

MISTLETOE STREET, GOLDEN SQUARE

GB5101

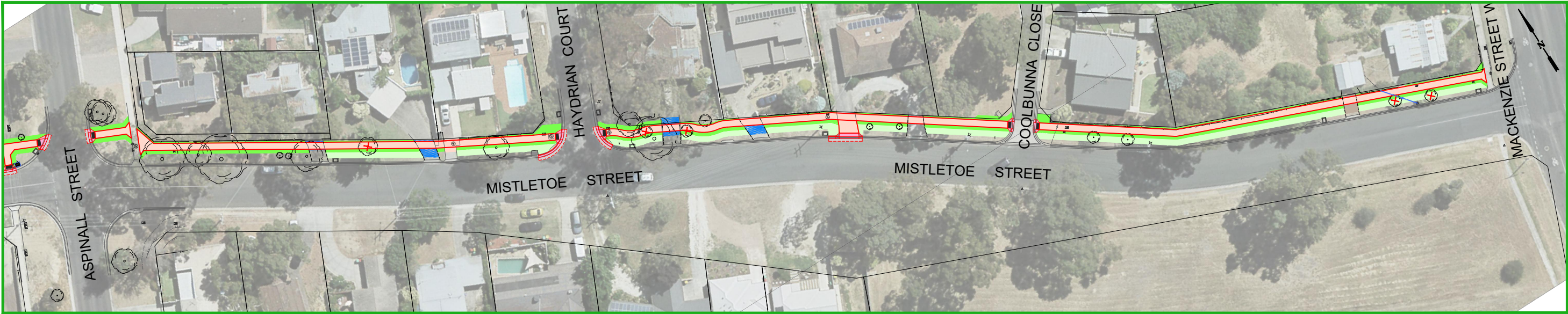
FOOTPATH

JULY 2024

DOCUMENT CONTROL				
SHEET No.	SHEET DESCRIPTION	17/07/2024	xx/xx/xx	xx/xx/xx
		DRAFT REVISION	TENDER REVISION	CONSTRUCTION REVISION
1	COVER SHEET	-	-	-
2	GENERAL NOTES	-	-	-
3	OVERALL LAYOUT & CONTROL	-	-	-
4	DETAIL LAYOUT	-	-	-
5	DETAIL LAYOUT	-	-	-
6	DETAIL LAYOUT	-	-	-
7	DETAIL LAYOUT	-	-	-
8	CROSS SECTIONS	-	-	-
9	CROSS SECTIONS	-	-	-
10	SETOUT	-	-	-



LOCALITY MAP



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		Item	Required	Comments			Location: Mistletoe Street Suburb: Golden Square Works: Footpath GB No: GB5101		COVER SHEET	Sheet number: 1 of 10
		Vegetation	Yes	Arborist to inspect prior & during works						Plan Scale: - A3
		RRV	No	-						Plotted: 22/07/2024 By: Andrew Smith
		CMA	No	-	PRELIMINARY DESIGN DRAFT 6				SHEET REVISIONS AFTER TENDER	
		Planning Permit	No	-					Revision	Description
		Land Acquisition	No	-					Approved by	Date
		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

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
- 702 Subsurface Drainage
- 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

- 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	Arborist to inspect prior & during 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

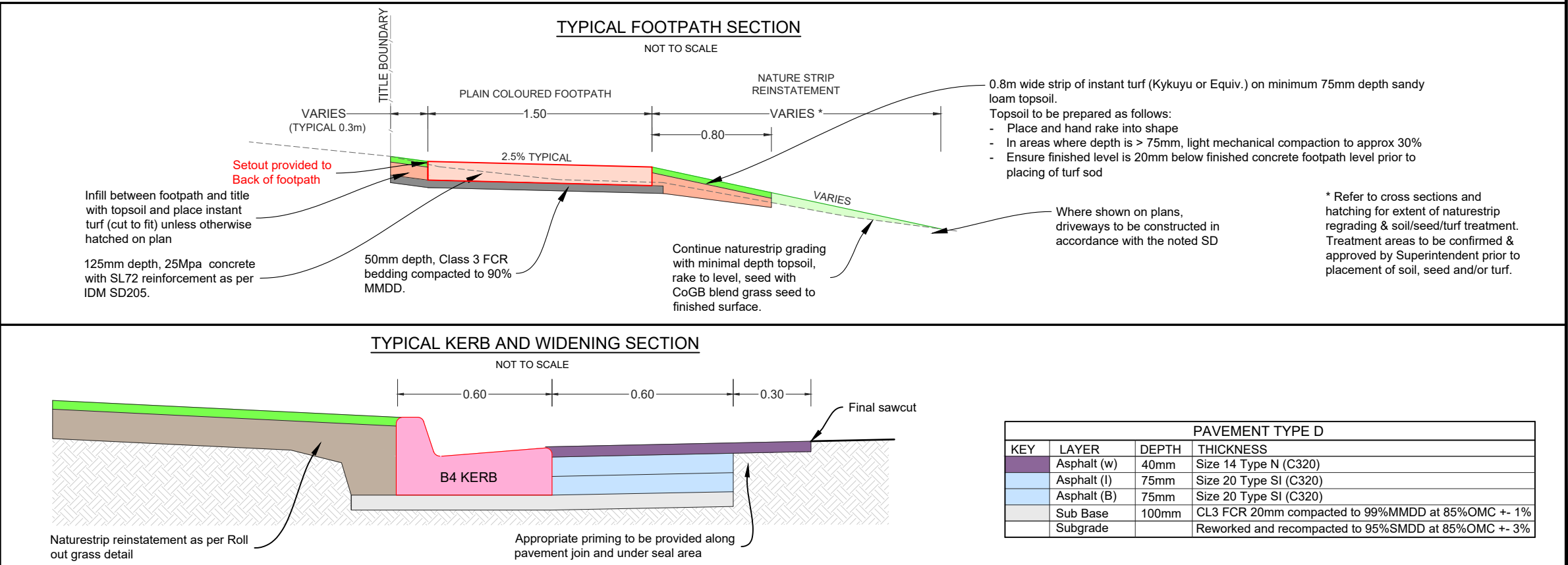
SITE ENVIRONMENTAL MANAGEMENT PLAN

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.



