PRELIMINARY DESIGN
DRAFT 3**

PROJECT DETAILS

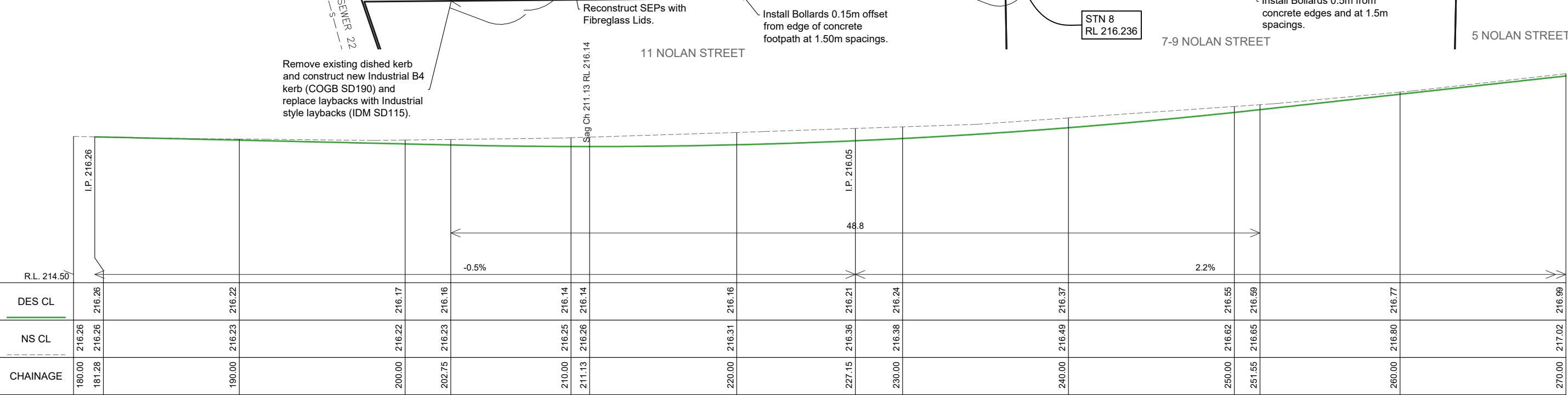
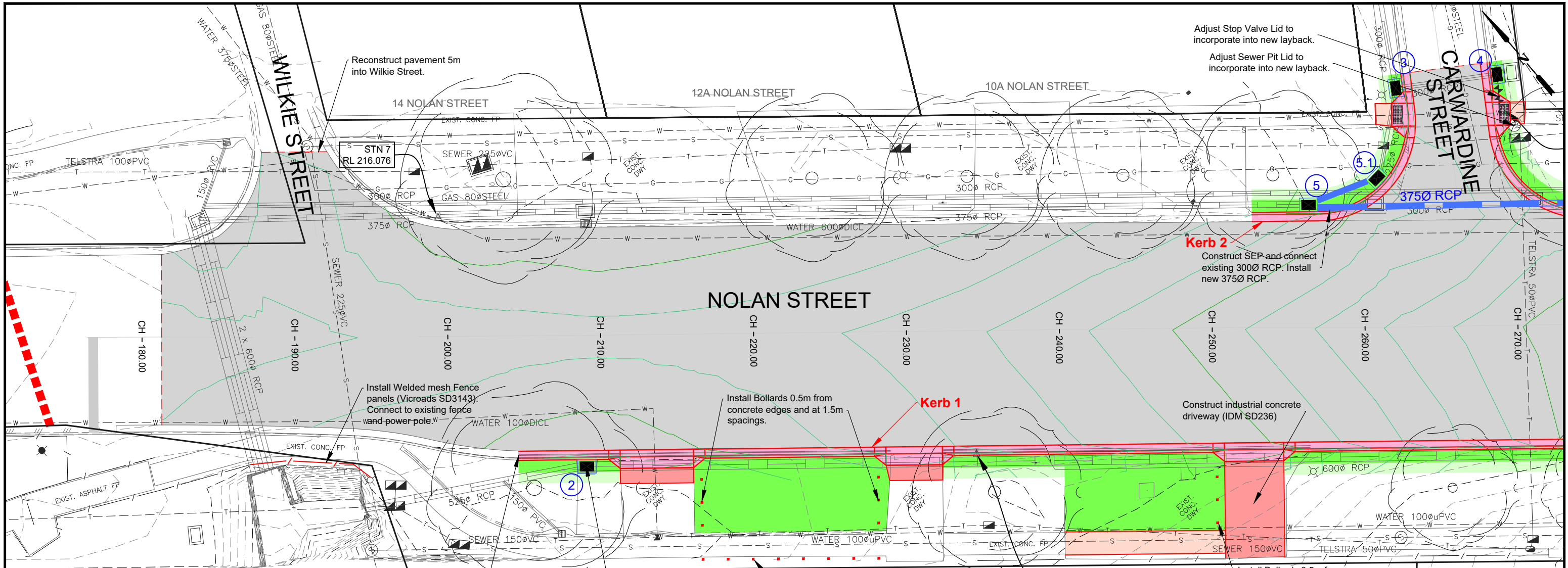
Location: NOLAN STREET
Suburb: BENDIGO
Works: ROAD RECONSTRUCTION
GB No: GB5085

SHEET DETAILS

DETAIL LAYOUT

Sheet number: 7 of 18
Plan Scale: 1:250
Plotted: 01/08/2023 By: Bayley Janssen

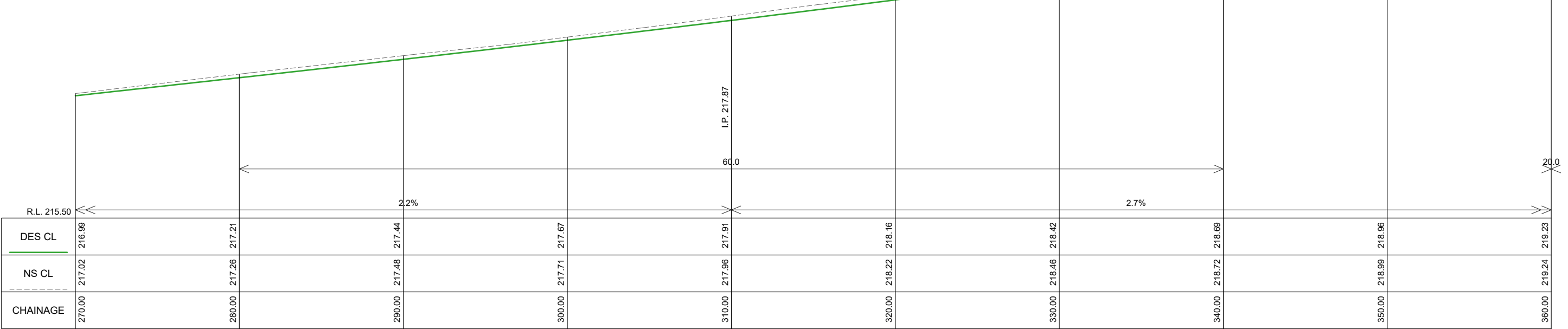
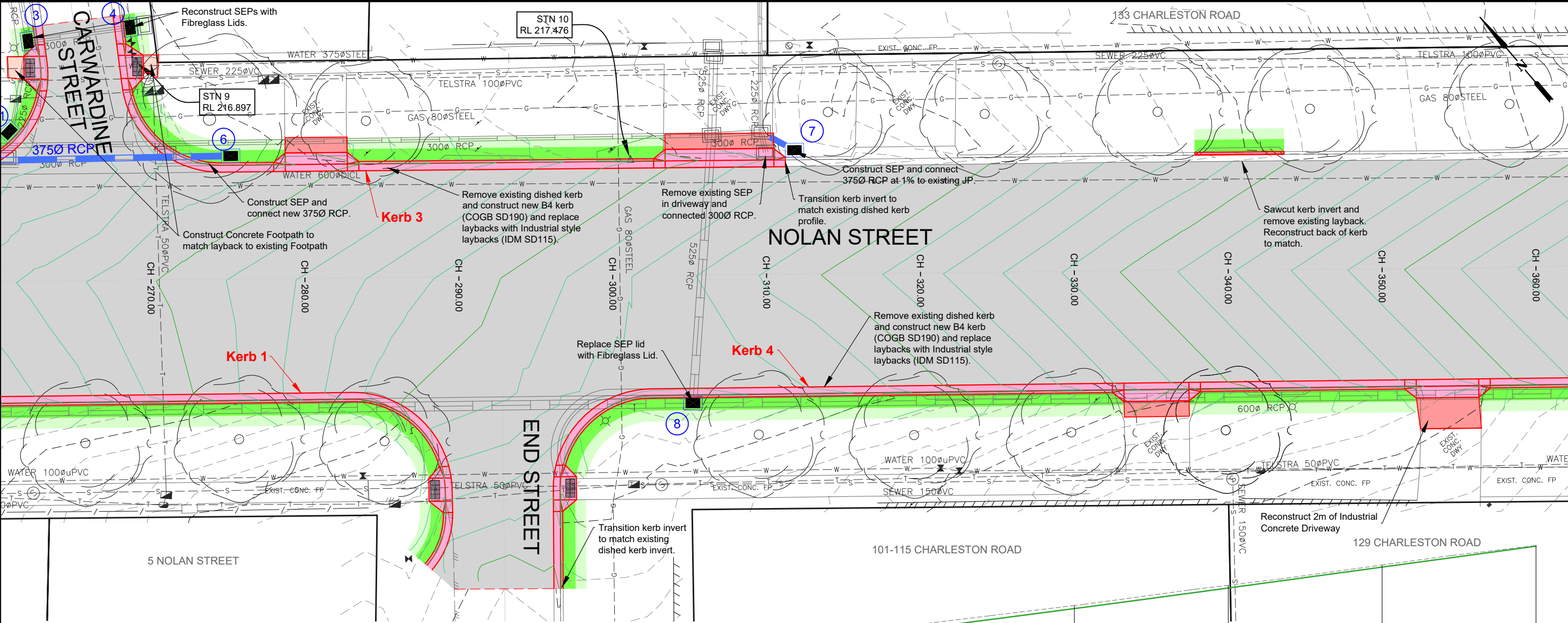
Revision	Description	Approved by	Date
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-	-	-	-
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NOLAN STREET (CL) LONGITUDINAL SECTION CH 180.000 To 270.000
 SCALES: H 1:250 V 1:50 (A3)

