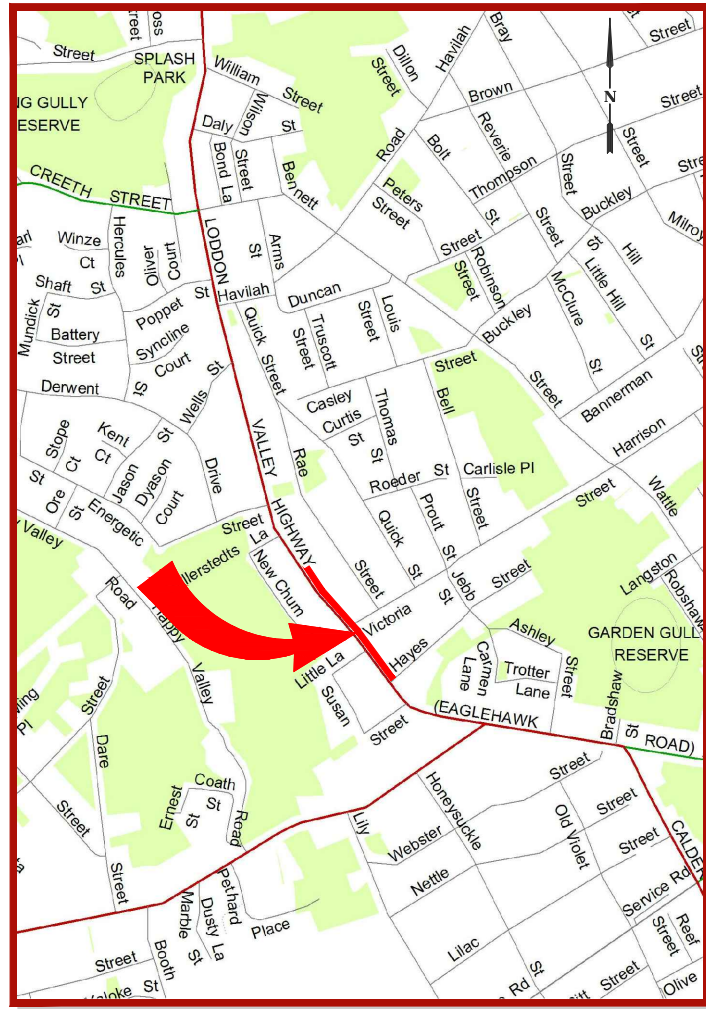
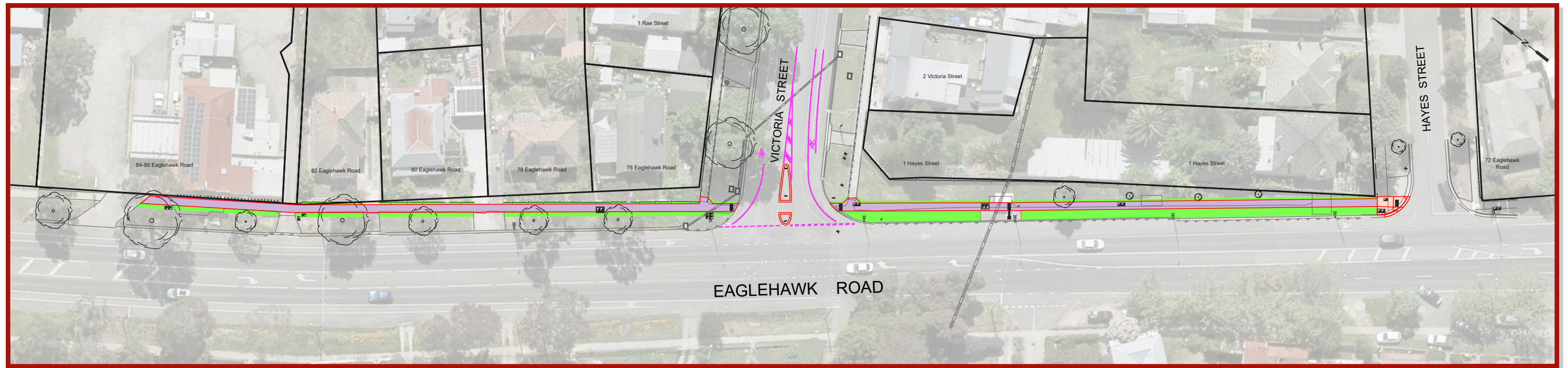


EAGLEHAWK ROAD IRONBARK GB5153 FOOTPATH RENEWAL AUGUST 2023



LOCALITY MAP

DOCUMENT CONTROL				
SHEET No.	SHEET DESCRIPTION.	25/8/23	XX/23	XX/23
		DRAFT	TENDER	CONSTRUCTION
		REVISION	REVISION	REVISION
1	COVER SHEET	A	-	-
2	GENERAL NOTES & TYPICAL PAVEMENT	A	-	-
3 - 5	LAYOUT PLAN & LONG SECTION	A	-	-
6 - 8	CROSS SECTIONS	A	-	-
9	SETOUT	A	-	-



PROJECT EXTENTS

 CITY OF GREATER BENDIGO	PROJECT PLANNING REQUIREMENTS				PROJECT DESIGN STATUS			PROJECT TITLE		SHEET DETAILS		
	Item	Required	Comments	Contractor	Surveyor	H. WHYTOCK	APR. 2023	Location: EAGLEHAWK ROAD IRONBARK FOOTPATH RENEWAL GB5153	COVER SHEET	Sheet: 1 OF 9		
	Vegetation	No	-		Designer	L. OLIVER	AUG. 2023			Scale: -	A3	
	DTP	Yes	Require comment from DTP		Draft Checked	A. SMITH	xx/xx/23			Plot Date:25/08/2023 By:Leigh Oliver		
	CMA	No	-		Tender Approved	N. SARTORI	xx/xx/23					
	Planning Permit	No	-		PRELIMINARY DESIGN DRAFT 2			AMENDMENTS				
	Land Acquisition	No	-					Revision	Description	Approved by	Date	
	CHMP	No	-					-	-	-	-	
	Other	No	-					-	-	-	-	



**PRELIMINARY DESIGN
DRAFT 2**

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	No	-	
DTP	Yes	Require comment from DTP	
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