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.

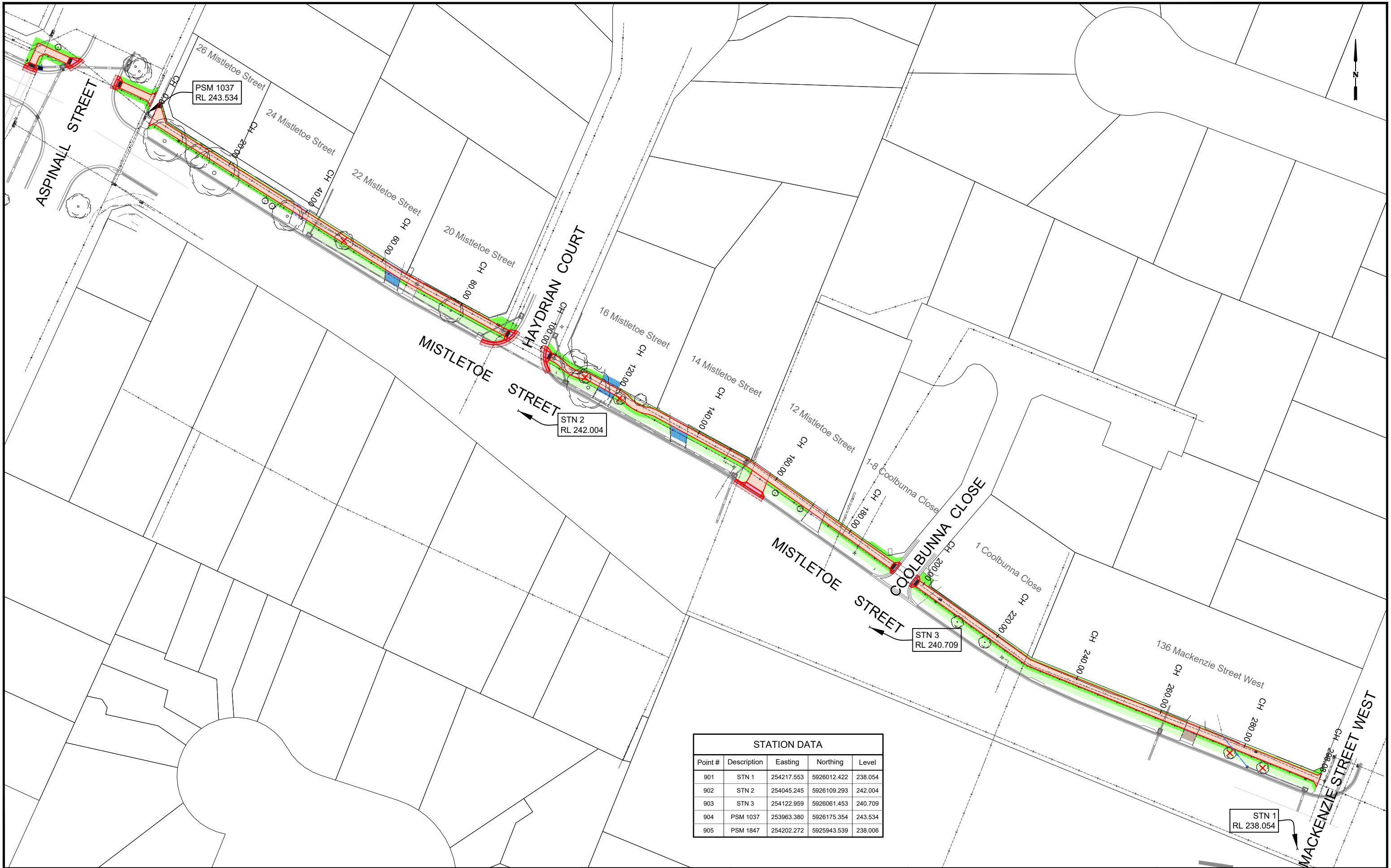


PROJECT DESIGN STATUS		
Surveyor:	H. Whytock	01/06/2023
Designer:	A. Smith	14/06/2023
Draft Checked:	L. Oliver	xx/xx/2023
Tender Approved:	N. Sartori	xx/xx/2023

**PRELIMINARY DESIGN
DRAFT 6**

PROJECT DETAILS	
Location:	Mistletoe Street
Suburb:	Golden Square
Works:	Footpath
GB No:	GB5101

SHEET DETAILS			
GENERAL NOTES		Sheet number:	2 of 10
		Plan Scale:	- A3
		Plotted:	22/07/2024 By: Andrew Smith
SHEET REVISIONS AFTER TENDER			
Revision	Description	Approved by	Date
-	-	-	-
-	-	-	-
-	-	-	-



STATION DATA				
Point #	Description	Easting	Northing	Level
901	STN 1	254217.553	5926012.422	238.054
902	STN 2	254045.245	5926109.293	242.004
903	STN 3	254122.959	5926061.453	240.709
904	PSM 1037	253963.380	5926175.354	243.534
905	PSM 1847	254202.272	5925943.539	238.006

SURVEY NOTES
Survey has been conducted to:

- MGA 2020 and orientated via PSM1037 & PSM1847
- Coordinates have been centred on PSM1037
- Survey level has been tied to AHD via PSM1037