LEGEND				CITY OF GREATER BENDIGO	PROJECT DESIGN STATUS		PROJECT DETAILS		SHEET DETAILS																
DESIGN CONTOURS - Levels to AHD (0.10m interval) EXISTING CONTOURS - Levels to AHD (0.10m interval) Industrial Concrete Kerb: Normal plain Kerb per IDM SD105 & CoGB SD190,191,192	Concrete Footpath area: Normal plain Footpath as per IDM SD 205 & SD210 Concrete Driveway area: Industrial plain Dwy as per IDM SD250 1.0m reinstatement unless otherwise noted. Landscape work: Instant turf (Refer: Typical details pg 2)	ROAD PAVEMENT - Pavement Design to be completed RRV / Victrack Boundary No works past these boundaries without approval. Landscape work: Topsoil and Seed (Refer: Typical details pg 2)	Traffic Loop to be replaced			Surveyor: H. WHYTOCK Designer: B. JANSSEN Draft Checked: A. SMITH Tender Approved: N. SARTORI	20/12/22 05/07/23 xx/xx/23 xx/xx/23	Location: NOLAN STREET Suburb: BENDIGO Works: ROAD RECONSTRUCTION GB No: GB5085	Sheet number: 8 of 18 Plan Scale: 1:250 A3 Plotted: 01/08/2023 By: Bayley Janssen	SHEET REVISIONS AFTER TENDER <table border="1"> <thead> <tr> <th>Revision</th> <th>Description</th> <th>Approved by</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table>	Revision	Description	Approved by	Date	-	-	-	-	-	-	-	-	-	-	-
Revision	Description	Approved by	Date																						
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PRELIMINARY DESIGN
 DRAFT 3



NOLAN STREET (CL) LONGITUDINAL SECTION CH 270.000 To 360.000
 SCALES: H 1:250 V 1:50 (A3)

LEGEND

DESIGN CONTOURS
- Levels to AHD (0.10m interval)

EXISTING CONTOURS
- Levels to AHD (0.10m interval)

Industrial Concrete Kerb: Normal plain Kerb per IDM SD105 & CoGB SD190,191,192

Concrete Footpath area: Normal plain Footpath as per IDM SD 205 & SD210

Concrete Driveway area: Industrial plain Driveway as per IDM SD250 1.0m reinstatement unless otherwise noted.

Landscape work: Instant turf (Refer: Typical details pg 2)

ROAD PAVEMENT
- Pavement Design to be completed

RRV / Victrack Boundary
No works past these boundaries without approval.

Landscape work: Topsoil and Seed (Refer: Typical details pg 2)

Traffic Loop to be replaced

CITY OF GREATER BENDIGO

PROJECT DESIGN STATUS

Surveyor:	H. WHYTECK	20/12/22
Designer:	B. JANSSEN	05/07/23
Draft Checked:	A. SMITH	xx/xx/23
Tender Approved:	N. SARTORI	xx/xx/23

PRELIMINARY DESIGN DRAFT 3

PROJECT DETAILS

Location: NOLAN STREET

Suburb: BENDIGO

Works: ROAD RECONSTRUCTION

GB No: GB5085

SHEET DETAILS

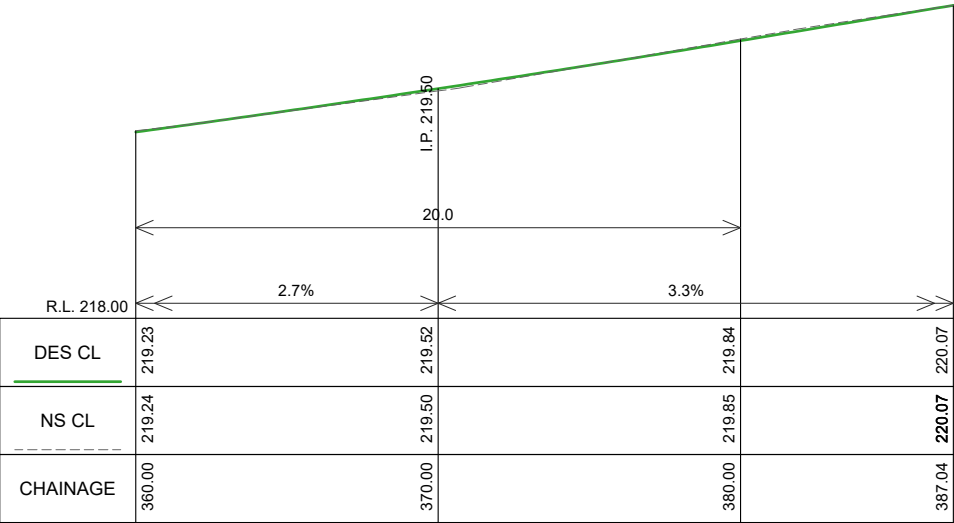
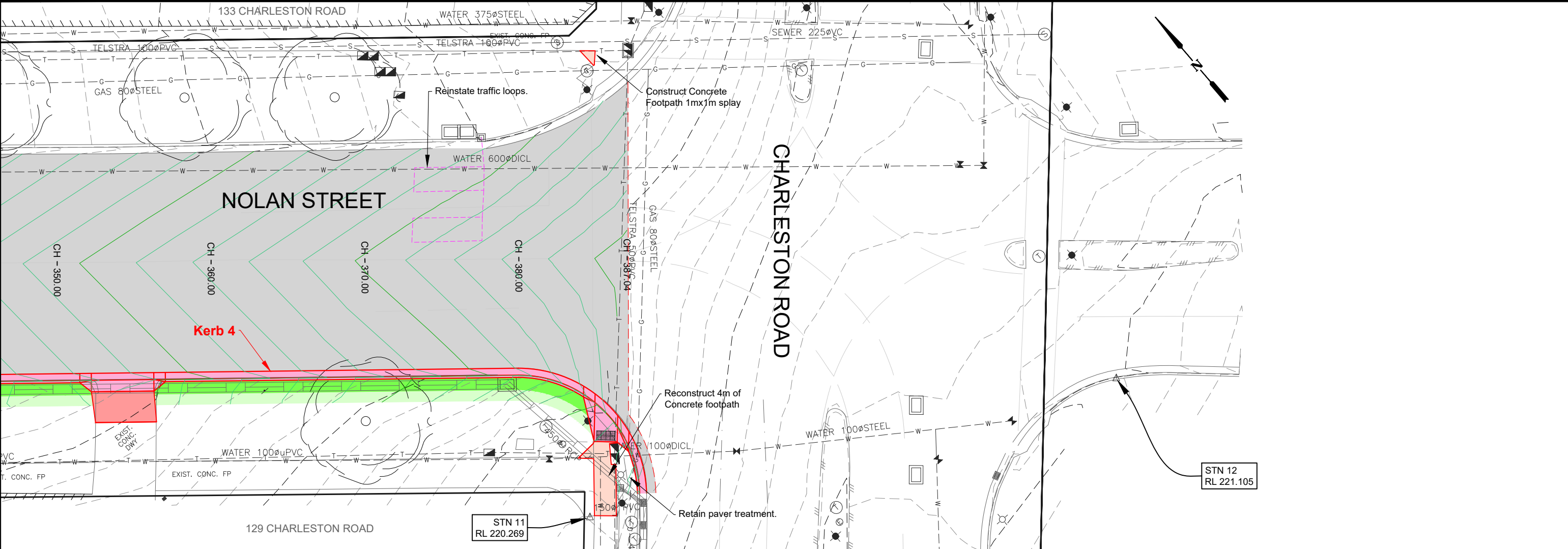
DETAIL LAYOUT

Sheet number: 9 of 18

Plan Scale: 1:250

Plotted: 01/08/2023 By: Bayley Janssen

Revision	Description	Approved by	Date
-	-	-	-
-	-	-	-
-	-	-	-



NOLAN STREET (CL) LONGITUDINAL SECTION CH 360.000 To 387.043
SCALES: H 1:250 V 1:50 (A3)

LEGEND

DESIGN CONTOURS
- Levels to AHD (0.10m interval)

EXISTING CONTOURS
- Levels to AHD (0.10m interval)

Industrial Concrete Kerb: Normal plain
Kerb per IDM SD105 &
CoGB SD190,191,192

Concrete Footpath area: Normal plain
Footpath as per IDM SD 205 & SD210

Concrete Driveway area: Industrial plain
Dwy as per IDM SD250
1.0m reinstatement unless otherwise noted.

Landscape work: Instant turf
(Refer: Typical details pg 2)

ROAD PAVEMENT
- Pavement Design to be completed

RRV / Victrack Boundary
No works past these boundaries without approval.

Landscape work: Topsoil and Seed
(Refer: Typical details pg 2)

