

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

INCIDENTAL CONSTRUCTION

702 Subsurface Drainage
703 General Concrete Paving
705 Drainage Pits and Covers
707 Fencing

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 beginning	
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

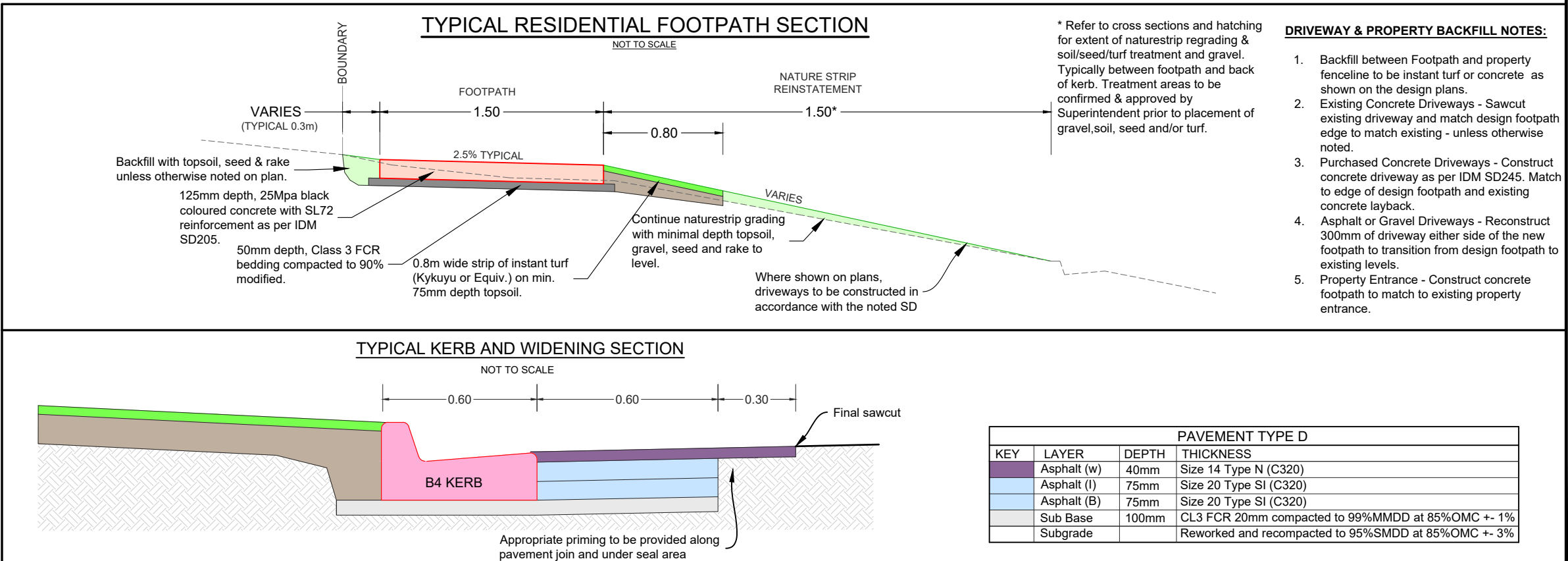
SITE ENVIRONMENTAL MANAGEMENT PLAN

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.

SURVEY NOTES

Survey has been conducted to:

- MGA 2020 and oriented via GPS PM 2658
- Survey Level has been tied to AHD via GPS PM 2658



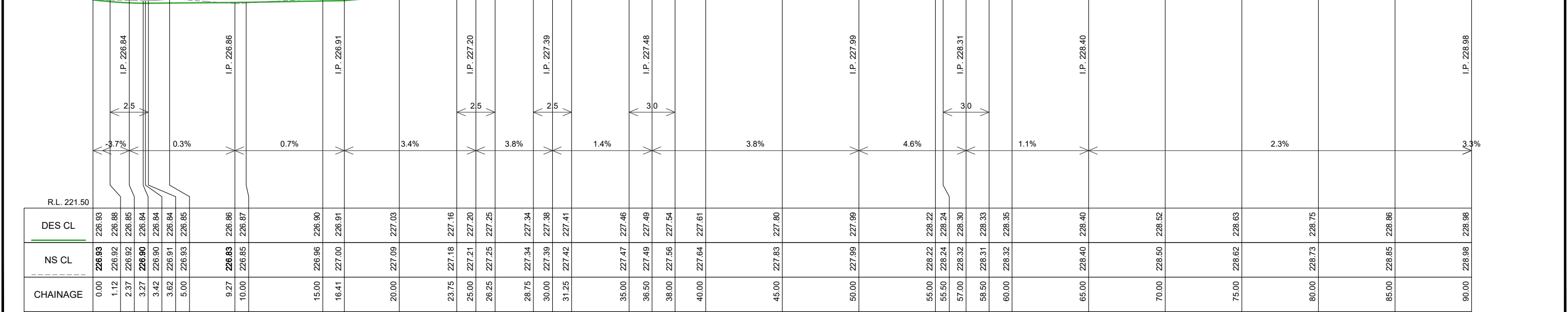
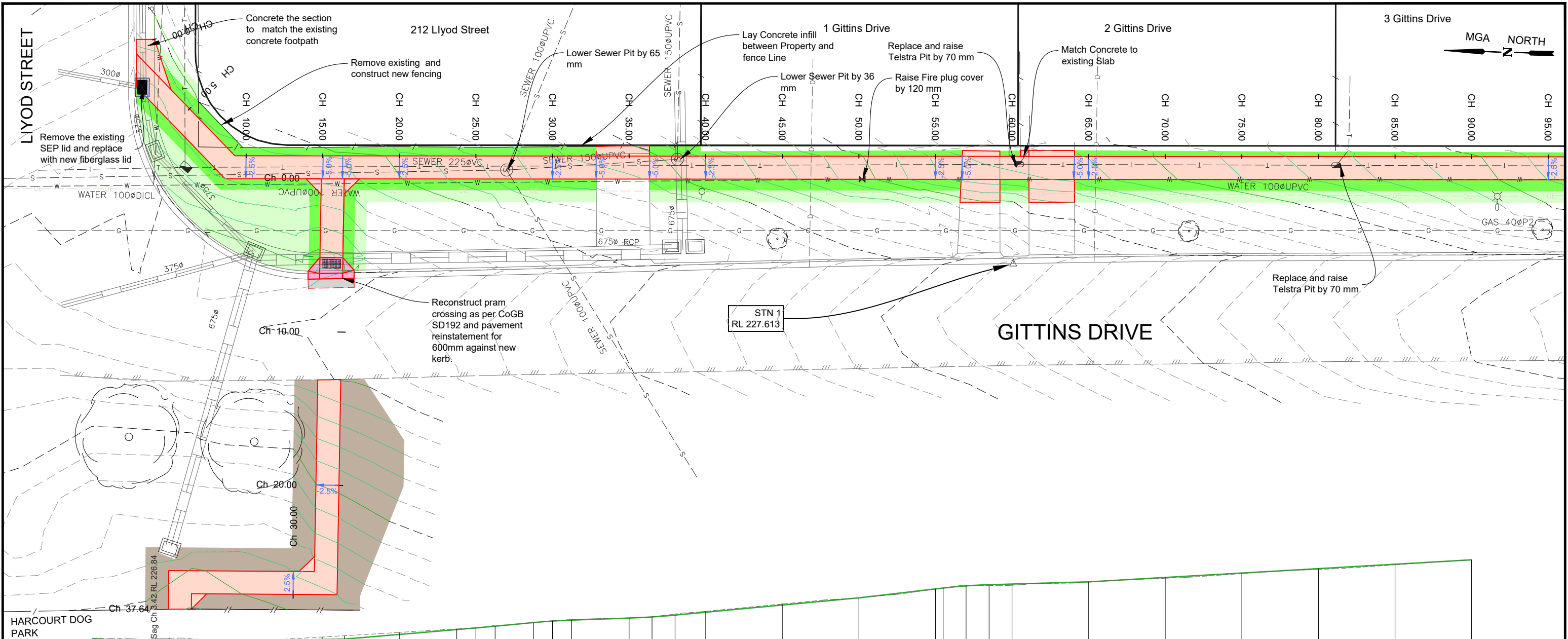
CITY OF GREATER BENDIGO

PROJECT DESIGN STATUS		
Surveyor:	D.MEADES	04/01/24
Designer:	S.KANDEL	01/10/24
Draft Checked:	A.SMITH	01/10/24
Tender Approved:	B.JANSEEN	xx/xx/24

PRELIMINARY DESIGN
DRAFT 4

PROJECT DETAILS	
Location:	Gittins Drive
Suburb:	Strathdale
Works:	Footpath Construction
GB No:	GB5112

SHEET DETAILS	
GENERAL NOTES	Sheet number: 2 of 12
	Plan Scale: - A3
	Plotted: 01/10/2024 By: Sandesh Kandel
SHEET REVISIONS AFTER TENDER	
Revision	Description
-	-
-	-
-	-
-	-



GITTINS DRIVE FOOTPATH LONGITUDINAL SECTION CH 0.000 To 90.000
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

Concrete Kerb area: Normal plain
Kerb per CoGB SD 192

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

Landscape work: topsoil and seed
(Refer: Typical details pg 2)

Removal: Tree

Landscape work: Gravel (Refer:
Typical details pg 2)

CITY OF GREATER BENDIGO

PROJECT DESIGN STATUS

Surveyor:	D.MEADES	04/01/24
Designer:	S.KANDEL	01/10/24
Draft Checked:	A.SMITH	01/10/24
Tender Approved:	B.JANSEEN	xx/xx/24