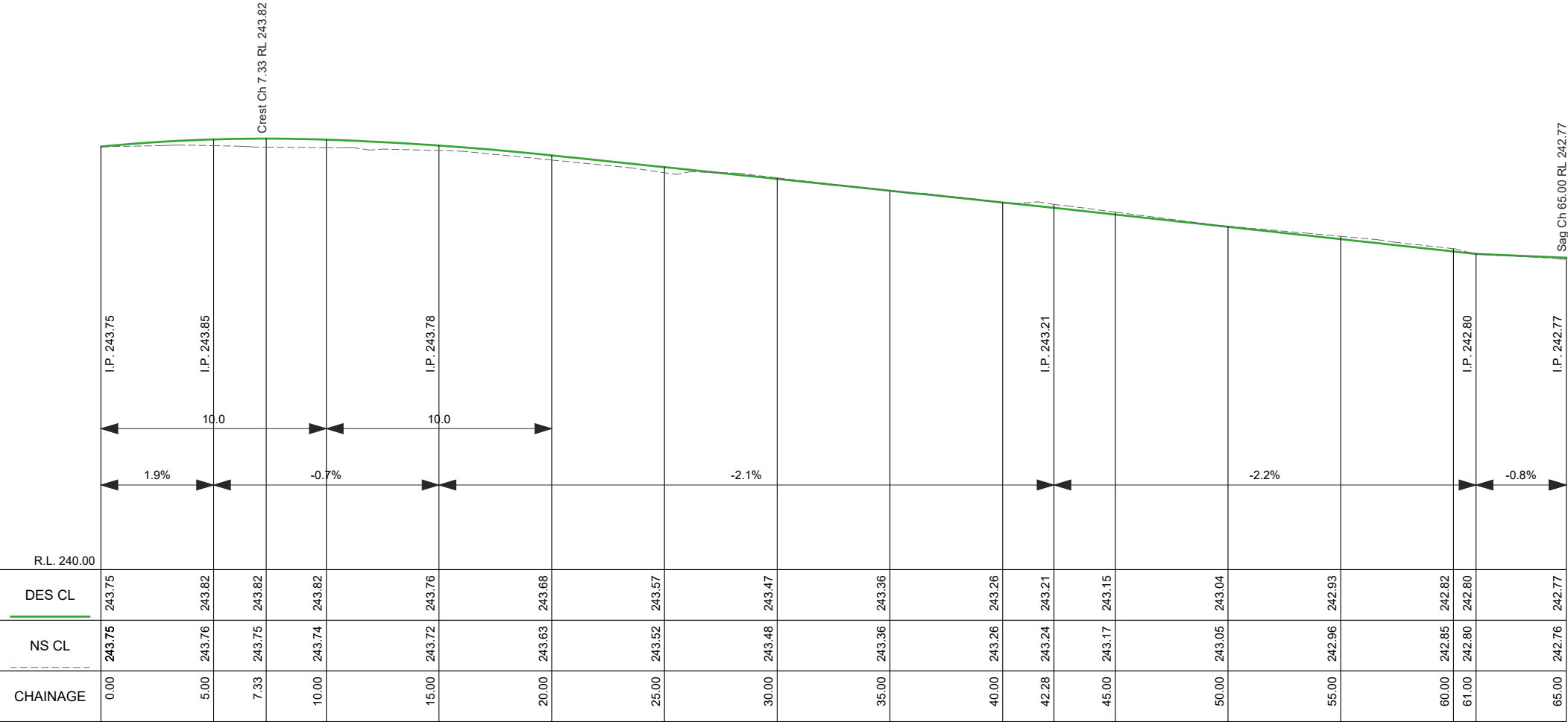
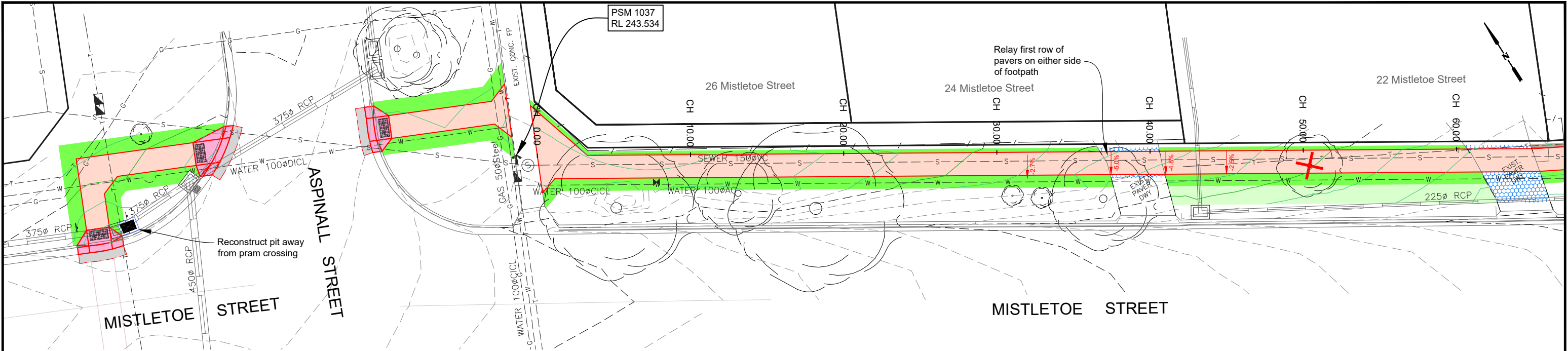


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DRAFT 6

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Location:	Mistletoe Street
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SHEET DETAILS	
OVERALL LAYOUT & CONTROL	
Sheet number:	3 of 10
Plan Scale:	1:750
Plotted:	22/07/2024 By: Andrew Smith
SHEET REVISIONS AFTER TENDER	
Revision	Description
-	-
-	-
-	-



FP LONGITUDINAL SECTION CH 0.000 To 65.000
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)

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)

