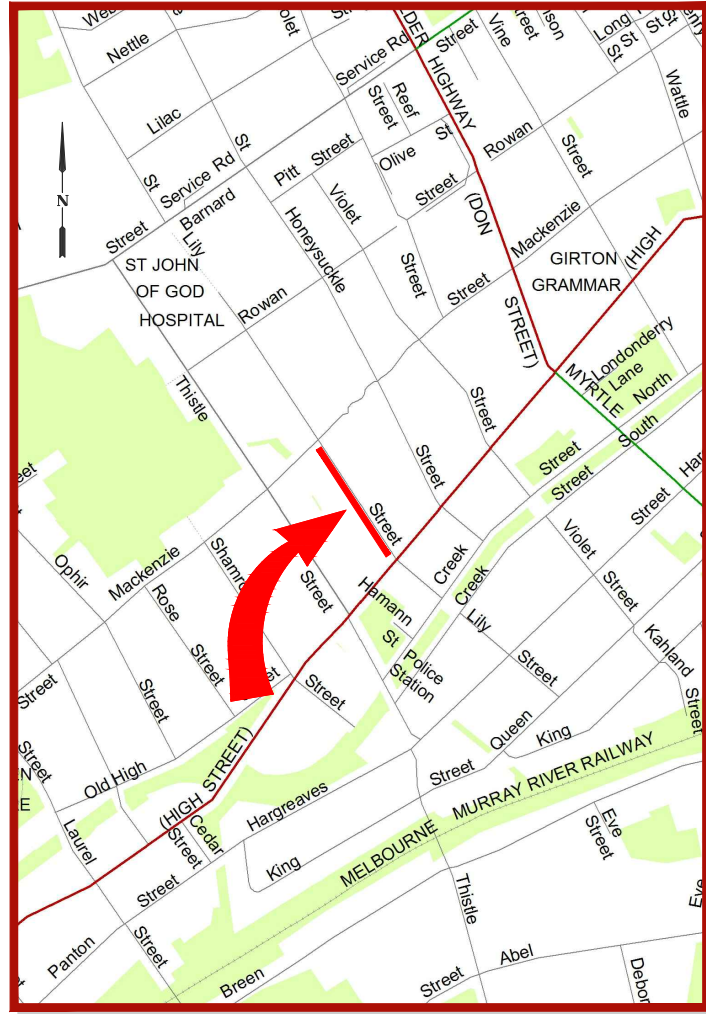


LILY STREET BENDIGO

GB5116

FOOTPATH RENEWAL FEBRUARY 2024




LOCALITY MAP

DOCUMENT CONTROL				
SHEET No.	SHEET DESCRIPTION.	8/2/24	XX/23	xx/23
		DRAFT	TENDER	CONSTRUCTION
		REVISION	REVISION	REVISION
1	COVER SHEET	A	-	-
2	GENERAL NOTES & TYPICAL SECTION	A	-	-
3 - 5	LAYOUT PLAN & LONG SECTION	A	-	-
6 - 8	CROSS SECTIONS	A	-	-
9	SETOUT	A	-	-



PROJECT EXTENTS

PROJECT PLANNING REQUIREMENTS				 CITY OF GREATER BENDIGO	PROJECT DESIGN STATUS			PROJECT TITLE		SHEET DETAILS		
Item	Required	Comments	Contractor		Surveyor	H. WHYTOCK	MAY. 2023			COVER SHEET	Sheet: 1 OF 9	
Vegetation	Yes	Contact Arborist prior to works			Designer	L. OLIVER	DEC. 2023 <th colspan="2">Scale: - A3</th>	Scale: - A3				
RRV	No	-			Draft Checked	A. SMITH	X/X/23	Plot Date:08/02/2024 By:Leigh Oliver				
CMA	No	-			Tender Approved	N. SARTORI	X/X/23	AMENDMENTS				
Planning Permit	No	-			<div>PRELIMINARY DESIGN DRAFT 2.1</div>			Revision	Description	Approved by	Date	
Land Acquisition	No	-						-	-	-	-	
CHMP	No	-		-				-	-	-		
Other	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

- 201 Site Clearing
- 204 Earthworks
- 205 Rock Fill
- 210 Geotextiles in Earthworks

FLEXIBLE PAVEMENTS

- 304 Unbound Flexible Pavement Construction
- 306 Cementitious Treated Pavement Subbase
- 307 In Situ Stabilisation of Pavements with Cementitious Binders
- 308 In Situ Stabilisation of Pavements with Foamed Bitumen Binder
- 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
- 431 Coloured Surface Treatments

INCIDENTAL CONSTRUCTION

- 701 Underground Stormwater Drains
- 702 Subsurface Drainage
- 703 General Concrete Paving
- 704 Precast Concrete Kerb
- 705 Drainage Pits and Covers
- 706 Installation or Replacement of Utility Infrastructure within Road Reserves
- 707 Fencing
- 710 Fixing Raised Pavement Markers
- 712 Block Paving
- 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

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

PROJECT PLANNING REQUIREMENTS			
Item	Required	Comments	Contractor
Vegetation	Yes	Contact Arborist prior to works	
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:

- 'CoGB SD' are sourced from the City of Greater Bendigo
<https://www.bendigo.vic.gov.au/Services/Roads-and-Drainage/Roads/Construction-standards>
- 'IDM SD' are sourced from the Infrastructure Design Manual
<https://www.designmanual.com.au/>
- '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