**PRELIMINARY DESIGN
DRAFT 4**

PROJECT DETAILS

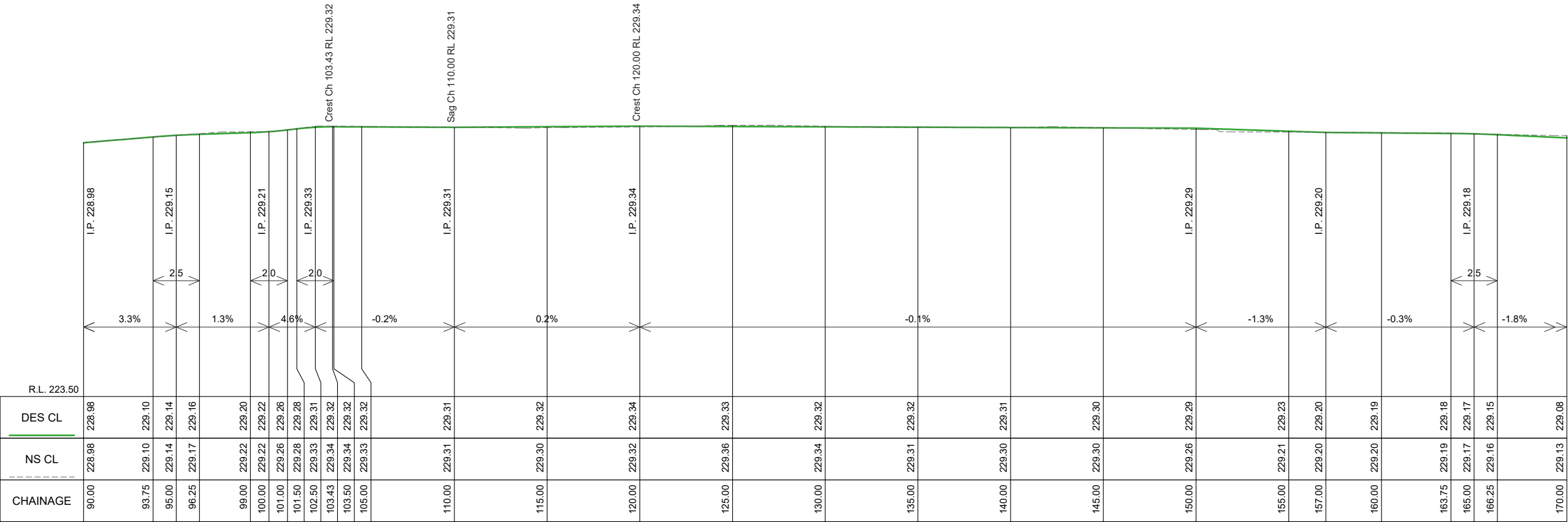
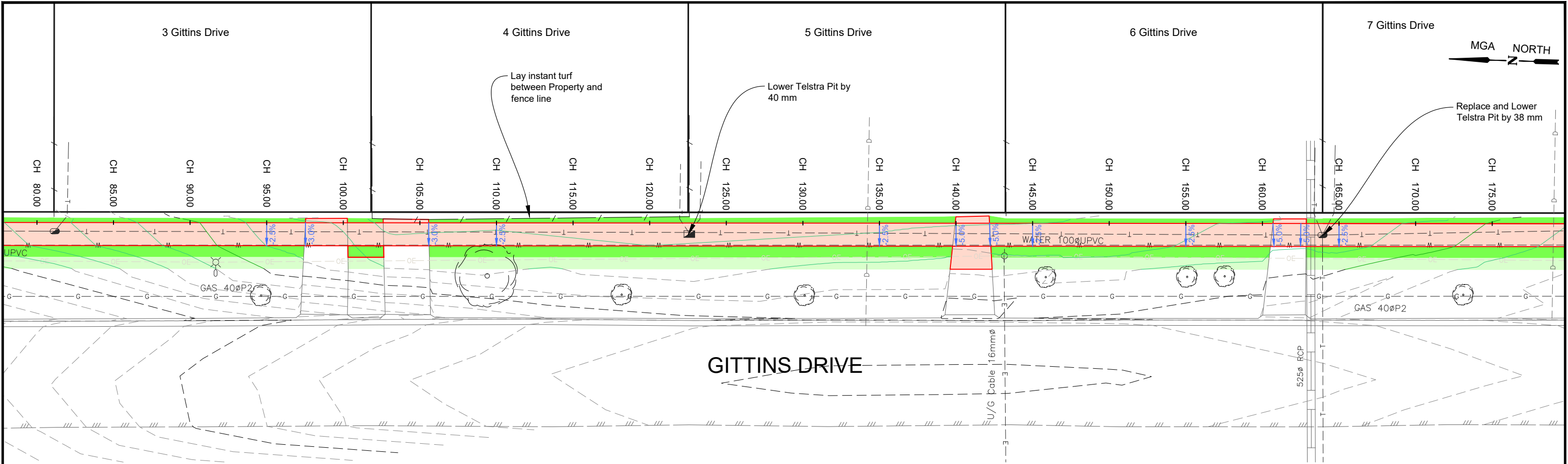
Location: Gittins Drive
Suburb: Strathdale
Works: Footpath Construction
GB No: GB5112

SHEET DETAILS

PLAN VIEW & LONG SECTION

Sheet number: 3 of 12
Plan Scale: 1:250
Plotted: 01/10/204 By: Sandesh Kandel

Revision	Description	Approved by	Date
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-	-	-	-
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GITTINS DRIVE FOOTPATH LONGITUDINAL SECTION CH 90.000 To 170.000
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 Kerb area: Normal plain
Kerb per CoGB SD 192

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

Concrete Driveway area: Normal plain
Dwy as per IDM SD240

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

Removal: Tree

Landscape work: topsoil and seed
(Refer: Typical details pg 2)

Landscape work: Gravel (Refer:
Typical details pg 2)

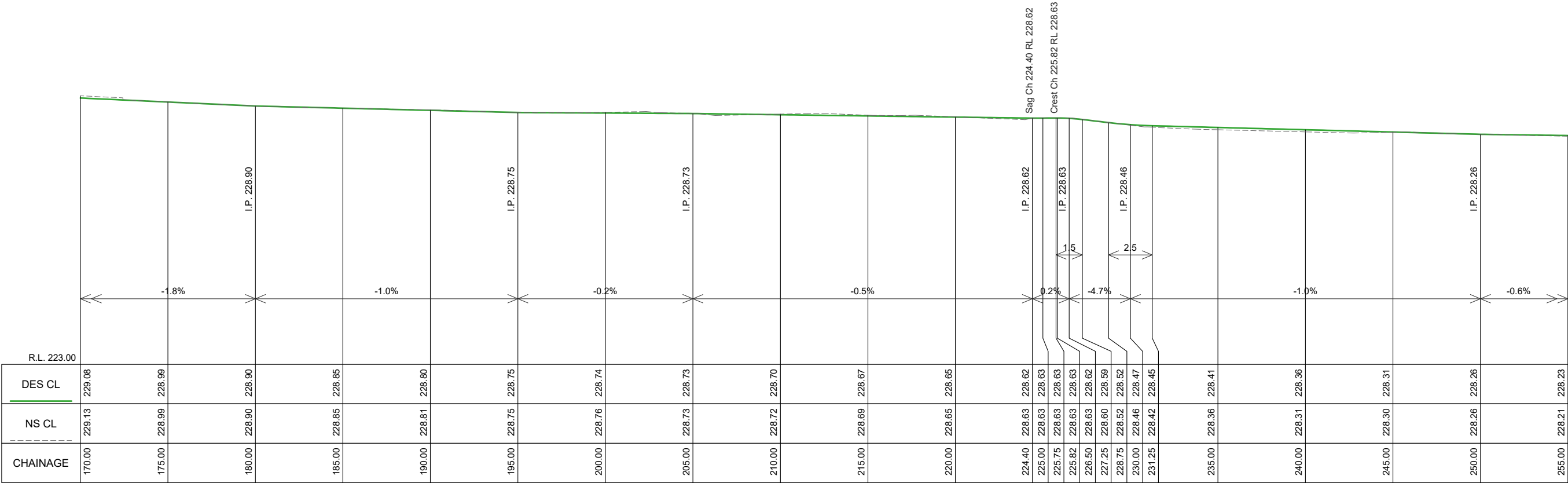
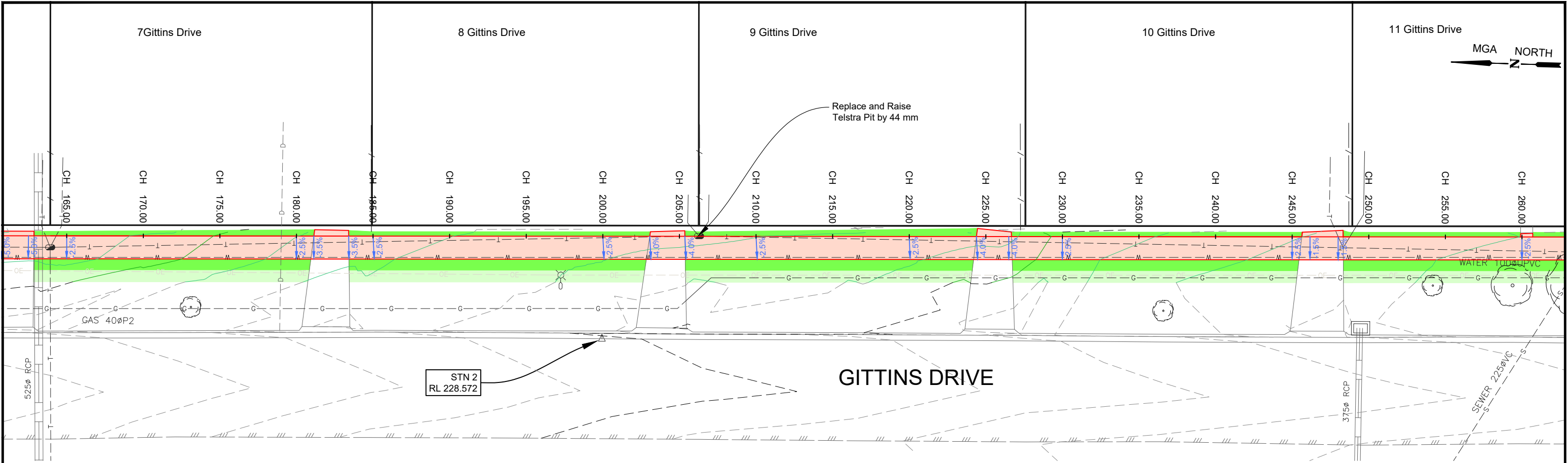
CITY OF GREATER BENDIGO

PROJECT DESIGN STATUS		
Surveyor:	D.MEADES	04/01/24
Designer:	S.KANDEL	01/10/24
Draft Checked:	A.SMITH	01/10/24
Tender Approved:	B.JANSEEN	xx/xx/24