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PRELIMINARY DESIGN DRAFT 6

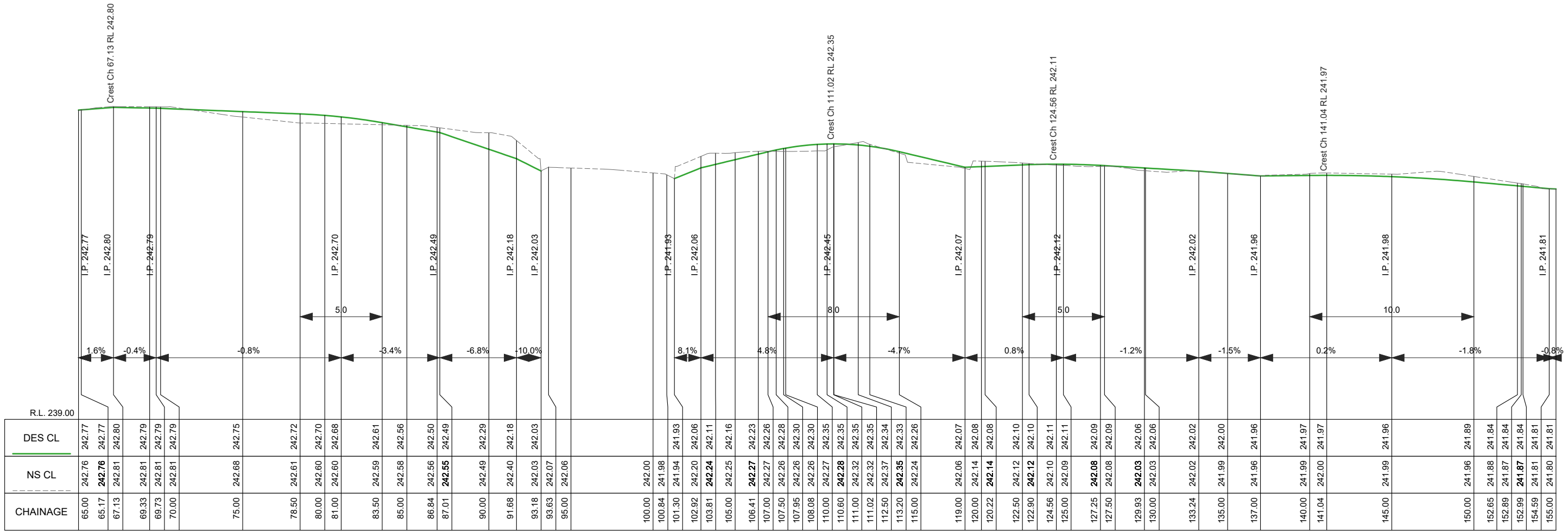
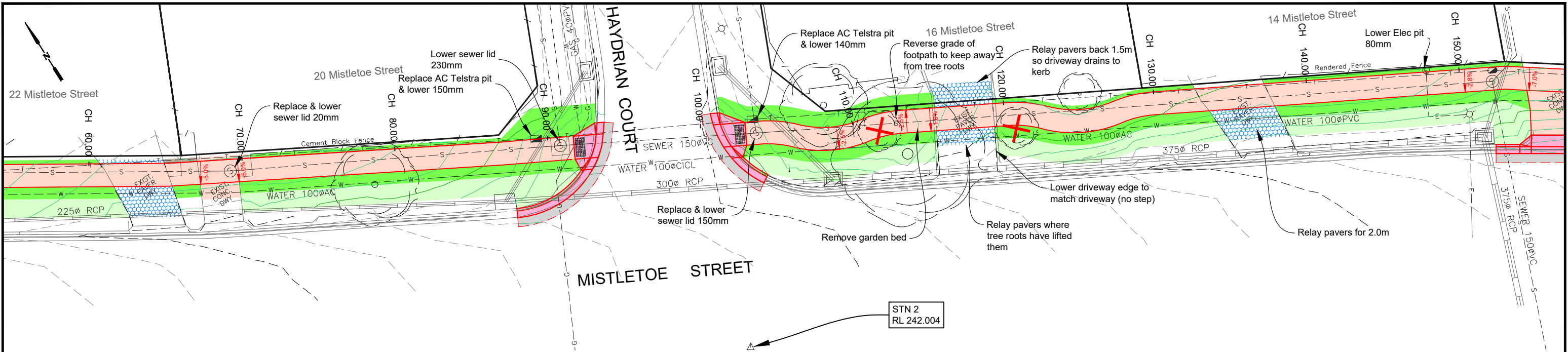
PROJECT DETAILS

Location: Mistletoe Street
Suburb: Golden Square
Works: Footpath
GB No: GB5101

SHEET DETAILS

Sheet number: 4 of 10
Plan Scale: 1:250
Plotted: 22/07/2024 By: Andrew Smith

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



FP LONGITUDINAL SECTION CH 65.000 To 155.000
SCALES: H 1:250 V 1:50 (A3)

LEGEND

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CITY OF GREATER
BENDIGO

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**PRELIMINARY DESIGN
DRAFT 6**