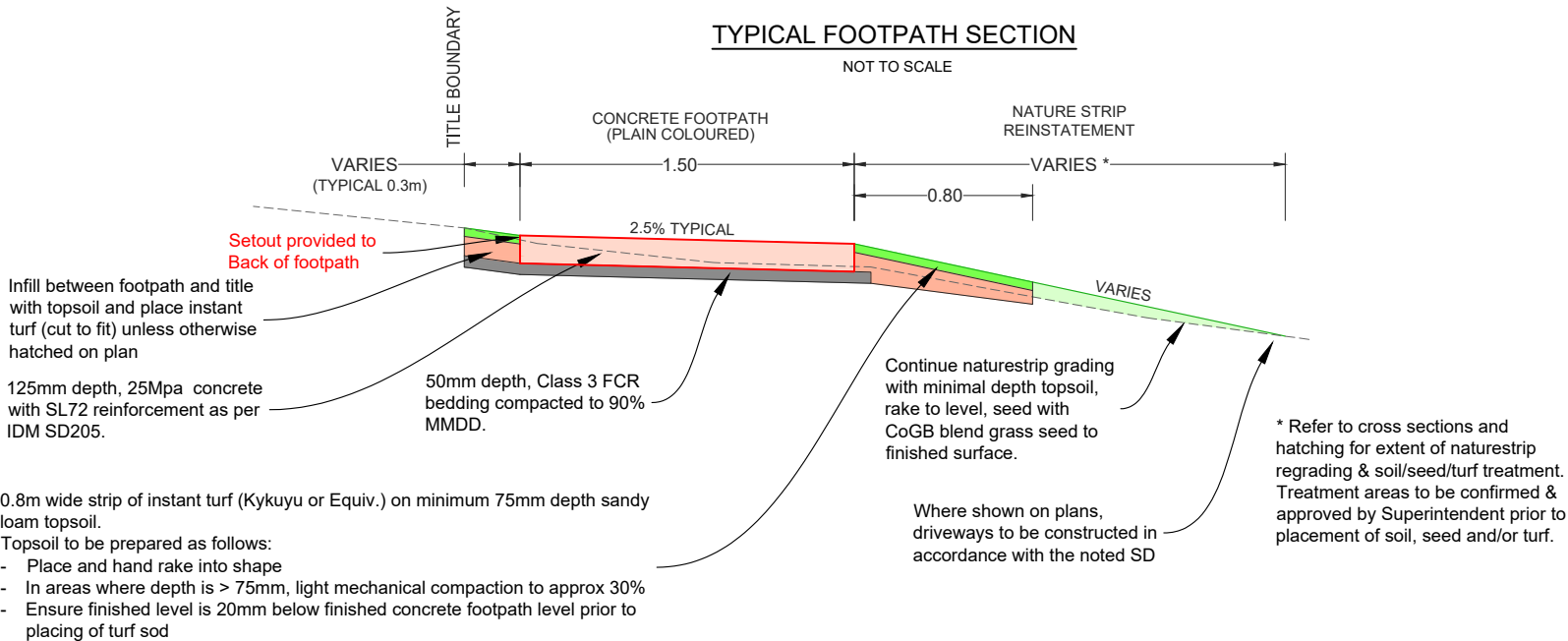
SITE ENVIRONMENTAL MANAGEMENT PLAN

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:

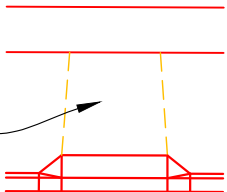
- Communication and induction for staff, contractors and sub contractors
- Communication with appropriate adjacent residents/businesses
- Noise and Vibration
- Dust and contamination
- Chemicals
- Erosion and sediment
- Waste
- Vehicle and roadside management
- Vegetation, with particular focus on any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



Optional concrete driveway construction between footpath & kerb. Requires landowner signed agreement.



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.



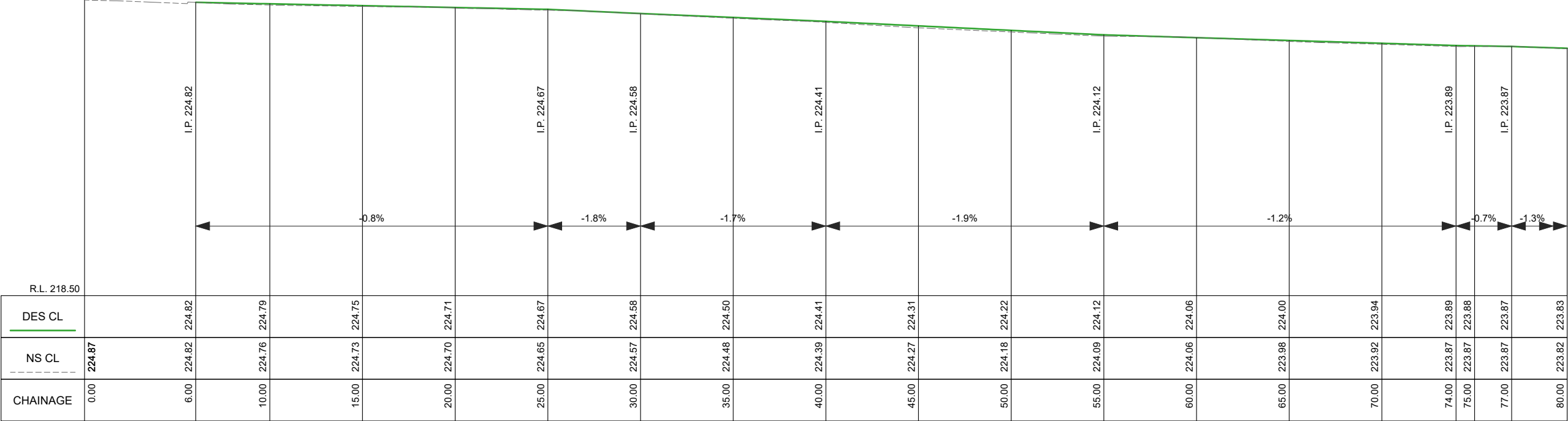
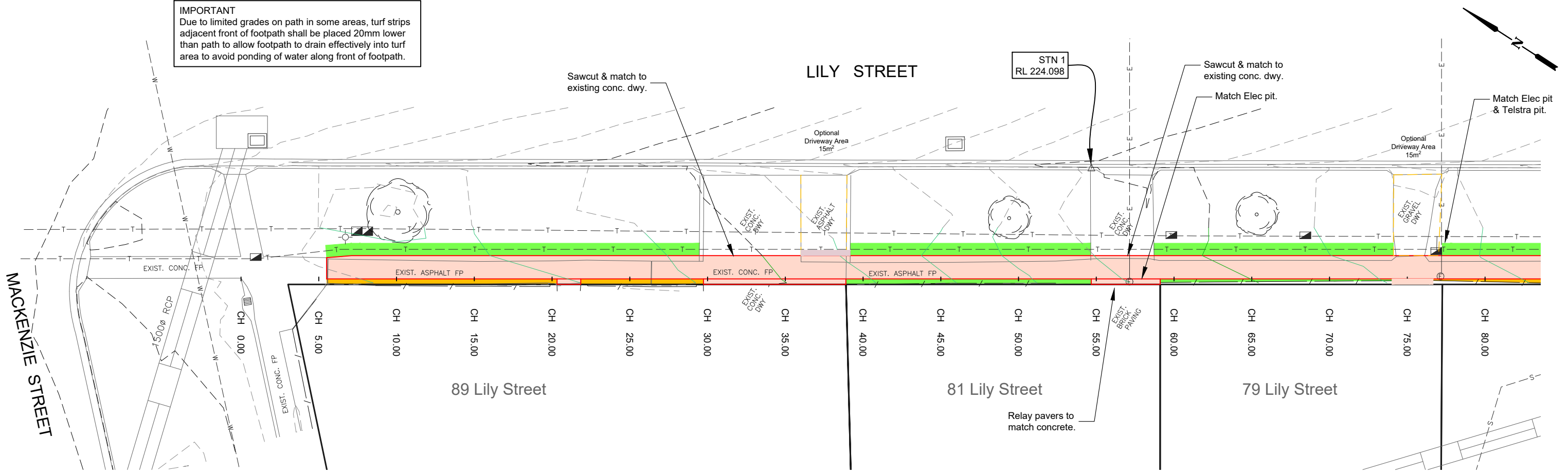
PROJECT DESIGN STATUS		
Surveyor	H. WHYTOCK	MAY. 2023
Designer	L. OLIVER	DEC. 2023
Draft Checked	A. SMITH	X/X/23
Tender Approved	N. SARTORI	X/X/23

**PRELIMINARY DESIGN
DRAFT 2.1**

PROJECT TITLE	
Location:	LILY STREET
Suburb:	BENDIGO
Works:	FOOTPATH RENEWAL
Reference:	GB5116

SHEET DETAILS			
GENERAL NOTES & TYPICAL SECTION		Sheet: 2 OF 9	A3
		Scale: -	
		Plot Date:08/02/2024 By:Leigh Oliver	
AMENDMENTS			
Revision	Description	Approved by	Date
-	-	-	-
-	-	-	-
-	-	-	-

IMPORTANT
Due to limited grades on path in some areas, turf strips adjacent front of footpath shall be placed 20mm lower than path to allow footpath to drain effectively into turf area to avoid ponding of water along front of footpath.