PRELIMINARY DESIGN
DRAFT 4

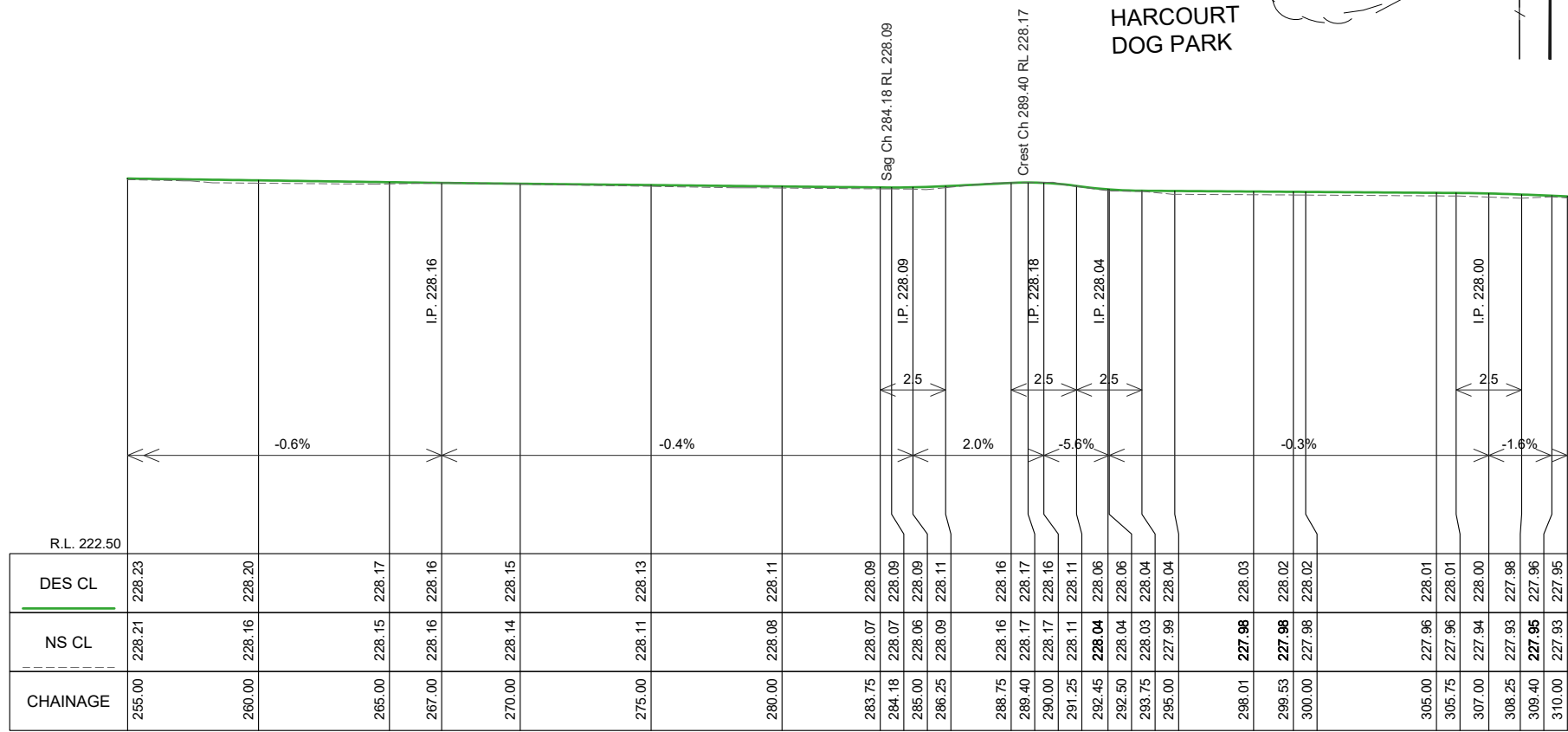
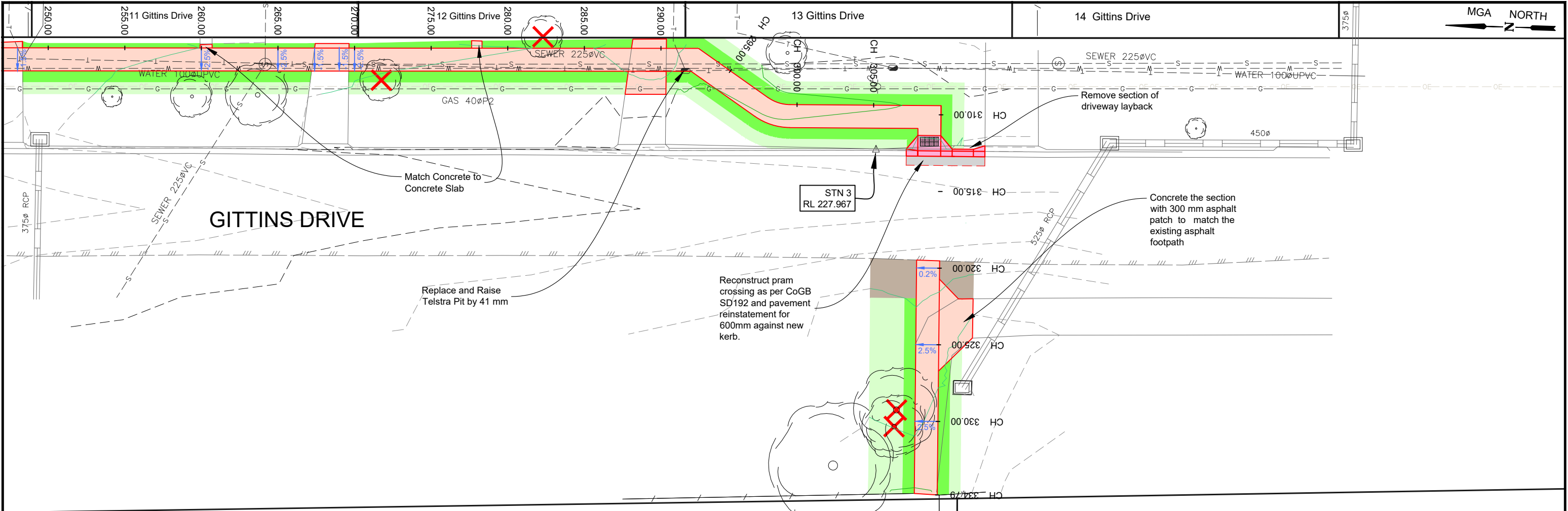
PROJECT DETAILS	
Location:	Gittins Drive
Suburb:	Strathdale
Works:	Footpath Construction
GB No:	GB5112

SHEET DETAILS			
PLAN VIEW & LONG SECTION		Sheet number: 4 of 12	
		Plan Scale: 1:250	A3
SHEET REVISIONS AFTER TENDER			
Revision	Description	Approved by	Date
-	-	-	-
-	-	-	-
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GITTINS DRIVE FOOTPATH LONGITUDINAL SECTION CH 170.00 To 255.00
SCALES: H 1:250 V 1:100 (A3)

LEGEND				PROJECT DESIGN STATUS		PROJECT DETAILS		SHEET DETAILS			
 DESIGN CONTOURS - Levels to AHD (0.10m interval)	 Concrete Footpath area: Normal plain Footpath as per IDM SD 205 & SD210	 Landscape work: Instant turf (Refer: Typical details pg 2)		Surveyor: D.MEADES 04/01/24	Location: Gittins Drive	Suburb: Strathdale	Works: Footpath Construction	GB No: GB5112	PLAN VIEW & LONG SECTION		Sheet number: 5 of 12
 EXISTING CONTOURS - Levels to AHD (0.10m interval)	 Concrete Driveway area: Normal plain Dwy as per IDM SD240	 Removal: Tree		Designer: S.KANDEL 01/10/24							Plan Scale: 1:250 A3
 Concrete Kerb area: Normal plain Kerb per CoGB SD 192	 Landscape work: topsoil and seed (Refer: Typical details pg 2)	 Landscape work: Gravel (Refer: Typical details pg 2)	Draft Checked: A.SMITH 01/10/24	SHEET REVISIONS AFTER TENDER					Plotted: 01/10/204 By: Sandesh Kandel		
			PRELIMINARY DESIGN DRAFT 4						Revision Description Approved by Date		
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GITTINS DRIVE FOOTPATH LONGITUDINAL SECTION CH 255.000 To 310.000
SCALES: H 1:250 V 1:100 (A3)

DESIGN CONTOURS
- Levels to AHD (0.10m interval)

EXISTING CONTOURS
- Levels to AHD (0.10m interval)

Concrete Kerb area: Normal plain
Kerb per CoGB SD 192

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

Concrete Driveway area: Normal plain
Dwy as per IDM SD240

Landscape work: topsoil and seed
(Refer: Typical details pg 2)

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

Removal: Tree

Landscape work: Gravel (Refer:
Typical details pg 2)

