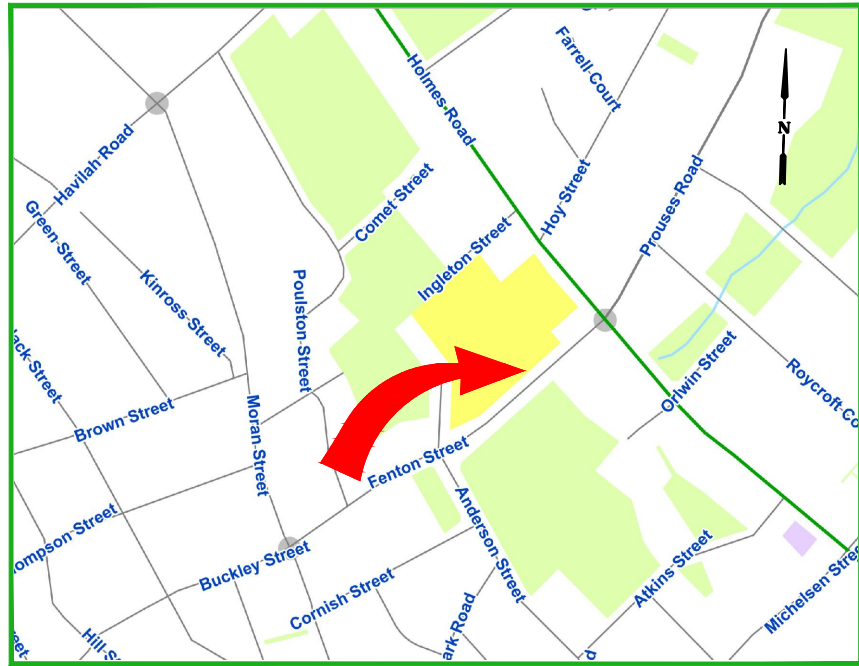


# FENTON STREET, NORTH BENDIGO

## GB5107

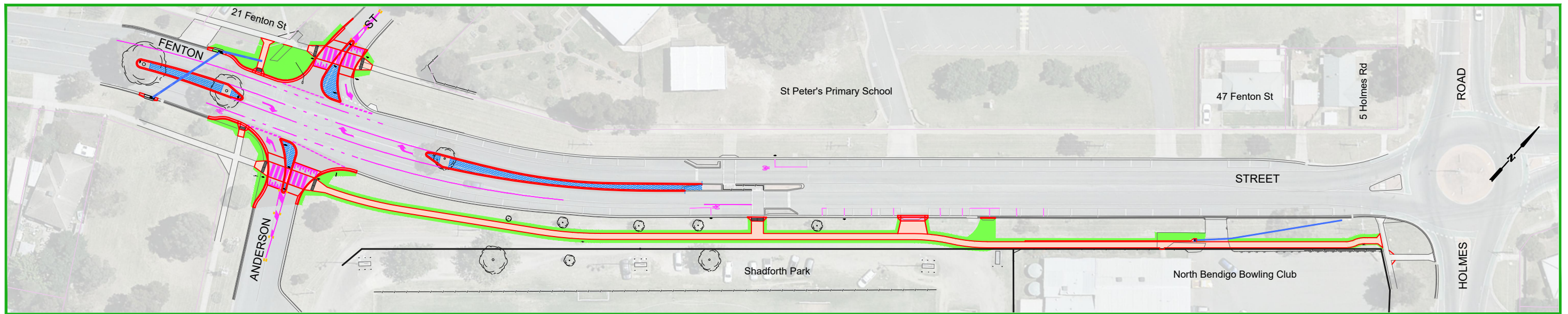
### BLACKSPOT PROJECT

MARCH 2024



LOCALITY MAP

DOCUMENT CONTROL				
SHEET No.	SHEETD ESC.	20/03/2024	xx/xx/xx	xx/xx/xx
		DRAFT REVISION	TENDER REVISION	CONSTRUCTION REVISION
1	COVER SHEET	A		
2	GENERAL NOTES	A		
3	DEMOLITION PLAN	A		
4	LAYOUT PLAN	A		
5	LAYOUT PLAN	A		
6	LAYOUT PLAN	A		
7	LAYOUT PLAN	A		
8	RAMP CONTOURS	A		
9	SIGNAGE AND LINEMARKING	A		
10	LONGITUDINAL SECTION - Footpath	A		
11	LONGITUDINAL SECTION - Footpath	A		
12	LONGITUDINAL SECTION - Kerb	A		
13	CROSS SECTIONS	A		
14	CROSS SECTIONS	A		
15	DRAINAGE	A		
16	SETOUT	A		



PROJECT EXTENTS

APPROVAL TO CONSTRUCT STAMP	PROJECT PLANNING REQUIREMENTS	CITY OF GREATER BENDIGO	PROJECT DESIGN STATUS	PROJECT DETAILS	SHEET DETAILS																																																															
DO NOT CONSTRUCT WITHOUT STAMP	<table border="1"> <thead> <tr> <th>Item</th> <th>Required</th> <th>Comments</th> <th>Contractor</th> </tr> </thead> <tbody> <tr> <td>Vegetation</td> <td>No</td> <td>-</td> <td></td> </tr> <tr> <td>RRV</td> <td>No</td> <td>-</td> <td></td> </tr> <tr> <td>CMA</td> <td>No</td> <td>-</td> <td></td> </tr> <tr> <td>Planning Permit</td> <td>No</td> <td>-</td> <td></td> </tr> <tr> <td>Land Acquisition</td> <td>No</td> <td>-</td> <td></td> </tr> <tr> <td>CHMP</td> <td>No</td> <td>-</td> <td></td> </tr> <tr> <td>Other</td> <td>No</td> <td>-</td> <td></td> </tr> </tbody> </table>		Item	Required	Comments	Contractor	Vegetation	No	-		RRV	No	-		CMA	No	-		Planning Permit	No	-		Land Acquisition	No	-		CHMP	No	-		Other	No	-		<table border="1"> <tbody> <tr> <td>Surveyor:</td> <td>H. Withlock</td> <td>28/09/23</td> </tr> <tr> <td>Designer:</td> <td>I. Frost</td> <td>05/01/24</td> </tr> <tr> <td>Draft Checked:</td> <td>A. Smith</td> <td>xx/xx/24</td> </tr> <tr> <td>Tender Approved:</td> <td>N. Sartori</td> <td>xx/xx/24</td> </tr> </tbody> </table>	Surveyor:	H. Withlock	28/09/23	Designer:	I. Frost	05/01/24	Draft Checked:	A. Smith	xx/xx/24	Tender Approved:	N. Sartori	xx/xx/24	<p>Location: FENTON STREET</p> <p>Suburb: NORTH BENDIGO</p> <p>Works: INTERSECTION UPGRADE</p> <p>GB No: GB5107</p>	<p>COVER SHEET</p> <p>Sheet number: 1 of 15</p> <p>Plan Scale: - A3</p> <p>Plotted: 21/03/2024 By: Ian Frost</p> <table border="1"> <thead> <tr> <th colspan="2">SHEET REVISIONS AFTER TENDER</th> <th>Approved by</th> <th>Date</th> </tr> <tr> <th>Revision</th> <th>Description</th> <th></th> <th></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>	SHEET REVISIONS AFTER TENDER		Approved by	Date	Revision	Description			-	-	-	-	-	-	-	-	-	-	-
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			<b>PRELIMINARY DESIGN DRAFT 5</b>																																																																	

**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**

- 201 Site Clearing
- 204 Earthworks
- 205 Rock Fill

**FLEXIBLE PAVEMENTS**

- 304 Unbound Flexible Pavement Construction
- 306 Cementitious Treated Pavement Subbase
- 307 In Situ Stabilisation of Pavements with Cementitious Binders
- 310 Preparation of Granular Pavements for Bituminous Surfacing

**ASPHALT AND SURFACE TREATMENTS**

- 402 Removal of Pavement by Cold Planing (profiling)
- 407 Dense Graded Asphalt
- 408 Sprayed Bituminous Surfacing

**INCIDENTAL CONSTRUCTION**

- 701 Underground Stormwater Drains
- 703 General Concrete Paving
- 704 Precast Concrete Kerb
- 705 Drainage Pits and Covers
- 707 Fencing
- 709 Guide Posts
- 710 Fixing Raised Pavement Markers
- 713 Beaching
- 714 Sign Installation
- 721 Pavement Markings
- 731 Road Lighting 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. consultants 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	Comments	Contractor
Vegetation	No	-	
RRV	No	-	
CMA	No	-	
Planning Permit	No	-	
Land Acquisition	No	-	
CHMP	No	-	
Other	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

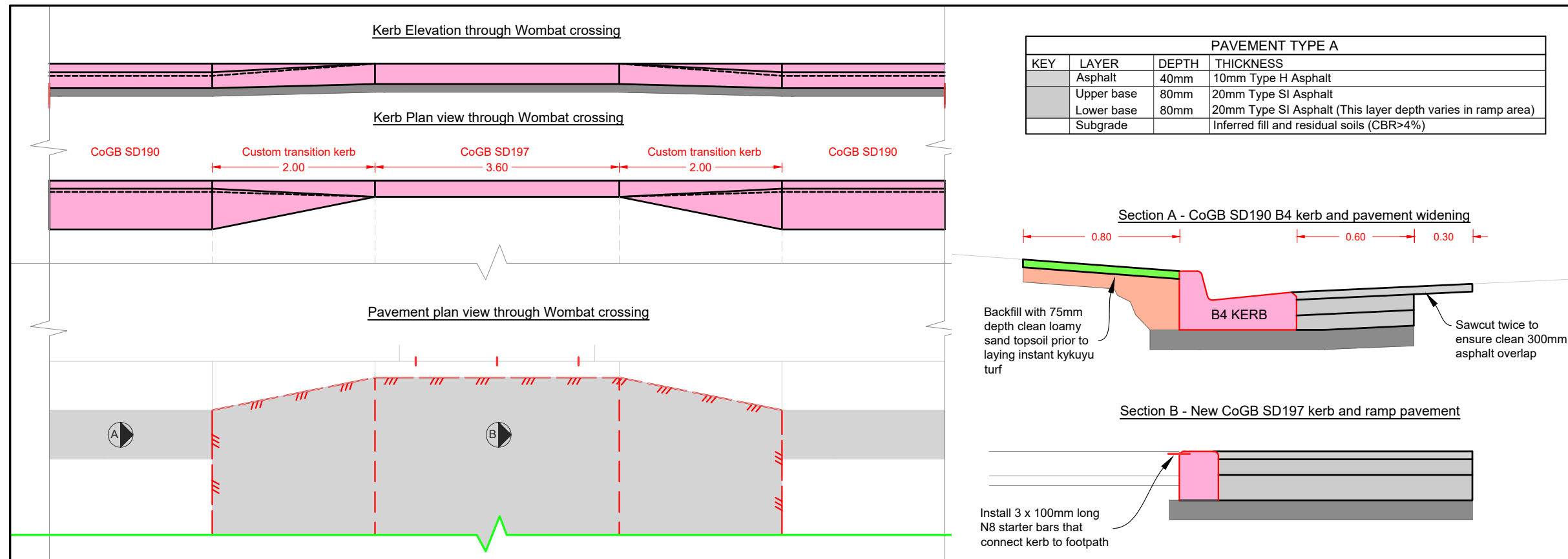
**SITE ENVIRONMENTAL MANAGEMENT PLAN**

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.



**DIAL 1100 BEFORE YOU DIG**

**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.

**SURVEY NOTES**  
Survey has been conducted to:

- MGA 2020 and orientated via PM1118 & PM854
- Survey level has been tied to AHD via PM1118, PM1115 & PM854
- Co-ordinates have been centred on 901

**CITY OF GREATER BENDIGO**

**PROJECT DESIGN STATUS**

Surveyor:	H. Withlock	28/09/23
Designer:	I. Frost	05/01/24
Draft Checked:	A. Smith	xx/xx/24
Tender Approved:	N. Sartori	xx/xx/24

**PRELIMINARY DESIGN DRAFT 5**

**PROJECT DETAILS**

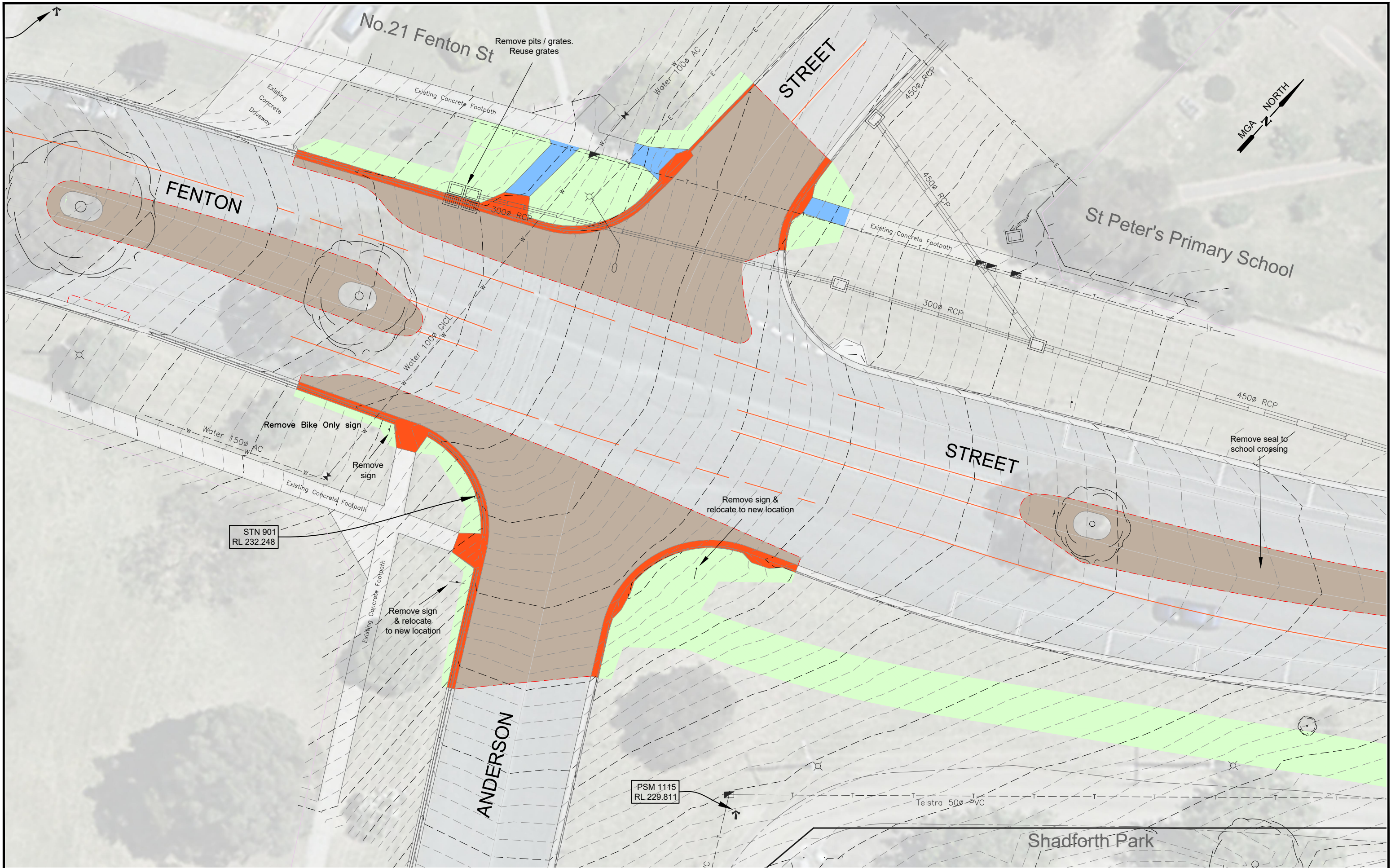
Location: FENTON STREET  
Suburb: NORTH BENDIGO  
Works: INTERSECTION UPGRADE  
GB No: GB5107