BFP LONGITUDINAL SECTION CH 0.000 To 80.000
SCALES: H 1:250 V 1:100 (A3)

LEGEND

DESIGN CONTOURS
- Levels to AHD (0.10m interval)

EXISTING CONTOURS
- Levels to AHD (0.10m interval)

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

Concrete Driveway area: Normal plain Dwy as per IDM SD240

Asphalt area: 30mm depth Asphalt over 100mm depth Class 3 FCR

Gravel area: 50mm depth Class 3 FCR

Existing tree to be removed

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)

CITY OF GREATER BENDIGO

PROJECT DESIGN STATUS

Surveyor	H. WHYTECK	MAY. 2023
Designer	L. OLIVER	DEC. 2023
Draft Checked	A. SMITH	X/X/23
Tender Approved	N. SARTORI	X/X/23

PRELIMINARY DESIGN DRAFT 2.1

PROJECT TITLE

**LILY STREET
BENDIGO
FOOTPATH RENEWAL
GB5116**

Location:
Suburb:
Works:
Reference:

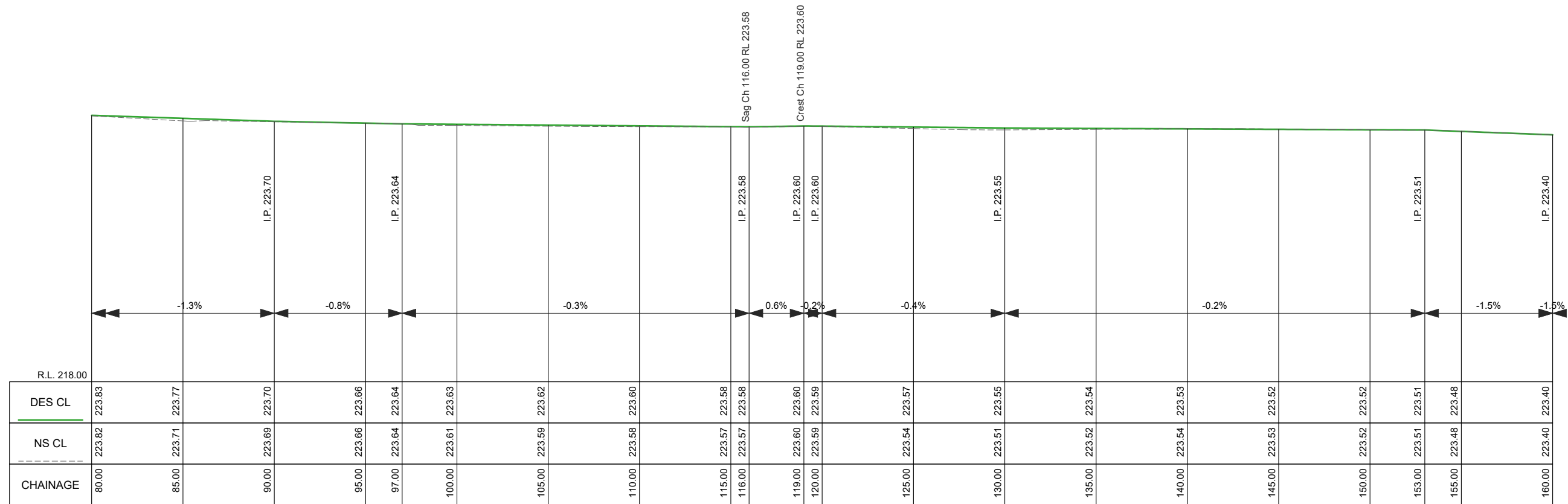
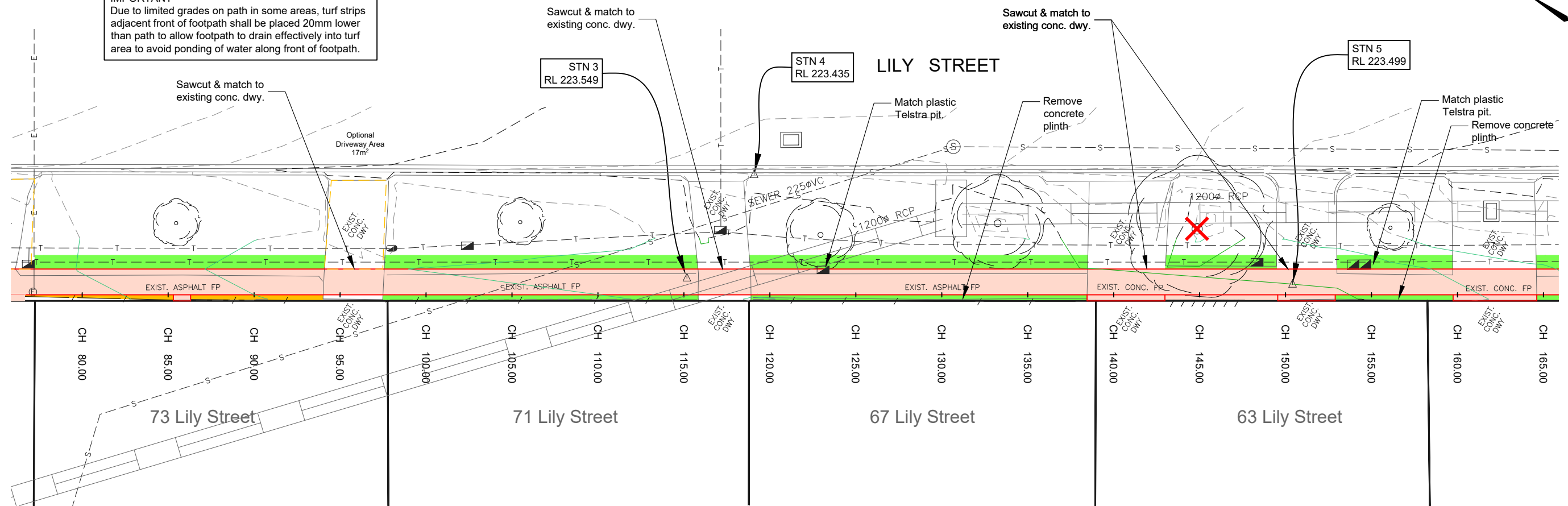
SHEET DETAILS

LAYOUT PLAN & LONG SECTION

Sheet: **3** OF **9**
Scale: 1:250
Plot Date: 08/02/2024 By: Leigh Oliver

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

IMPORTANT
Due to limited grades on path in some areas, turf strips adjacent front of footpath shall be placed 20mm lower than path to allow footpath to drain effectively into turf area to avoid ponding of water along front of footpath.