Traffic Loop to be replaced

PROJECT DESIGN STATUS

Surveyor: H. WHYTOCK 20/12/22

Designer: B. JANSSEN 05/07/23

Draft Checked: A. SMITH xx/xx/23

Tender Approved: N. SARTORI xx/xx/23

PRELIMINARY DESIGN

DRAFT 3

PROJECT DETAILS

Location: NOLAN STREET

Suburb: BENDIGO

Works: ROAD RECONSTRUCTION

GB No: GB5085

SHEET DETAILS

DETAIL LAYOUT

Sheet number: 10 of 18

Plan Scale: 1:250 A3

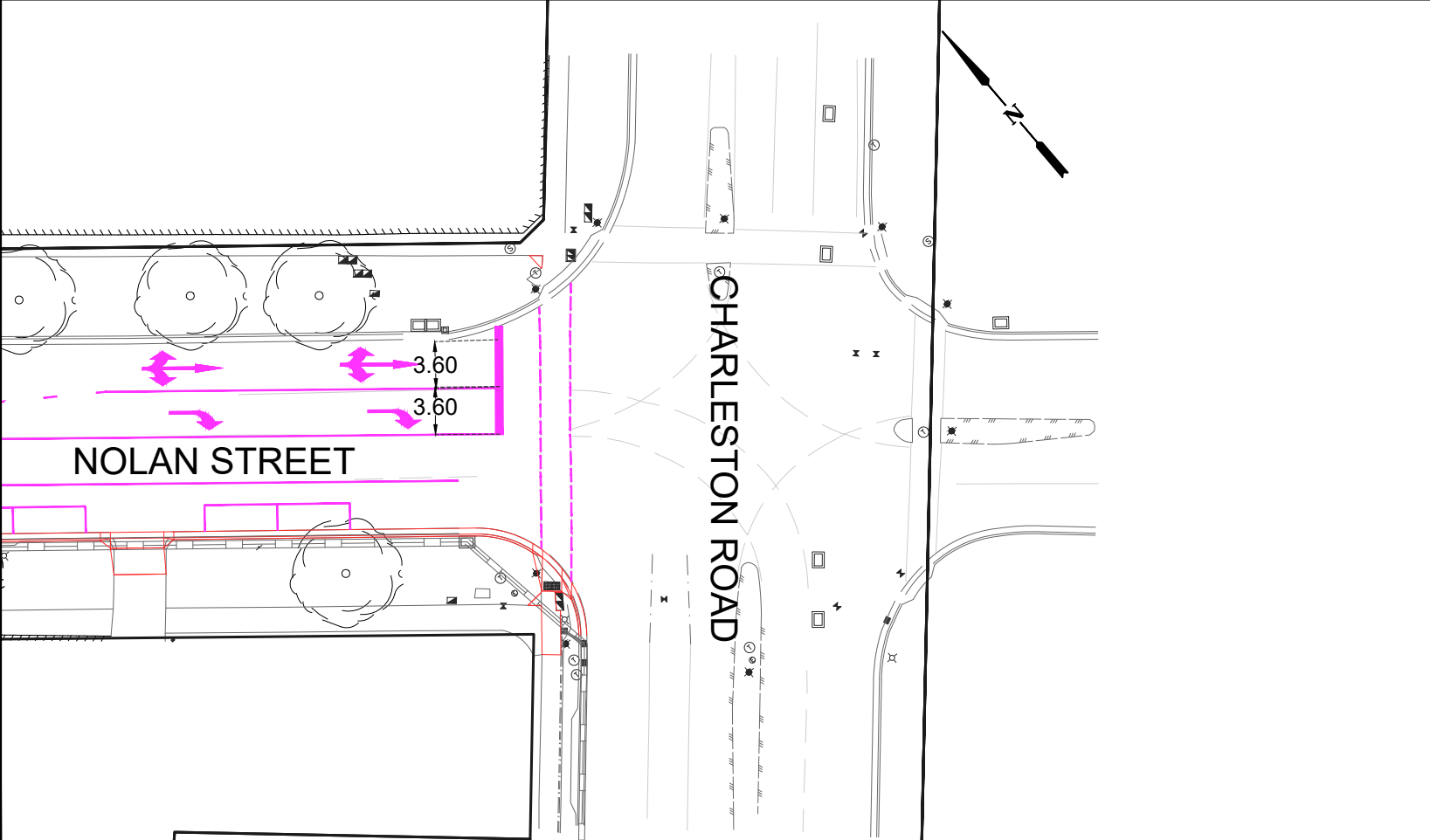
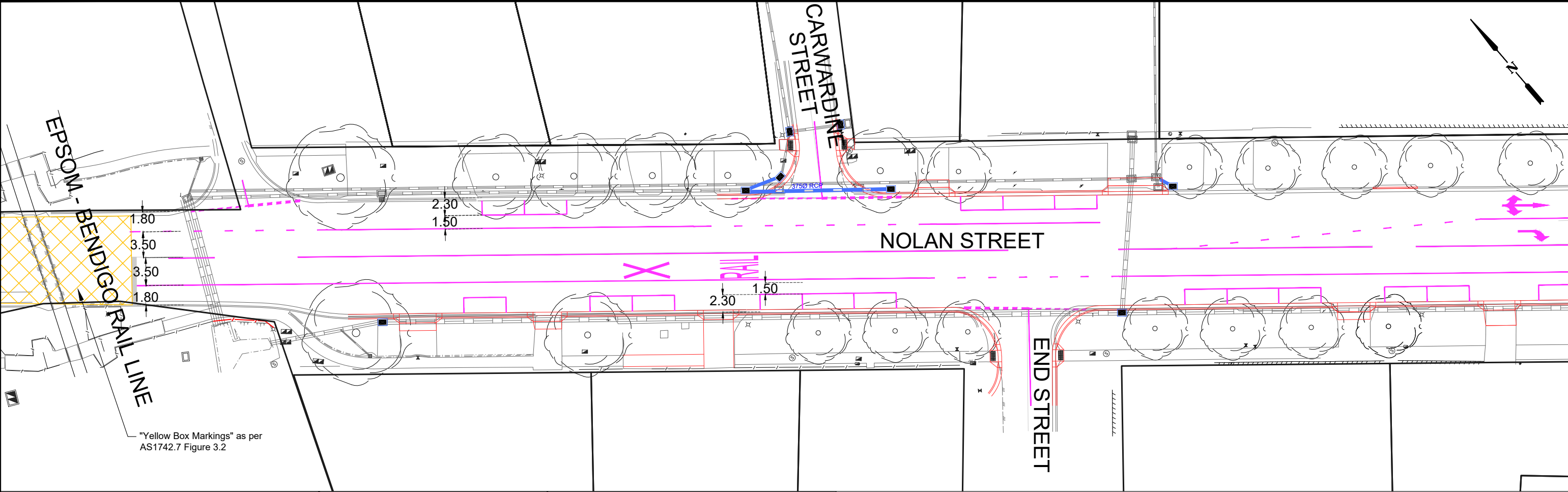
Plotted: 01/08/2023 By: Bayley Janssen

SHEET REVISIONS AFTER TENDER

Revision	Description	Approved by	Date
-	-	-	-
-	-	-	-
-	-	-	-



LEGEND		 CITY OF GREATER BENDIGO	PROJECT DESIGN STATUS			PROJECT DETAILS		SHEET DETAILS																						
	Design Linemarking - White			Design Sign	Surveyor:	H. WHYTOCK	20/12/22	Location: NOLAN STREET Suburb: BENDIGO Works: ROAD RECONSTRUCTION GB No: GB5085	LINEMARKING & SIGNAGE		Sheet number: 11 of 18																			
	Design Linemarking - Yellow			Existing Sign	Designer:	B. JANSSEN	05/07/23				Plan Scale: 1:500		A3																	
	Design Bicycle Symbol				Draft Checked:	A. SMITH	xx/xx/23		Plotted: 01/08/2023 By: Bayley Janssen																					
				Design RRP - White	Tender Approved:	N. SARTORI	xx/xx/23		<table><tr><th colspan="4">SHEET REVISIONS AFTER TENDER</th></tr><tr><th>Revision</th><th>Description</th><th>Approved by</th><th>Date</th></tr><tr><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>-</td><td>-</td><td>-</td><td>-</td></tr></table>				SHEET REVISIONS AFTER TENDER				Revision	Description	Approved by	Date	-	-	-	-	-	-	-	-	-	-
SHEET REVISIONS AFTER TENDER																														
Revision	Description	Approved by	Date																											
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			Design RRP - Red	PRELIMINARY DESIGN DRAFT 3																										
			Design RRP - Yellow																											



LEGEND			
	Design Linemarking - White		Design Sign
	Design Linemarking - Yellow		Existing Sign
	Design Bicycle Symbol		Design RRPM - White
			Design RRPM - Red
			Design RRPM - Yellow

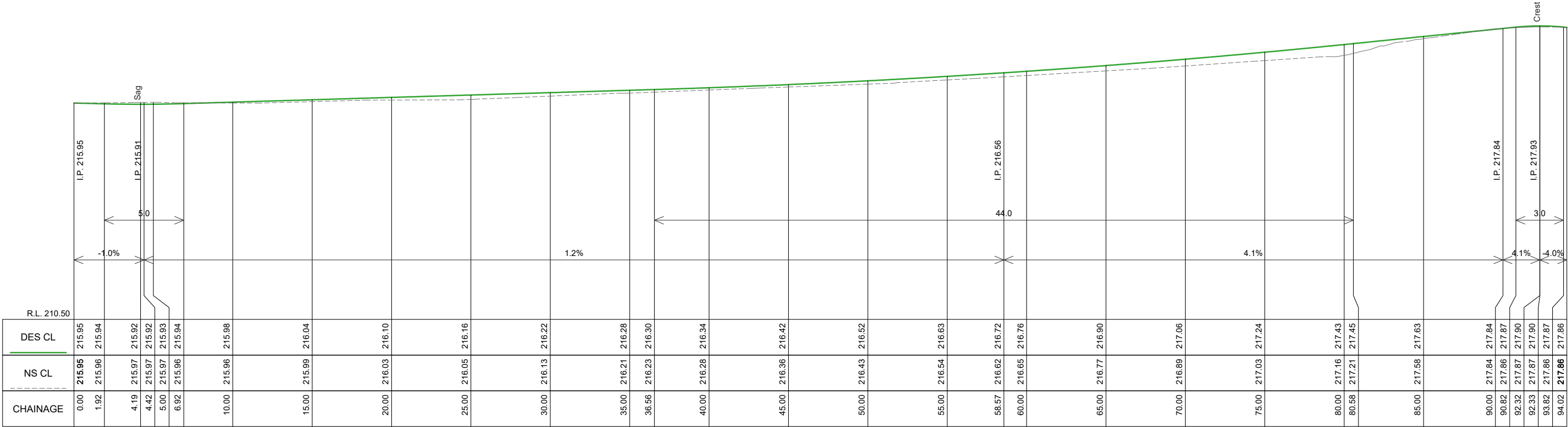


PROJECT DESIGN STATUS		
Surveyor:	H. WHYTOK	20/12/22
Designer:	B. JANSSEN	05/07/23
Draft Checked:	A. SMITH	xx/xx/23
Tender Approved:	N. SARTORI	xx/xx/23

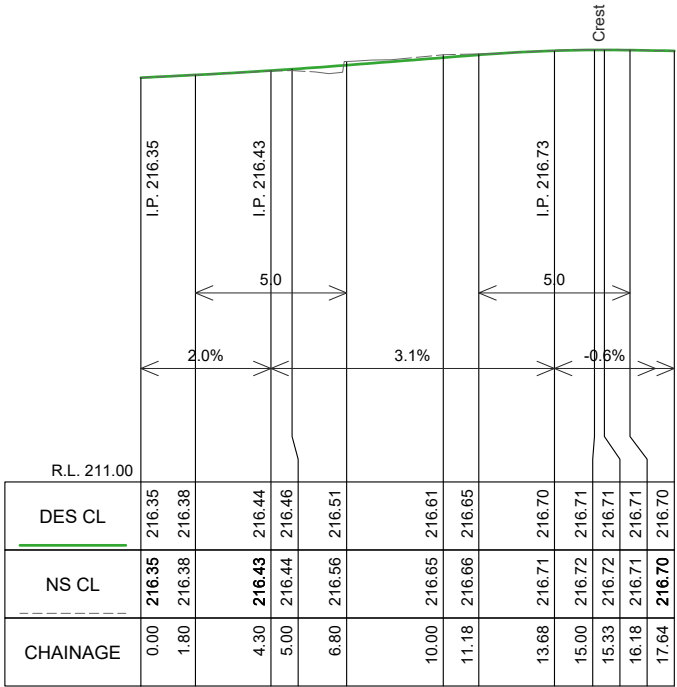
PRELIMINARY DESIGN
DRAFT 3

PROJECT DETAILS	
Location:	NOLAN STREET
Suburb:	BENDIGO
Works:	ROAD RECONSTRUCTION
GB No:	GB5085