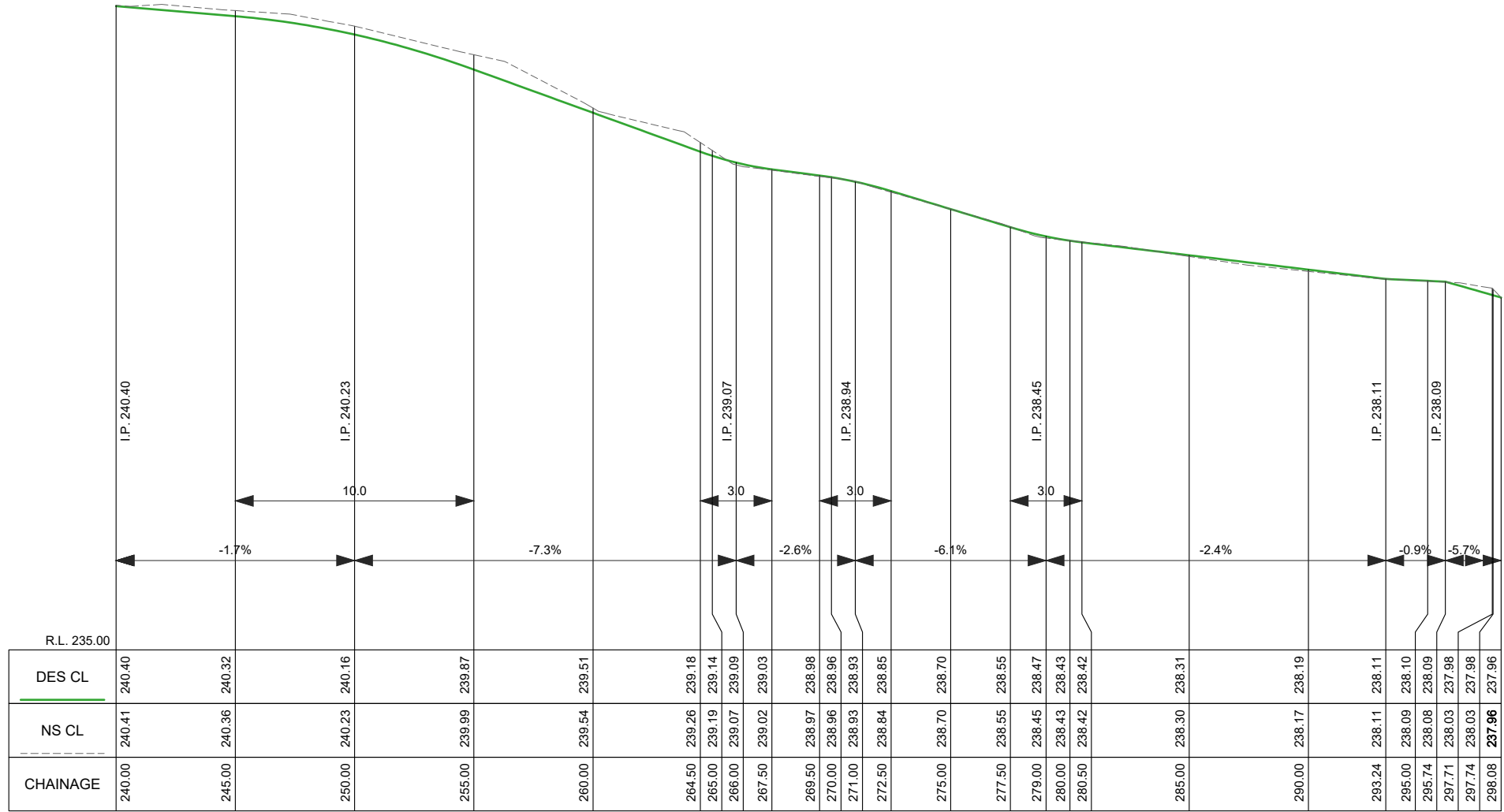
PROJECT DETAILS

Location: Mistletoe Street
Suburb: Golden Square
Works: Footpath
GB No: GB5101

SHEET DETAILS

Sheet number: 5 of 10
Plan Scale: 1:250
Plotted: 22/07/2024 By: Andrew Smith

SHEET REVISIONS AFTER TENDER		Approved by		Date
Revision	Description			
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FP LONGITUDINAL SECTION CH 240.000 To 298.082
SCALES: H 1:250 V 1:50 (A3)

DESIGN CONTOURS
- Levels to AHD (0.10m interval)

EXISTING CONTOURS
- Levels to AHD (0.10m interval)

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PROJECT DETAILS

Location: Mistletoe Street

Suburb: Golden Square

Works: Footpath

GB No: GB5101

SHEET DETAILS

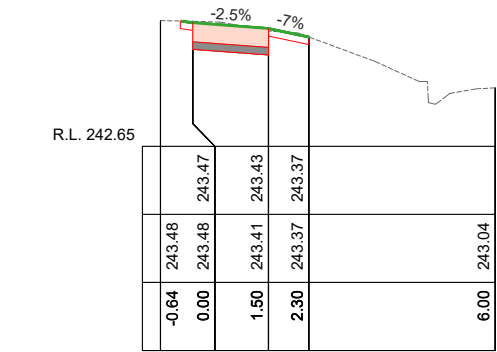
DETAIL LAYOUT

Sheet number: 7 of 10

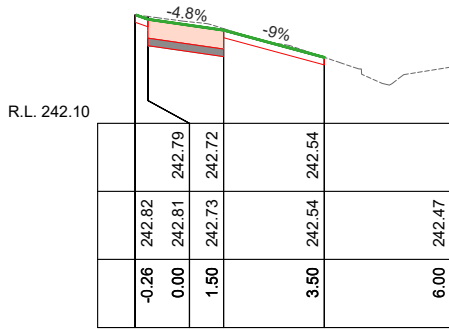
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Plotted: 22/07/2024 By: Andrew Smith