**SHEET DETAILS**

Sheet number: 2 of 15  
Plan Scale: -  
Plotted: 21/03/2024 By: Ian Frost

**GENERAL NOTES**

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



LEGEND

- Removal: Pavement
- Removal: Asphalt
- Removal: Kerb
- Removal: Grass
- Removal: Concrete
- Removal: Linemarking
- Removal: Sawcut
- Removal: Pipe
- X Removal: Tree



PROJECT DESIGN STATUS		
Surveyor:	H. Withlock	28/09/23
Designer:	I. Frost	05/01/24
Draft Checked:	A. Smith	xx/xx/24
Tender Approved:	N. Sartori	xx/xx/24

PRELIMINARY DESIGN  
DRAFT 5

PROJECT DETAILS	
Location:	FENTON STREET
Suburb:	NORTH BENDIGO
Works:	INTERSECTION UPGRADE
GB No:	GB5107

SHEET DETAILS			
<b>DEMOLITION PLAN</b>		Sheet number: <b>3 of 15</b>	
		Plan Scale: 1:250	
		A3	
Plotted: 21/03/2024 By: Ian Frost			
SHEET REVISIONS AFTER TENDER			
Revision	Description	Approved by	Date
-	-	-	-
-	-	-	-
-	-	-	-

PSM 1118  
RL 234.900

No.21 Fenton St

Realign existing precast kerb (3m) to match proposed kerb

Extend 300 RCP from end of pipe to Pit 3



St Peter's Primary School

FENTON

STREET

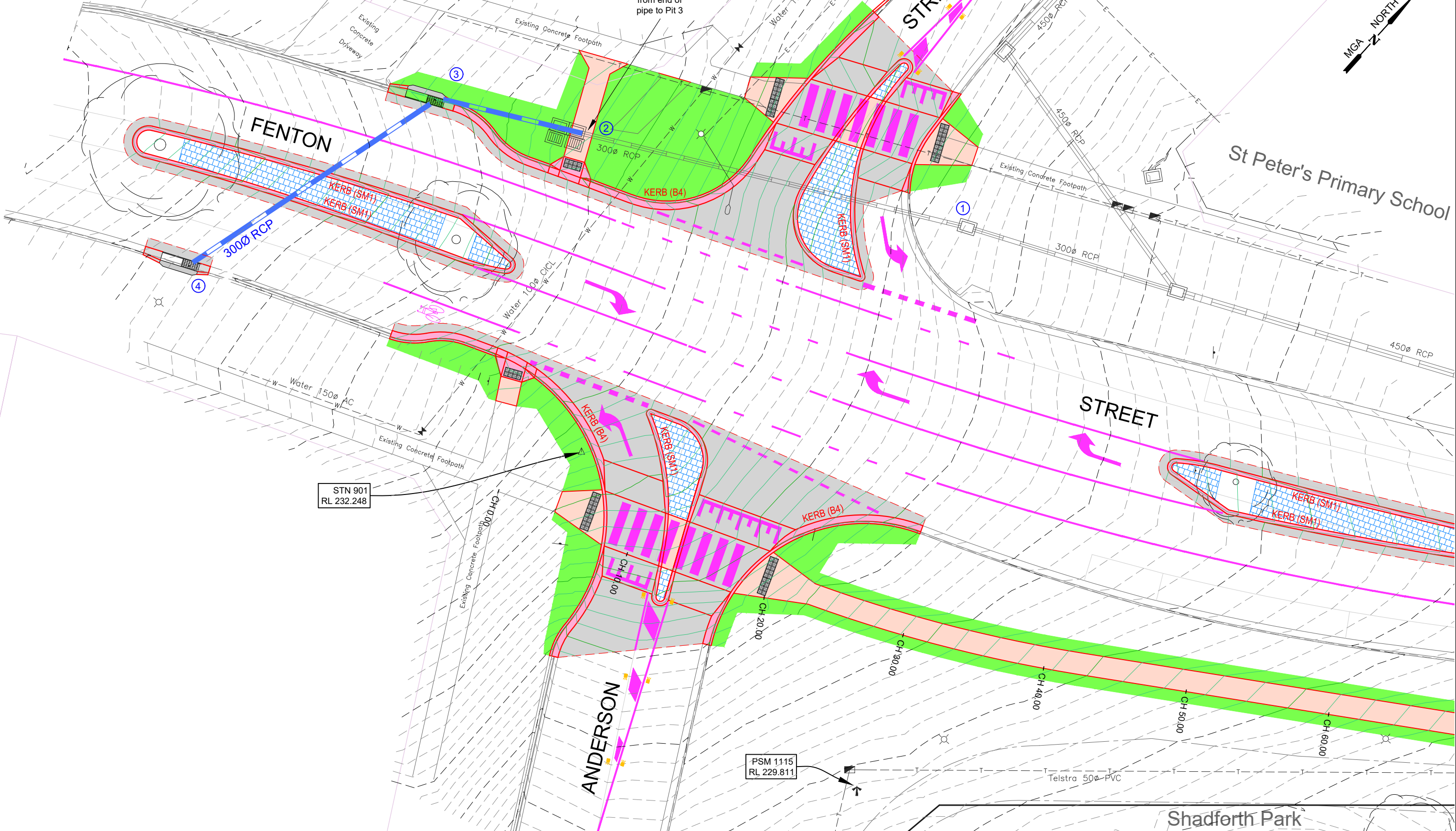
STREET

ANDERSON

Shadforth Park

STN 901  
RL 232.248

PSM 1115  
RL 229.811



LEGEND

- DESIGN CONTOURS  
- Levels to AHD (0.10m interval)
- EXISTING CONTOURS  
- Levels to AHD (0.10m interval)
- Proposed Street Tree  
(Refer: Typical details pg 2)
- DESIGN SEAL:  
(Refer: Typical road pavement detail.)
- Concrete Kerb area: Normal plain  
Kerb as noted and as per: IDM SD100,  
CoGB SD190,191,192
- Concrete Footpath area: Normal plain  
Footpath as per IDM SD 205 & SD210
- Concrete Driveway area: Normal plain  
Dwy as per IDM SD240
- Concrete Driveway area: Industrial plain  
Dwy as per IDM SD250
- Concrete slab area: Stenciled infill  
Slab as per IDM SD205 & 210  
Stencil: Cobble in Charcoal, clear sealant
- Landscape work: Instant turf  
(Refer: Typical details pg 2)
- Landscape work: topsoil and seed  
(Refer: Typical details pg 2)
- Landscape work: Mulched areas  
(Refer: Typical details pg 2)



PROJECT DESIGN STATUS		
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Designer:	I. Frost	05/01/24
Draft Checked:	A. Smith	xx/xx/24
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<b>PRELIMINARY DESIGN</b>		
<b>DRAFT 5</b>		

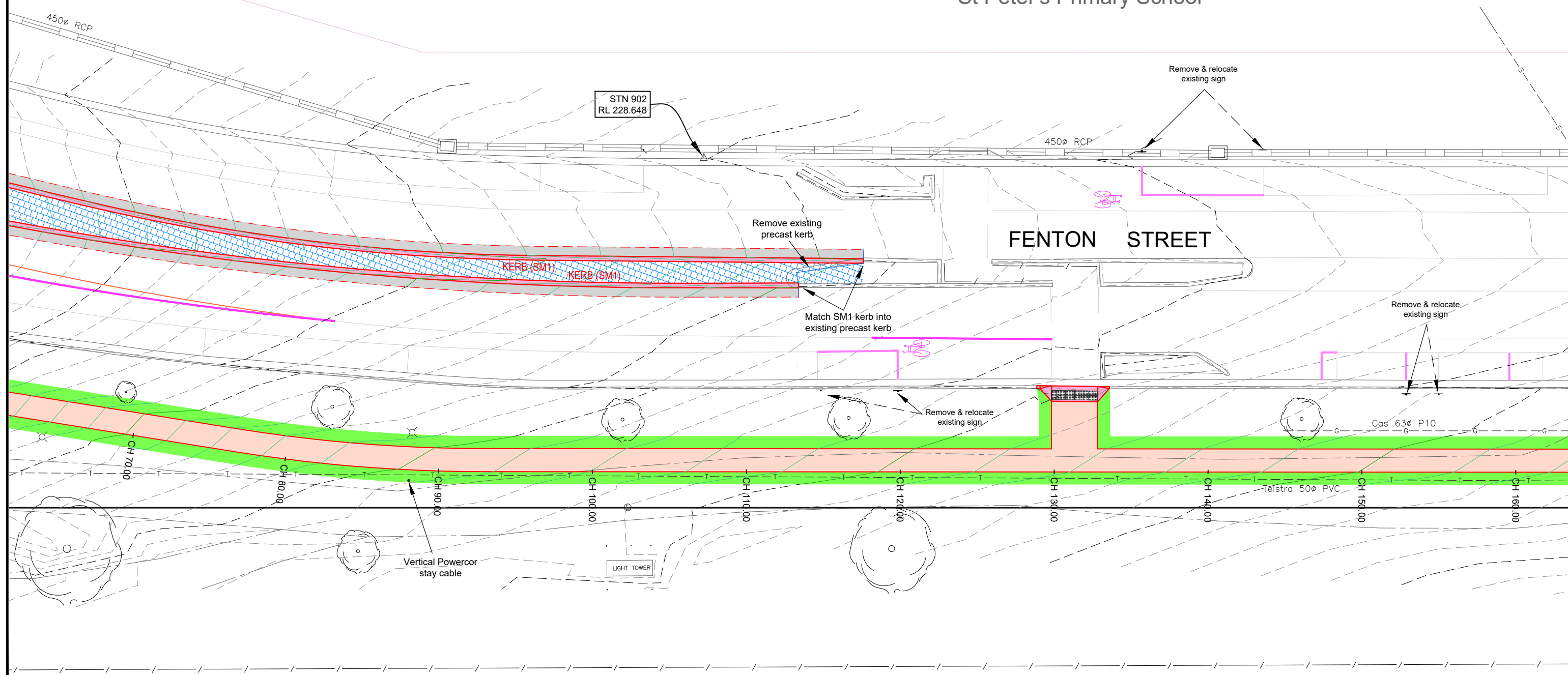
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Location:	FENTON STREET
Suburb:	NORTH BENDIGO
Works:	INTERSECTION UPGRADE
GB No:	GB5107

SHEET DETAILS			
<b>LAYOUT PLAN</b>		Sheet number:	4 of 15
		Plan Scale:	1:250
		Plotted:	21/03/2024 By: Ian Frost
SHEET REVISIONS AFTER TENDER			
Revision	Description	Approved by	Date
-	-	-	-
-	-	-	-
-	-	-	-

Primary School



# St Peter's Primary School



Shadforth Park

**LEGEND**

- DESIGN CONTOURS  
- Levels to AHD (0.10m interval)
- EXISTING CONTOURS  
- Levels to AHD (0.10m interval)
- Proposed Street Tree  
(Refer: Typical details pg 2)
- DESIGN SEAL:  
(Refer: Typical road pavement detail.)
- Concrete Kerb area: Normal plain  
Kerb as noted and as per: IDM SD100,  
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Footpath as per IDM SD 205 & SD210
- Concrete Driveway area: Normal plain  
Dwy as per IDM SD240
- Concrete Driveway area: Industrial plain  
Dwy as per IDM SD250
- Concrete slab area: Stenciled infill  
Slab as per IDM SD205 & 210  
Stencil: Cobble in Charcoal, clear sealant
- Landscape work: Instant turf  
(Refer: Typical details pg 2)
- Landscape work: topsoil and seed  
(Refer: Typical details pg 2)
- Landscape work: Mulched areas  
(Refer: Typical details pg 2)

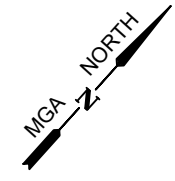


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**PRELIMINARY DESIGN**  
**DRAFT 5**

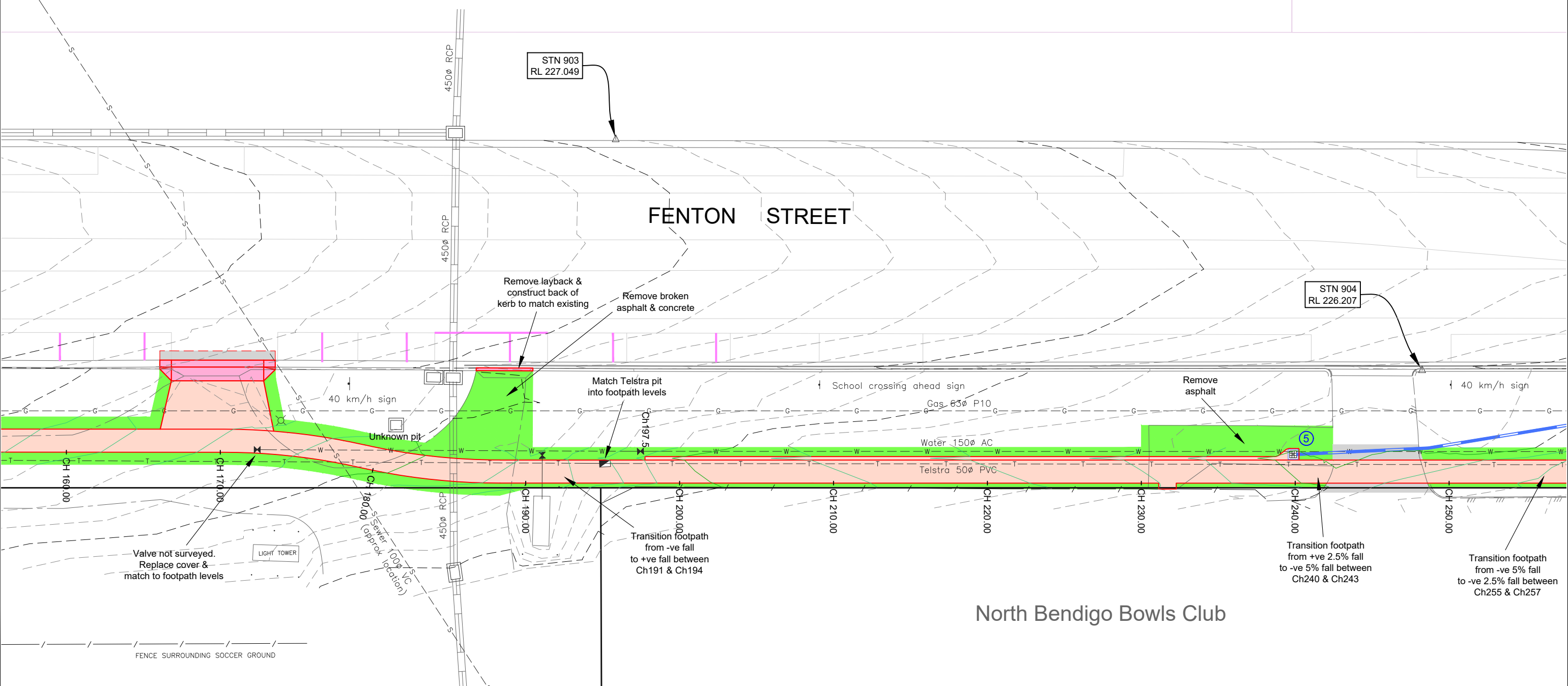
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Location:	FENTON STREET
Suburb:	NORTH BENDIGO
Works:	INTERSECTION UPGRADE
GB No:	GB5107

SHEET DETAILS			
<b>LAYOUT PLAN</b>		Sheet number:	5 of 15
		Plan Scale:	1:250
		Plotted:	21/03/2024 By: Ian Frost
<b>SHEET REVISIONS AFTER TENDER</b>			
Revision	Description	Approved by	Date
-	-	-	-
-	-	-	-
-	-	-	-