BFP LONGITUDINAL SECTION CH 80.000 To 160.000
SCALES: H 1:250 V 1:100 (A3)

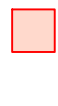
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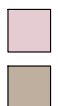
DESIGN CONTOURS
- Levels to AHD (0.10m interval)



EXISTING CONTOURS
- Levels to AHD (0.10m interval)



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



Asphalt area: 30mm depth Asphalt
over 100mm depth Class 3 FCR



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)



Existing tree to be removed



Concrete Driveway area: Normal plain
Dwy as per IDM SD240



CITY OF GREATER
BENDIGO

PROJECT DESIGN STATUS

Surveyor	H. WHYTECK	MAY. 2023
Designer	L. OLIVER	DEC. 2023
Draft Checked	A. SMITH	X/X/23
Tender Approved	N. SARTORI	X/X/23

**PRELIMINARY DESIGN
DRAFT 2.1**

PROJECT TITLE

Location: **LILY STREET**
Suburb: **BENDIGO**
Works: **FOOTPATH RENEWAL**
Reference: **GB5116**

SHEET DETAILS

**LAYOUT PLAN &
LONG SECTION**

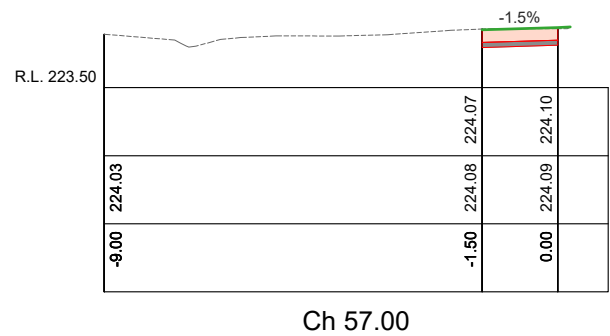
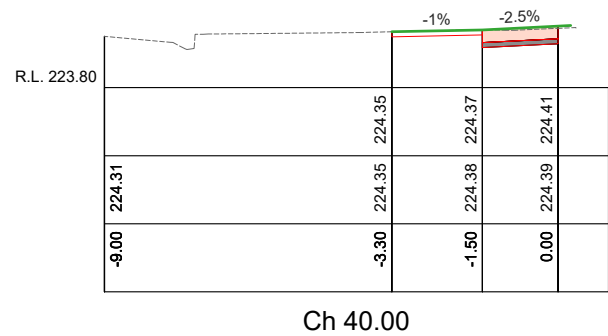
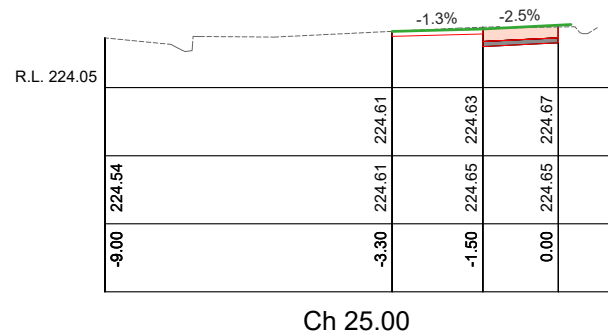
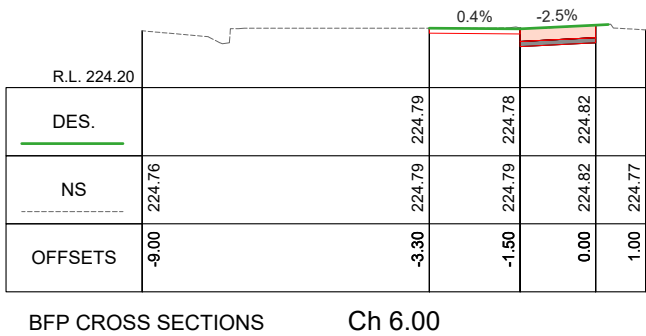
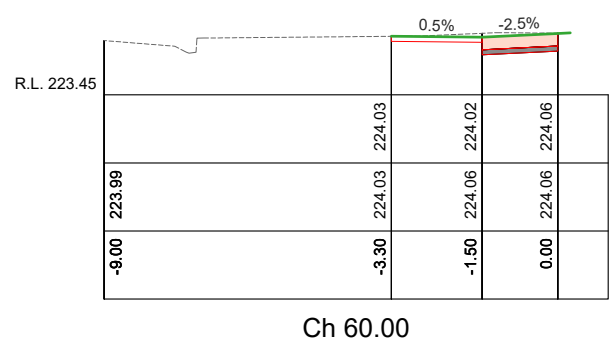
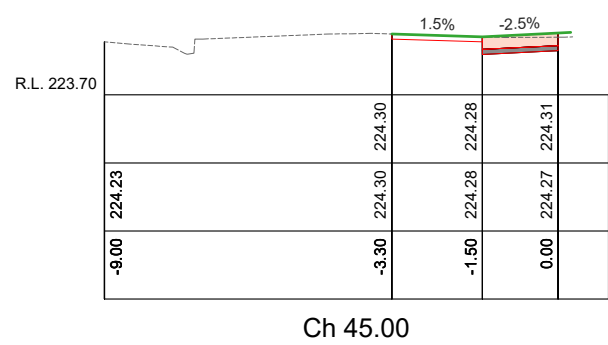
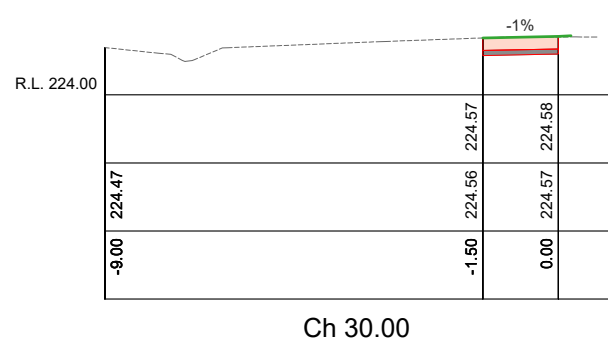
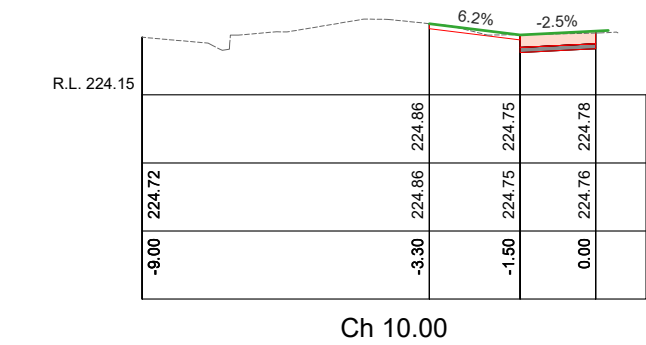
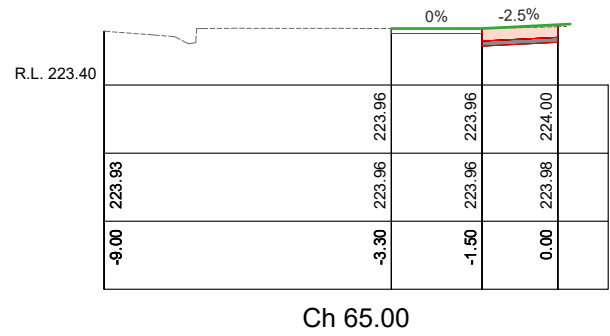
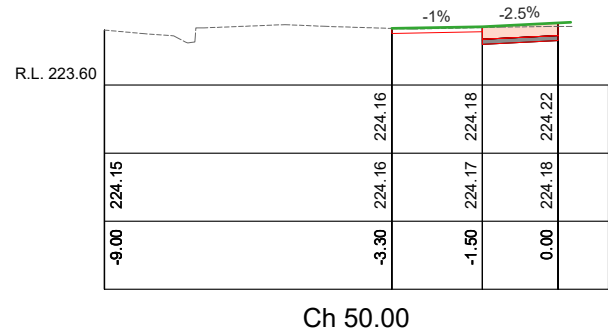
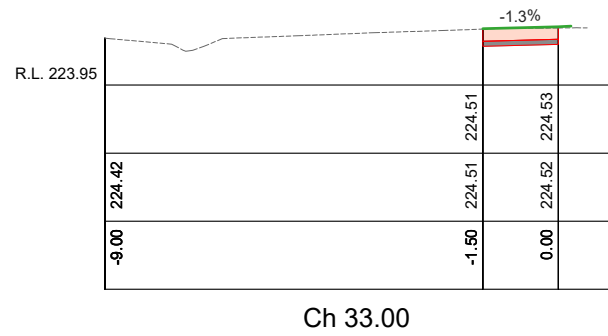
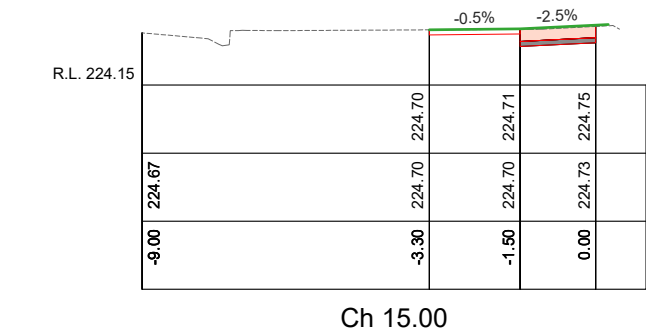
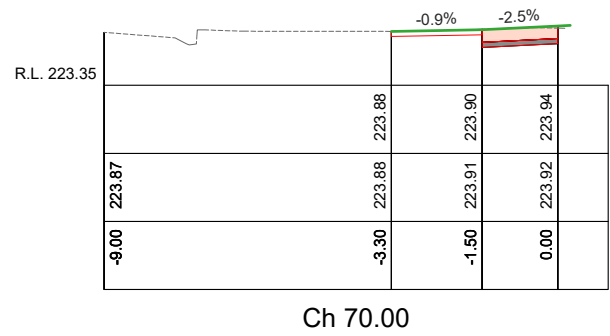
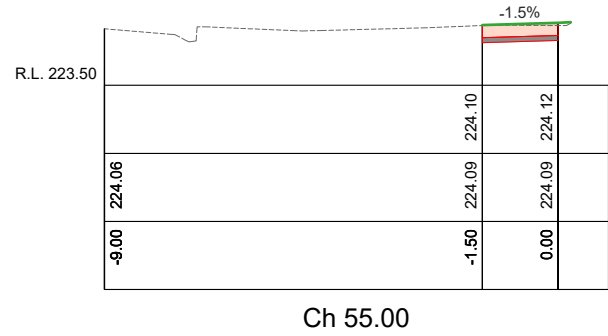
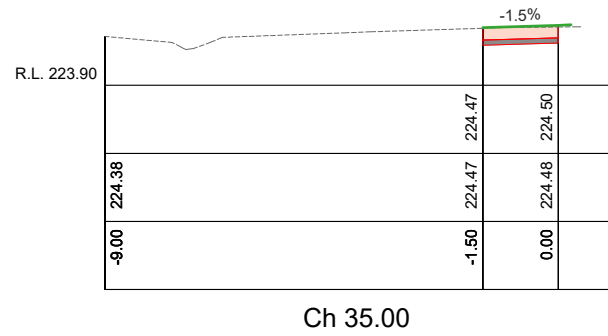
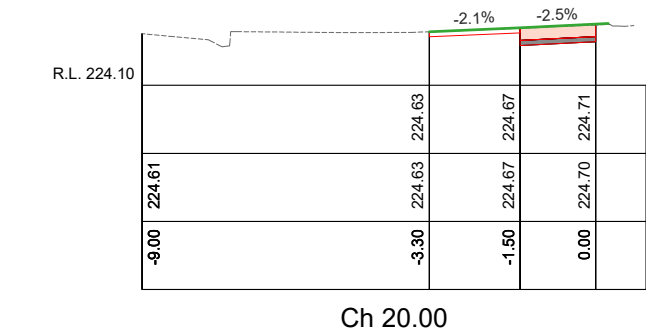
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Scale: **1:250**