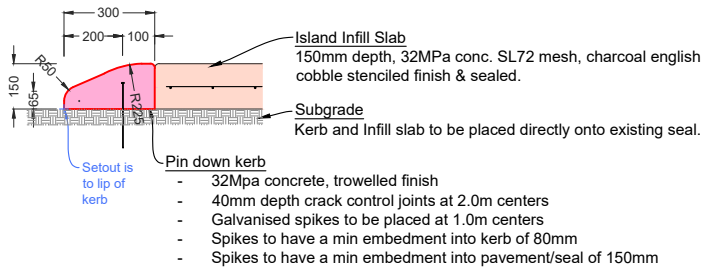
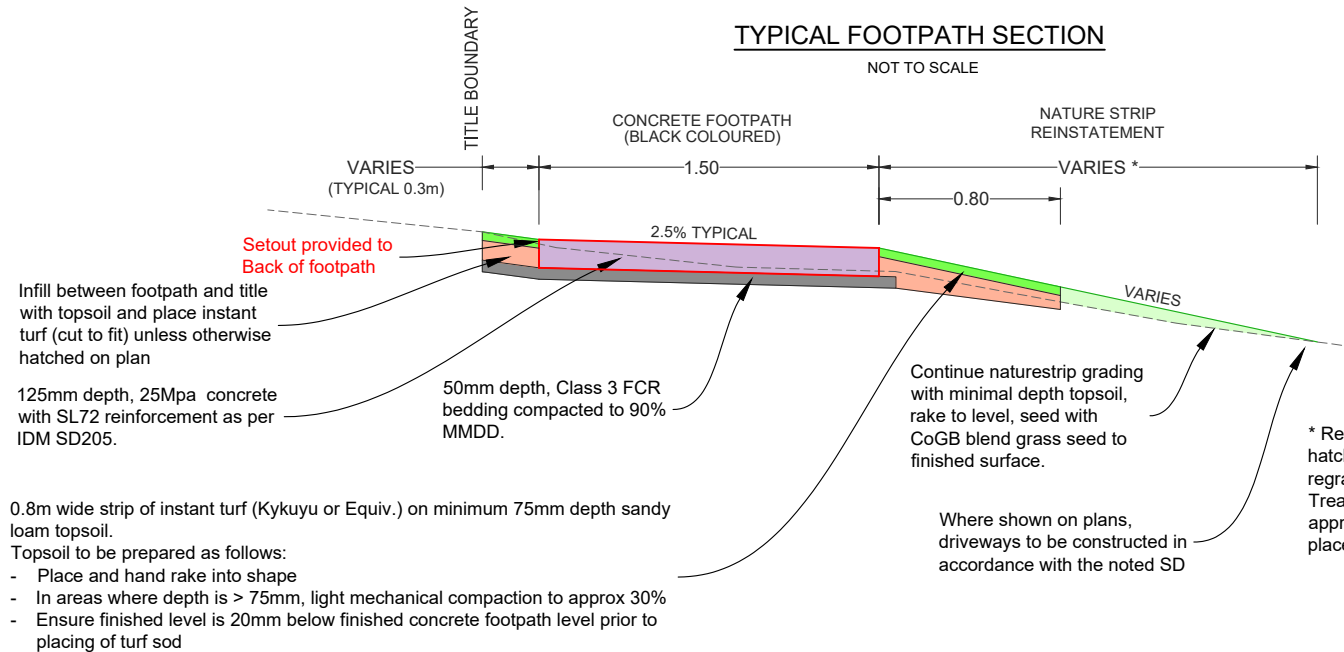
SITE ENVIRONMENTAL MANAGEMENT PLAN

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.



PIN DOWN SM1 KERB DETAIL

1:25



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.