PROJECT DESIGN STATUS

Surveyor: D.MEADES 04/01/24

Designer: S.KANDEL 01/10/24

Draft Checked: A.SMITH 01/10/24

Tender Approved: B.JANSEEN xx/xx/24

PRELIMINARY DESIGN
DRAFT 4

PROJECT DETAILS

Location: Gittins Drive

Suburb: Strathdale

Works: Footpath Construction

GB No: GB5112

SHEET DETAILS

PLAN VIEW & LONG SECTION

Sheet number: 6 of 12

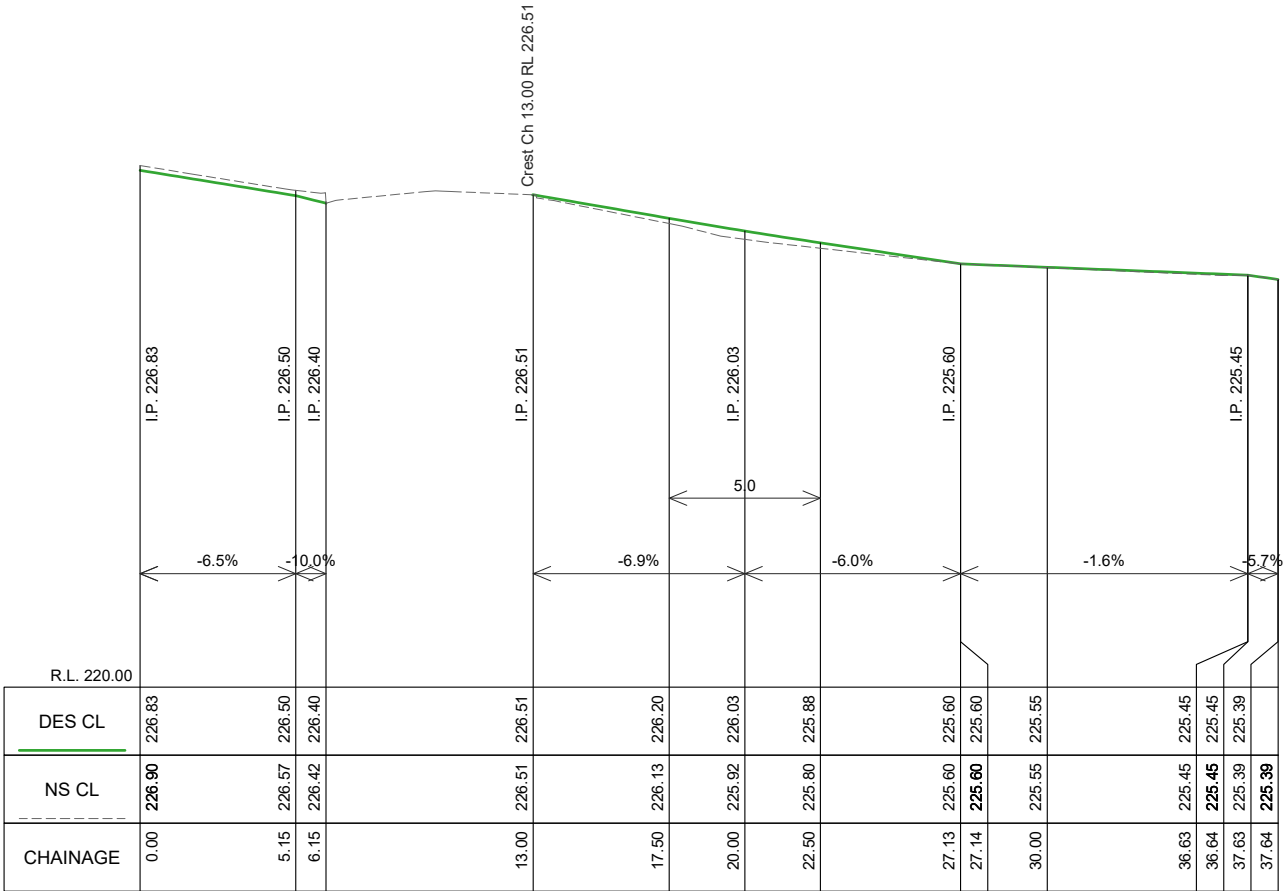
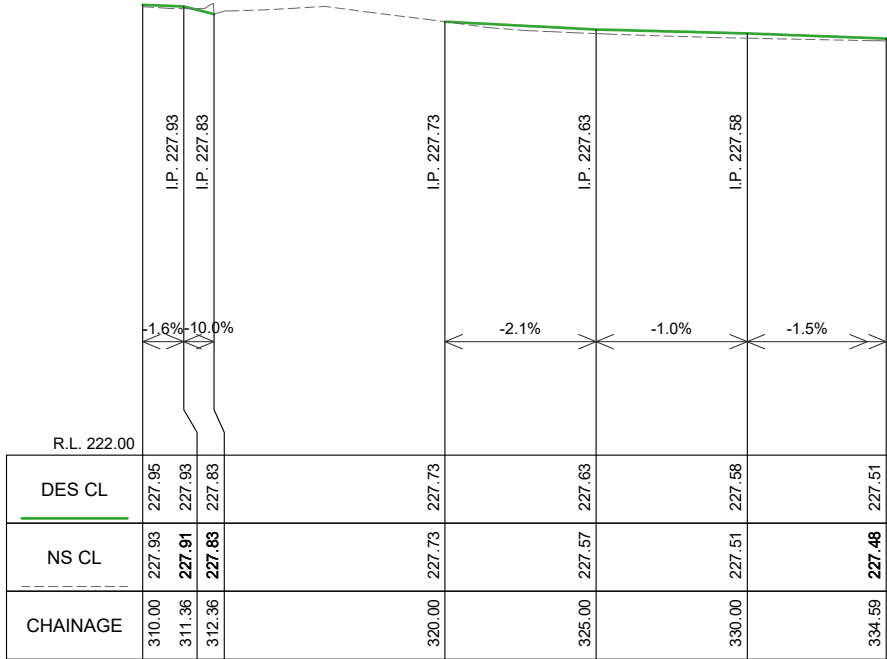
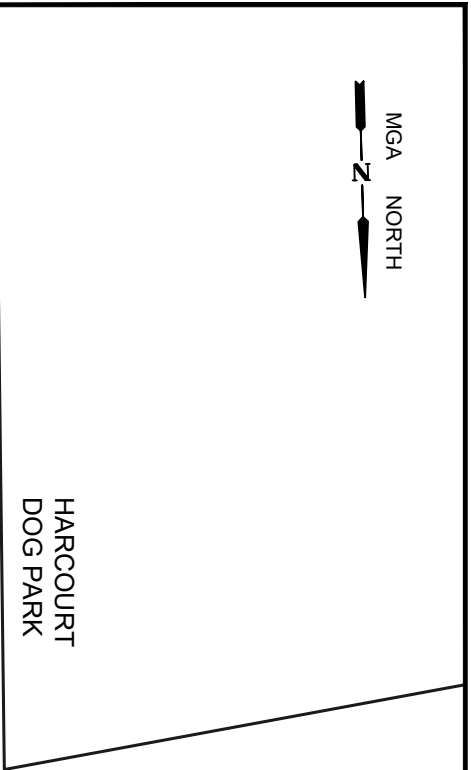
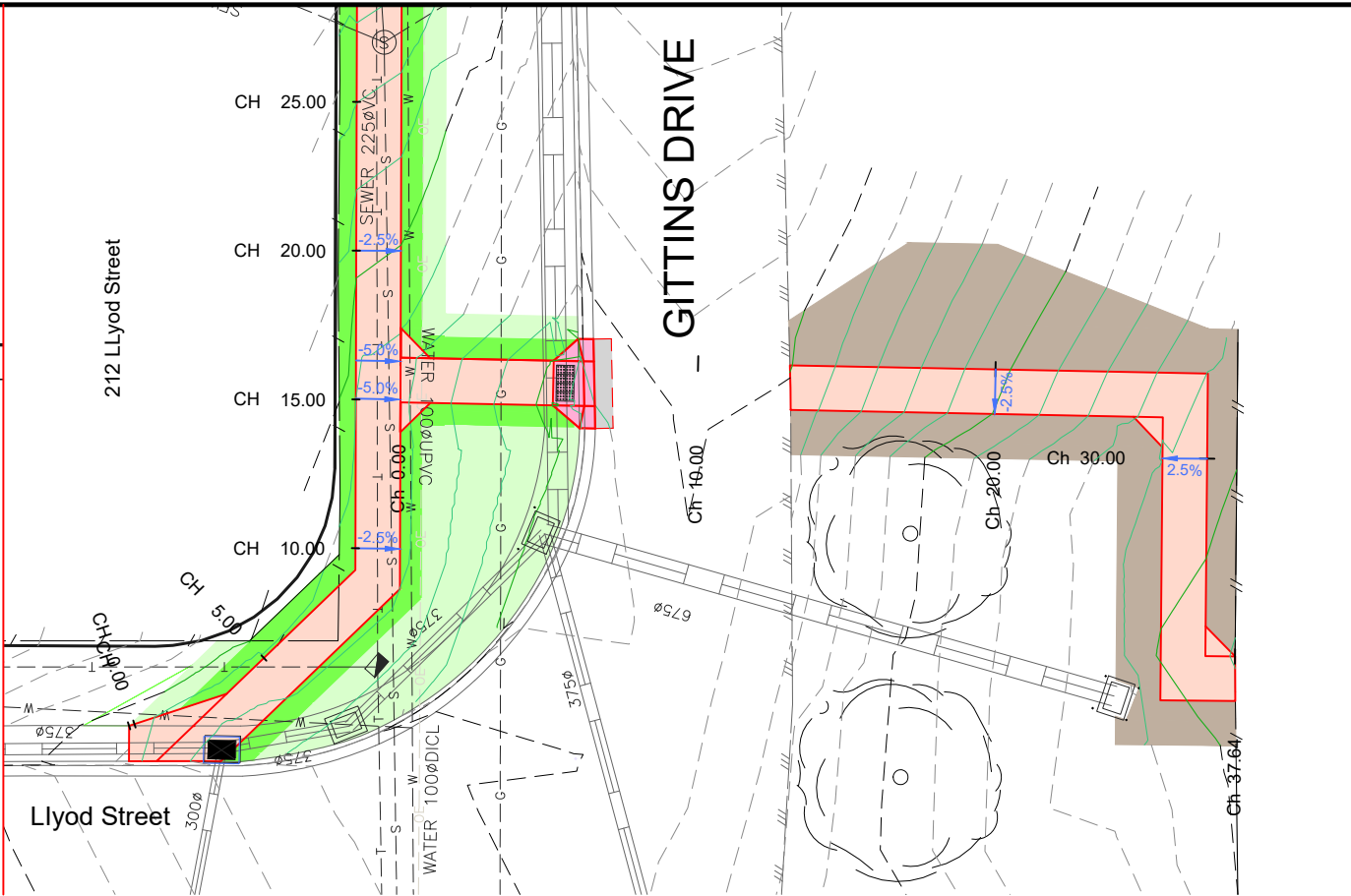
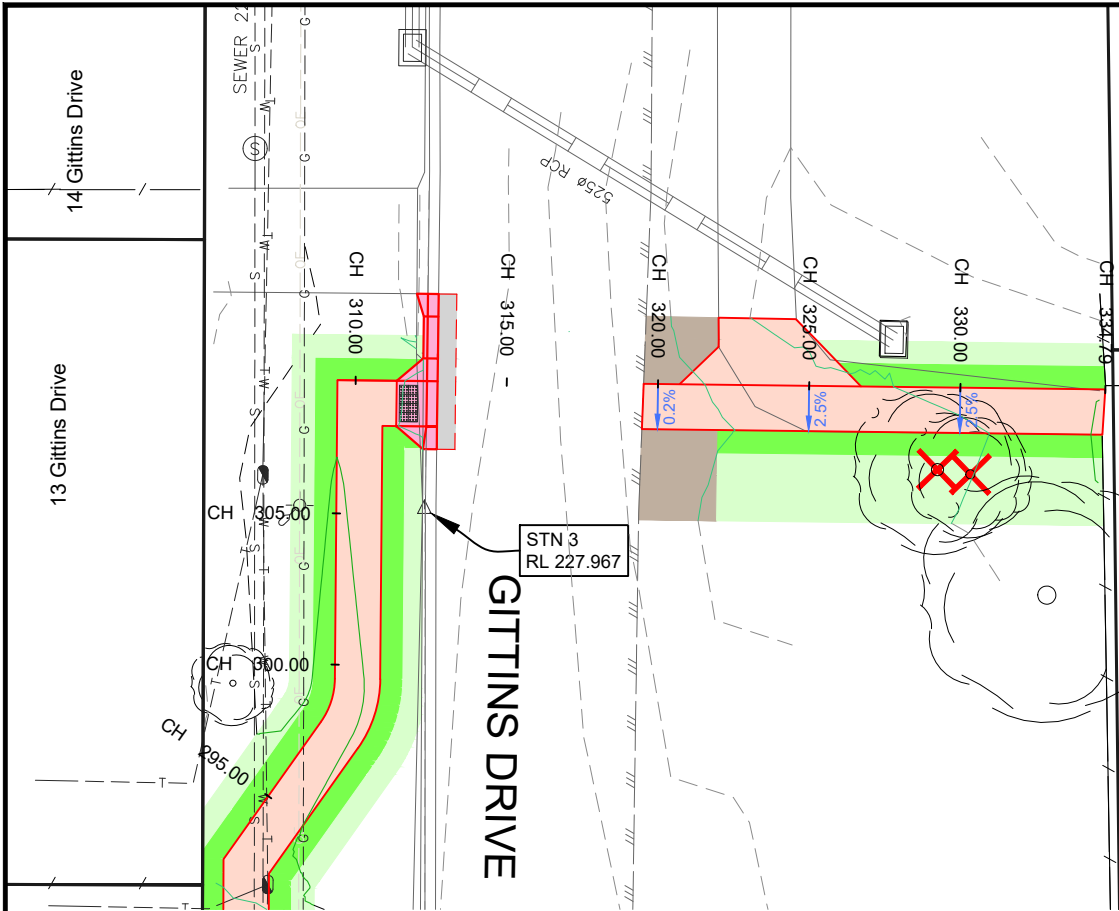
Plan Scale: 1:250