Plot Date: 08/02/2024 By: Leigh Oliver

AMENDMENTS

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



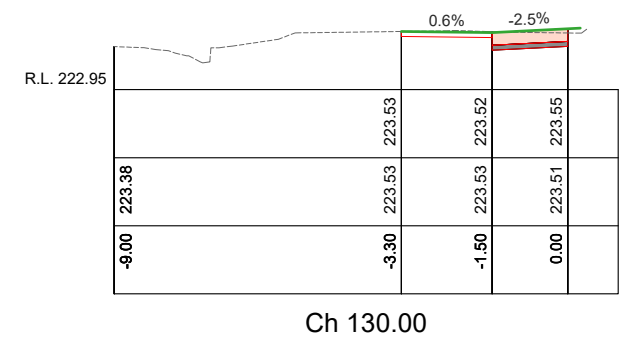
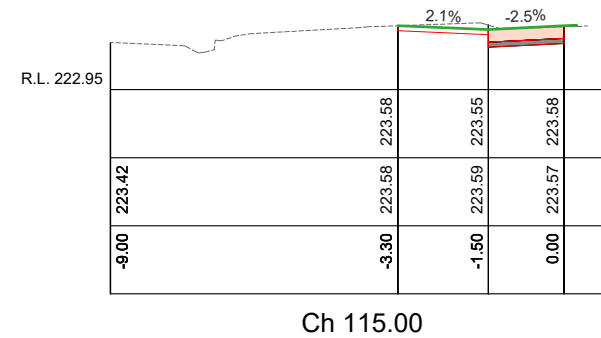
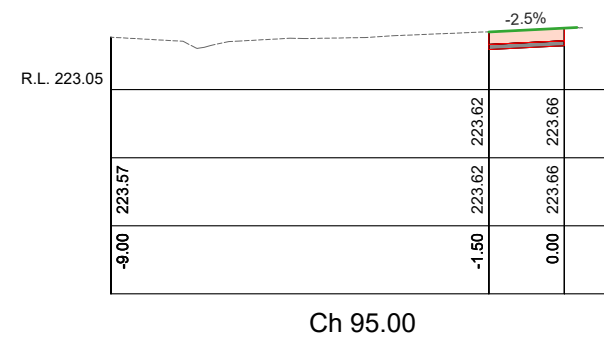
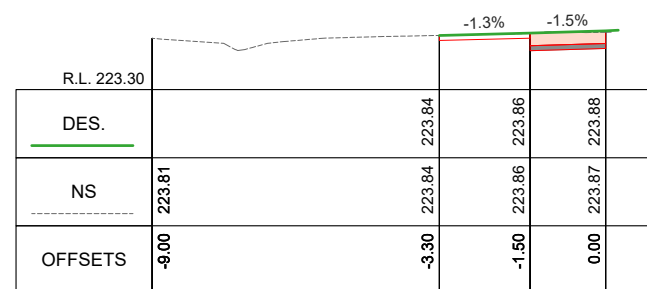
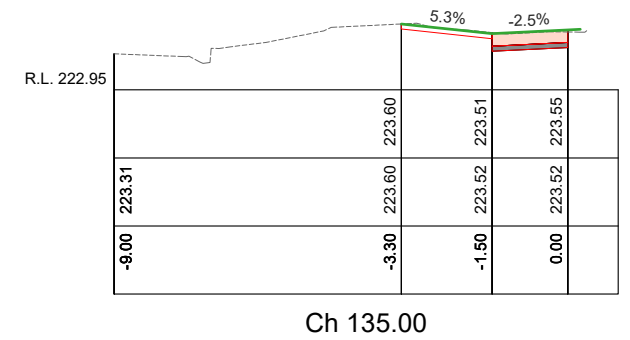
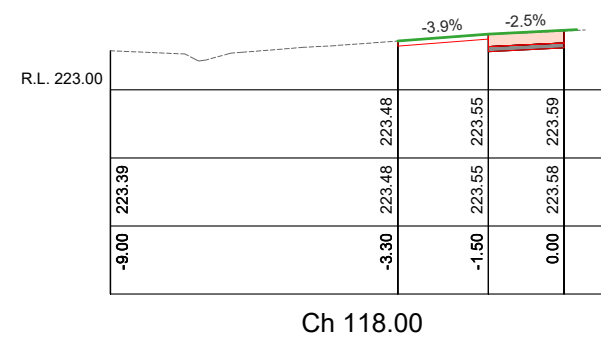
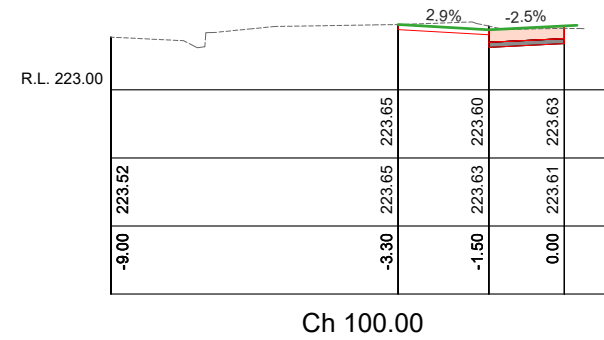
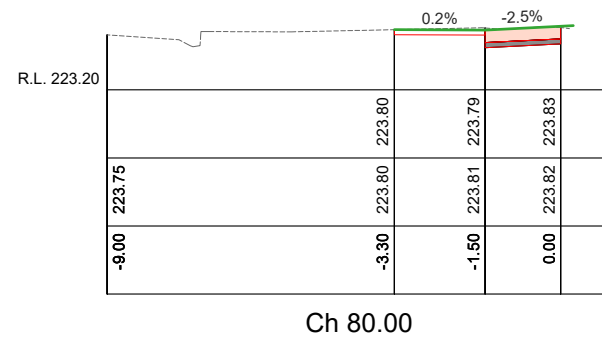
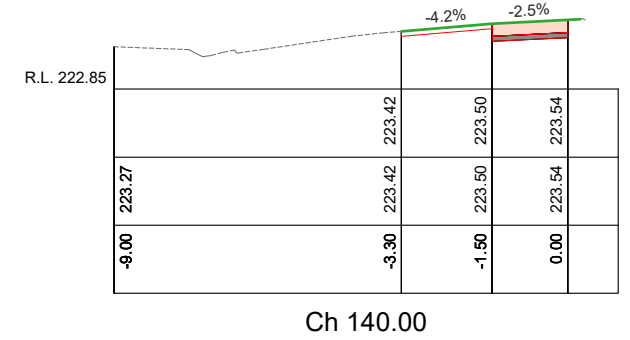
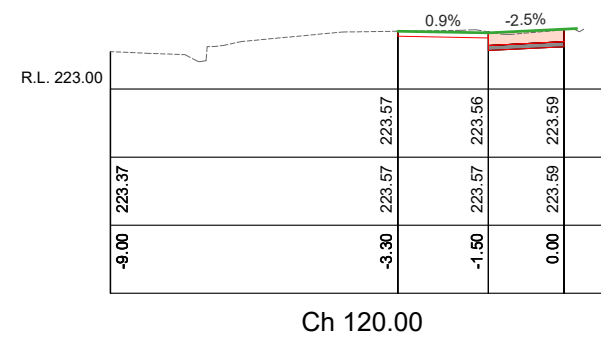
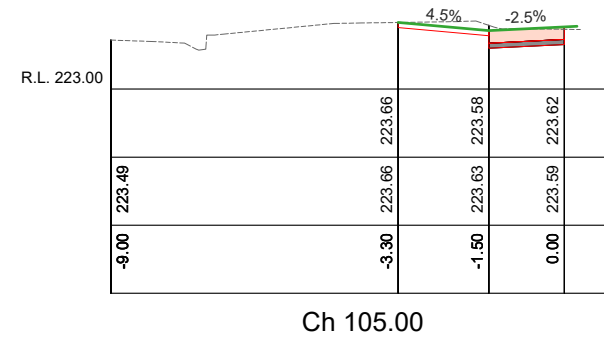
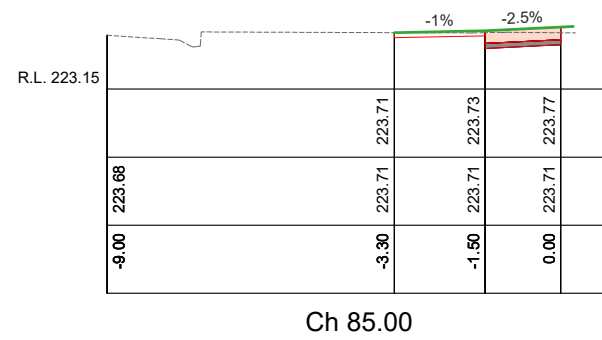
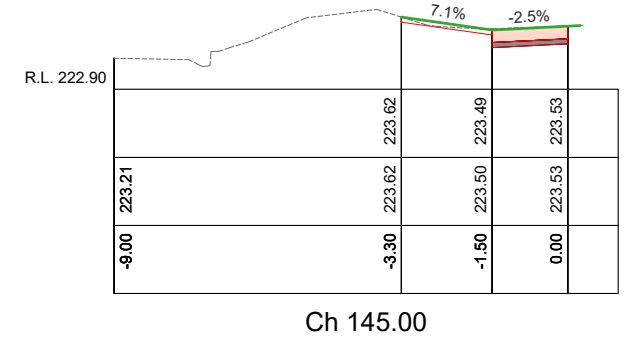
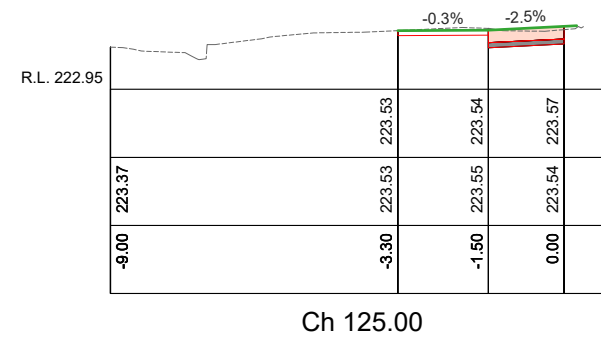
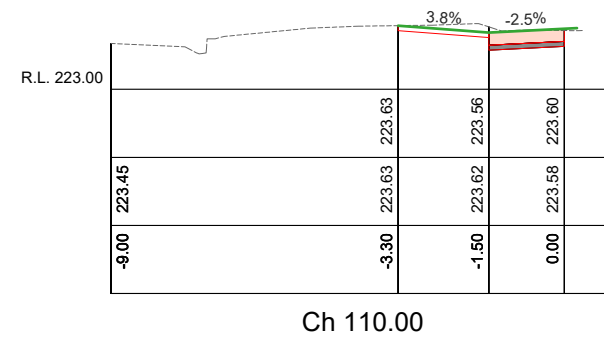
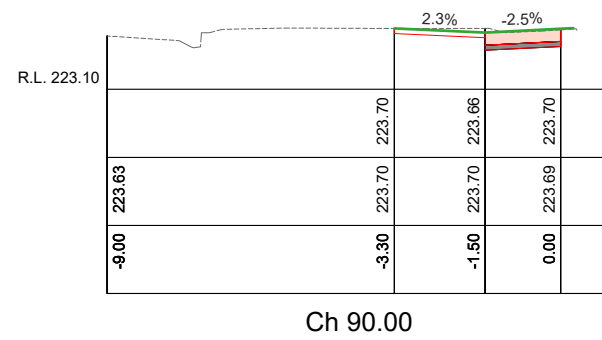
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SCALES: H 1:150 V 1:75 (A3)