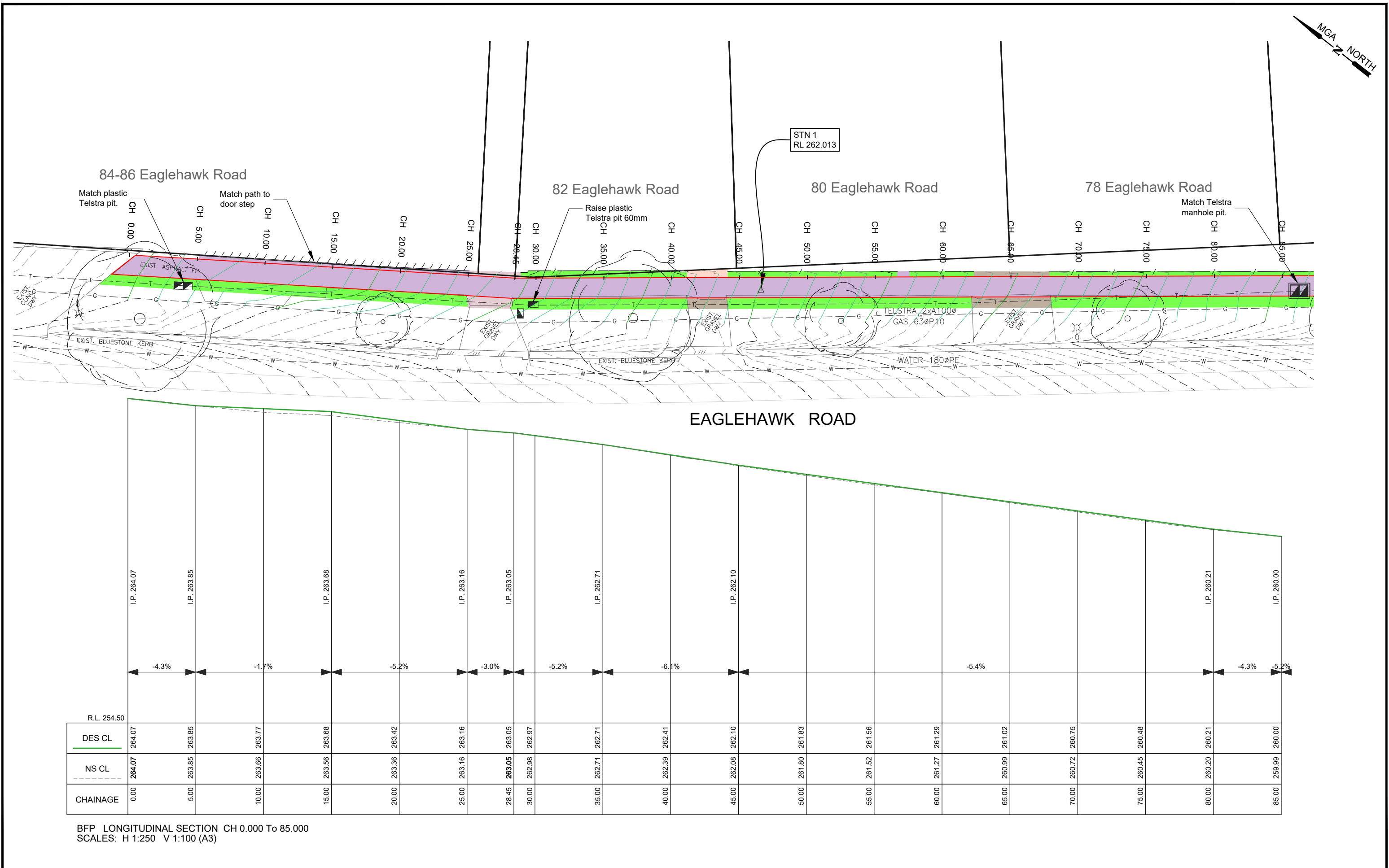


PROJECT DESIGN STATUS		
Surveyor	H. WHYTOCK	APR. 2023
Designer	L. OLIVER	AUG. 2023
Draft Checked	A. SMITH	xx/xx/23
Tender Approved	N. SARTORI	xx/xx/23

**PRELIMINARY DESIGN
DRAFT 2**

PROJECT TITLE	
Location:	EAGLEHAWK ROAD
Suburb:	IRONBARK
Works:	FOOTPATH RENEWAL
Reference:	GB5153

SHEET DETAILS			
GENERAL NOTES & TYPICAL SECTION	Sheet: 2 OF 9		
	Scale: -		A3
	Plot Date:25/08/2023 By:Leigh Oliver		
AMENDMENTS			
Revision	Description	Approved by	Date
-	-	-	-
-	-	-	-



LEGEND			PROJECT DESIGN STATUS			PROJECT TITLE		SHEET DETAILS	
	DESIGN CONTOURS - Levels to AHD (0.10m interval)		Concrete Footpath area: Normal plain Footpath as per IDM SD 205 & SD210		Concrete Driveway area: Industrial plain Dwy as per IDM SD250		Landscape work: Instant turf (Refer: Typical details pg 2)	LAYOUT PLAN & LONG SECTION	Sheet: 3 OF 9
	EXISTING CONTOURS - Levels to AHD (0.10m interval)		Concrete Footpath area: Normal Black Footpath as per IDM SD 205 & SD210		Existing tree to be removed		Landscape work: topsoil and seed (Refer: Typical details pg 2)		Scale: 1:250
	Concrete Kerb area: Normal plain Kerb per IDM SD100 & CoGB SD190,191,192		Concrete Driveway area: Normal plain Dwy as per IDM SD240		Landscape work: Proposed Tree Plant as directed by CoGB Parks		Landscape work: Mulched areas (Refer: Typical details pg 2)	AMENDMENTS	
-		-		-		-		Revision	Description
-		-		-		-		-	-
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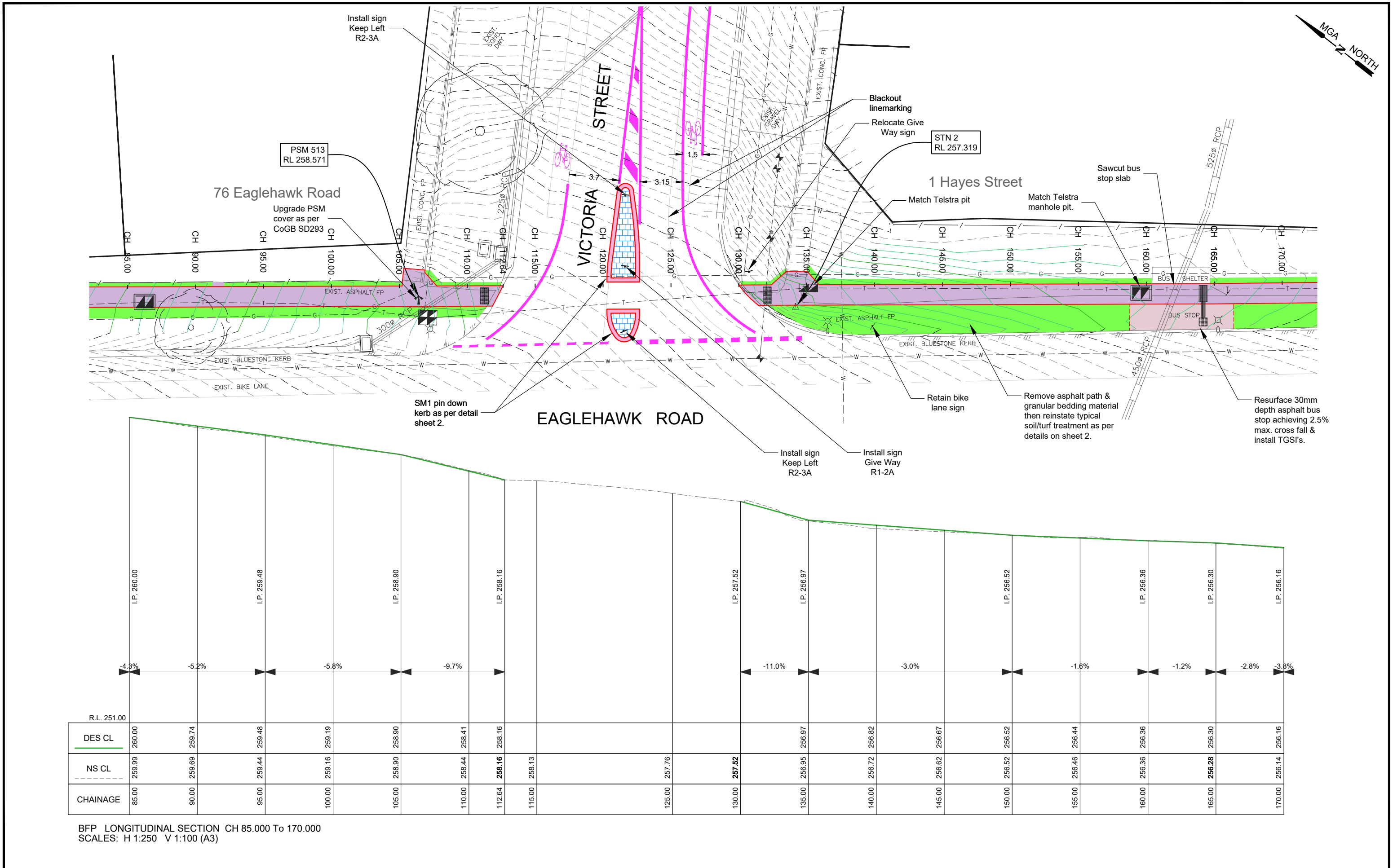
CITY OF GREATER
BENDIGO