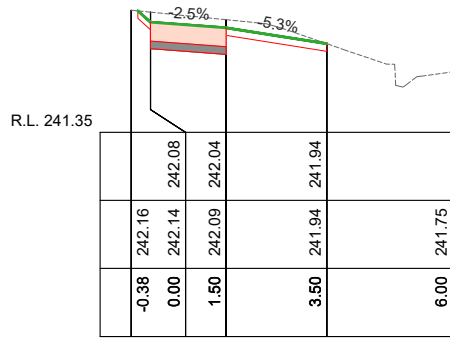
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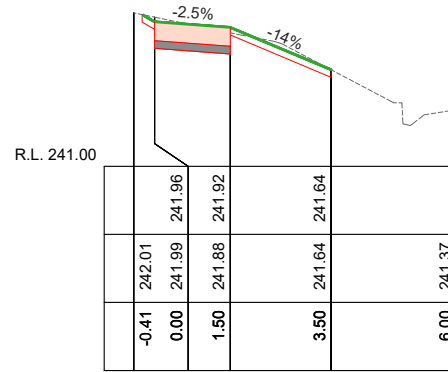
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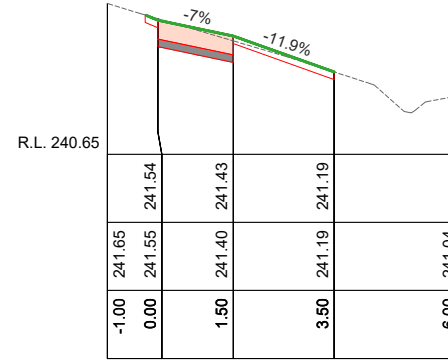
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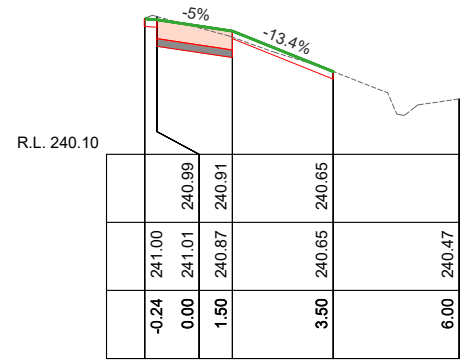
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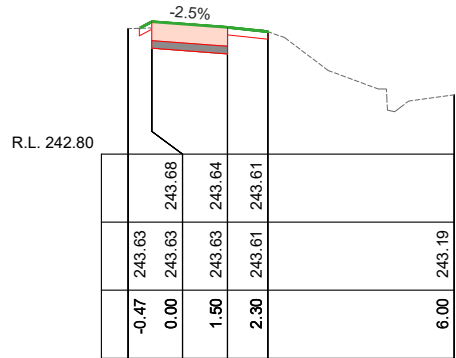
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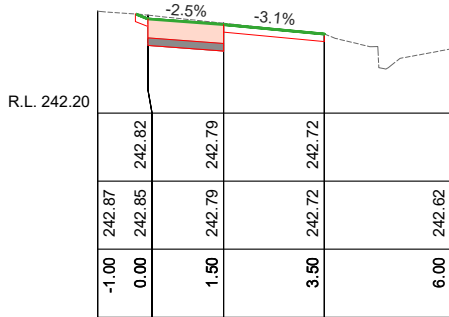
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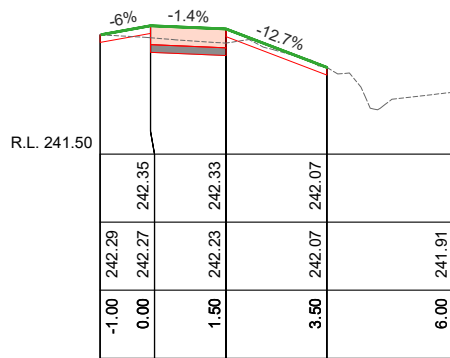
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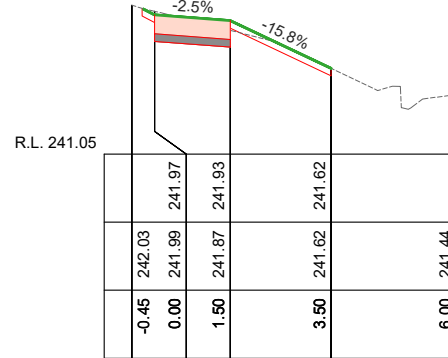
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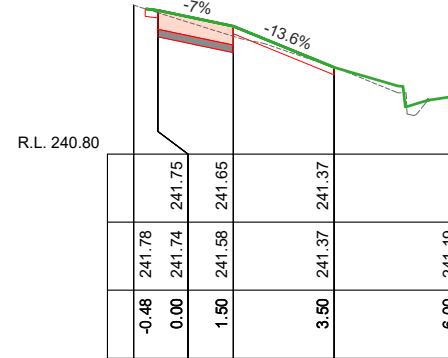
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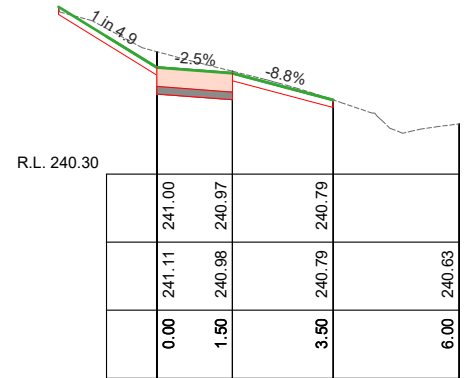
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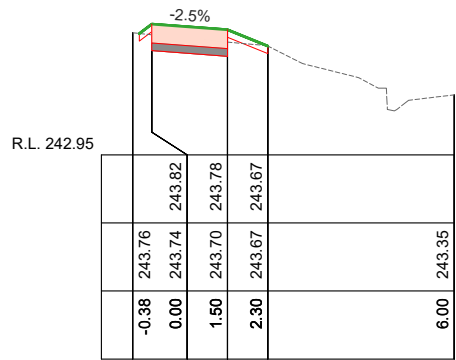
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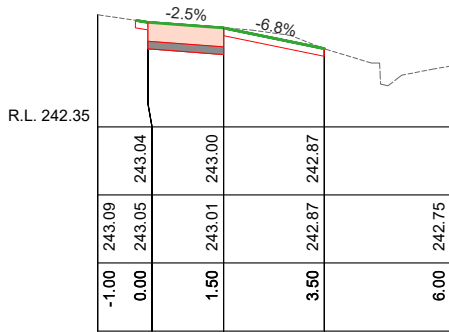
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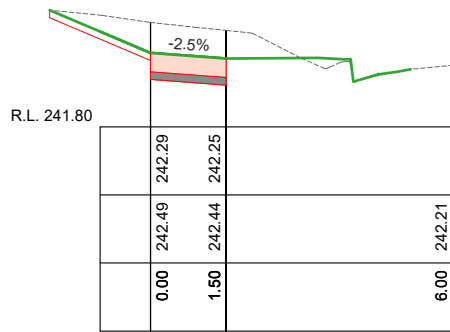
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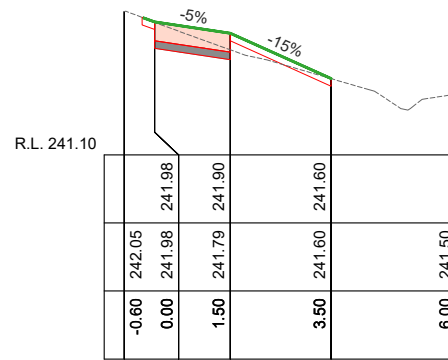
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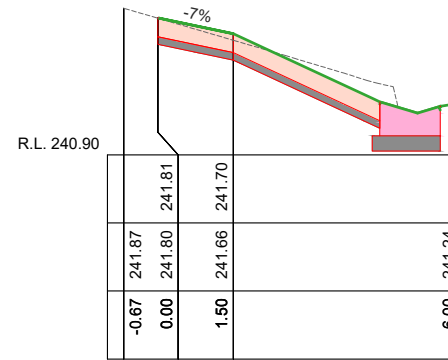
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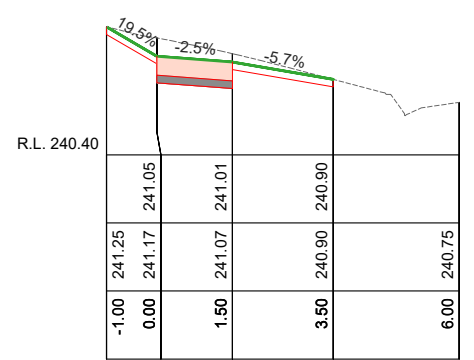
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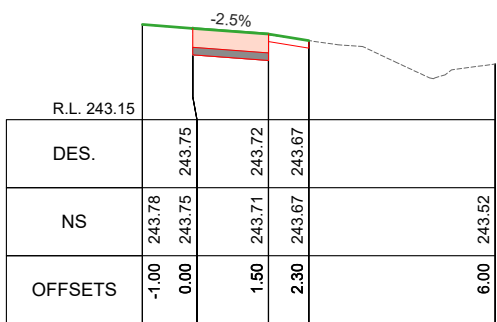
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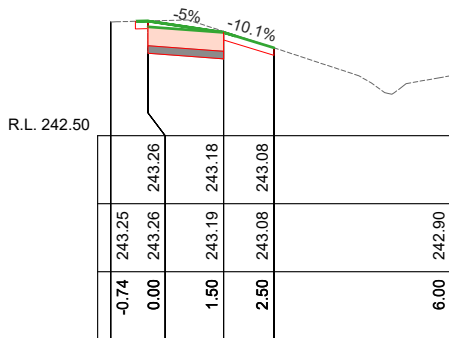
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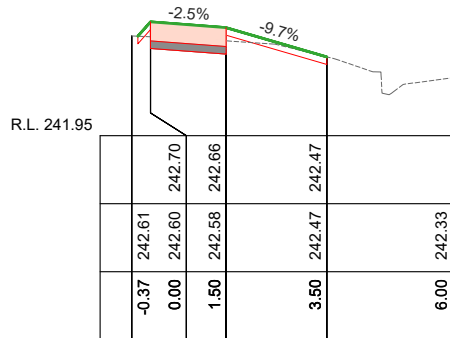
Ch 190.00