PROJECT DESIGN STATUS		
Surveyor	H. WHYTOCK	MAY. 2023
Designer	L. OLIVER	DEC. 2023
Draft Checked	A. SMITH	X/X/23
Tender Approved	N. SARTORI	X/X/23
PRELIMINARY DESIGN DRAFT 2.1		

PROJECT TITLE	
Location:	LILY STREET
Suburb:	BENDIGO
Works:	FOOTPATH RENEWAL
Reference:	GB5116

SHEET DETAILS			
CROSS SECTIONS		Sheet:	6 OF 9
		Scale:	AS SHOWN A3
		Plot Date:08/02/2024 By:Leigh Oliver	
AMENDMENTS			
revision	Description	Approved by	Date
-		-	-
-		-	-
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BFP CROSS SECTIONS Ch 75.00
 SCALES: H 1:150 V 1:75 (A3)

SCALES: H 1:150 V 1:75 (A3)



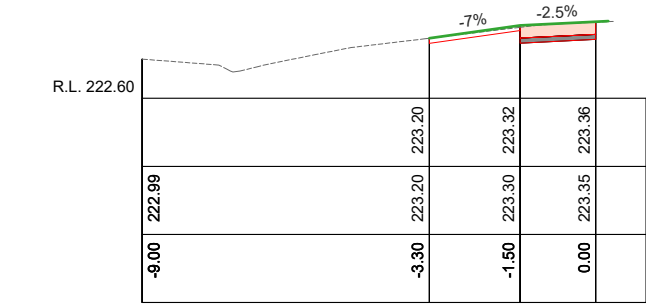
CITY OF GREATER
BENDIGO

PROJECT DESIGN STATUS		
Surveyor	H. WHYTECK	MAY. 202
Designer	L. OLIVER	DEC. 202
Draft Checked	A. SMITH	X/X/23
Tender Approved	N. SARTORI	X/X/23

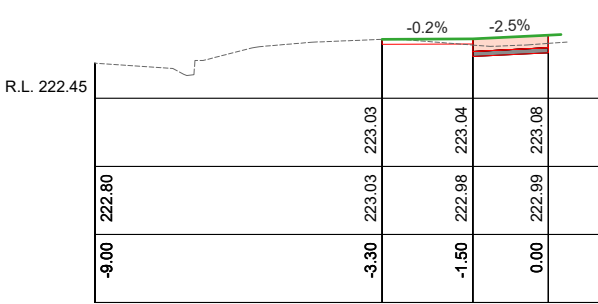
**PRELIMINARY DESIGN
DRAFT 2.1**

PROJECT TITLE	
Location:	LILY STREET
Suburb:	BENDIGO
Works:	FOOTPATH RENEWAL
Reference:	GB5116

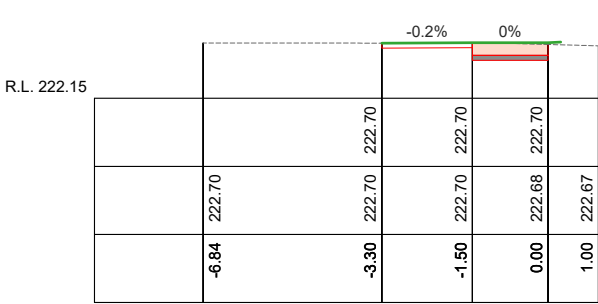
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CROSS SECTIONS		Sheet:	7 OF 9
		Scale:	AS SHOWN A3
		Plot Date:08/02/2024 By: Leigh Oliver	
AMENDMENTS			
Revision	Description	Approved by	Date
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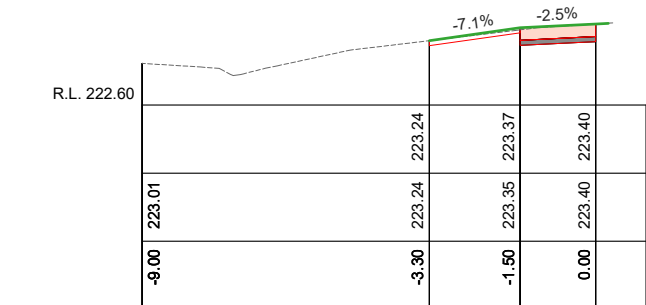
Ch 163.00