Surveyor	H. WHYTECK	APR. 2023
Designer	L. OLIVER	AUG. 2023
Draft Checked	A. SMITH	xx/xx/23
Tender Approved	N. SARTORI	xx/xx/23

PRELIMINARY DESIGN
DRAFT 2

Location:	EAGLEHAWK ROAD
Suburb:	IRONBARK
Works:	FOOTPATH RENEWAL
Reference:	GB5153

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



LEGEND

DESIGN CONTOURS
- Levels to AHD (0.10m interval)

EXISTING CONTOURS
- Levels to AHD (0.10m interval)

Concrete Kerb area: Normal plain
Kerb per IDM SD100 &
CoGB SD190,191,192

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

Concrete Footpath area: Normal Black
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

Existing tree to be removed

Landscape work: Proposed Tree
Plant as directed by CoGB Parks

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. WHYTOCK	APR. 2023
Designer	L. OLIVER	AUG. 2023
Draft Checked	A. SMITH	xx/xx/23
Tender Approved	N. SARTORI	xx/xx/23

PRELIMINARY DESIGN DRAFT 2

PROJECT TITLE

Location: **EAGLEHAWK ROAD**

Suburb: **IRONBARK**

Works: **FOOTPATH RENEWAL**

Reference: **GB5153**

SHEET DETAILS

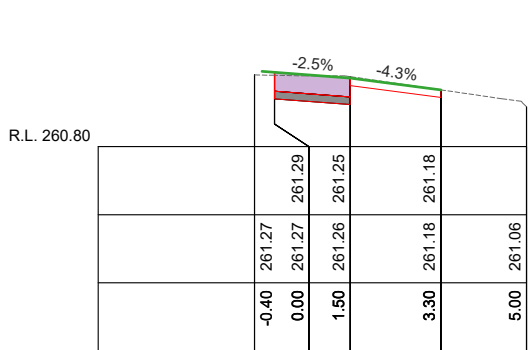
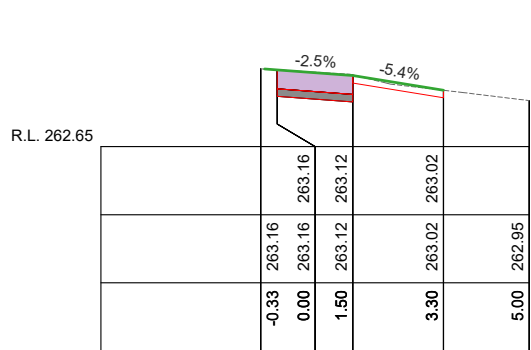
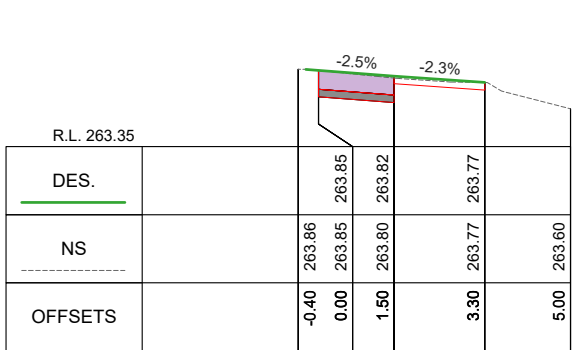
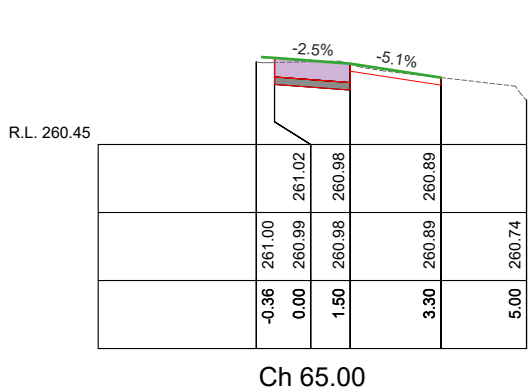
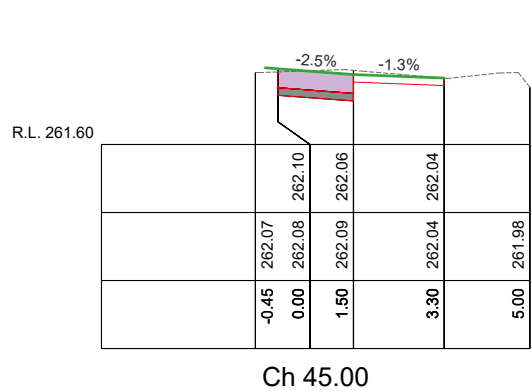
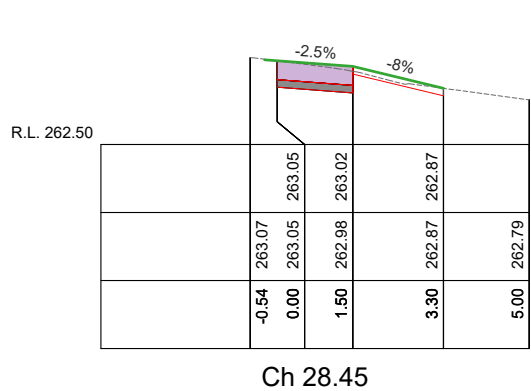
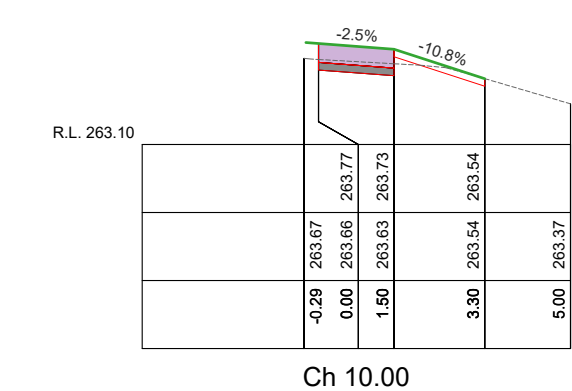
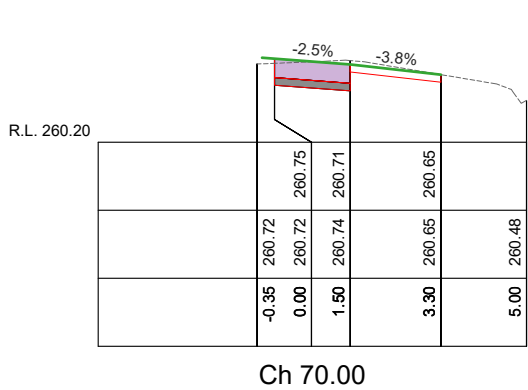
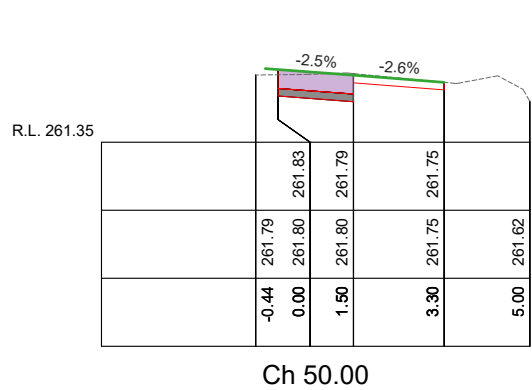
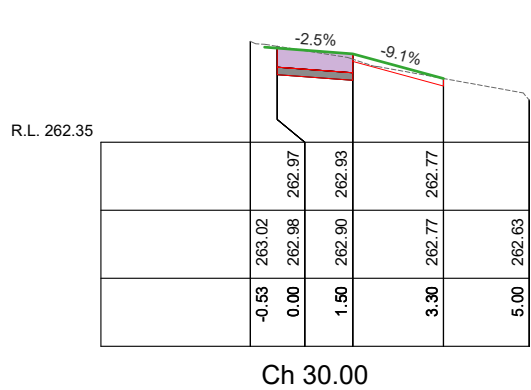
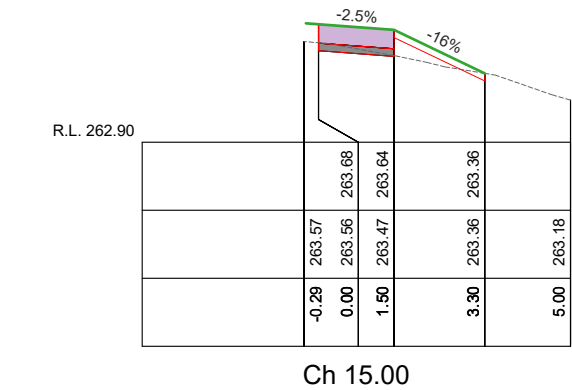
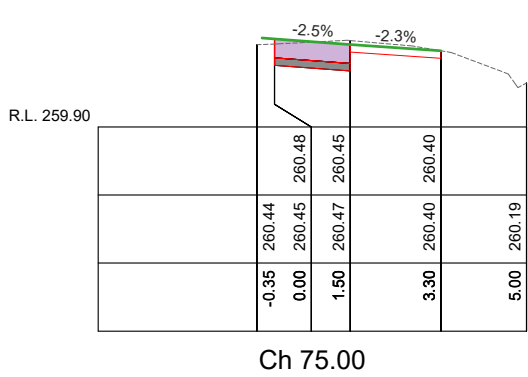
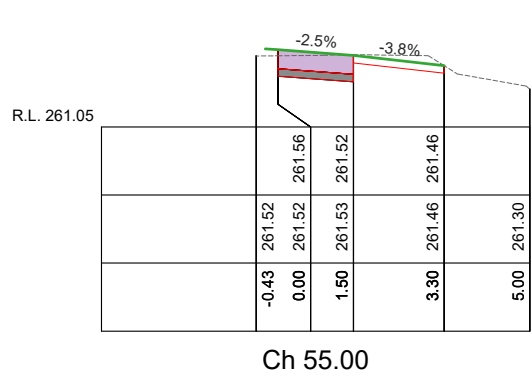
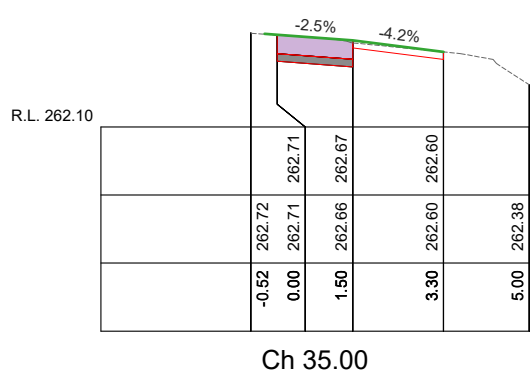
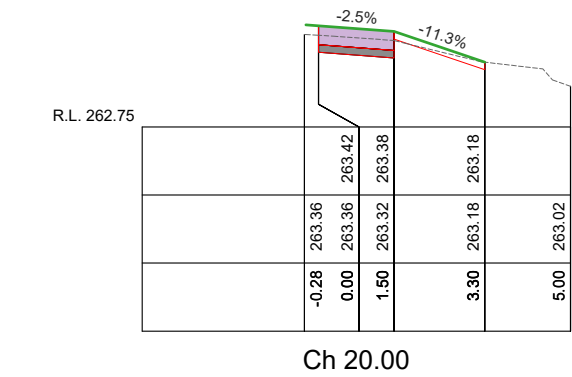
LAYOUT PLAN & LONG SECTION

Sheet: **4 OF 9**

Scale: **1:250**

Plot Date: 25/08/2023 By: Leigh Oliver

AMENDMENTS			
Revision	Description	Approved by	Date
-	-	-	-
-	-	-	-
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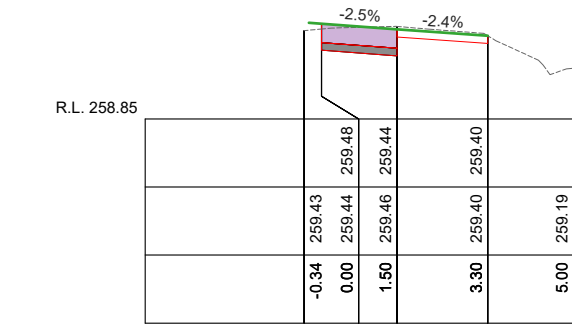
BFP CROSS SECTIONS Ch 5.00
SCALES: H 1:150 V 1:50 (A3)