A3

Plotted: 01/10/2024 By: Sandesh Kandel

SHEET REVISIONS AFTER TENDER

Revision	Description	Approved by	Date
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DESIGN CONTOURS
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Landscape work: instant turf
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Landscape work: topsoil and seed
(Refer: Typical details pg 2)

Removal: Tree

Landscape work: Gravel (Refer:
Typical details pg 2)

CITY OF GREATER
BENDIGO

PROJECT DESIGN STATUS

Surveyor: D.MEADES 04/01/24

Designer: S.KANDEL 01/10/24

Draft Checked: A.SMITH 01/10/24

Tender Approved: B.JANSEEN xx/xx/24

PRELIMINARY DESIGN

DRAFT 4

PROJECT DETAILS

Location: Gittins Drive

Suburb: Strathdale

Works: Footpath Construction

GB No: GB5112

SHEET DETAILS

PLAN VIEW & LONG SECTION

Sheet number: 7 of 12

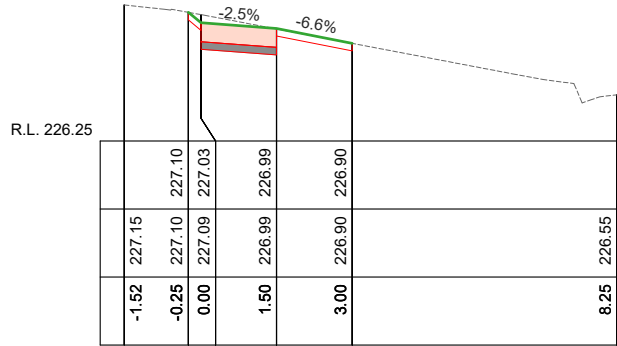
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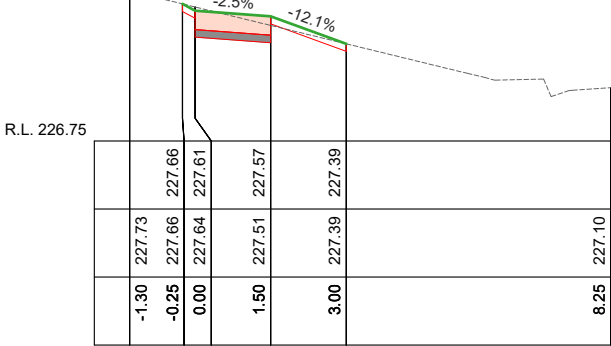
Plotted: 01/10/204 By: Sandesh Kandel

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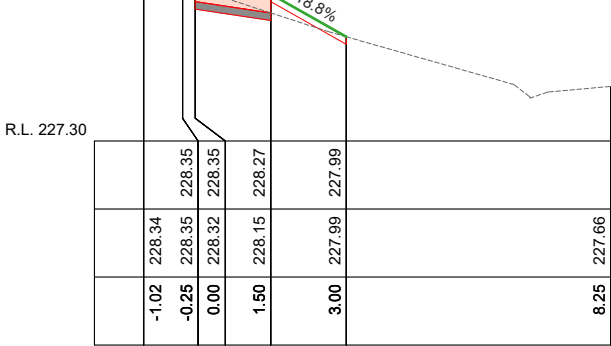
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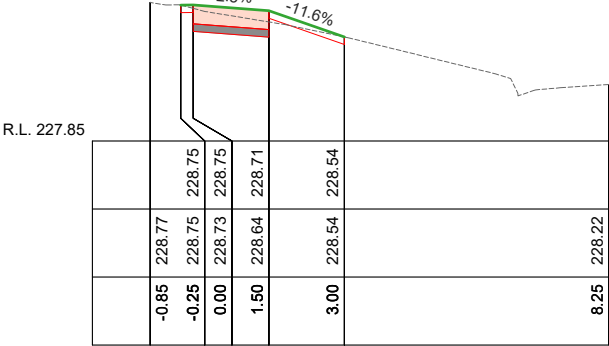
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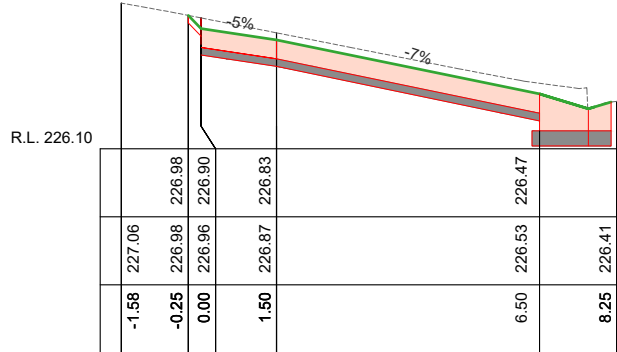
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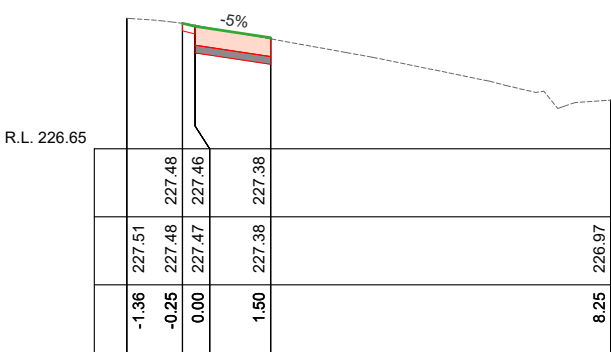
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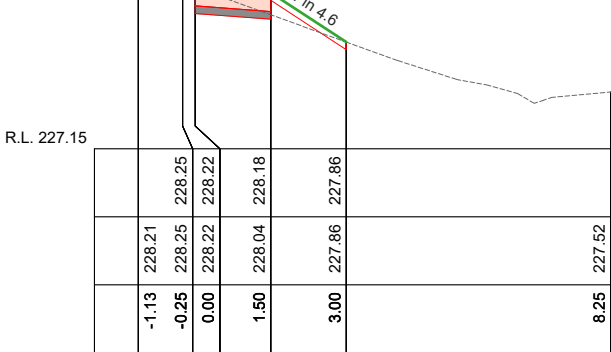
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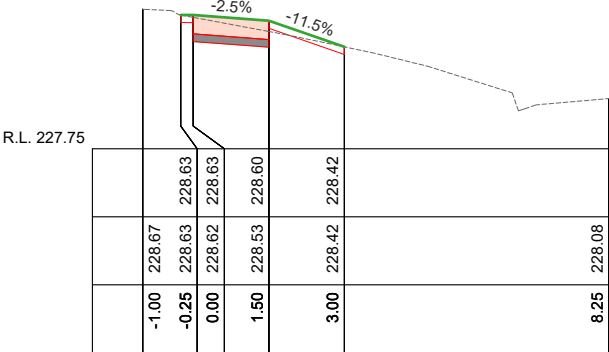
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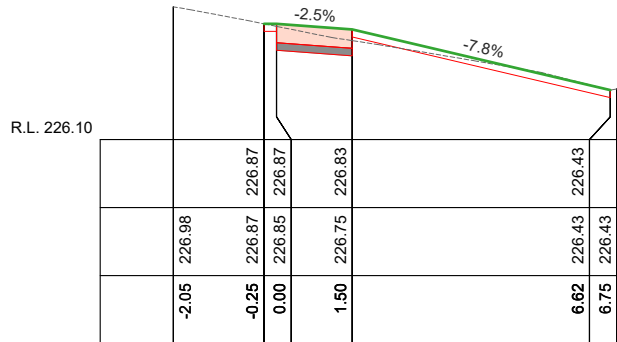
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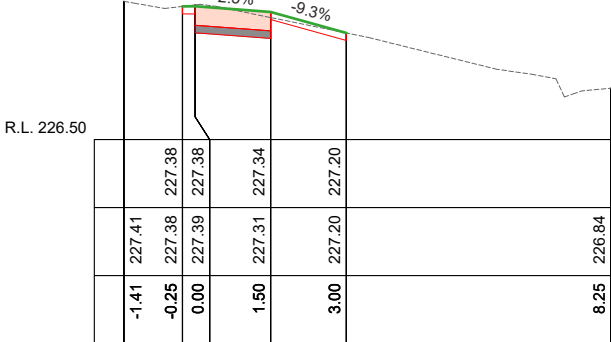
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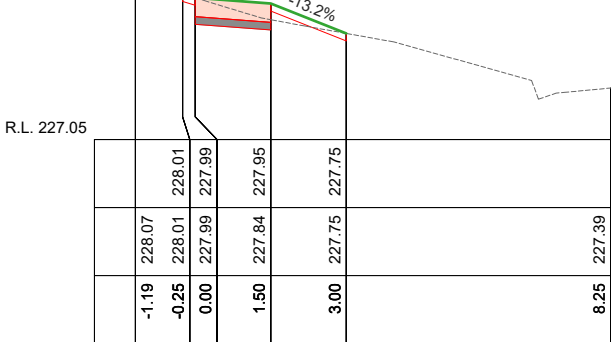
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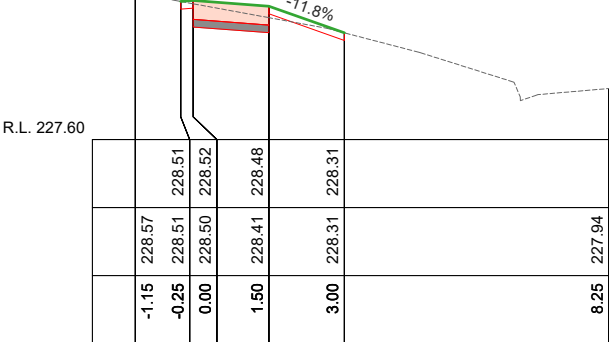
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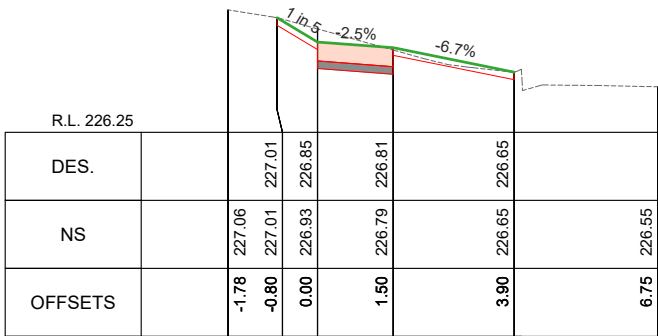
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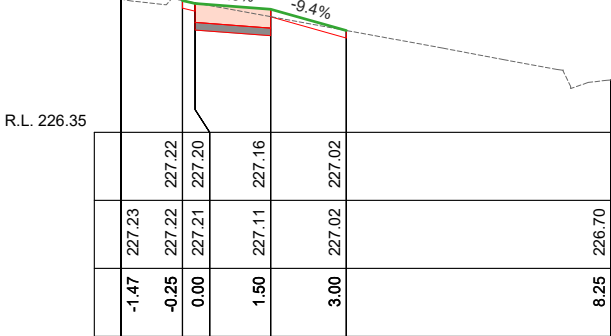
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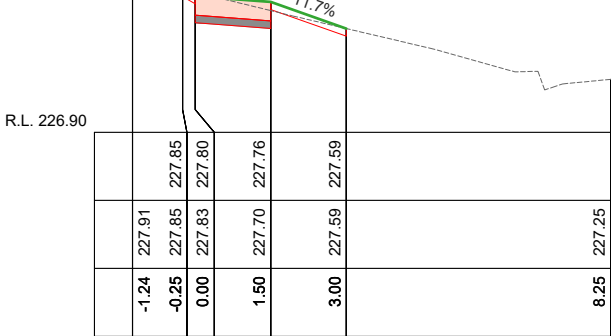
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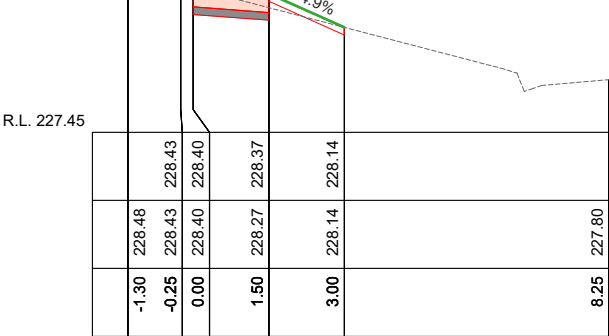
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Ch 25.00