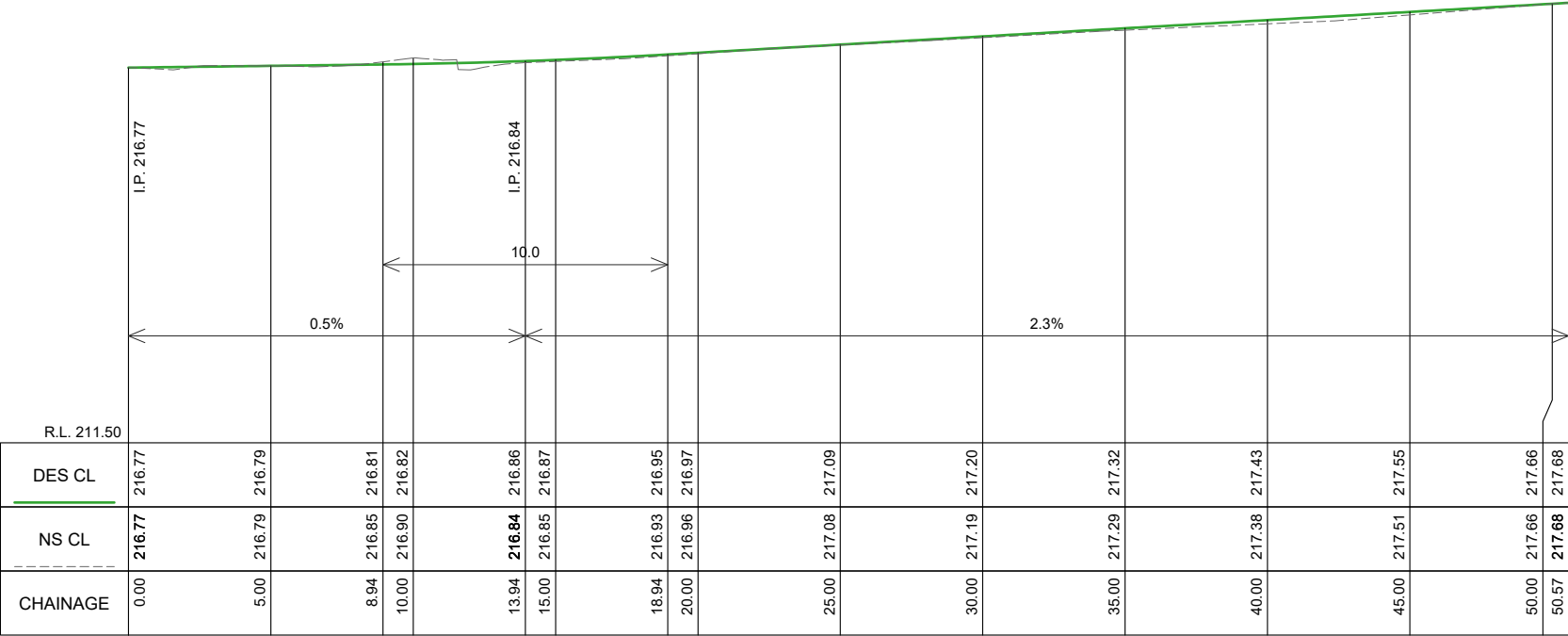
SHEET DETAILS		
LINEMARKING & SIGNAGE		Sheet number: 12 of 18
		Plan Scale: 1:500 A3
		Plotted: 01/08/2023 By: Bayley Janssen
SHEET REVISIONS AFTER TENDER		
Revision	Description	Approved by Date
-	-	- -
-	-	- -
-	-	- -



KERB 1 LONGITUDINAL SECTION CH 0.000 To 94.025
SCALES: H 1:250 V 1:100 (A3)



KERB 2 LONGITUDINAL SECTION CH 0.000 To 17.642
SCALES: H 1:250 V 1:100 (A3)



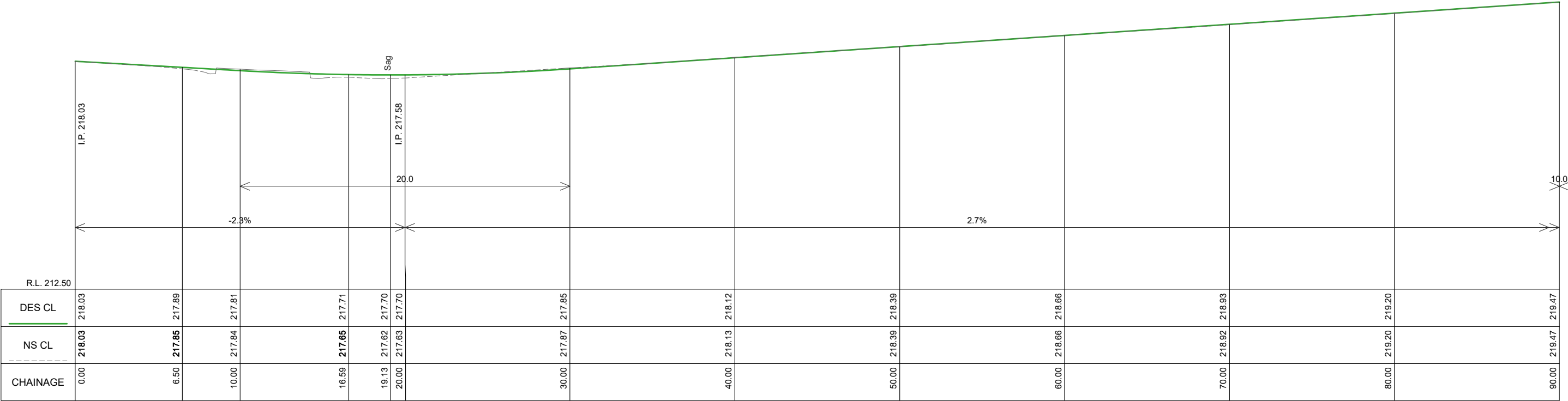
KERB 3 LONGITUDINAL SECTION CH 0.000 To 50.573
SCALES: H 1:250 V 1:100 (A3)

PROJECT DESIGN STATUS		
Surveyor:	H. WHYTOCK	20/12/22
Designer:	B. JANSSEN	05/07/23
Draft Checked:	A. SMITH	xx/xx/23
Tender Approved:	N. SARTORI	xx/xx/23

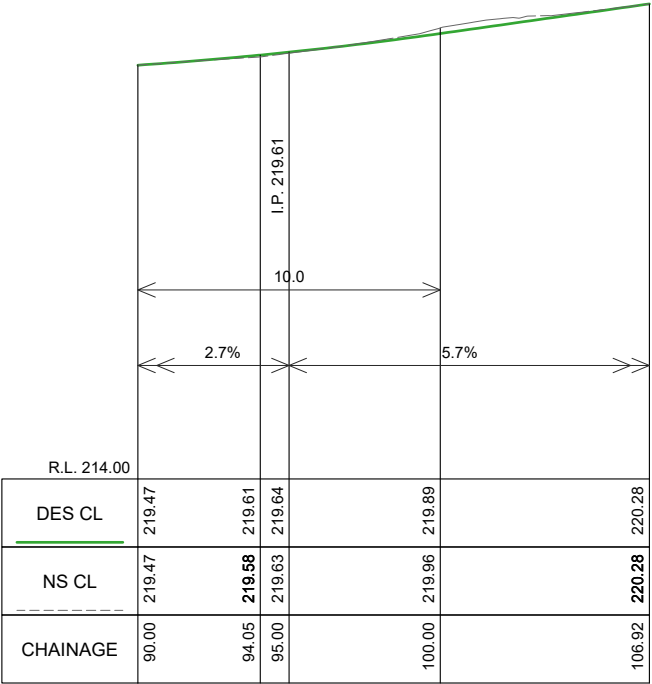
PRELIMINARY DESIGN
DRAFT 3

PROJECT DETAILS	
Location:	NOLAN STREET
Suburb:	BENDIGO
Works:	ROAD RECONSTRUCTION
GB No:	GB5085

SHEET DETAILS			
KERB LONG SECTIONS		Sheet number:	13 of 18
		Plan Scale:	AS SHOWN A3
Plotted: 01/08/2023 By: Bayley Janssen			
SHEET REVISIONS AFTER TENDER			
Revision	Description	Approved by	Date
-	-	-	-
-	-	-	-
-	-	-	-



KERB 4 LONGITUDINAL SECTION CH 0.000 To 90.000
SCALES: H 1:250 V 1:100 (A3)



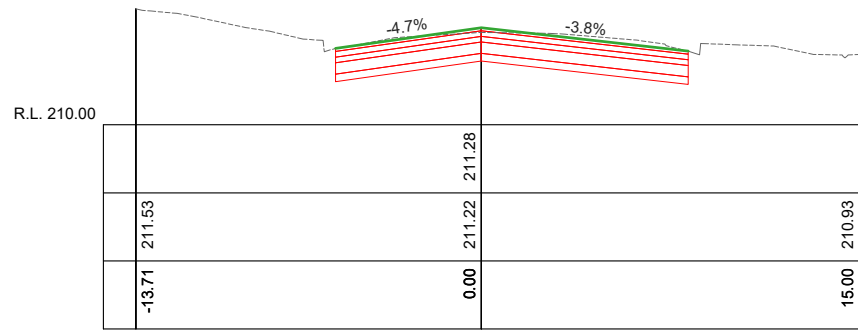
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SCALES: H 1:250 V 1:100 (A3)