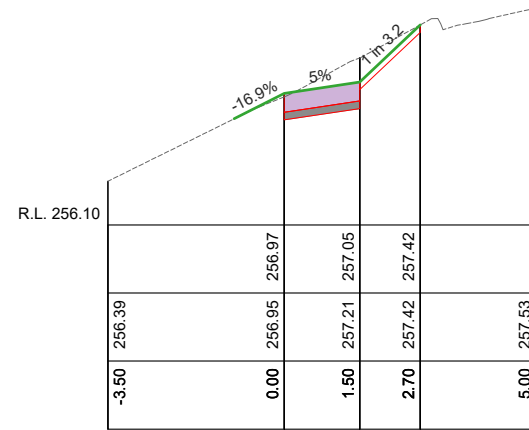
PROJECT DESIGN STATUS		
Surveyor	H. WHYTOK	APR. 2023
Designer	L. OLIVER	AUG. 2023
Draft Checked	A. SMITH	xx/xx/23
Tender Approved	N. SARTORI	xx/xx/23
PRELIMINARY DESIGN DRAFT 2		

PROJECT TITLE	
Location:	EAGLEHAWK ROAD
Suburb:	IRONBARK
Works:	FOOTPATH RENEWAL
Reference:	GB5153

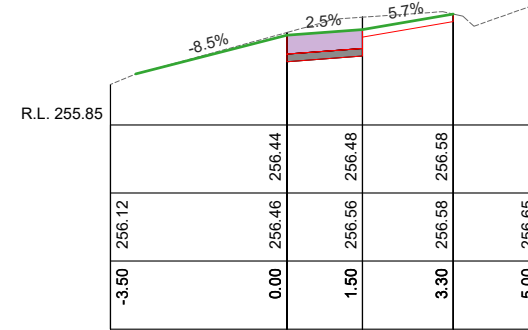
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CROSS SECTIONS		Sheet:	6 OF 9
		Scale:	AS SHOWN A3
		Plot Date:25/08/2023 By:Leigh Oliver	
AMENDMENTS			
Revision	Description	Approved by	Date
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-		-	-



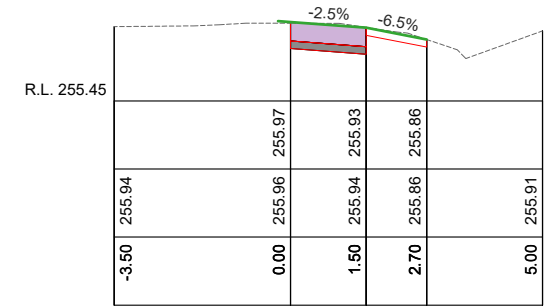
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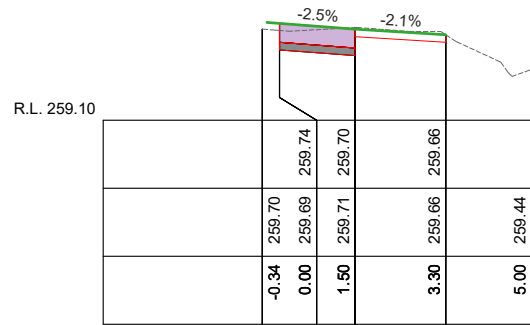
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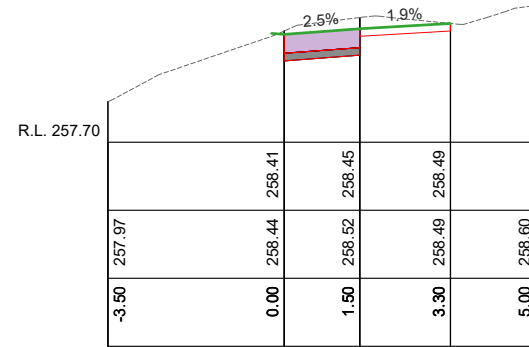
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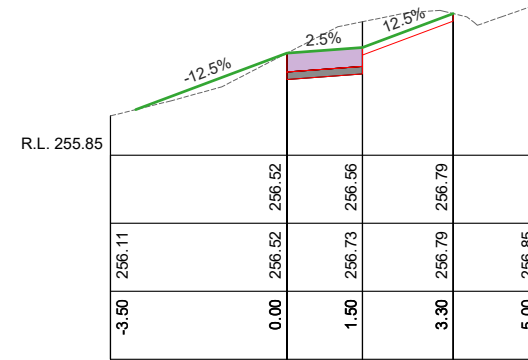