Ch 0.00



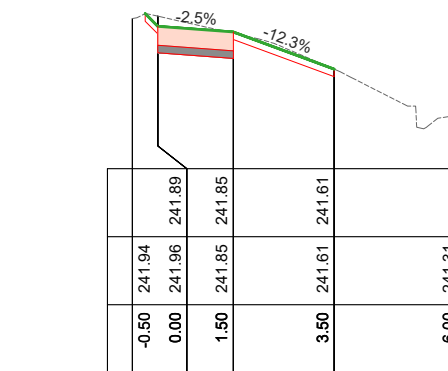
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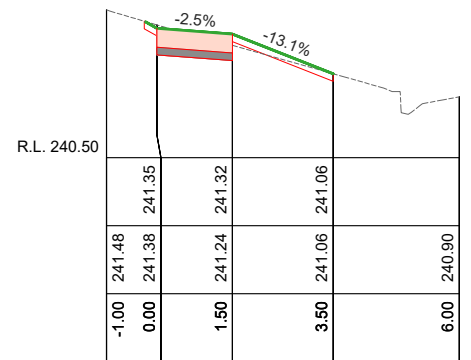
Ch 80.00



Ch 130.00



Ch 150.00



Ch 180.00

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

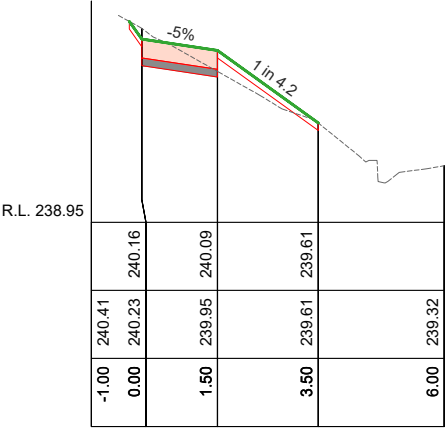


PROJECT DESIGN STATUS		
Surveyor:	H. Whytock	01/06/2023
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Draft Checked:	L. Oliver	xx/xx/2023
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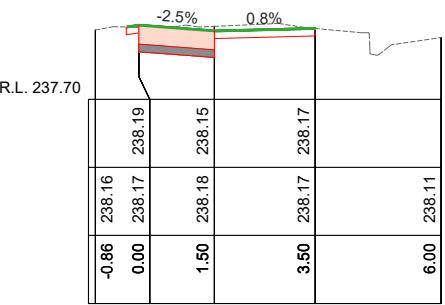
PRELIMINARY DESIGN
DRAFT 6