Ch 45.00



Ch 65.00

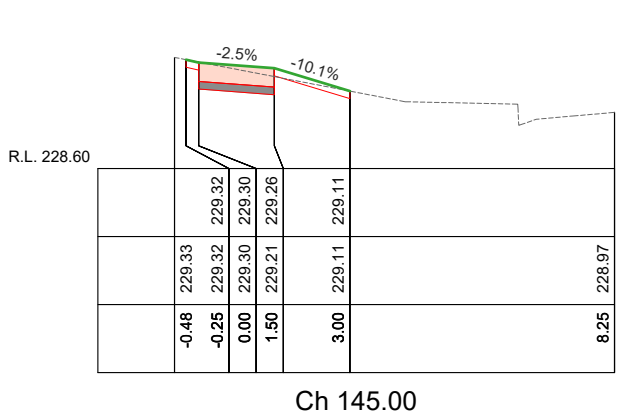
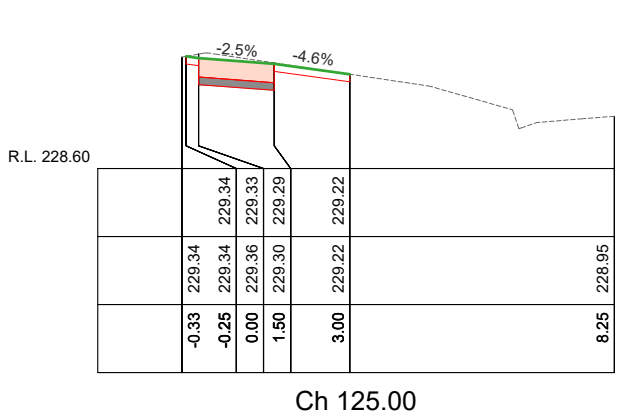
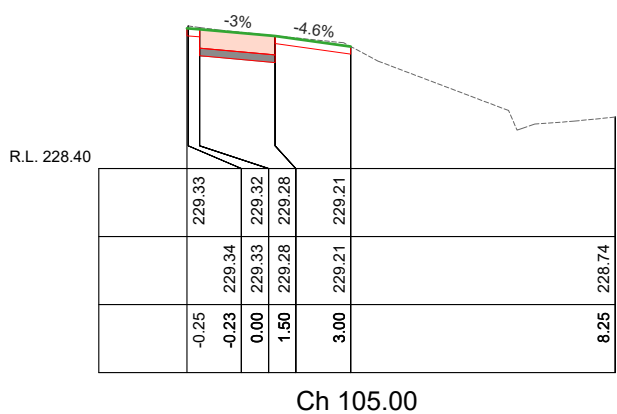
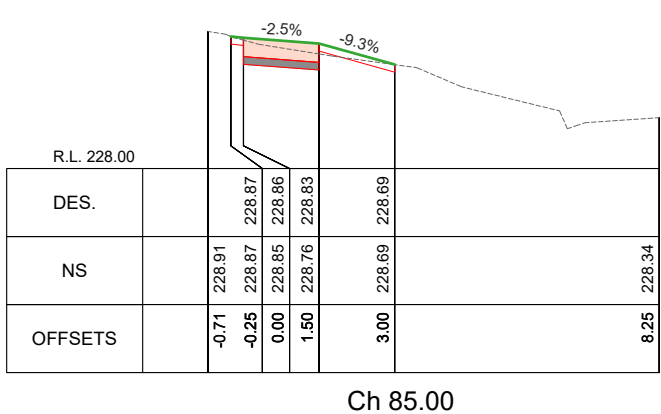
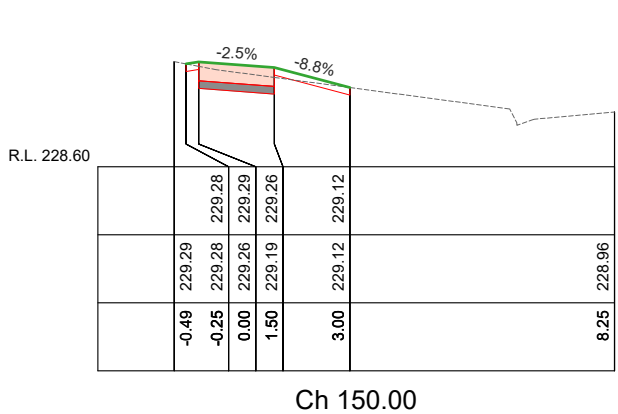
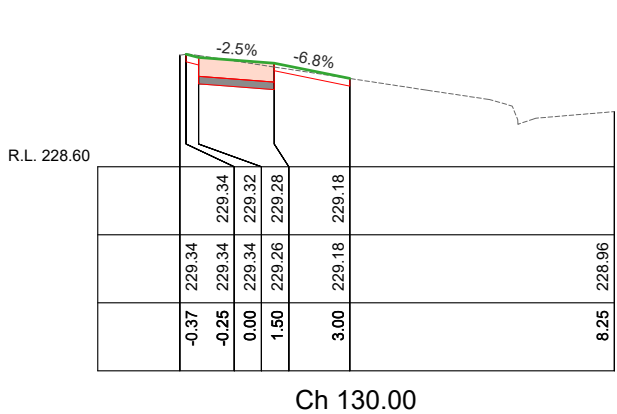
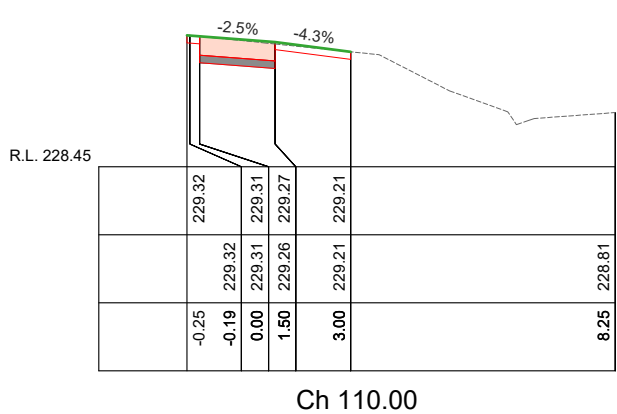
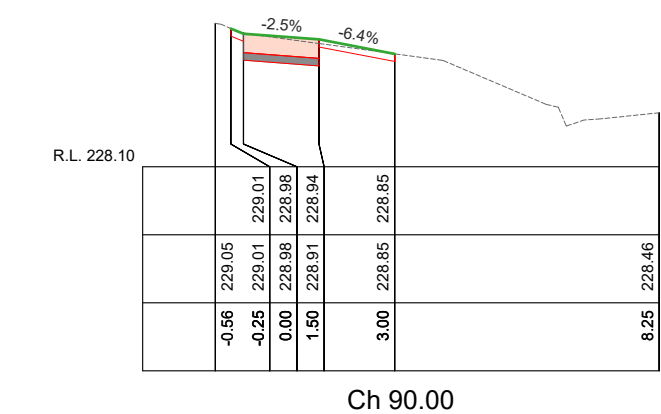
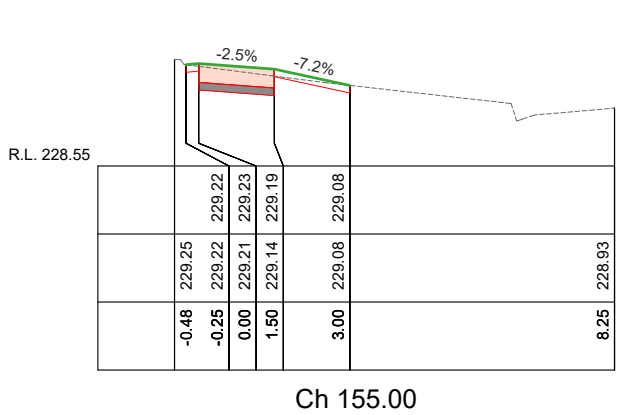
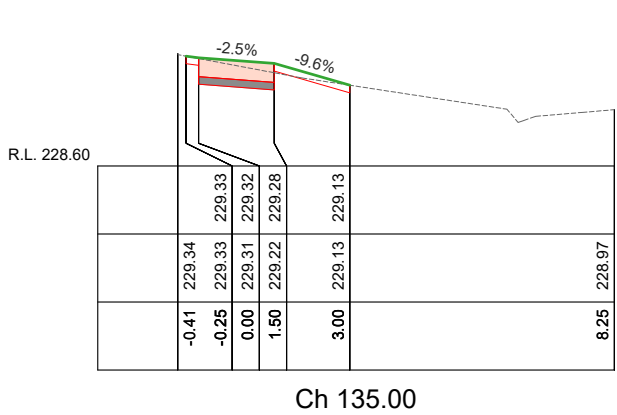
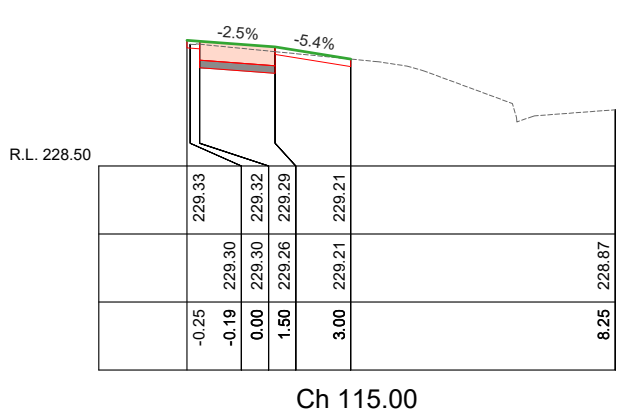
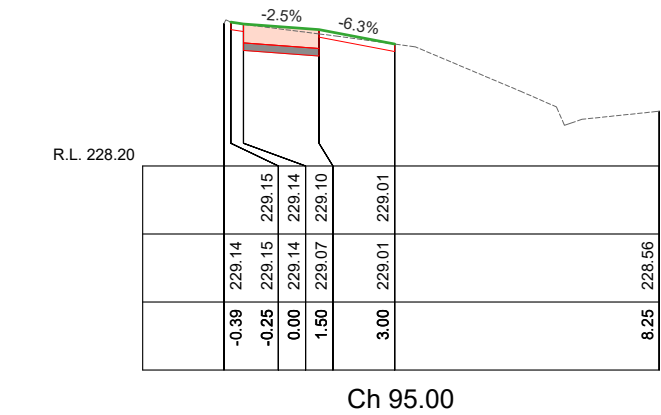
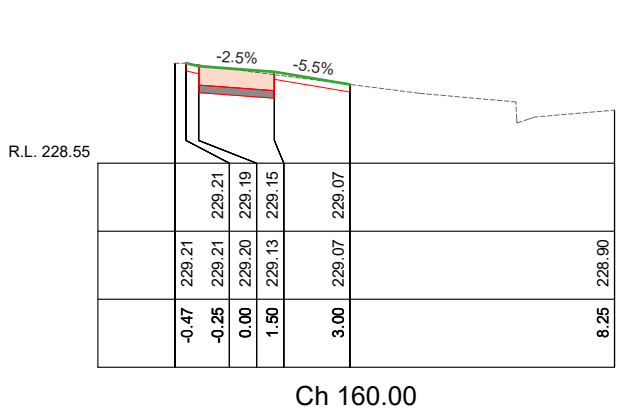
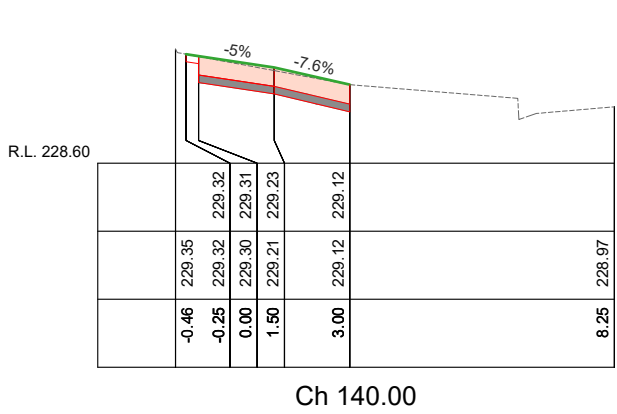
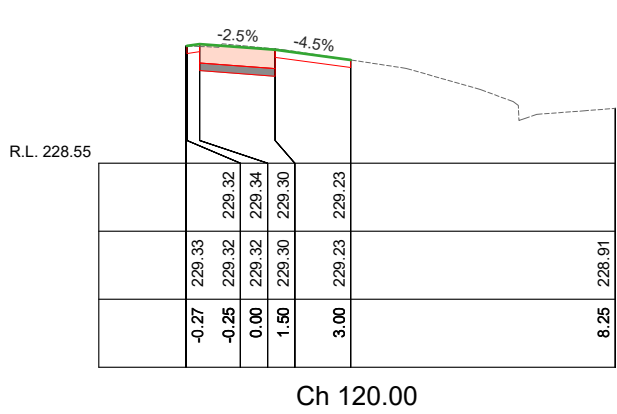
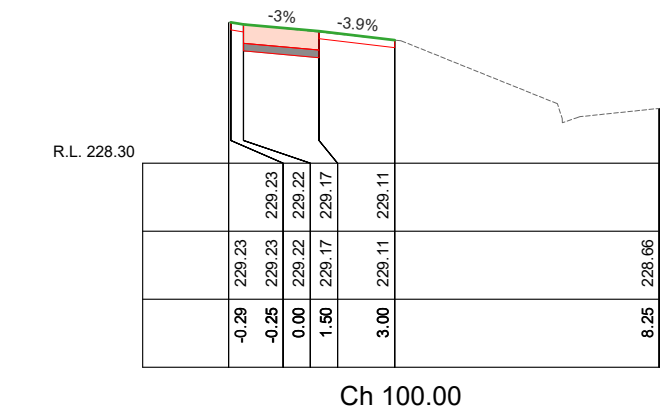
SCALES: H 1:150 V 1:50 (A3)



PROJECT DESIGN STATUS		
Surveyor:	D.MEADES	04/01/24
Designer:	S.KANDEL	01/10/24
Draft Checked:	A.SMITH	01/10/24
Tender Approved:	B.JANSEEN	xx/xx/24
PRELIMINARY DESIGN DRAFT 4		

PROJECT DETAILS	
Location:	Gittins Drive
Suburb:	Strathdale
Works:	Footpath Construction
GB No:	GB5112

SHEET DETAILS			
CROSS SECTIONS		Sheet number:	8 of 12