St Peter's Primary School

No.47 Fenton St



**LEGEND**

DESIGN CONTOURS - Levels to AHD (0.10m interval)	DESIGN SEAL: (Refer: Typical road pavement detail.)	Concrete Driveway area: Normal plain Dwy as per IDM SD240	Landscape work: Instant turf (Refer: Typical details pg 2)
EXISTING CONTOURS - Levels to AHD (0.10m interval)	Concrete Kerb area: Normal plain Kerb as noted and as per: IDM SD100, CoGB SD190,191,192	Concrete Driveway area: Industrial plain Dwy as per IDM SD250	Landscape work: topsoil and seed (Refer: Typical details pg 2)
Proposed Street Tree (Refer: Typical details pg 2)	Concrete Footpath area: Normal plain Footpath as per IDM SD 205 & SD210	Concrete slab area: Stenciled infill Slab as per IDM SD205 & 210 Stencil: Cobble in Charcoal, clear sealant	Landscape work: Mulched areas (Refer: Typical details pg 2)



**PROJECT DESIGN STATUS**

Surveyor:	H. Withlock	28/09/23
Designer:	I. Frost	05/01/24
Draft Checked:	A. Smith	xx/xx/24
Tender Approved:	N. Sartori	xx/xx/24

**PRELIMINARY DESIGN  
DRAFT 5**

**PROJECT DETAILS**

Location: FENTON STREET  
Suburb: NORTH BENDIGO  
Works: INTERSECTION UPGRADE  
GB No: GB5107

**SHEET DETAILS**

Sheet number: 6 of 15  
Plan Scale: 1:250  
A3  
Plotted: 21/03/2024 By: Ian Frost

**LAYOUT PLAN**

SHEET REVISIONS AFTER TENDER		Approved by		Date	
Revision	Description				
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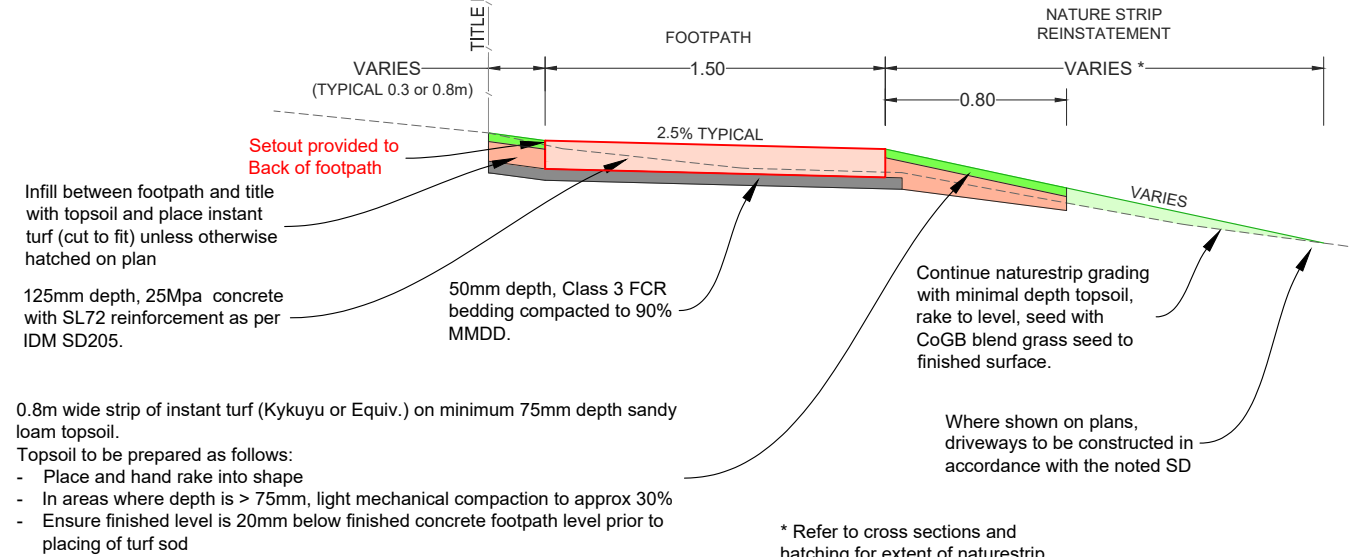
No.47 Fenton St

No.5 Holmes Rd



ROAD

**TYPICAL FOOTPATH SECTION**  
NOT TO SCALE

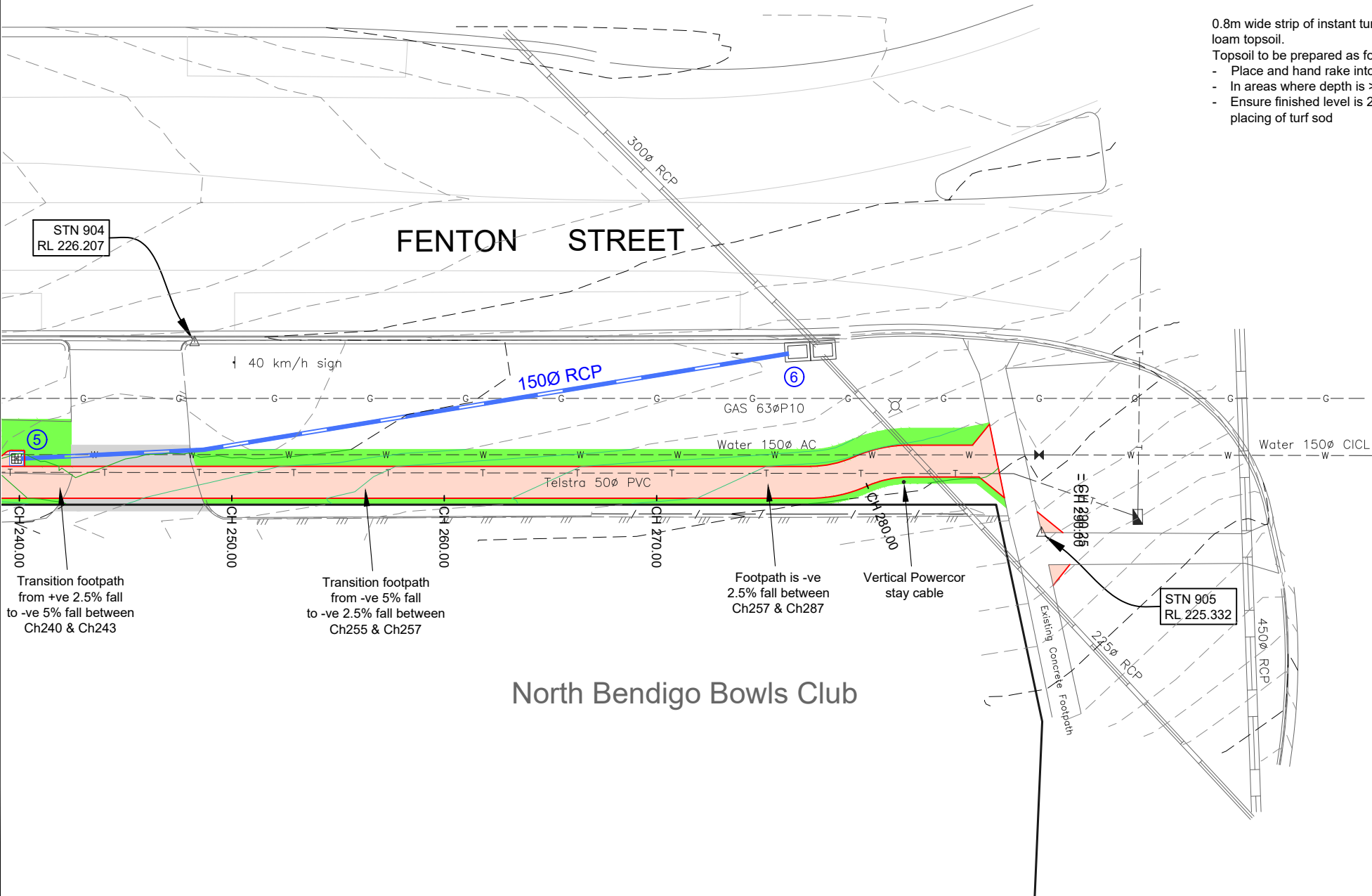


FENTON STREET

PROUSES ROAD

HOLMES

North Bendigo Bowls Club



LEGEND

DESIGN CONTOURS - Levels to AHD (0.10m interval)	DESIGN SEAL: (Refer: Typical road pavement detail.)	Concrete Driveway area: Normal plain Dwy as per IDM SD240	Landscape work: Instant turf (Refer: Typical details pg 2)
EXISTING CONTOURS - Levels to AHD (0.10m interval)	Concrete Kerb area: Normal plain Kerb as noted and as per: IDM SD100, CoGB SD190,191,192	Concrete Driveway area: Industrial plain Dwy as per IDM SD250	Landscape work: topsoil and seed (Refer: Typical details pg 2)
Proposed Street Tree (Refer: Typical details pg 2)	Concrete Footpath area: Normal plain Footpath as per IDM SD 205 & SD210	Concrete slab area: Stenciled infill Slab as per IDM SD205 & 210 Stencil: Cobble in Charcoal, clear sealant	Landscape work: Mulched areas (Refer: Typical details pg 2)



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<b>PRELIMINARY DESIGN</b> <b>DRAFT 5</b>		

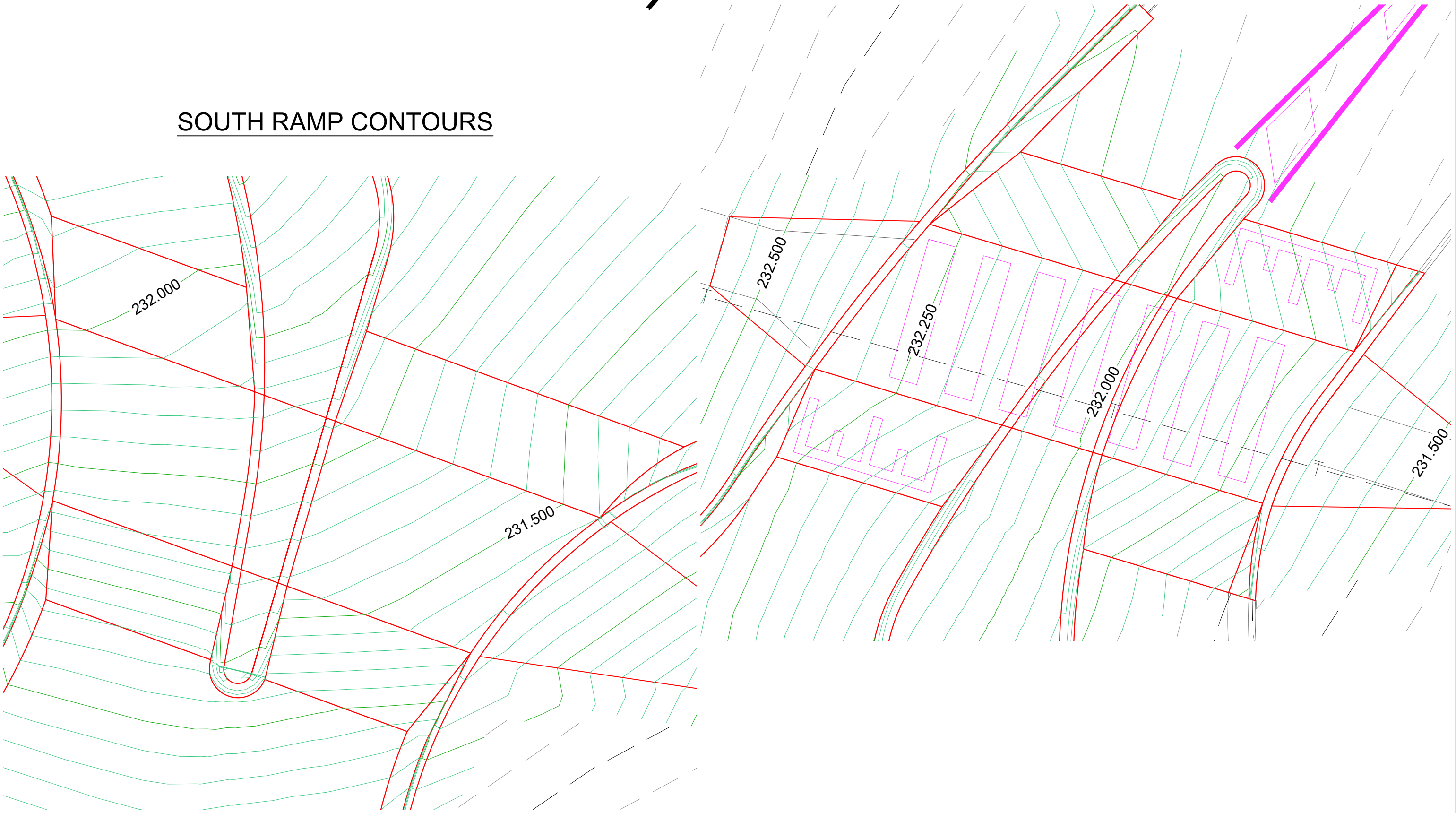
PROJECT DETAILS	
Location:	FENTON STREET
Suburb:	NORTH BENDIGO
Works:	INTERSECTION UPGRADE
GB No:	GB5107

SHEET DETAILS			
<b>LAYOUT PLAN</b>		Sheet number:	7 of 15
		Plan Scale:	1:250
		Plotted:	21/03/2024 By: Ian Frost
SHEET REVISIONS AFTER TENDER			
Revision	Description	Approved by	Date
-	-	-	-
-	-	-	-
-	-	-	-



# NORTH RAMP CONTOURS

# SOUTH RAMP CONTOURS



PROJECT DESIGN STATUS		
Surveyor:	H. Withlock	28/09/23
Designer:	I. Frost	05/01/24
Draft Checked:	A. Smith	xx/xx/24
Tender Approved:	N. Sartori	xx/xx/24

**PRELIMINARY DESIGN  
DRAFT 5**

PROJECT DETAILS	
Location:	FENTON STREET
Suburb:	NORTH BENDIGO
Works:	INTERSECTION UPGRADE
GB No:	GB5107

SHEET DETAILS			
RAMP CONTOURS		Sheet number:	8 of 15
		Plan Scale:	1:75
		Plotted:	21/03/2024 By: Ian Frost
SHEET REVISIONS AFTER TENDER			
Revision	Description	Approved by	Date
-	-	-	-
-	-	-	-
-	-	-	-