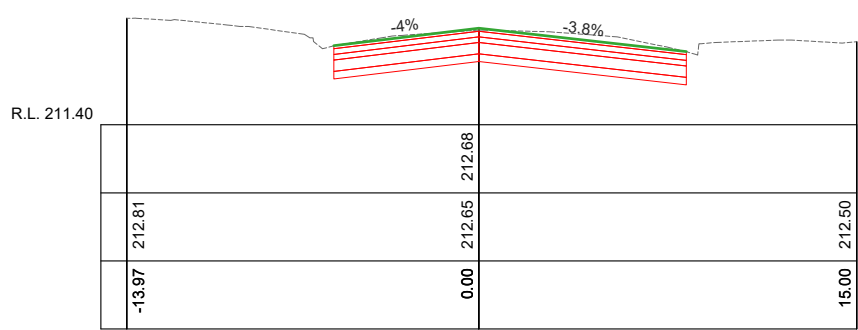
PROJECT DESIGN STATUS		
Surveyor:	H. WHYTOCK	20/12/22
Designer:	B. JANSSEN	05/07/23
Draft Checked:	A. SMITH	xx/xx/23
Tender Approved:	N. SARTORI	xx/xx/23
PRELIMINARY DESIGN DRAFT 3		

PROJECT DETAILS	
Location:	NOLAN STREET
Suburb:	BENDIGO
Works:	ROAD RECONSTRUCTION
GB No:	GB5085

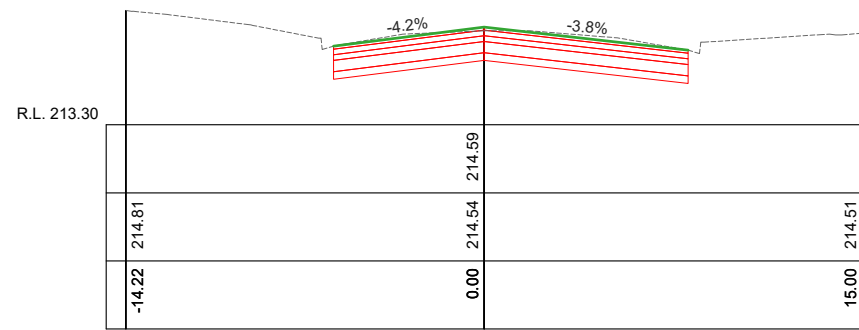
SHEET DETAILS			
KERB LONG SECTIONS		Sheet number: 14 of 18	
		Plan Scale: AS SHOWN A3	
		Plotted: 01/08/2023 By: Bayley Janssen	
SHEET REVISIONS AFTER TENDER			
Revision	Description	Approved by	Date
-	-	-	-
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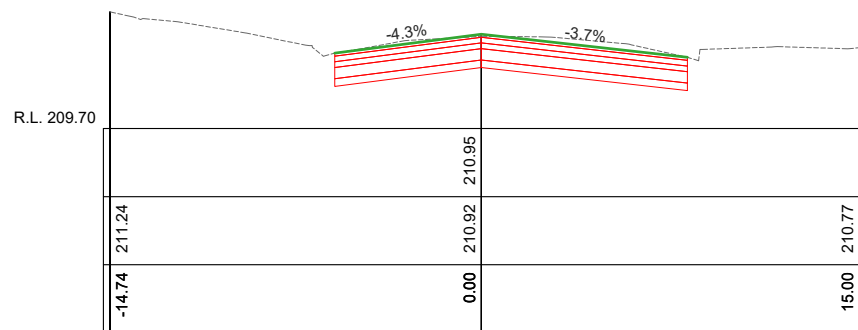
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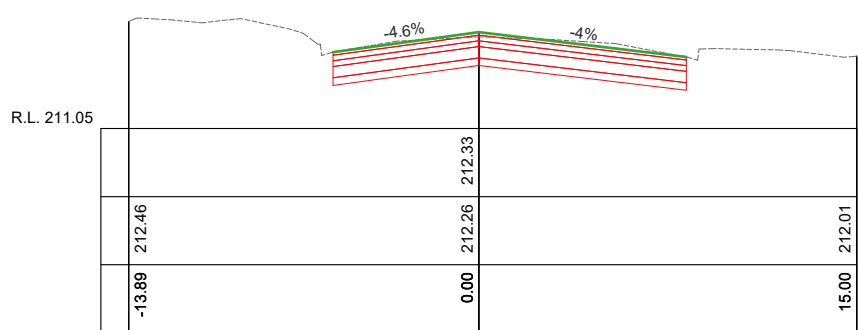
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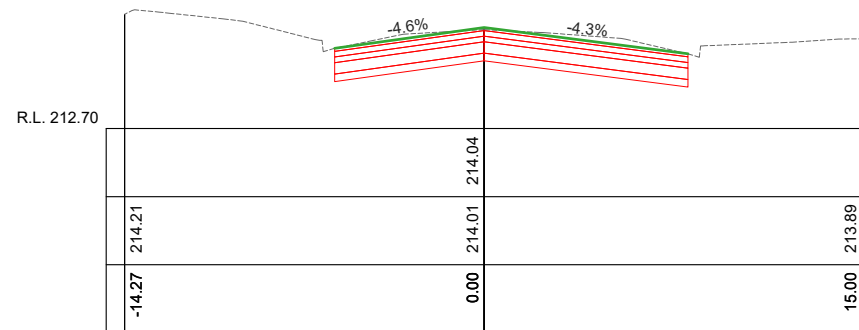
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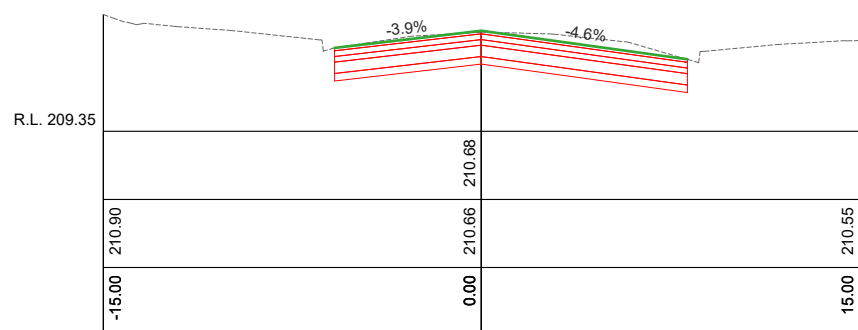
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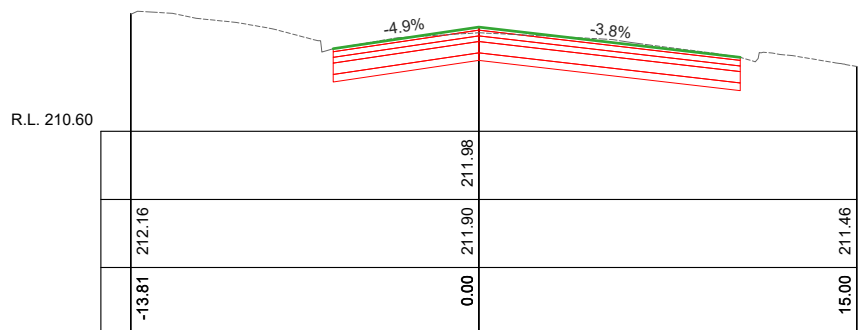
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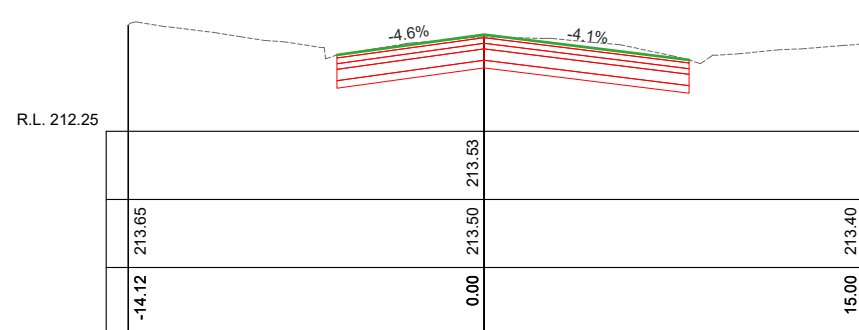
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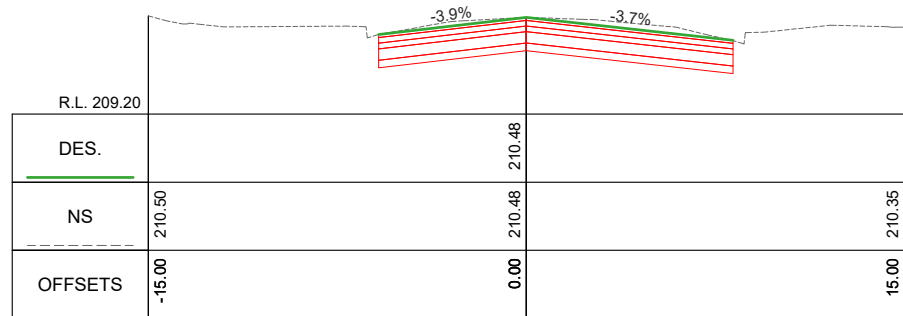
Ch 20.00



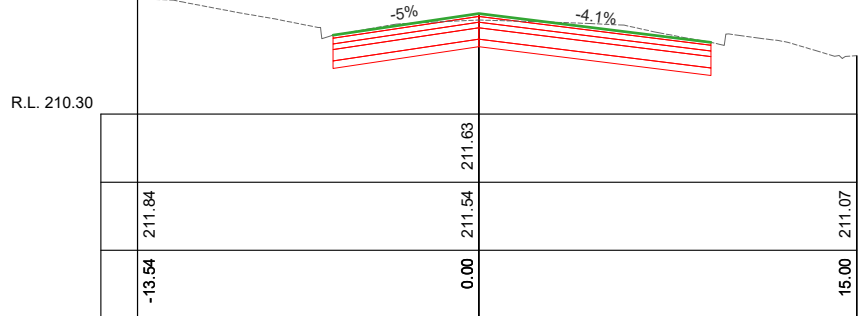
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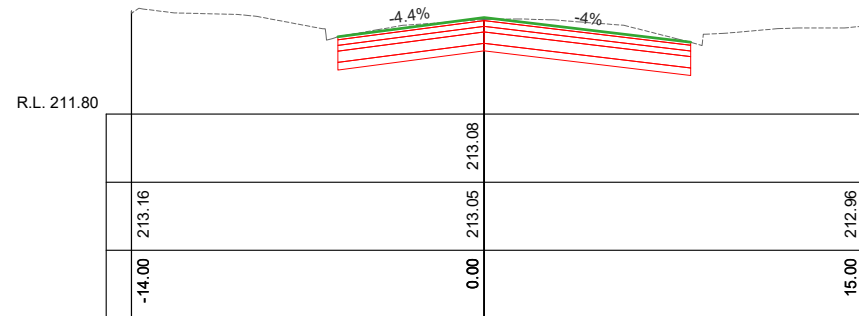
Ch 100.00