		Plan Scale:	AS SHOWN A3
		Plotted: 01/10/204	By: Sandesh Kandel
SHEET REVISIONS AFTER TENDER			
Revision	Description	Approved by	Date
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SCALES: H 1:150 V 1:50 (A3)

Ch 85.00

Ch 105.00

Ch 125.00

Ch 145.00



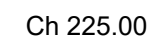
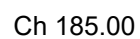
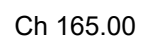
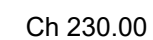
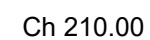
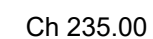
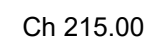
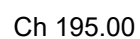
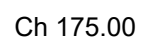
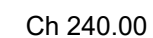
CITY OF GREATER
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PROJECT DESIGN STATUS		
Surveyor:	D.MEADES	04/01/24
Designer:	S.KANDEL	01/10/24
Draft Checked:	A.SMITH	01/10/24
Tender Approved:	B.JANSEEN	xx/xx/24

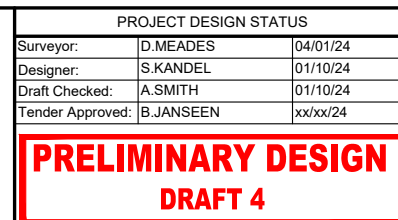
PRELIMINARY DESIGN
DRAFT 4

PROJECT DETAILS	
Location:	Gittins Drive
Suburb:	Strathdale
Works:	Footpath Construction
GB No:	GB5112