PSM 1118  
RL 234.900



No.21 Fenton St

STREET

St Peter's Primary School

FENTON

STREET

ANDERSON

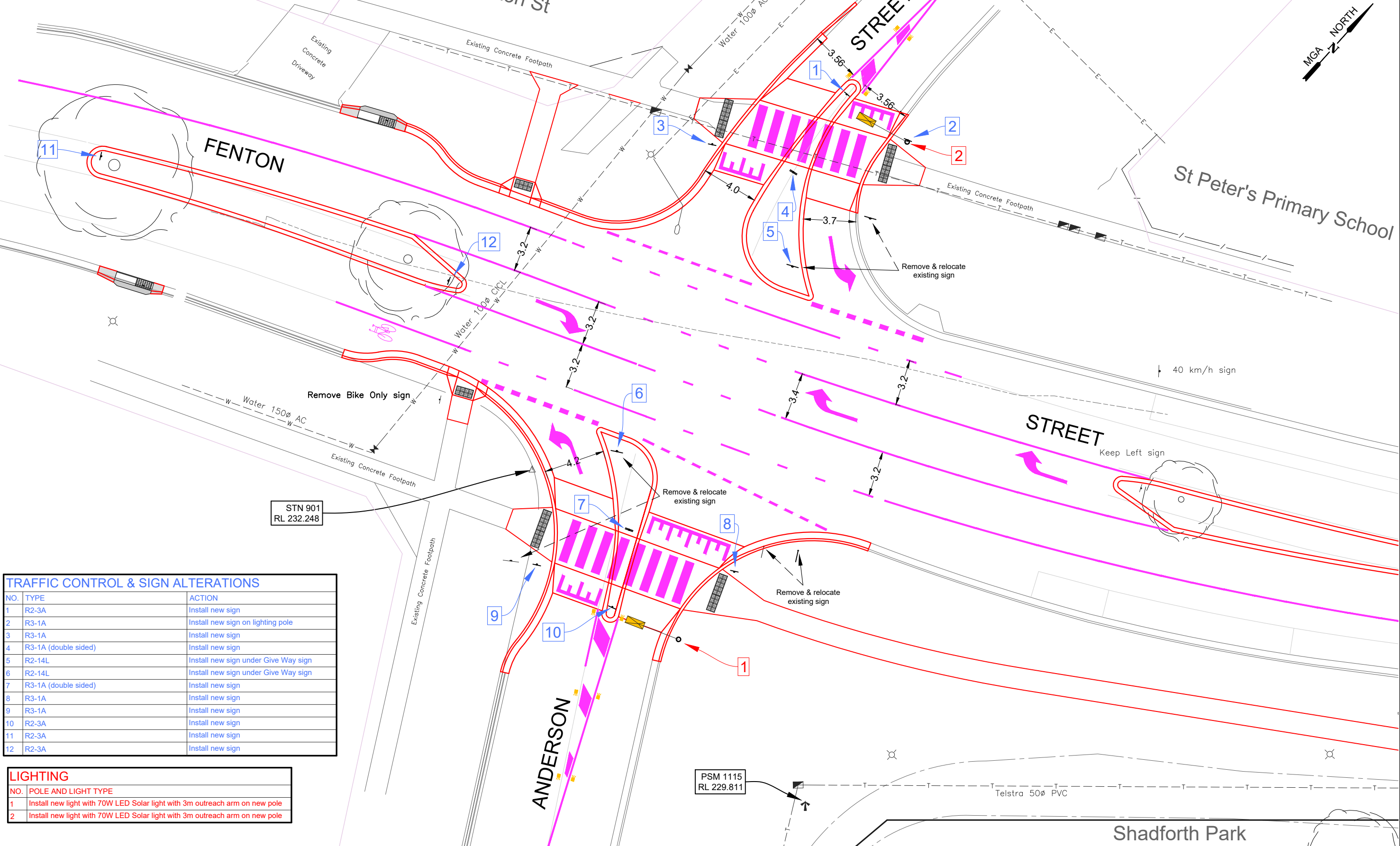
Shadforth Park

TRAFFIC CONTROL & SIGN ALTERATIONS		
NO.	TYPE	ACTION
1	R2-3A	Install new sign
2	R3-1A	Install new sign on lighting pole
3	R3-1A	Install new sign
4	R3-1A (double sided)	Install new sign
5	R2-14L	Install new sign under Give Way sign
6	R2-14L	Install new sign under Give Way sign
7	R3-1A (double sided)	Install new sign
8	R3-1A	Install new sign
9	R3-1A	Install new sign
10	R2-3A	Install new sign
11	R2-3A	Install new sign
12	R2-3A	Install new sign

LIGHTING	
NO.	POLE AND LIGHT TYPE
1	Install new light with 70W LED Solar light with 3m outreach arm on new pole
2	Install new light with 70W LED Solar light with 3m outreach arm on new pole

STN 901  
RL 232.248

PSM 1115  
RL 229.811

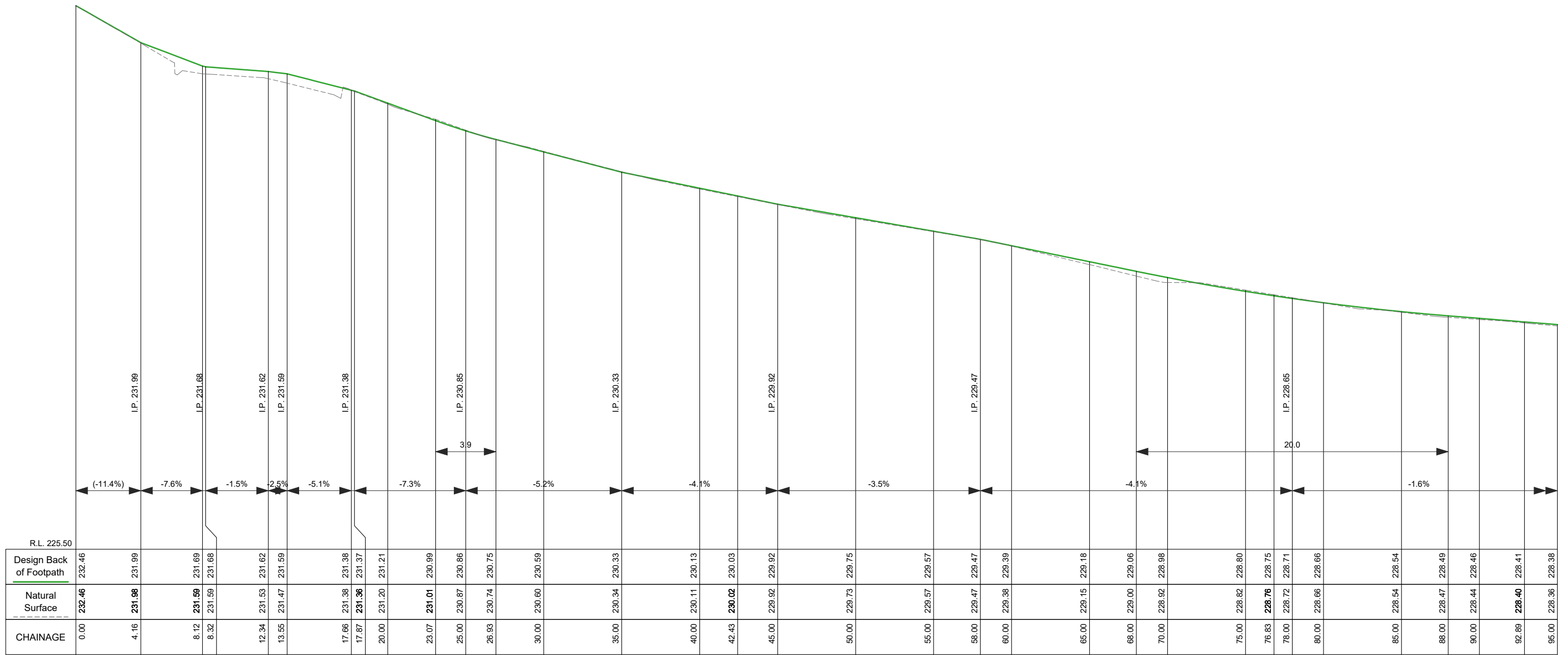


PROJECT DESIGN STATUS		
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Designer:	I. Frost	05/01/24
Draft Checked:	A. Smith	xx/xx/24
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**PRELIMINARY DESIGN  
DRAFT 5**

PROJECT DETAILS	
Location:	FENTON STREET
Suburb:	NORTH BENDIGO
Works:	INTERSECTION UPGRADE
GB No:	GB5107

SHEET DETAILS			
SIGNAGE AND LINEMARKING		Sheet number:	9 of 15
		Plan Scale:	1:250
		Plotted:	21/03/2024 By: Ian Frost
SHEET REVISIONS AFTER TENDER			
Revision	Description	Approved by	Date
-	-	-	-
-	-	-	-
-	-	-	-



CITY OF GREATER BENDIGO

PROJECT DESIGN STATUS

Surveyor:	H. Withlock	28/09/23
Designer:	I. Frost	05/01/24
Draft Checked:	A. Smith	xx/xx/24
Tender Approved:	N. Sartori	xx/xx/24

**PRELIMINARY DESIGN**  
**DRAFT 5**

PROJECT DETAILS

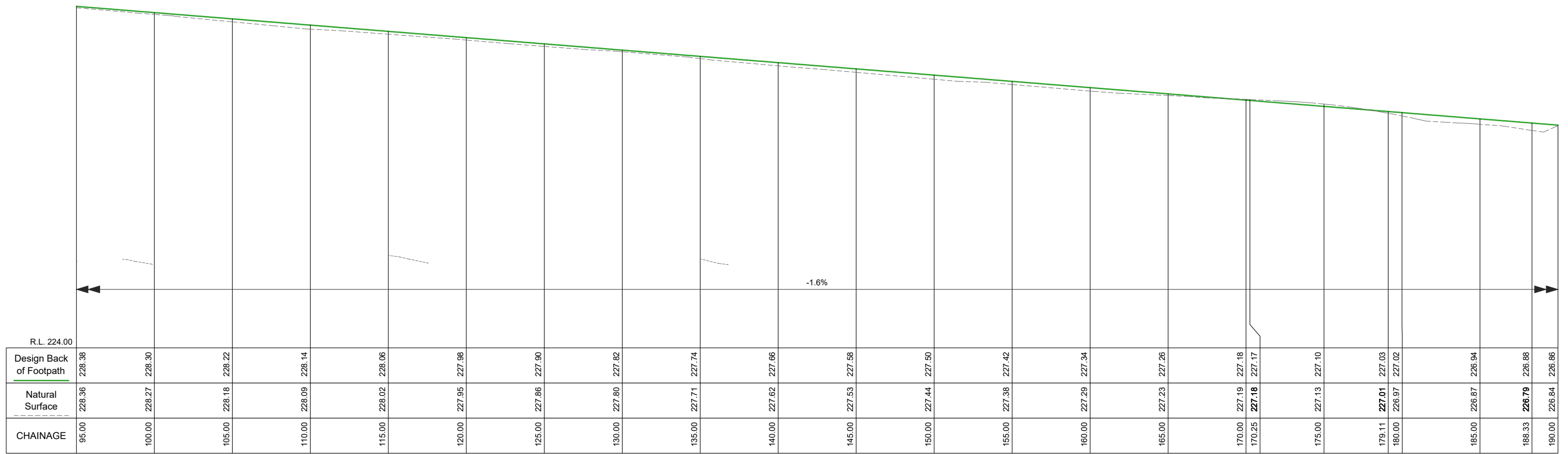
Location: FENTON STREET  
Suburb: NORTH BENDIGO  
Works: INTERSECTION UPGRADE  
GB No: GB5107

SHEET DETAILS

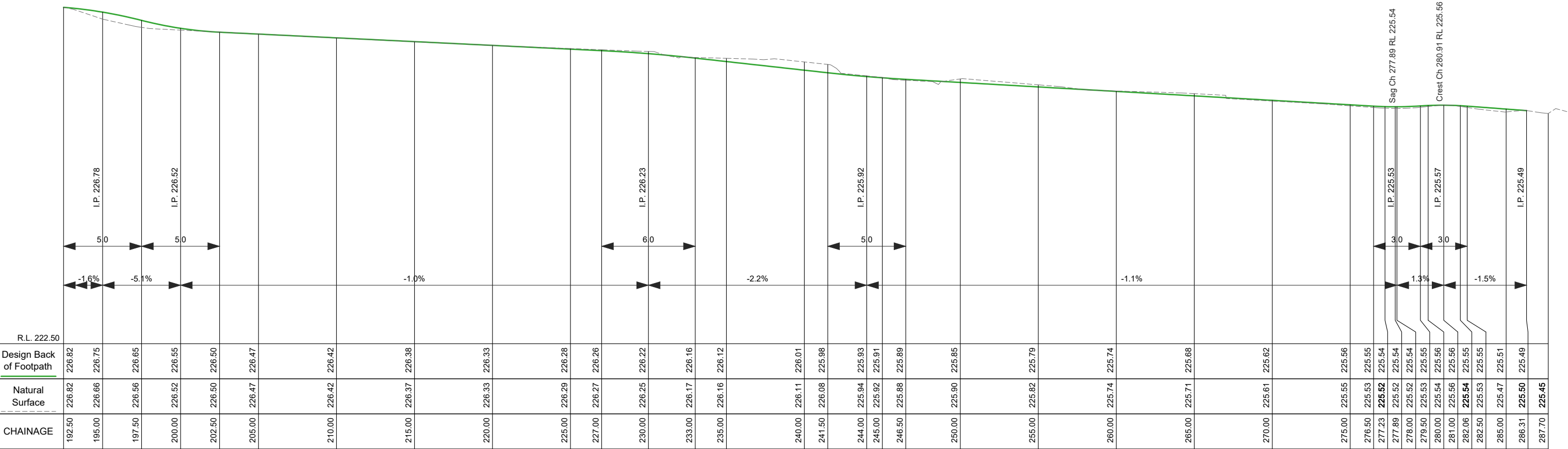
LONGITUDINAL SECTION - Footpath

Sheet number: 10 of 15  
Plan Scale: H;1:250 V;1:50 A3  
Plotted: 21/03/2024 By: Ian Frost

SHEET REVISIONS AFTER TENDER		Approved by		Date	
Revision	Description				
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-



Back of Footpath LONGITUDINAL SECTION CH 95.00 To 190.00



Back of Footpath LONGITUDINAL SECTION CH 190.00 To 285.00



PROJECT DESIGN STATUS  
 Surveyor: H. Withlock 28/09/23  
 Designer: I. Frost 05/01/24  
 Draft Checked: A. Smith xx/xx/24  
 Tender Approved: N. Sartori xx/xx/24