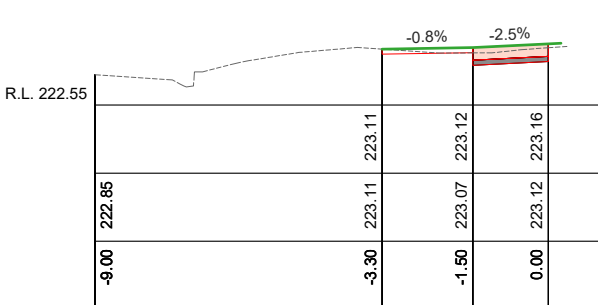
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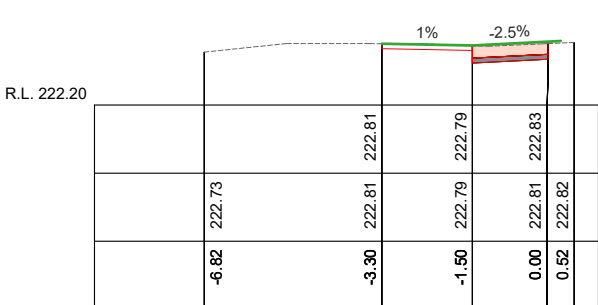
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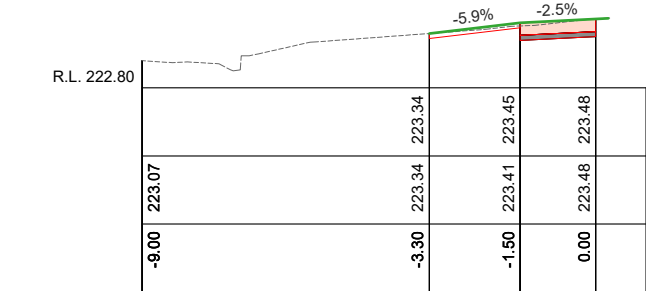
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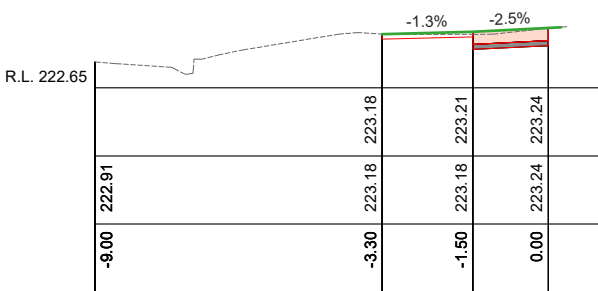
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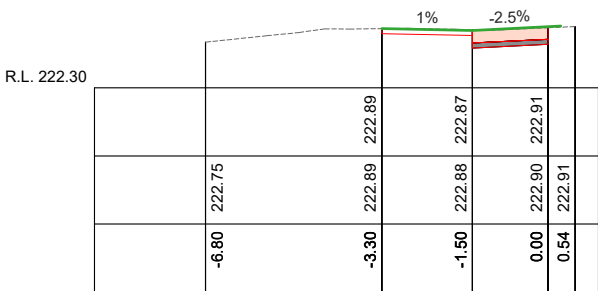
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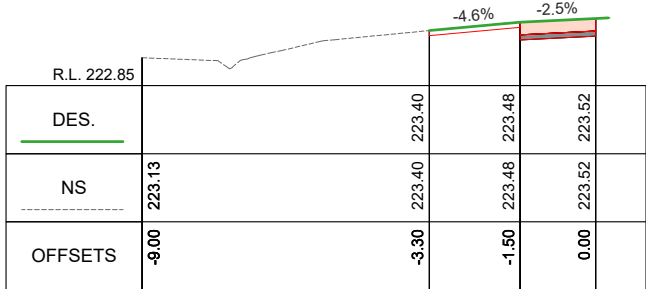
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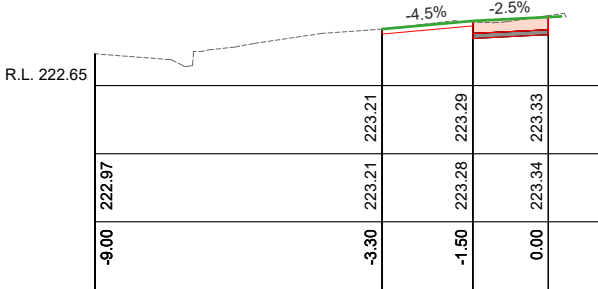
Ch 170.00



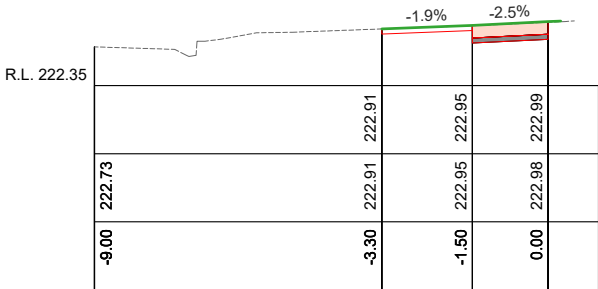
Ch 190.00



Ch 150.00



Ch 165.00



Ch 185.00

BFP CROSS SECTIONS
SCALES: H 1:150 V 1:75 (A3)



CITY OF GREATER
BENDIGO

PROJECT DESIGN STATUS		
Surveyor	H. WHYTOCK	MAY. 2023
Designer	L. OLIVER	DEC. 2023
Draft Checked	A. SMITH	X/X/23
Tender Approved	N. SARTORI	X/X/23
PRELIMINARY DESIGN DRAFT 2.1		

PROJECT TITLE	
Location:	LILY STREET
Suburb:	BENDIGO
Works:	FOOTPATH RENEWAL
Reference:	GB5116

SHEET DETAILS			
CROSS SECTIONS		Sheet:	8 OF 9
		Scale:	AS SHOWN A3
		Plot Date:08/02/2024 By:Leigh Oliver	
AMENDMENTS			
Revision	Description	Approved by	Date
-	-	-	-
-	-	-	-
-	-	-	-

SETOUT ON CONSTRUCTION PLANS



PROJECT DESIGN STATUS		
Surveyor	H. WHYTOCK	MAY. 2023
Designer	L. OLIVER	DEC. 2023
Draft Checked	A. SMITH	X/X/23
Tender Approved	N. SARTORI	X/X/23
PRELIMINARY DESIGN DRAFT 2.1		

PROJECT TITLE	
Location:	LILY STREET
Suburb:	BENDIGO
Works:	FOOTPATH RENEWAL
Reference:	GB5116

SHEET DETAILS			
SETOUT		Sheet:	9 OF 9
		Scale:	1:250 A3
		Plot Date:08/02/2024 By:Leigh Oliver	
AMENDMENTS			
Revision	Description	Approved by	Date
-		-	-
-		-	-