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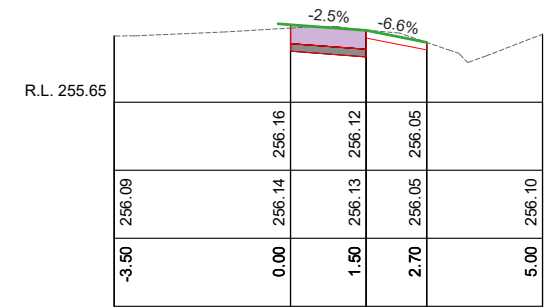
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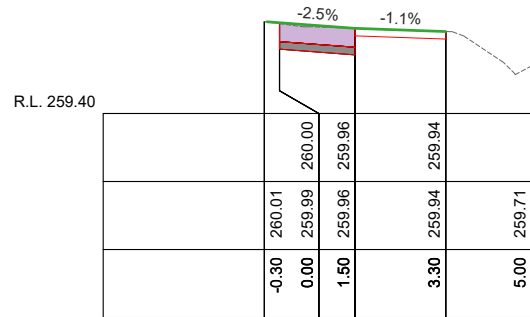
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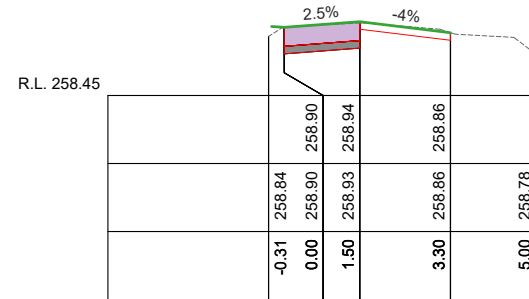
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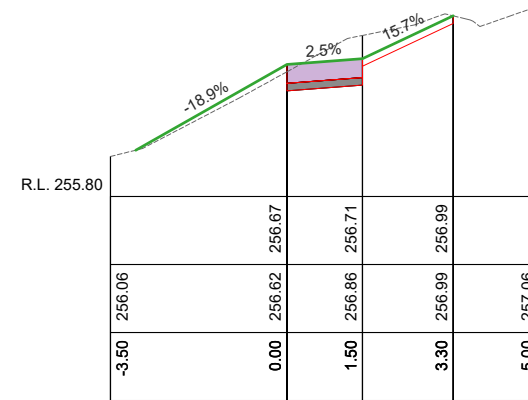
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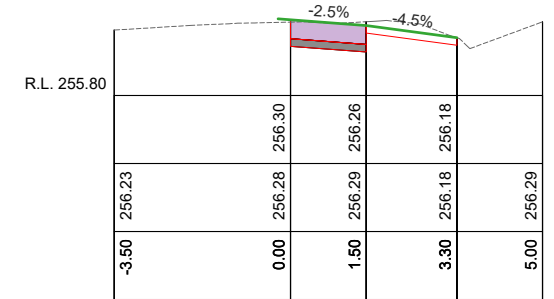
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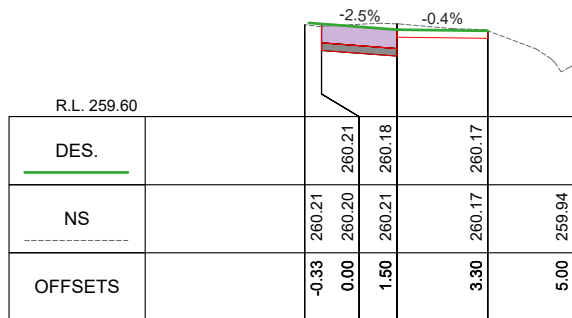
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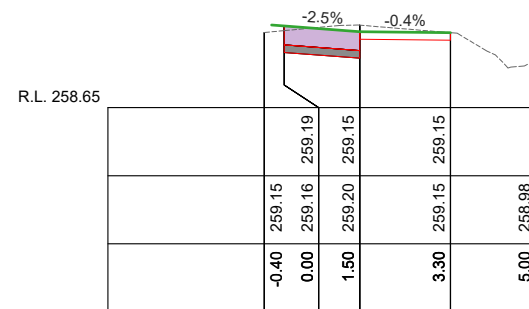
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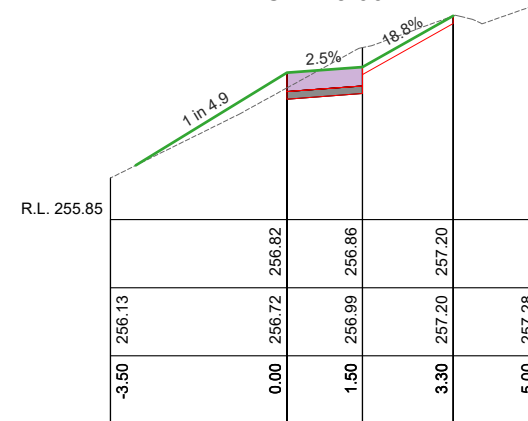
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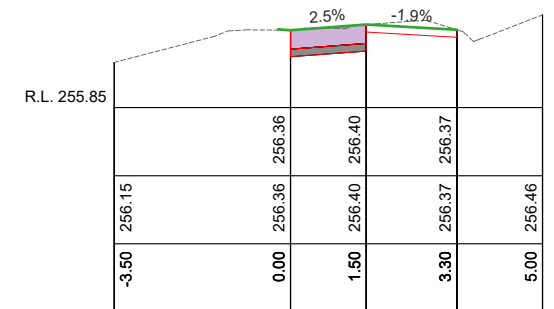
Ch 80.00