Ch 10.00



Ch 50.00



Ch 90.00

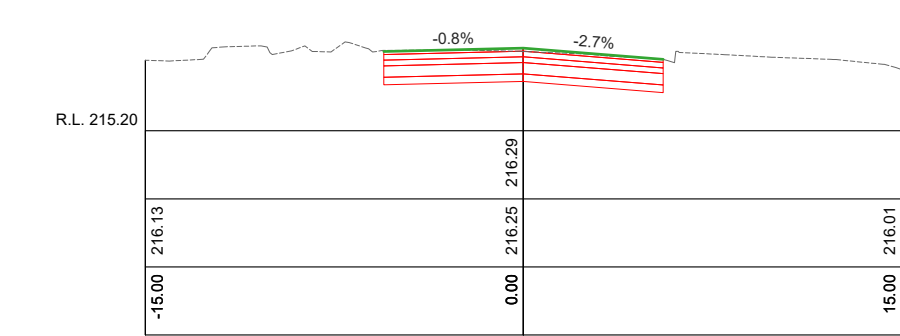
SCALES: H 1:300 V 1:100 (A3)



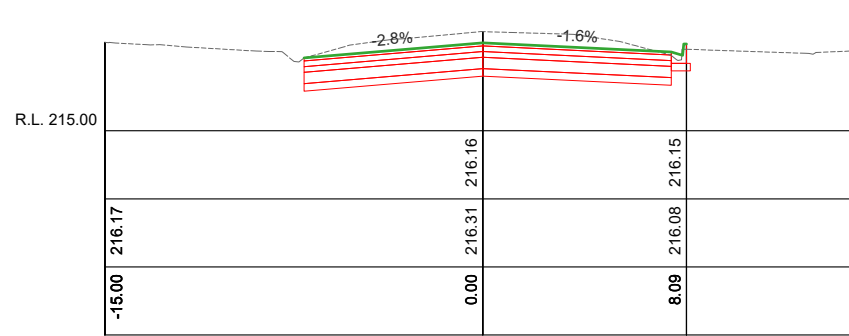
PROJECT DESIGN STATUS		
Surveyor:	H. WHYTOCK	20/12/22
Designer:	B. JANSSEN	05/07/23
Draft Checked:	A. SMITH	xx/xx/23
Tender Approved:	N. SARTORI	xx/xx/23
PRELIMINARY DESIGN DRAFT 3		

PROJECT DETAILS	
Location:	NOLAN STREET
Suburb:	BENDIGO
Works:	ROAD RECONSTRUCTION
GB No:	GB5085

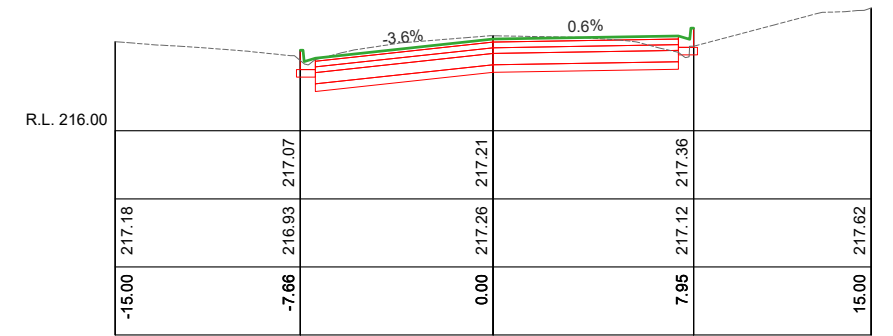
SHEET DETAILS			
CROSS SECTIONS	Sheet number: 15 of 18		
	Plan Scale: AS SHOWN		A3
	Plotted: 01/08/2023 By: Bayley Janssen		
SHEET REVISIONS AFTER TENDER			
Revision	Description	Approved by	Date
-	-	-	-
-	-	-	-



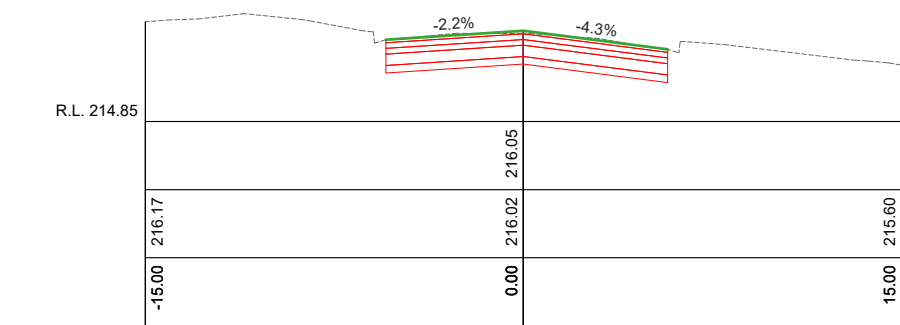
Ch 160.00



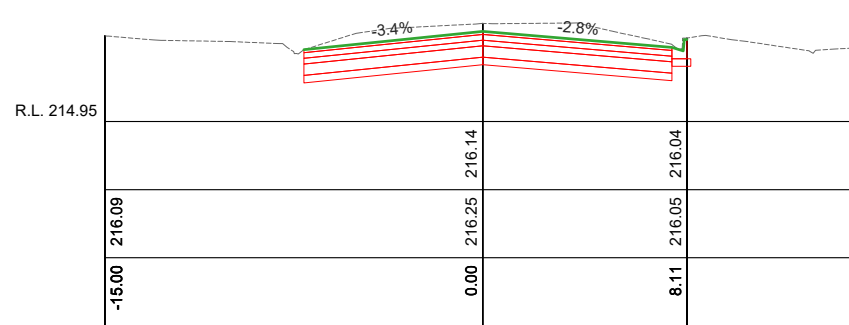
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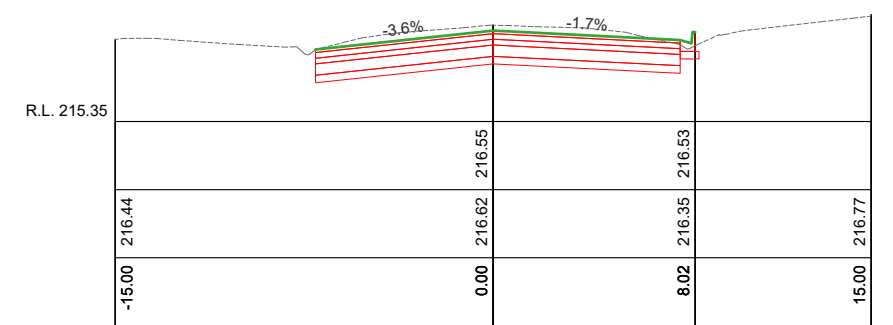
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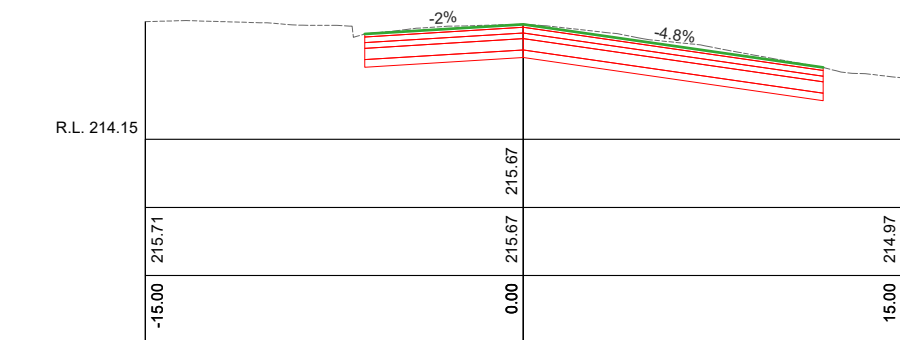
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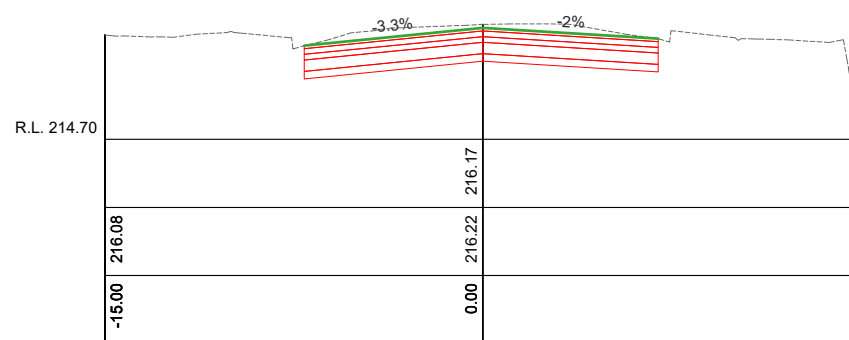
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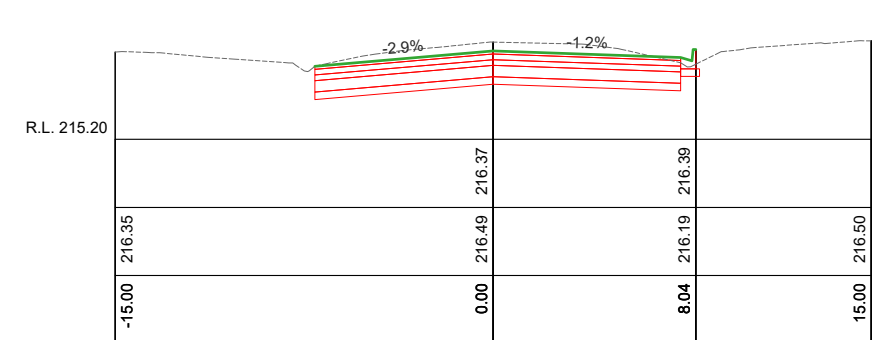
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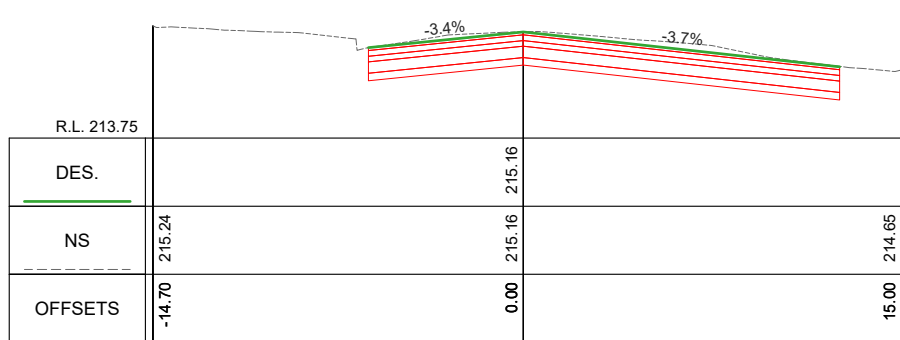
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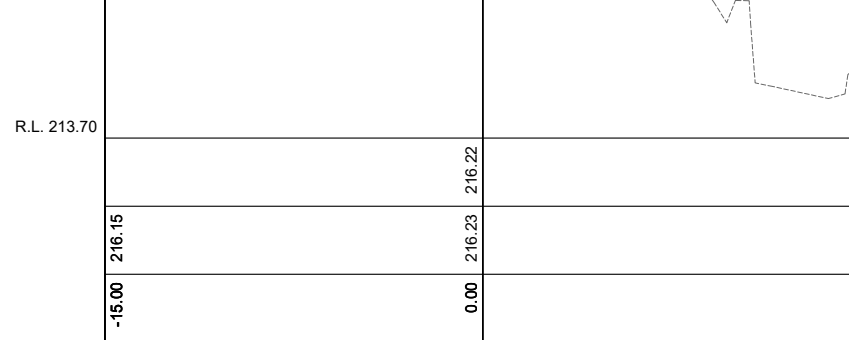
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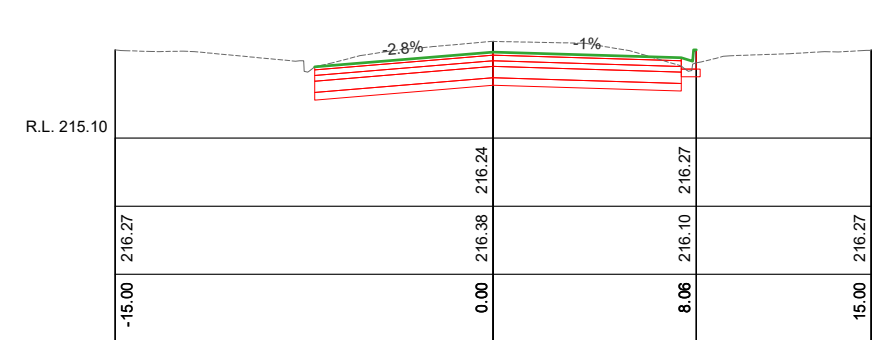
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Ch 130.00