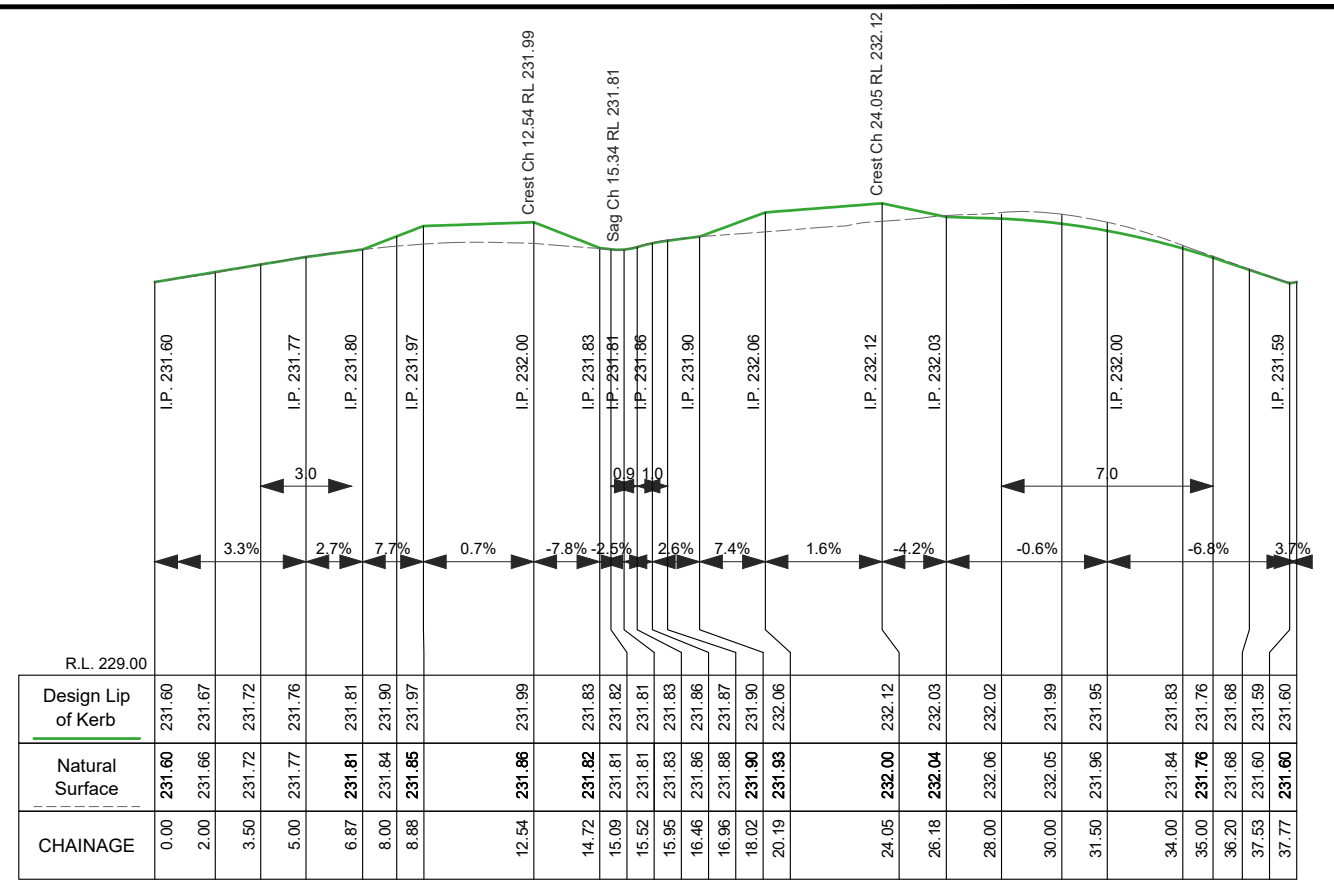
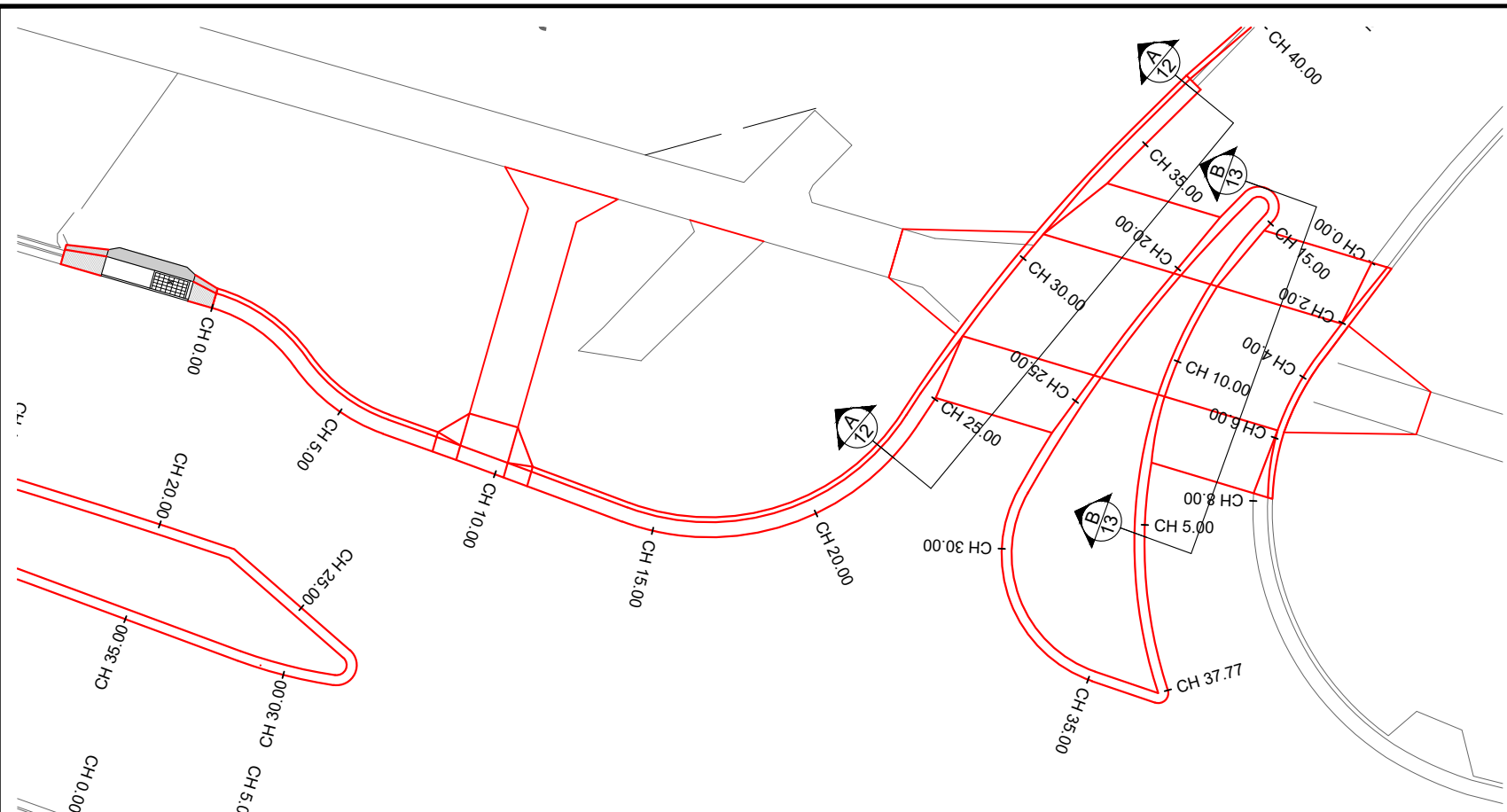
**PRELIMINARY DESIGN  
DRAFT 5**

PROJECT DETAILS  
 Location: FENTON STREET  
 Suburb: NORTH BENDIGO  
 Works: INTERSECTION UPGRADE  
 GB No: GB5107

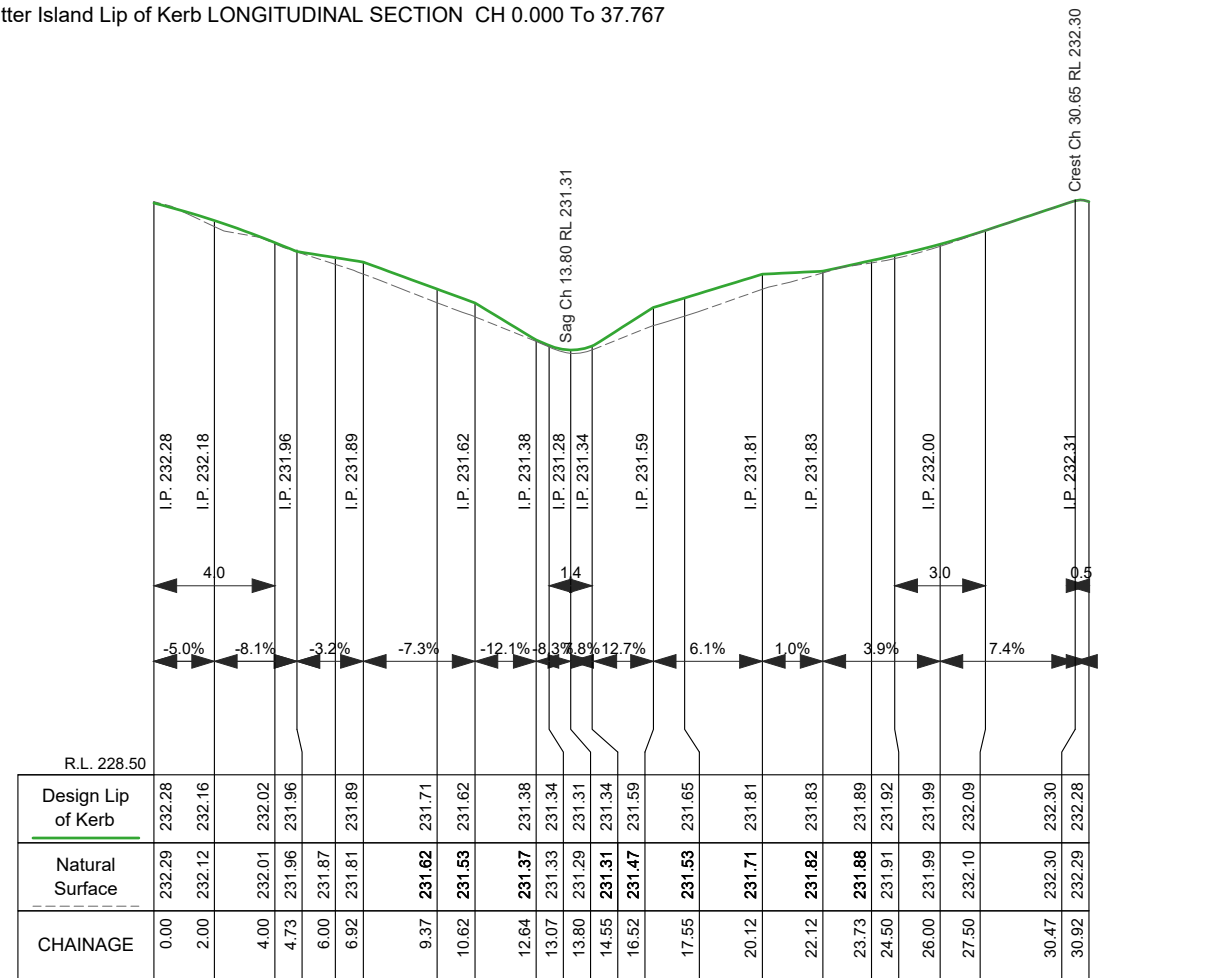
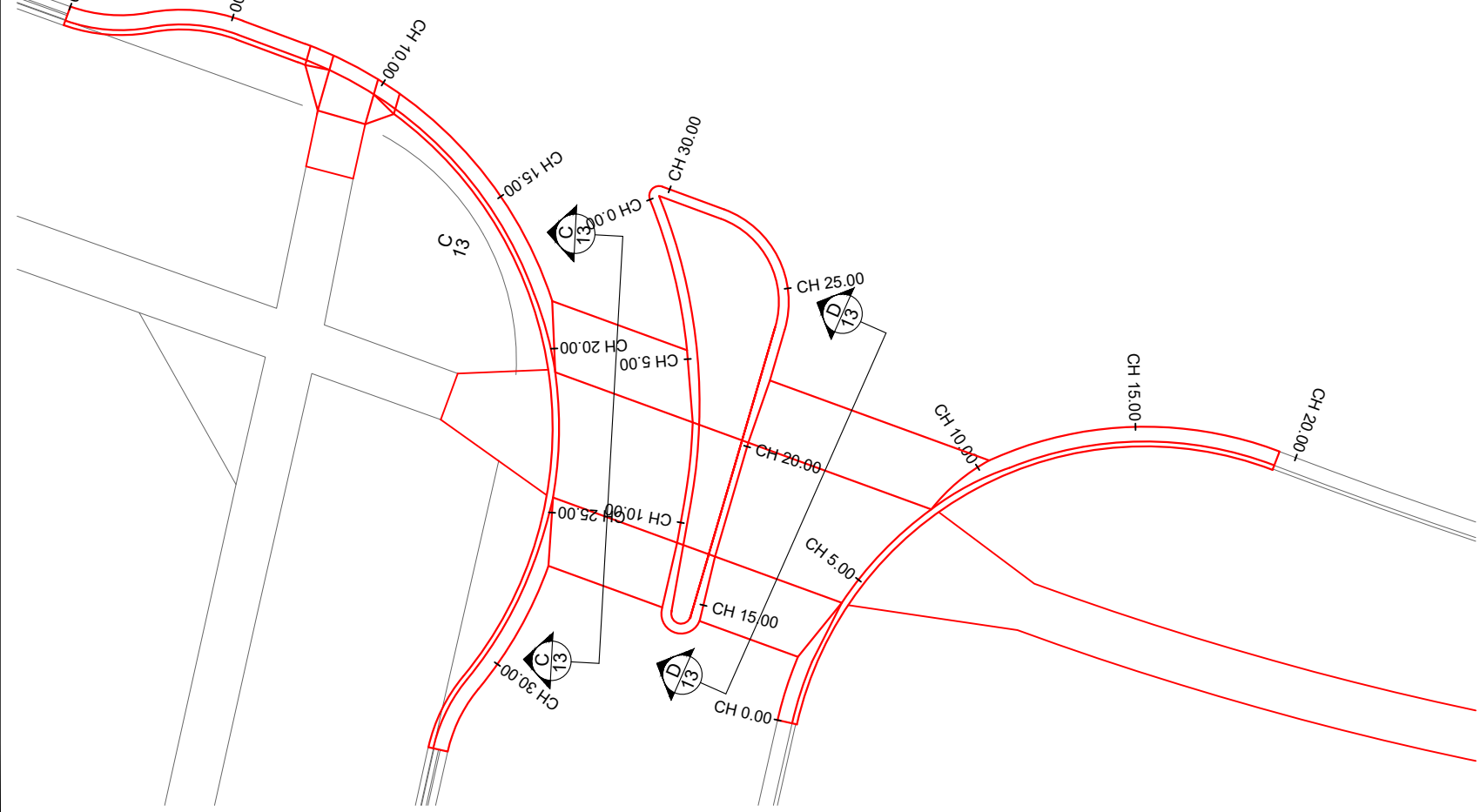
SHEET DETAILS  
 LONGITUDINAL SECTION - Footpath  
 Sheet number: 11 of 15  
 Plan Scale: H;1:250 V;1:50 A3  
 Plotted: 21/03/2024 By: Ian Frost

SHEET REVISIONS AFTER TENDER

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



North Splitter Island Lip of Kerb LONGITUDINAL SECTION CH 0.000 To 37.767



South Splitter Island Lip of Kerb LONGITUDINAL SECTION CH 0.000 To 30.924

**CITY OF GREATER BENDIGO**

PROJECT DESIGN STATUS

Surveyor:	H. Withlock	28/09/23
Designer:	I. Frost	05/01/24
Draft Checked:	A. Smith	xx/xx/24
Tender Approved:	N. Sartori	xx/xx/24

**PRELIMINARY DESIGN DRAFT 5**

PROJECT DETAILS

Location: FENTON STREET  
 Suburb: NORTH BENDIGO  
 Works: INTERSECTION UPGRADE  
 GB No: GB5107