Ch 100.00



Ch 140.00



Ch 160.00

BFP CROSS SECTIONS
SCALES: H 1:150 V 1:50 (A3)



CITY OF GREATER
BENDIGO

PROJECT DESIGN STATUS

Surveyor	H. WHYTOCK	APR. 2023
Designer	L. OLIVER	AUG. 2023
Draft Checked	A. SMITH	xx/xx/23
Tender Approved	N. SARTORI	xx/xx/23

**PRELIMINARY DESIGN
DRAFT 2**

PROJECT TITLE

Location: EAGLEHAWK ROAD
Suburb: IRONBARK
Works: FOOTPATH RENEWAL
Reference: GB5153

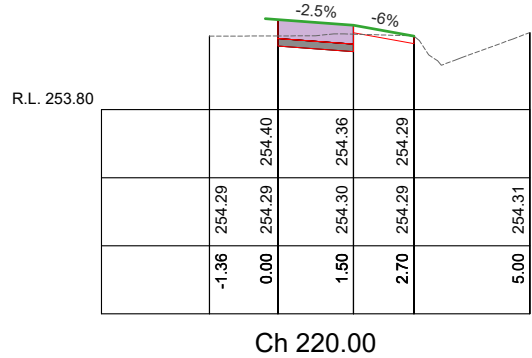
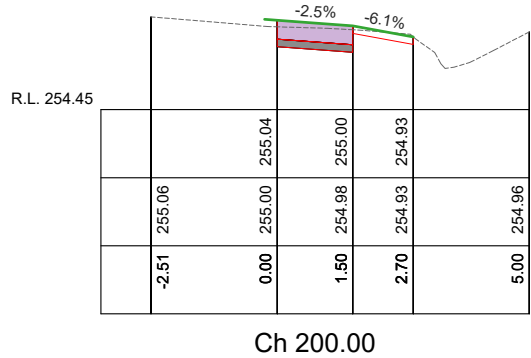
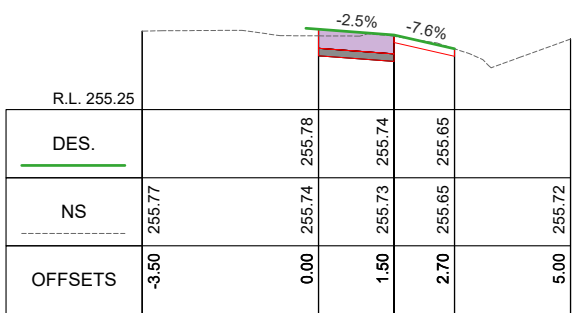
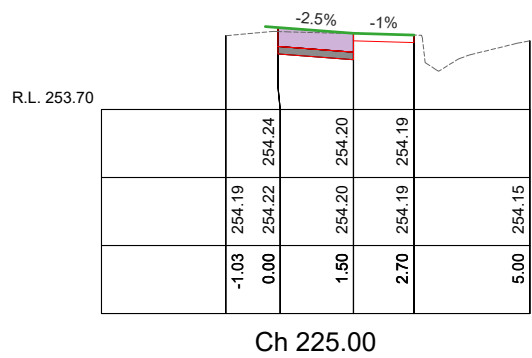
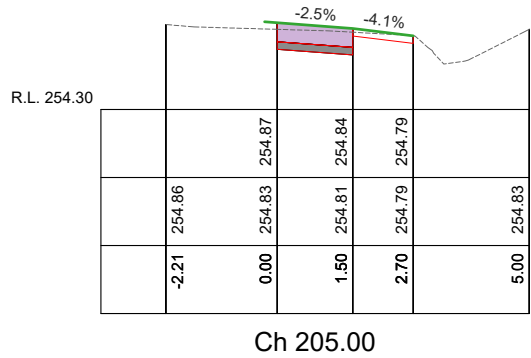
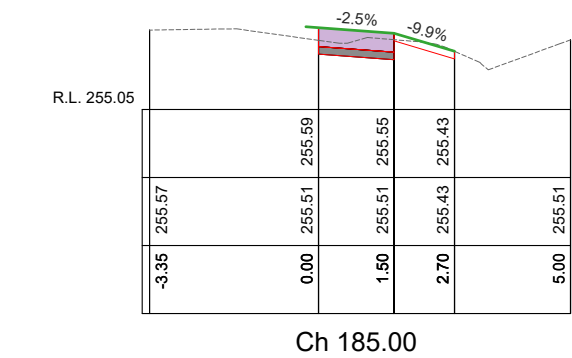
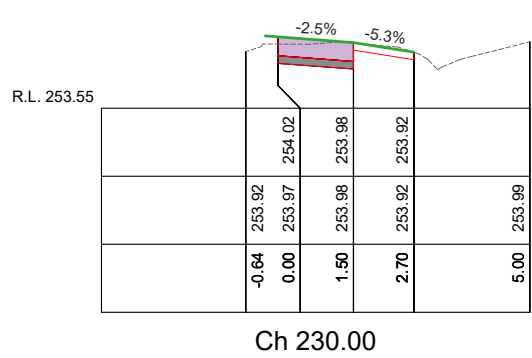
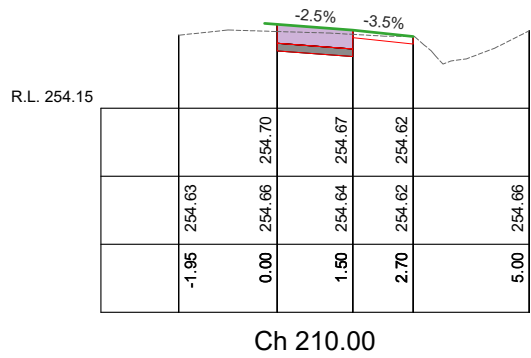
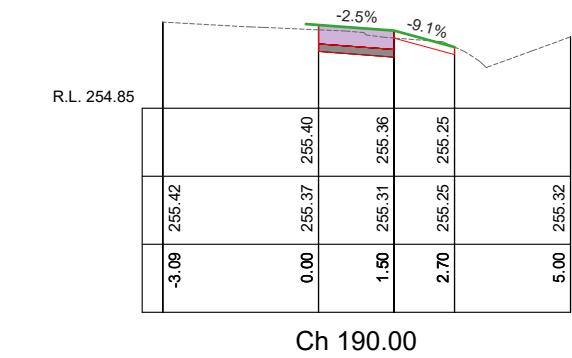
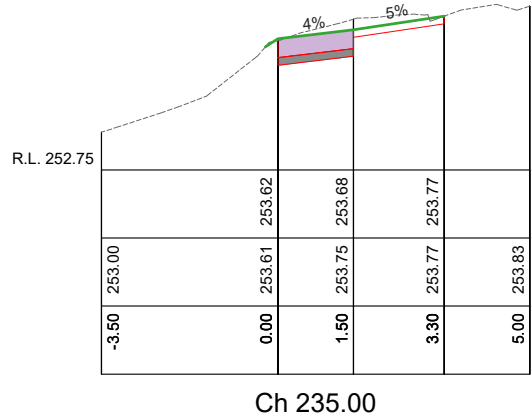
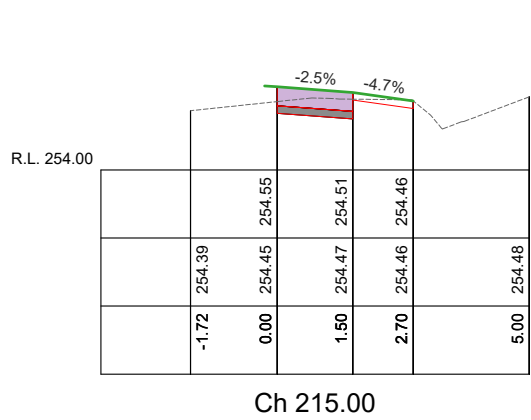
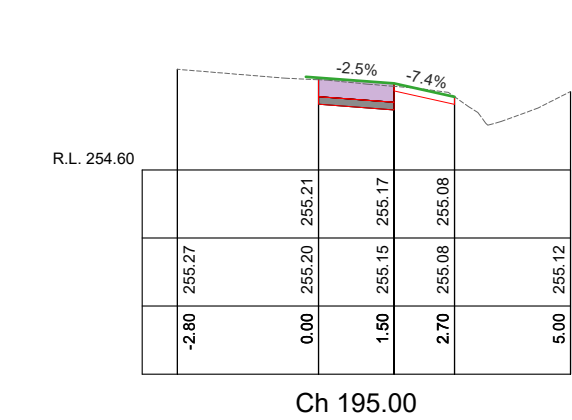
SHEET DETAILS

CROSS SECTIONS

Sheet: 7 OF 9
Scale: AS SHOWN A3
Plot Date: 25/08/2023 By: Leigh Oliver

AMENDMENTS

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



BFP CROSS SECTIONS Ch 180.00
SCALES: H 1:150 V 1:50 (A3)



PROJECT DESIGN STATUS		
Surveyor	H. WHYTOCK	APR. 2023
Designer	L. OLIVER	AUG. 2023
Draft Checked	A. SMITH	xx/xx/23
Tender Approved	N. SARTORI	xx/xx/23
PRELIMINARY DESIGN DRAFT 2		

PROJECT TITLE	
Location:	EAGLEHAWK ROAD
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Reference:	GB5153

SHEET DETAILS			
CROSS SECTIONS		Sheet:	8 OF 9
		Scale:	AS SHOWN A3
		Plot Date:25/08/2023 By:Leigh Oliver	
AMENDMENTS			
Revision	Description	Approved by	Date
-		-	-
-		-	-



PRELIMINARY DESIGN
DRAFT 2