Ch 190.00



Ch 230.00

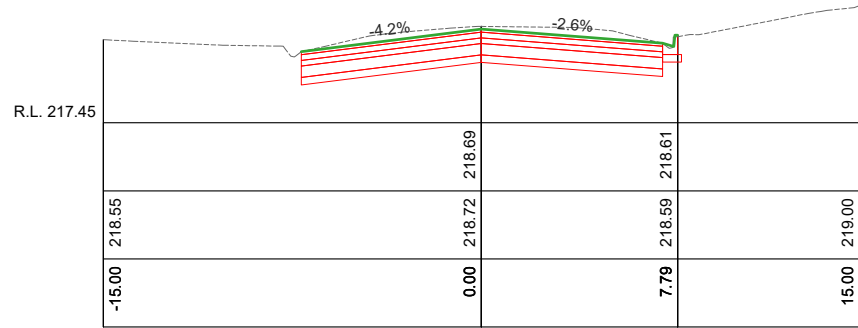
SCALES: H 1:300 V 1:100 (A3)



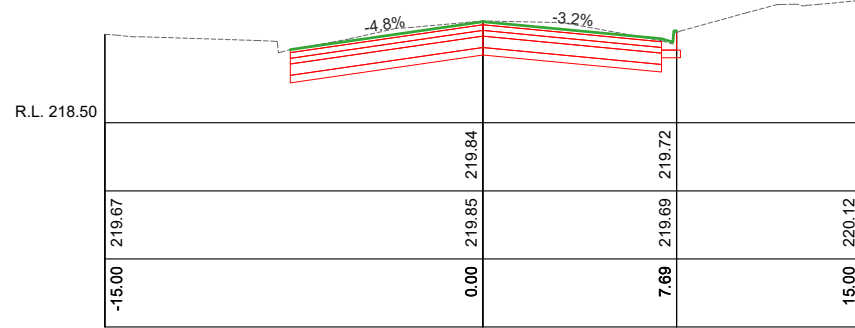
PROJECT DESIGN STATUS		
Surveyor:	H. WHYTOCK	20/12/22
Designer:	B. JANSSEN	05/07/23
Draft Checked:	A. SMITH	xx/xx/23
Tender Approved:	N. SARTORI	xx/xx/23
PRELIMINARY DESIGN DRAFT 3		

PROJECT DETAILS	
Location:	NOLAN STREET
Suburb:	BENDIGO
Works:	ROAD RECONSTRUCTION
GB No:	GB5085

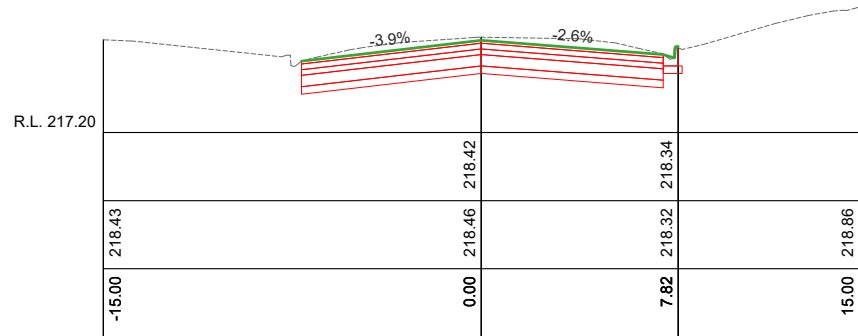
SHEET DETAILS			
CROSS SECTIONS		Sheet number: 16 of 18	
		Plan Scale: AS SHOWN	A3
		Plotted: 01/08/2023 By: Bayley Janssen	
SHEET REVISIONS AFTER TENDER			
Revision	Description	Approved by	Date
-	-	-	-
-	-	-	-



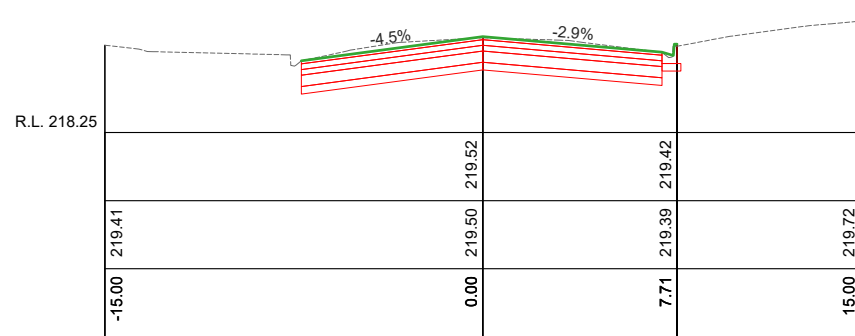
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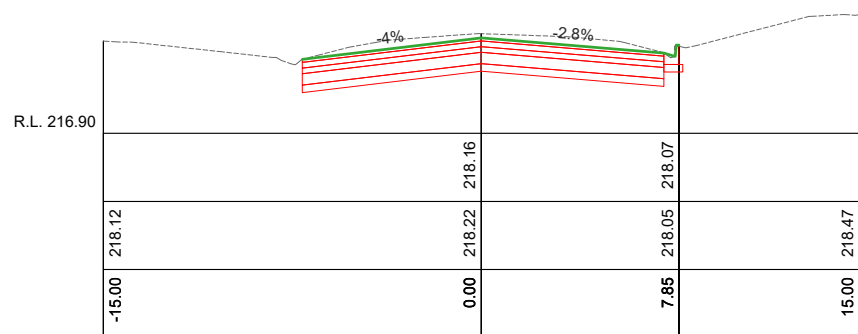
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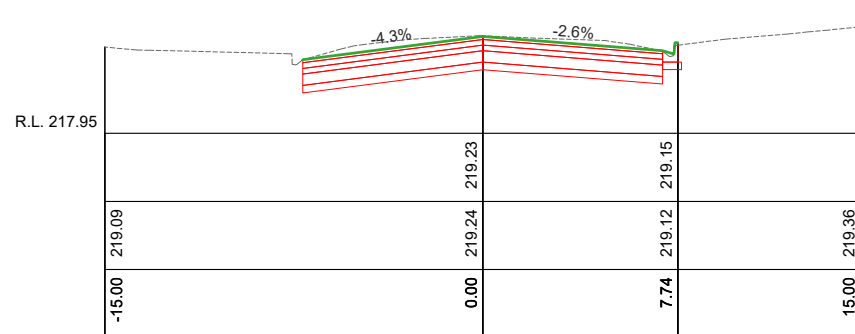
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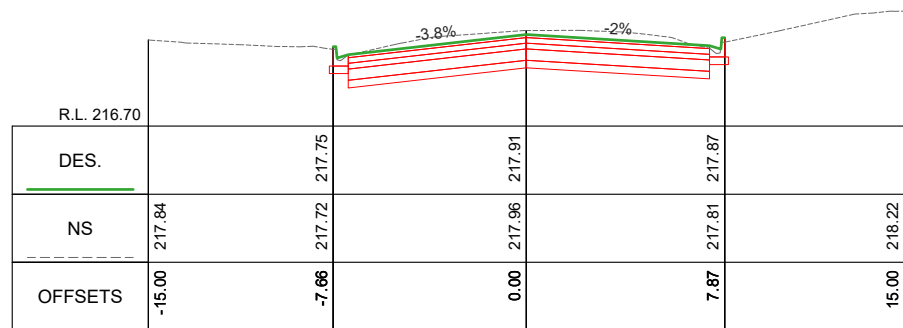
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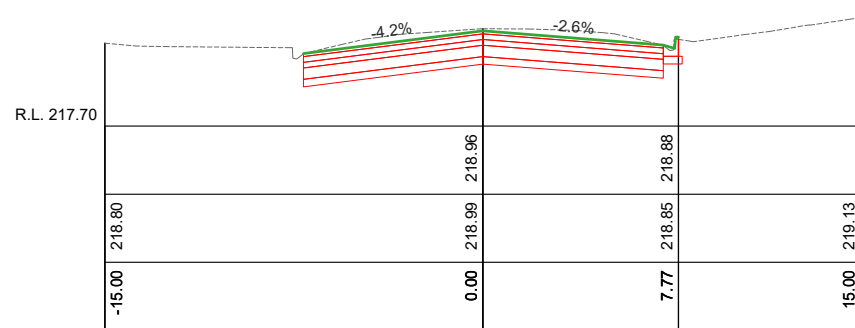
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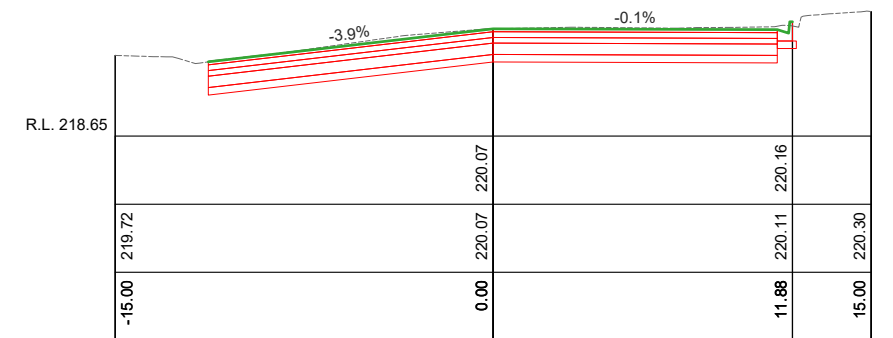
Ch 360.00