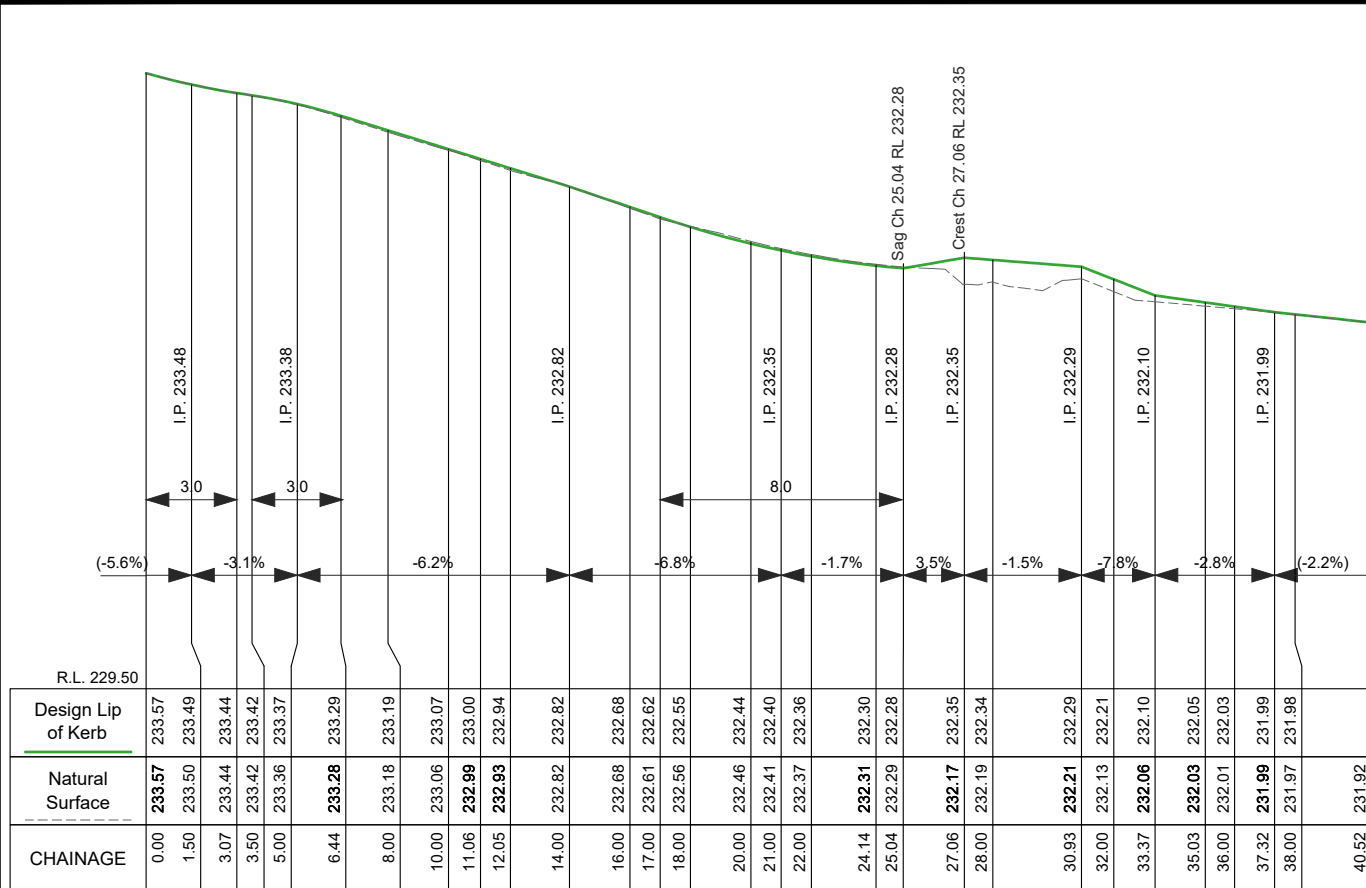
SHEET DETAILS

LONGITUDINAL SECTION - Kerb

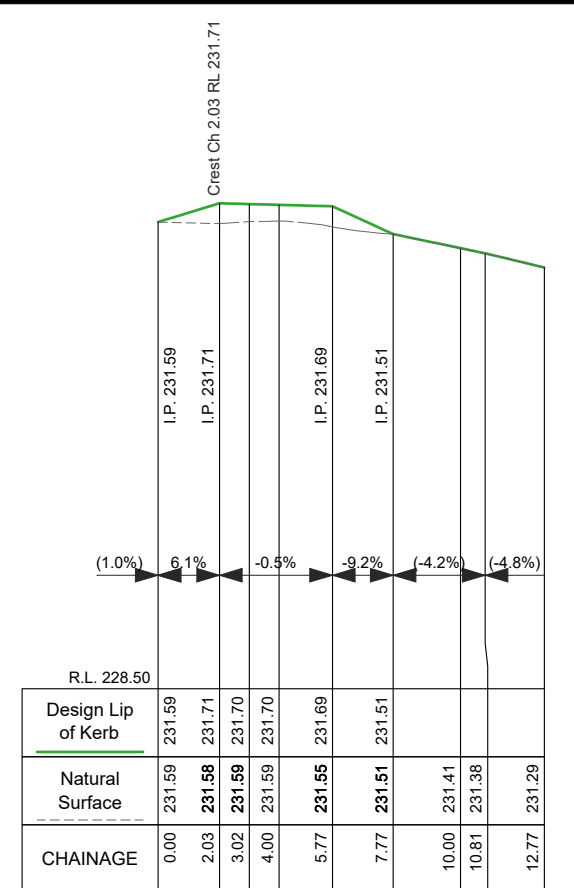
Sheet number: 12 of 15  
 Plan Scale: H;1:250 V;1:50 A3  
 Plotted: 21/03/2024 By: Ian Frost

SHEET REVISIONS AFTER TENDER

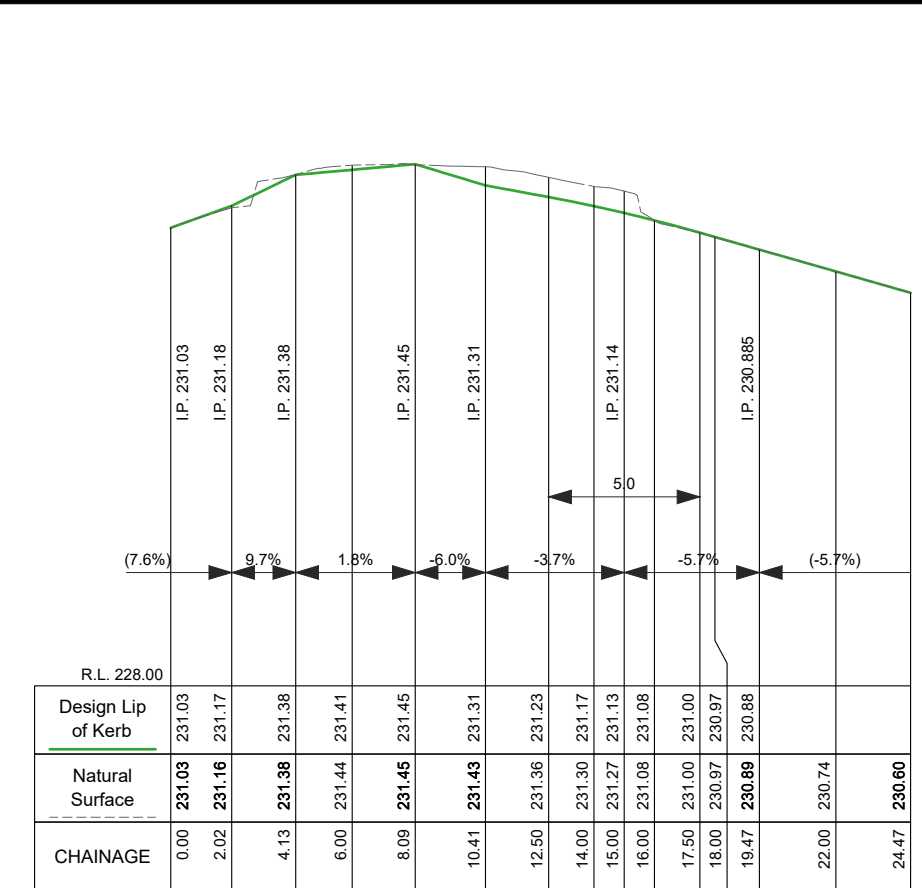
Revision	Description	Approved by	Date
-	-	-	-
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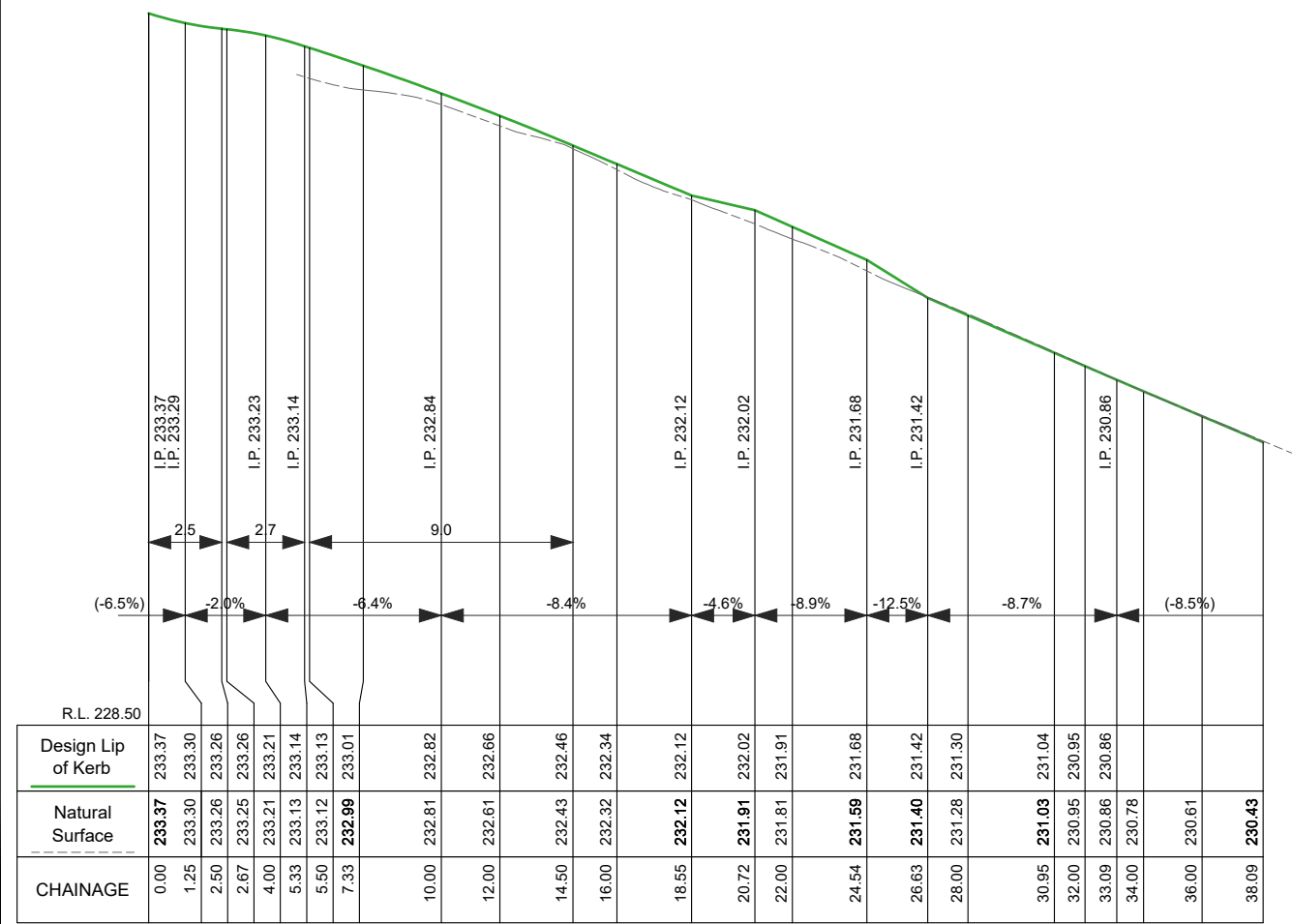
NW Lip of Kerb LONGITUDINAL SECTION CH 0.000 To 37.320



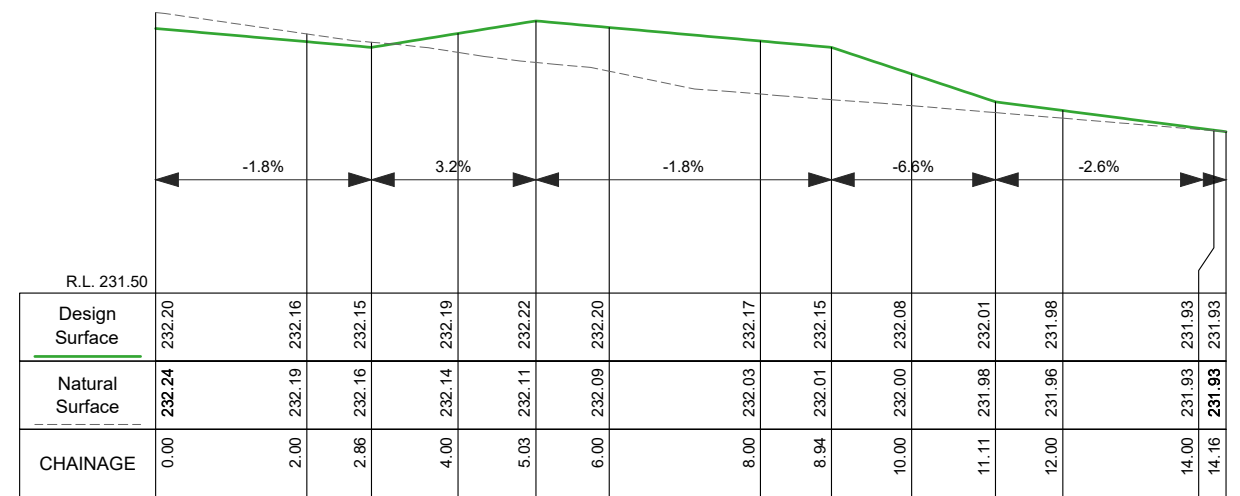
NE Lip of Kerb LONGITUDINAL SECTION CH 0.0 to 7.77



SE Lip of Kerb LONGITUDINAL SECTION CH 0.000 To 19.469



SW Lip of Kerb LONGITUDINAL SECTION CH 0.000 To 33.086



Section A-A

**CITY OF GREATER BENDIGO**

PROJECT DESIGN STATUS

Surveyor:	H. Withlock	28/09/23
Designer:	I. Frost	05/01/24
Draft Checked:	A. Smith	xx/xx/24
Tender Approved:	N. Sartori	xx/xx/24

**PRELIMINARY DESIGN DRAFT 5**

PROJECT DETAILS

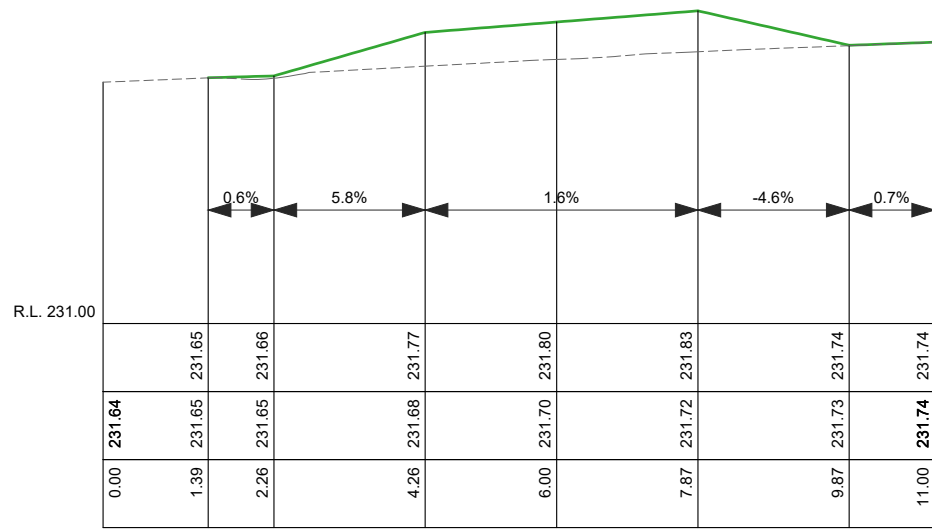
Location: FENTON STREET  
 Suburb: NORTH BENDIGO  
 Works: INTERSECTION UPGRADE  
 GB No: GB5107

SHEET DETAILS

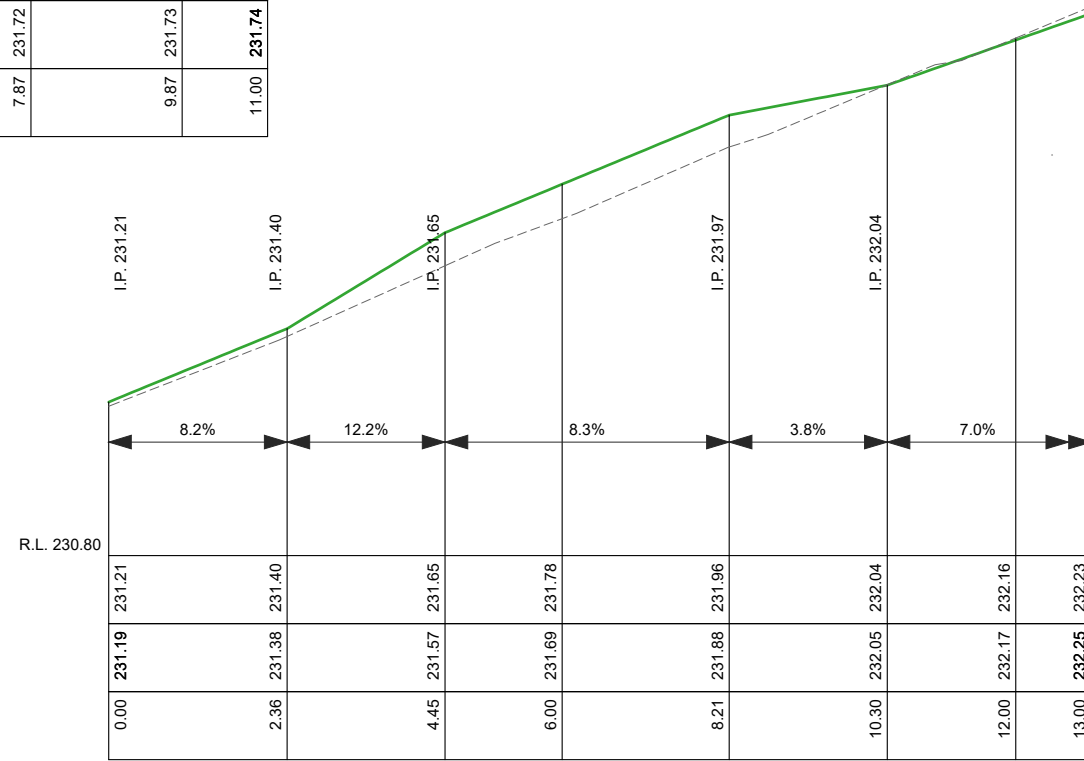
LONGITUDINAL SECTION - Kerb

Sheet number: 12 of 15  
 Plan Scale: H;1:250 V;1:50 A3  
 Plotted: 21/03/2024 By: Ian Frost