PROJECT DETAILS	
Location:	Mistletoe Street
Suburb:	Golden Square
Works:	Footpath
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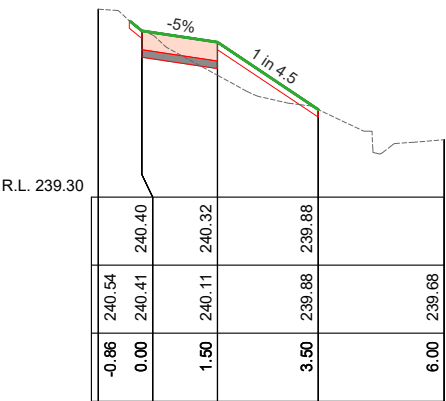
SHEET DETAILS		
CROSS SECTIONS		Sheet number: 8 of 10
		Plan Scale: AS SHOWN A3
		Plotted: 22/07/2024 By: Andrew Smith
SHEET REVISIONS AFTER TENDER		
Revision	Description	Approved by Date
-	-	- -
-	-	- -
-	-	- -



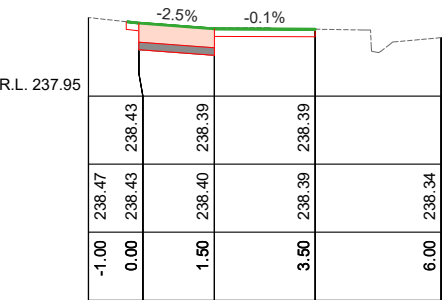
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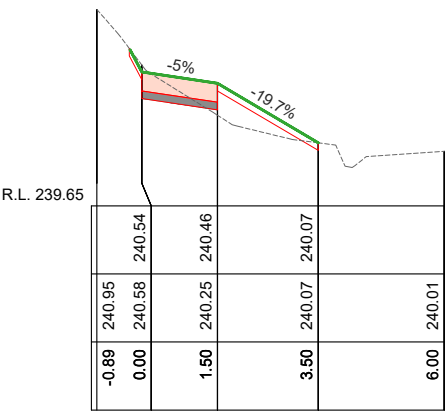
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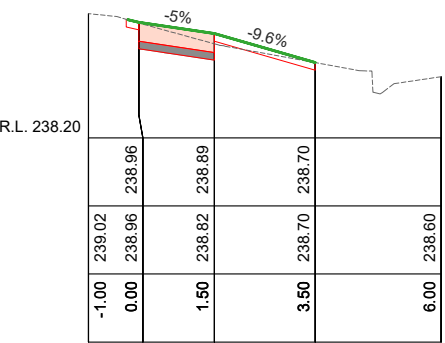
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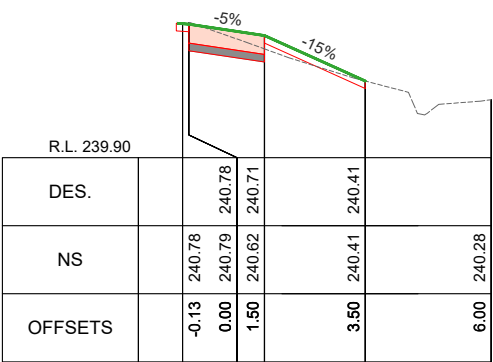
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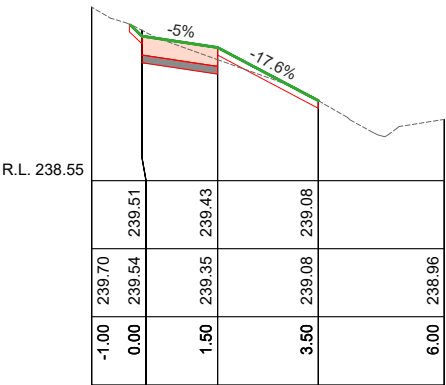
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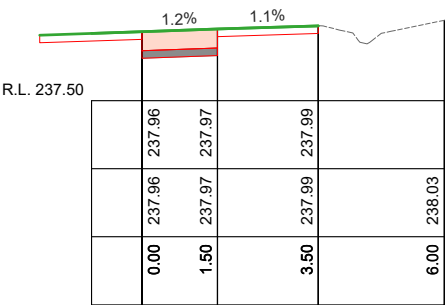
Ch 270.00



Ch 220.00



Ch 260.00



Ch 298.08

FP CROSS SECTIONS Ch 220.00
SCALES: H 1:150 V 1:50 (A3)



CITY OF GREATER
BENDIGO

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Works:	Footpath
GB No:	GB5101

SHEET DETAILS			
CROSS SECTIONS		Sheet number: 9 of 10	
		Plan Scale: AS SHOWN	A3
		Plotted: 22/07/2024 By: Andrew Smith	
SHEET REVISIONS AFTER TENDER			
revision	Description	Approved by	Date
-		-	-
-		-	-

STATION DATA				
Point #	Description	Easting	Northing	Level
901	STN 1	254217.553	5926012.422	238.054
902	STN 2	254045.245	5926109.293	242.004
903	STN 3	254122.959	5926061.453	240.709
904	PSM 1037	253963.380	5926175.354	243.534
905	PSM 1847	254202.272	5925943.539	238.006