Ch 310.00



Ch 350.00



Ch 387.04

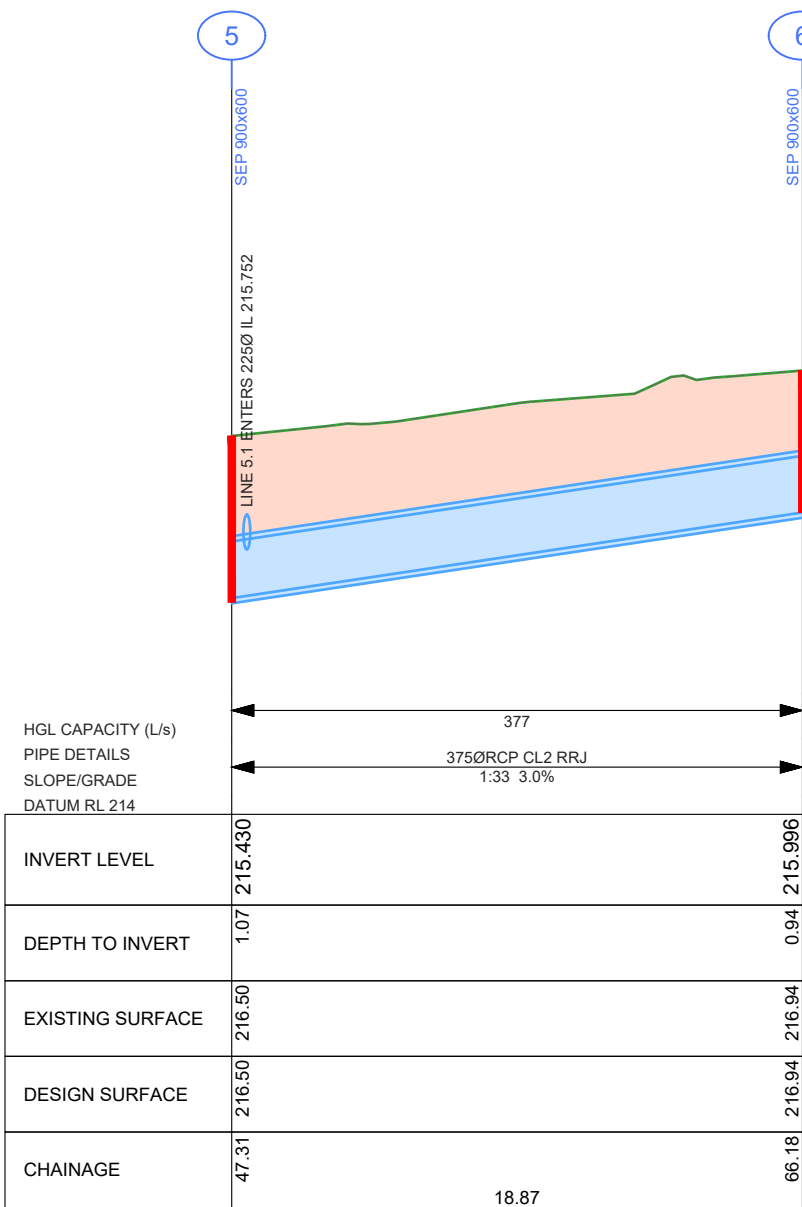
SCALES: H 1:300 V 1:100 (A3)



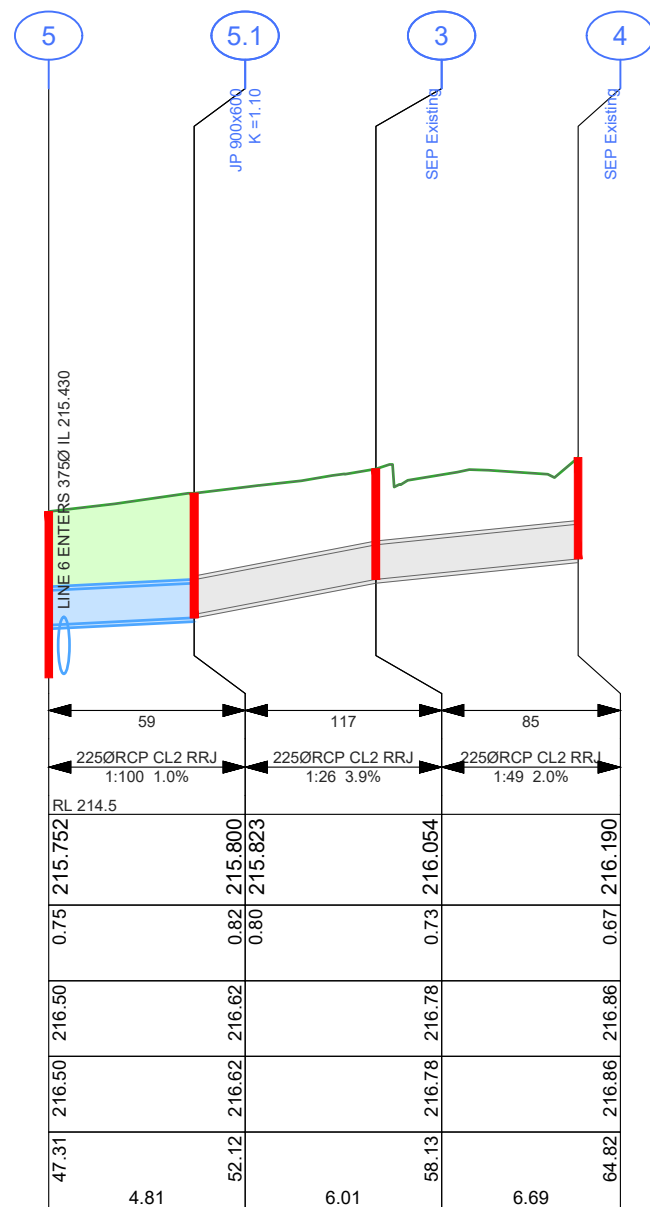
PROJECT DESIGN STATUS		
Surveyor:	H. WHYTOCK	20/12/22
Designer:	B. JANSSEN	05/07/23
Draft Checked:	A. SMITH	xx/xx/23
Tender Approved:	N. SARTORI	xx/xx/23
PRELIMINARY DESIGN DRAFT 3		

PROJECT DETAILS	
Location:	NOLAN STREET
Suburb:	BENDIGO
Works:	ROAD RECONSTRUCTION
GB No:	GB5085

SHEET DETAILS	
CROSS SECTIONS	Sheet number: 17 of 18
	Plan Scale: AS SHOWN A3
	Plotted: 01/08/2023 By: Bayley Janssen
SHEET REVISIONS AFTER TENDER	
Revision	Description
-	-
-	-
-	-



DRAINAGE LONGITUDINAL SECTION
SCALES: HORIZONTAL 1:250 VERTICAL 1:50



DRAINAGE LONGITUDINAL SECTION
SCALES: HORIZONTAL 1:250 VERTICAL 1:50

Pit Schedule

Pit No.	Pit Type	Standard Drawing or Comment	Pit Width	Pit Length	Outlet Diameter	Outlet Invert RL	Inlet Diameter	Inlet Invert RL	Pit Depth	Pit Lid Level
			(mm)	(mm)	(mm)	(m)	(mm)	(m)	(m)	(m)
1	Side Entry Pit	Replace Lid with Fibreglass Lid	600	900	300	-	300	-	-	-
2	Side Entry Pit	Replace Lid with Fibreglass Lid	600	900	225	-	300	-	-	-
3	Side Entry Pit	Reconstruct with Fibreglass Lid	600	900	225	216.054	225	216.054	0.730	216.784
4	Side Entry Pit	Reconstruct with Fibreglass Lid	600	900	225	216.190			0.670	216.860
5	Side Entry Pit	COGB SD590-A-D-G-T	600	900	375	215.403	375	215.430	1.100	216.503
							225	215.752		
5.1	Junction Pit	COGB SD590-A-D-L-T	600	900	225	215.800	225	215.823	0.824	216.624
6	Side Entry Pit	COGB SD590-A-D-G-T	600	900	375	215.996			0.939	216.935
7	Side Entry Pit	COGB SD590-A-D-K-U	600	900	375	-	-	-	-	217.621
8	Side Entry Pit	Replace Lid with Fibreglass Lid	600	900	525	-	-	-	-	-



CITY OF GREATER
BENDIGO

PROJECT DESIGN STATUS

Surveyor:	H. WHYTOCK	20/12/22
Designer:	B. JANSSEN	05/07/23
Draft Checked:	A. SMITH	xx/xx/23
Tender Approved:	N. SARTORI	xx/xx/23

**PRELIMINARY DESIGN
DRAFT 3**

PROJECT DETAILS

Location: **NOLAN STREET**

Suburb: **BENDIGO**

Works: **ROAD RECONSTRUCTION**

GB No: **GB5085**

SHEET DETAILS

DRAINAGE DETAILS

Sheet number: **18 of 18**

Plan Scale: **AS SHOWN** **A3**

Plotted: 01/08/2023 By: Bayley Janssen

SHEET REVISIONS AFTER TENDER

Revision	Description	Approved by	Date
-	-	-	-
-	-	-	-
-	-	-	-