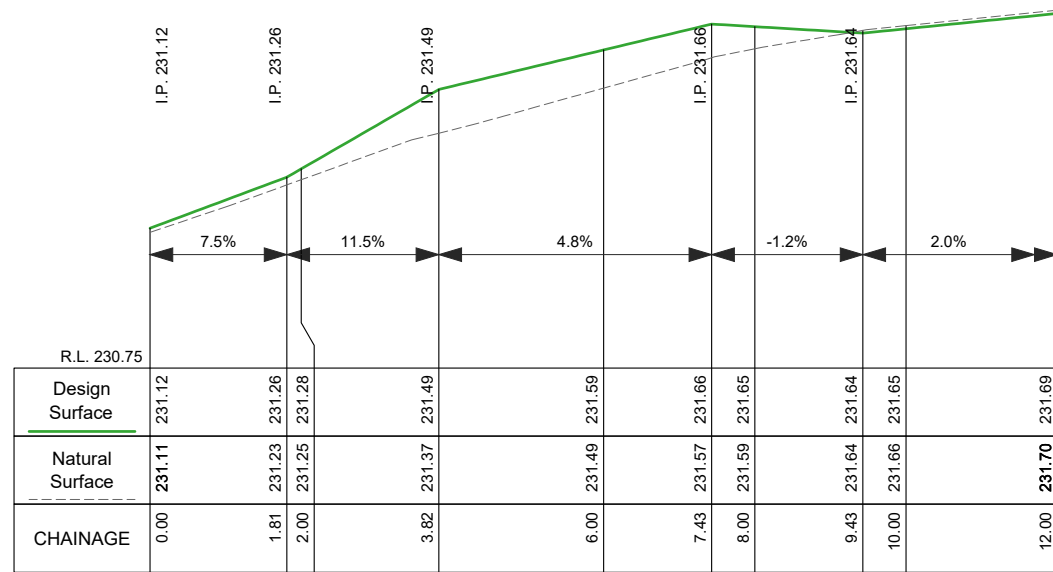
Revision	Description	Approved by	Date
-	-	-	-
-	-	-	-
-	-	-	-



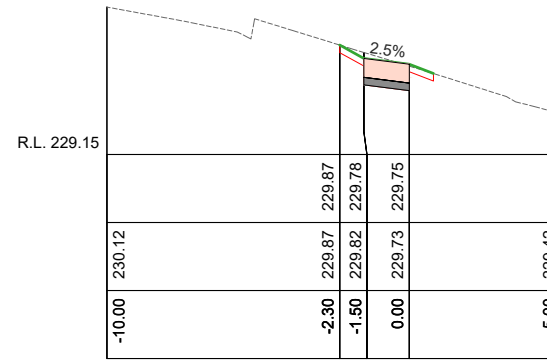
Section B-B



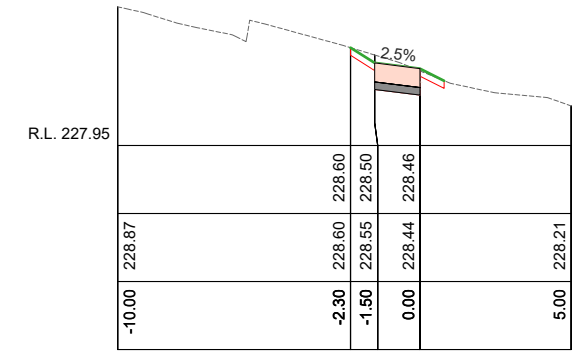
Section C-C



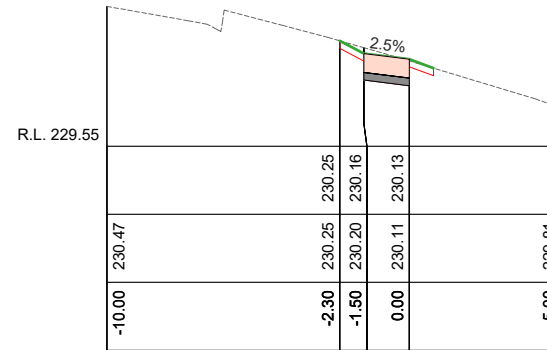
Section D-D



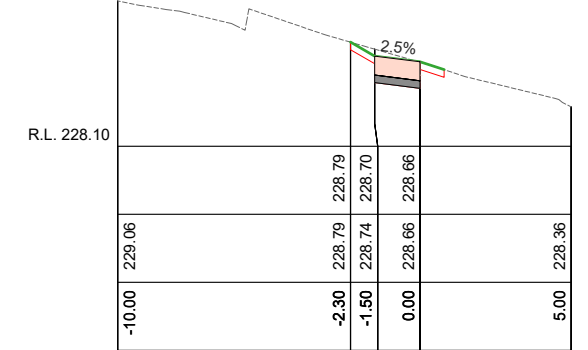
Ch 50.00



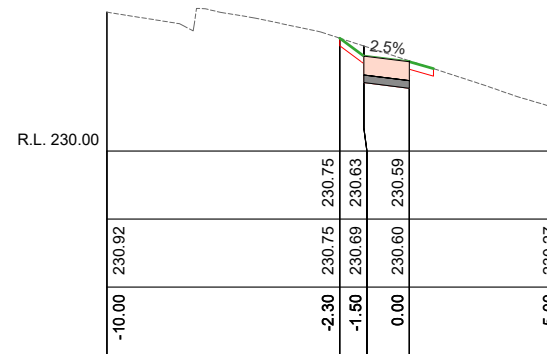
Ch 90.00



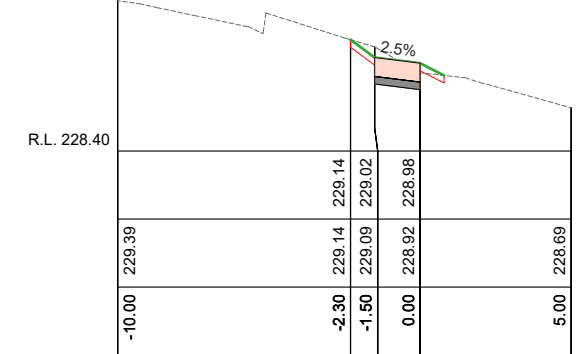
Ch 40.00



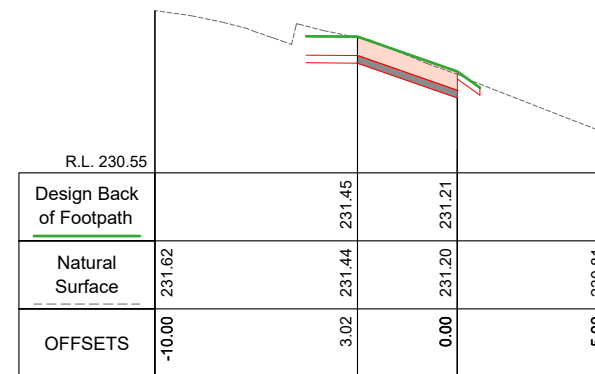
Ch 80.00



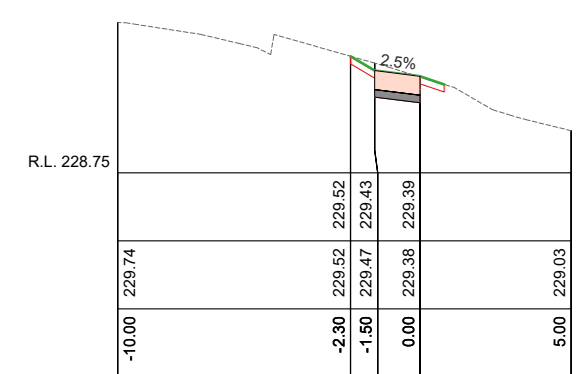
Ch 30.00



Ch 70.00



Ch 20.00



Ch 60.00



PROJECT DESIGN STATUS  
 Surveyor: H. Withlock 28/09/23  
 Designer: I. Frost 05/01/24  
 Draft Checked: A. Smith xx/xx/24  
 Tender Approved: N. Sartori xx/xx/24

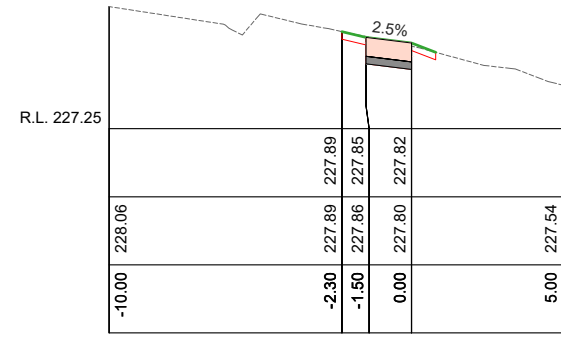
**PRELIMINARY DESIGN  
 DRAFT 5**

PROJECT DETAILS  
 Location: FENTON STREET  
 Suburb: NORTH BENDIGO  
 Works: INTERSECTION UPGRADE  
 GB No: GB5107

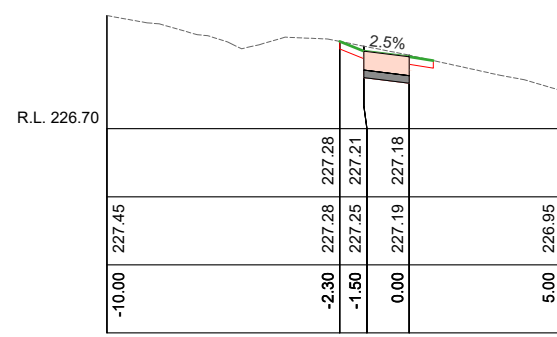
SHEET DETAILS  
 CROSS SECTIONS  
 Sheet number: 13 of 15  
 Plan Scale: H;1:250 V;1:50 A3  
 Plotted: 21/03/2024 By: Ian Frost

SHEET REVISIONS AFTER TENDER

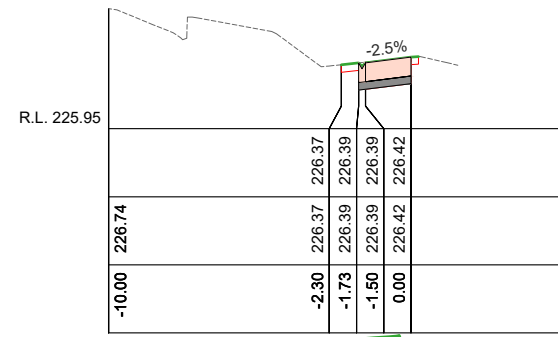
Revision	Description	Approved by	Date
-	-	-	-
-	-	-	-
-	-	-	-



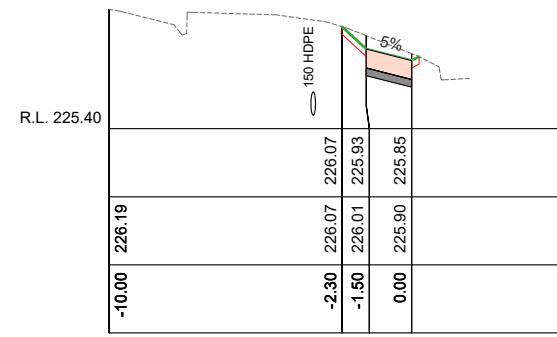
Ch 130.00



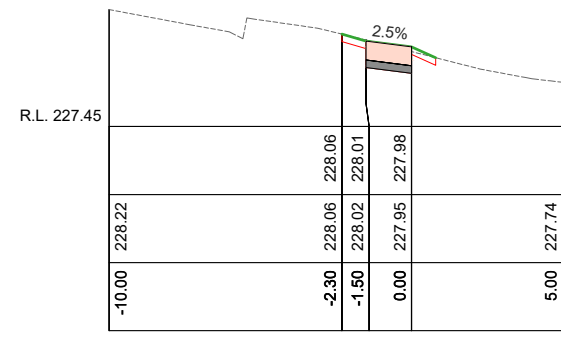
Ch 170.00



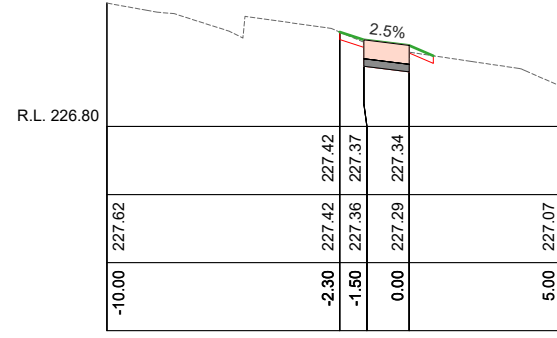
Ch 210.00



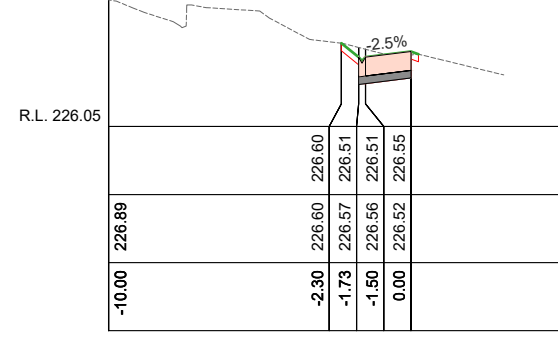
Ch 250.00



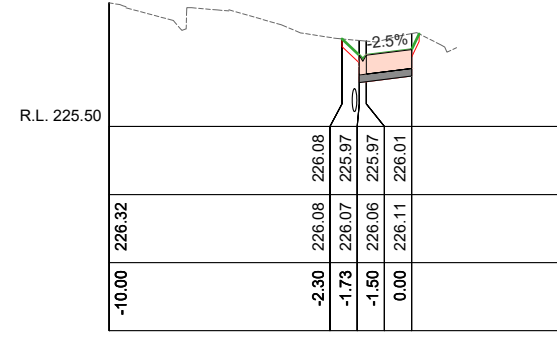
Ch 120.00



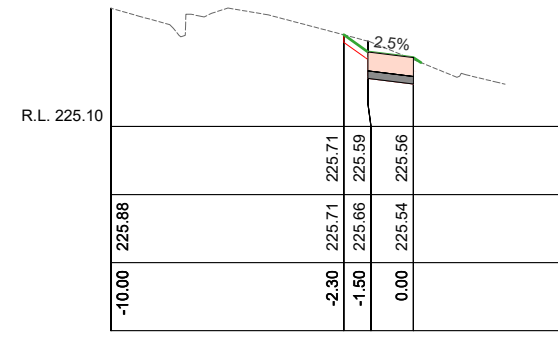
Ch 160.00



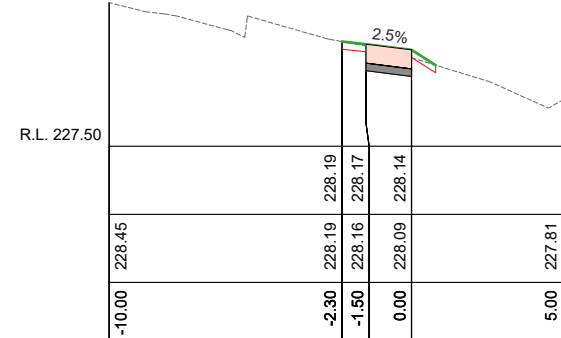
Ch 200.00



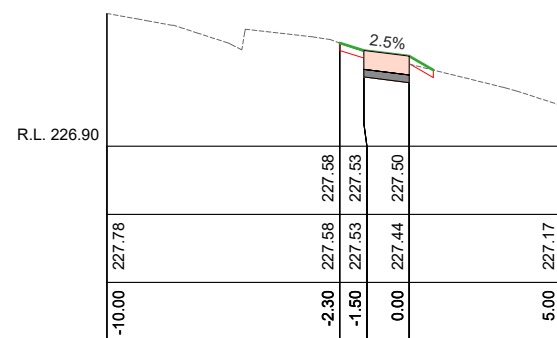
Ch 240.00



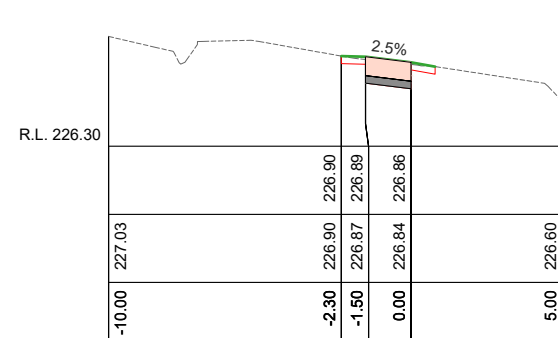
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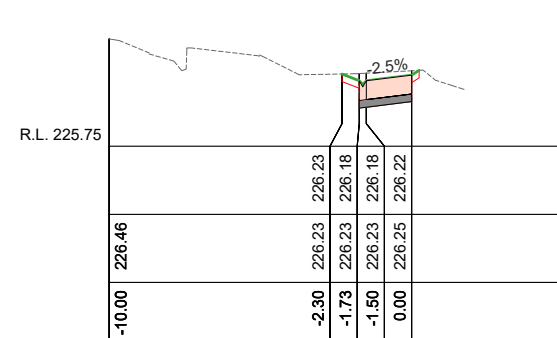
Ch 110.00



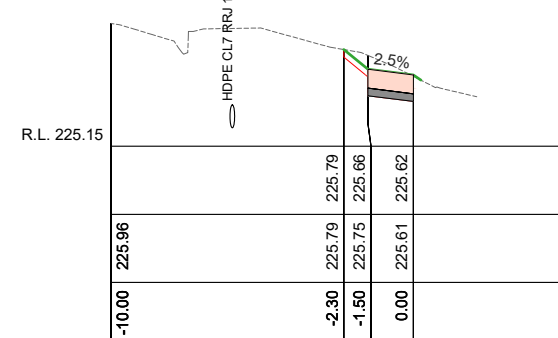
Ch 150.00



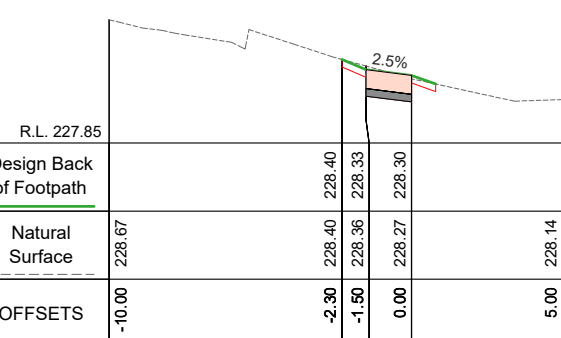
Ch 190.00



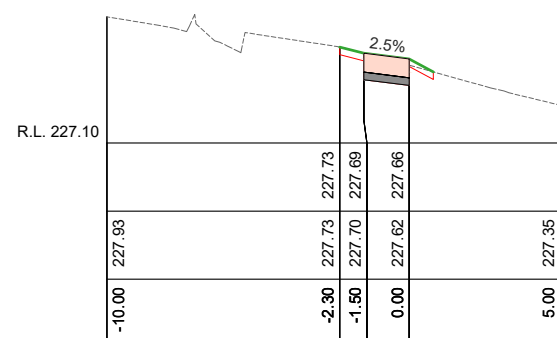
Ch 230.00



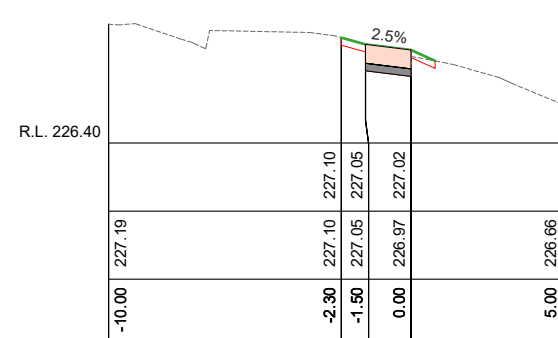
Ch 270.00



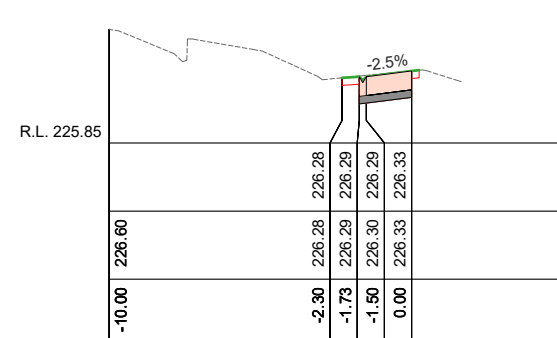
Ch 100.00



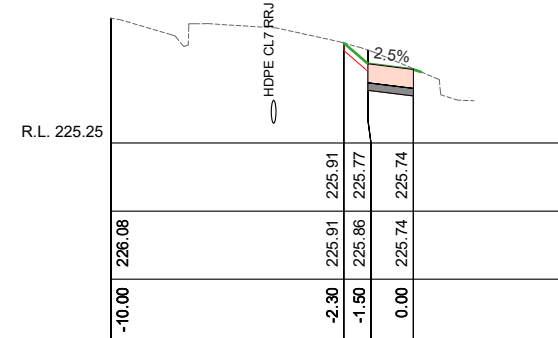
Ch 140.00



Ch 180.00



Ch 220.00



Ch 260.00

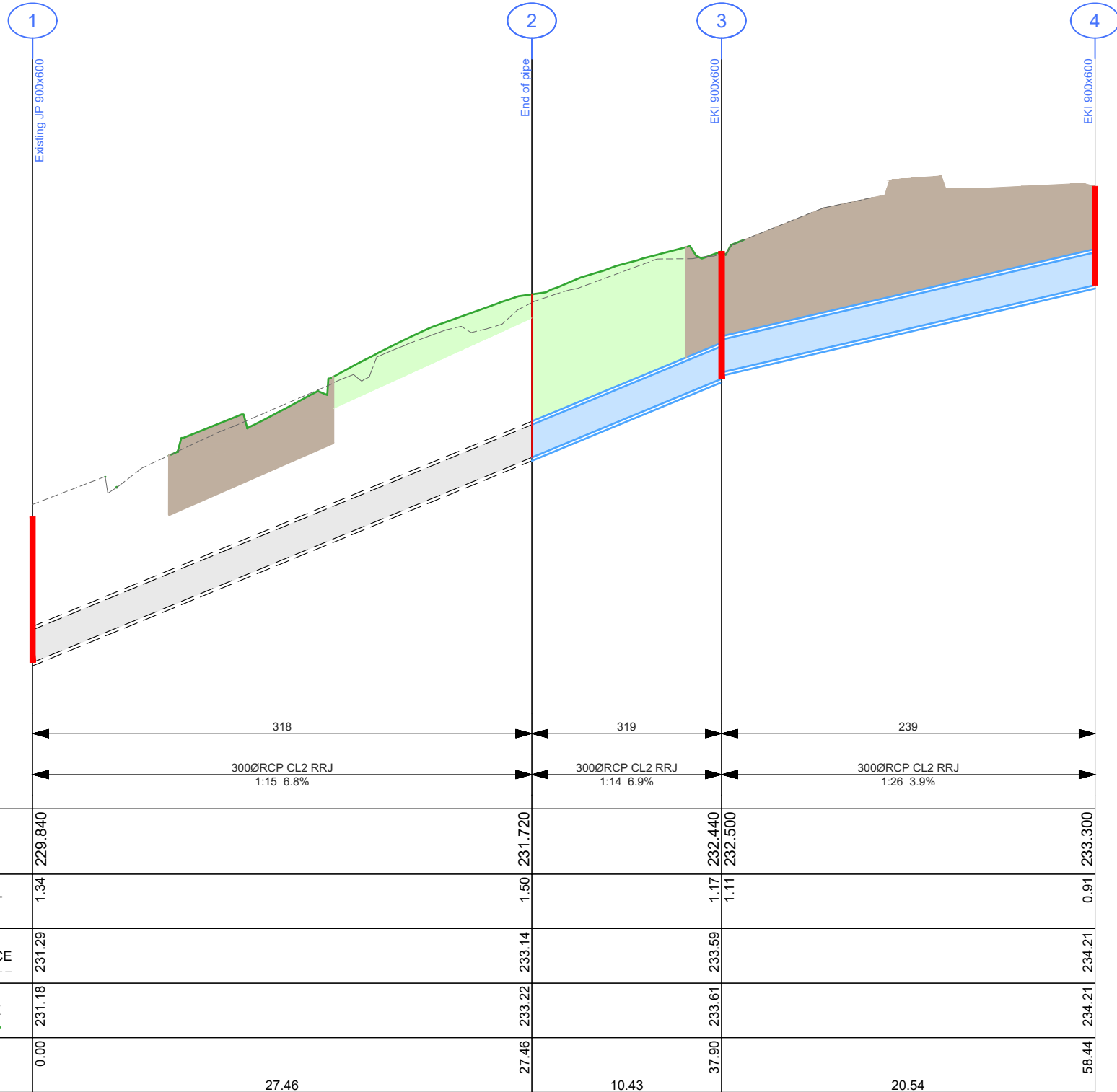
Design Back of Footpath		228.40	228.33	228.30	
Natural Surface	228.67	228.40	228.36	228.27	228.14
OFFSETS	-10.00	-2.30	-1.50	0.00	5.00



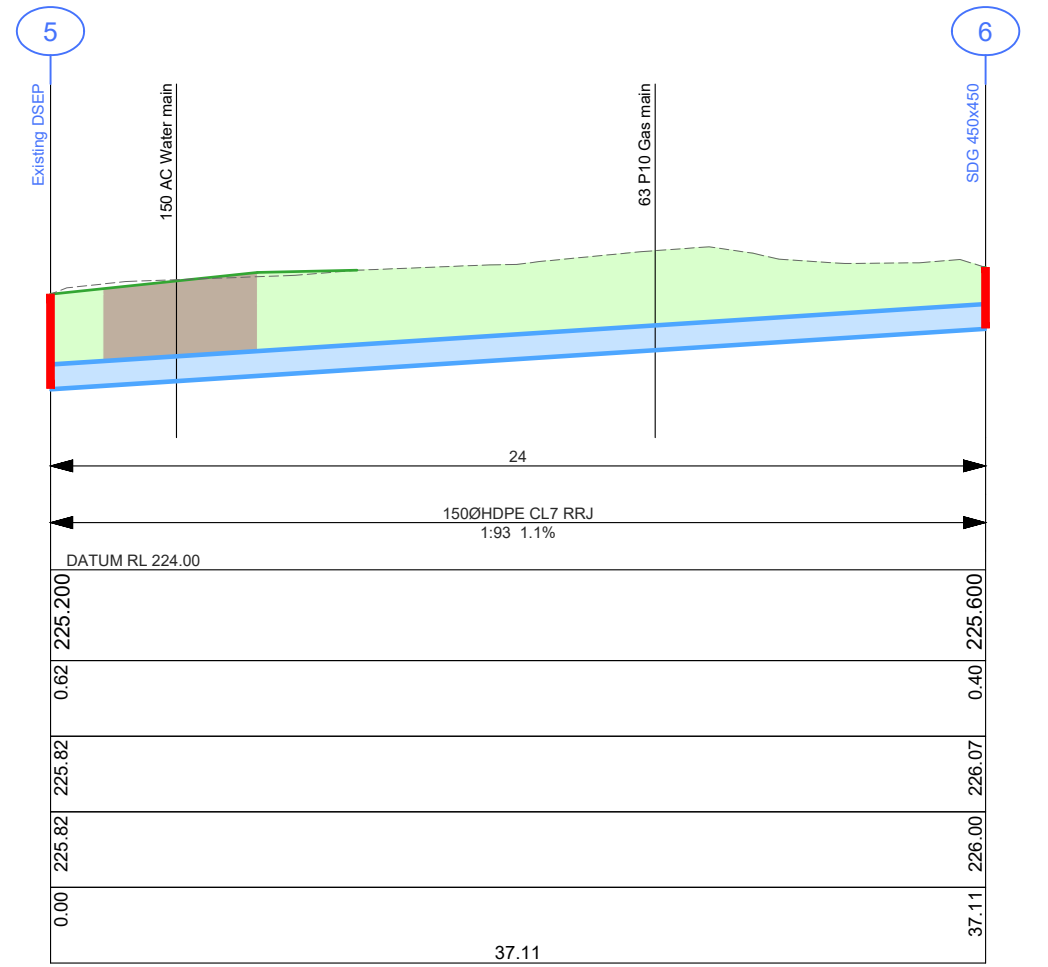
PROJECT DESIGN STATUS		
Surveyor:	H. Withlock	28/09/23
Designer:	I. Frost	05/01/24
Draft Checked:	A. Smith	xx/xx/24
Tender Approved:	N. Sartori	xx/xx/24
<b>PRELIMINARY DESIGN DRAFT 5</b>		

PROJECT DETAILS	
Location:	FENTON STREET
Suburb:	NORTH BENDIGO
Works:	INTERSECTION UPGRADE
GB No:	GB5107

SHEET DETAILS			
CROSS SECTIONS		Sheet number:	14 of 15
		Plan Scale:	H;1:250 V;1:50 A3
		Plotted:	21/03/2024 By: Ian Frost
SHEET REVISIONS AFTER TENDER			
Revision	Description	Approved by	Date
-	-	-	-
-	-	-	-
-	-	-	-



Pit No.	Pit Type	Standard Drawing	Pit Width (mm)	Pit Length (mm)	Outlet Diameter (mm)	Outlet Invert RL (m)	Inlet Diameter (mm)	Inlet Invert RL (m)	Pit Depth (m)	Pit Lid Level (m)	Comment
1	Junction Pit		600	900			(300)	(229.84)	1.337	231.177	Existing pit
2	End of pipe		-	-	(300)	(231.72)	300	231.720	1.495	-	End of 300 RCP
3	EKI Pit	CoGB SD590-A-D-H-T	600	900	300	232.440	300	232.500	1.168	233.608	
4	EKI Pit	CoGB SD590-A-D-H-T	600	900	300	233.300			0.905	234.205	
5	Double Side Entry Pit		600	900			150	225.200	0.623	225.823	Existing pit
6	Spoon Drain Grated Pit	IDM SD 495	600	900	150	225.600			0.400	226.000	



PROJECT DESIGN STATUS		
Surveyor:	H. Withlock	28/09/23
Designer:	I. Frost	05/01/24
Draft Checked:	A. Smith	xx/xx/24
Tender Approved:	N. Sartori	xx/xx/24

**PRELIMINARY DESIGN**  
**DRAFT 5**

PROJECT DETAILS	
Location:	FENTON STREET
Suburb:	NORTH BENDIGO
Works:	INTERSECTION UPGRADE
GB No:	GB5107

SHEET DETAILS		
CROSS SECTIONS & DRAINAGE		Sheet number: 15 of 15
		Plan Scale: H;1:300 V;1:50 A3
		Plotted: 21/03/2024 By: Ian Frost
SHEET REVISIONS AFTER TENDER		
Revision	Description	Approved by Date
-	-	-
-	-	-
-	-	-