SHEET DETAILS			
CROSS SECTIONS		Sheet number: 9 of 12	
		Plan Scale: AS SHOWN	A3
Plotted: 01/10/204 By: Sandesh Kandel			
SHEET REVISIONS AFTER TENDER			
Revision	Description	Approved by	Date
-	-	-	-
-	-	-	-
-	-	-	-



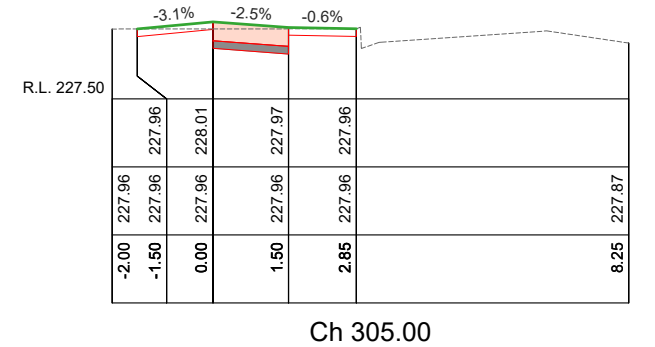
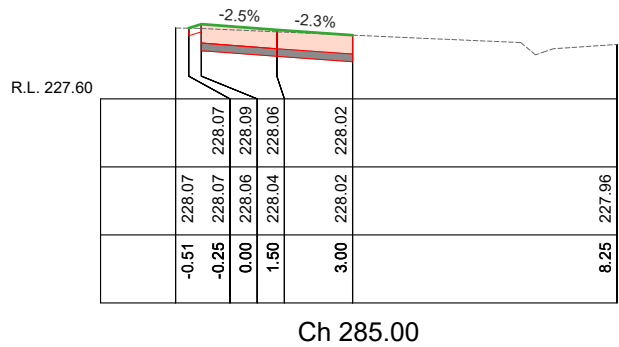
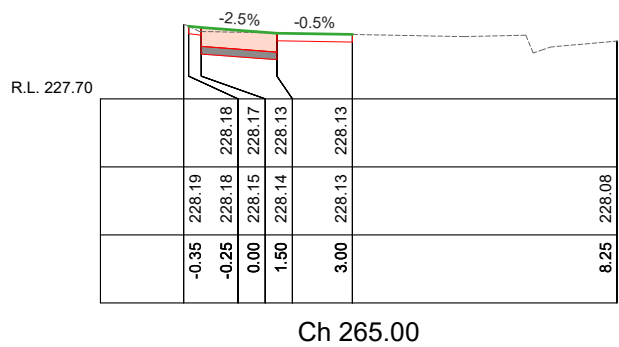
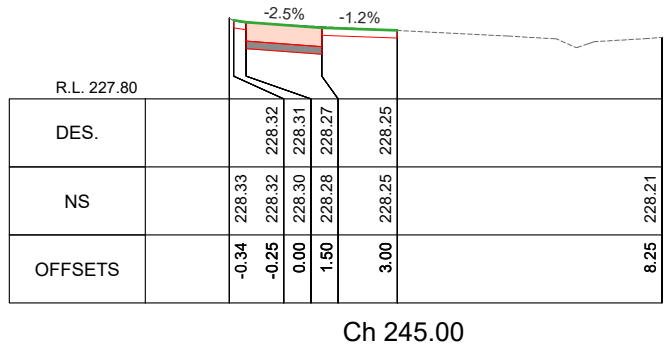
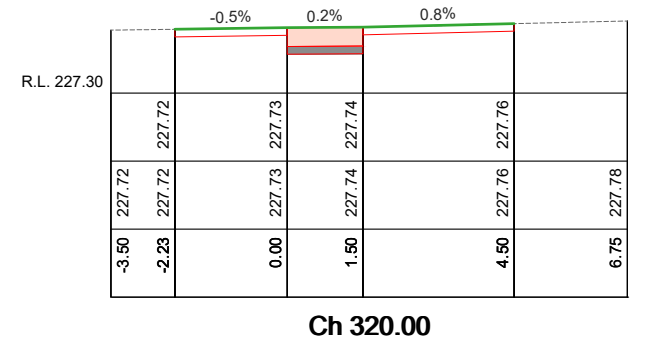
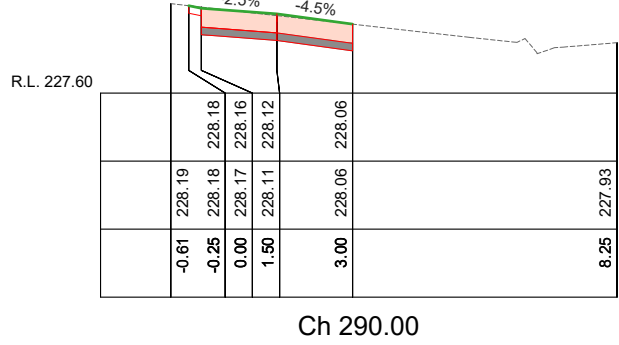
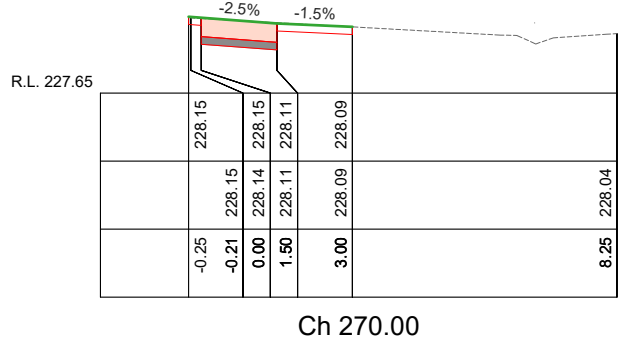
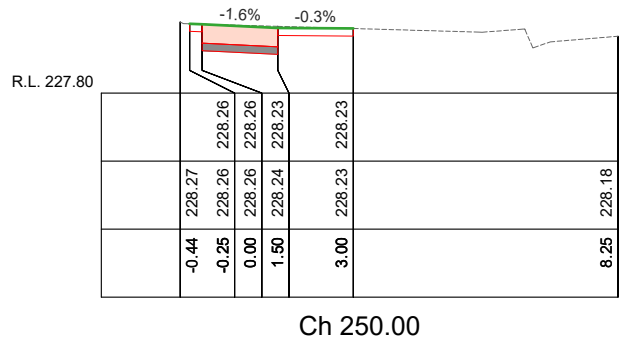
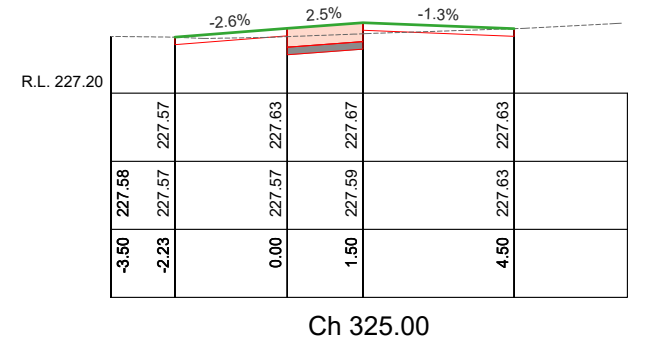
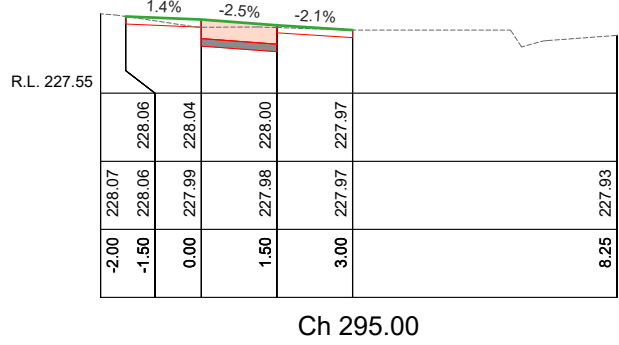
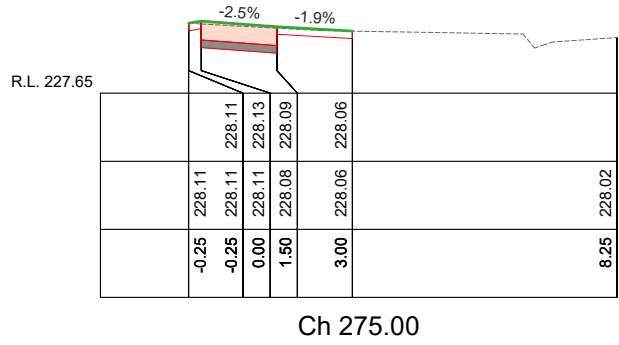
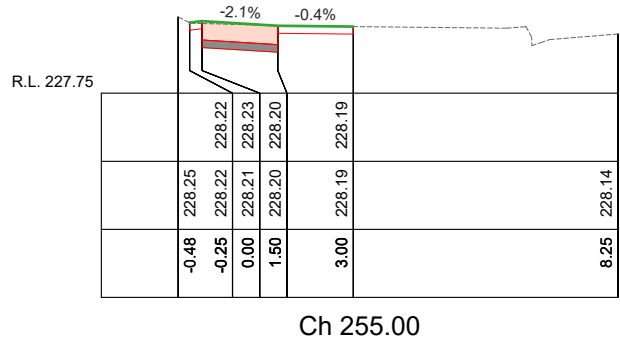
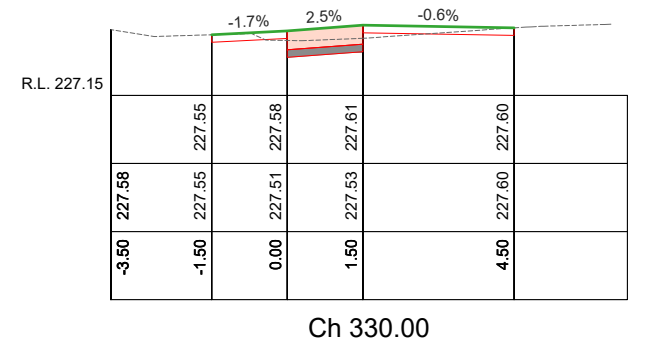
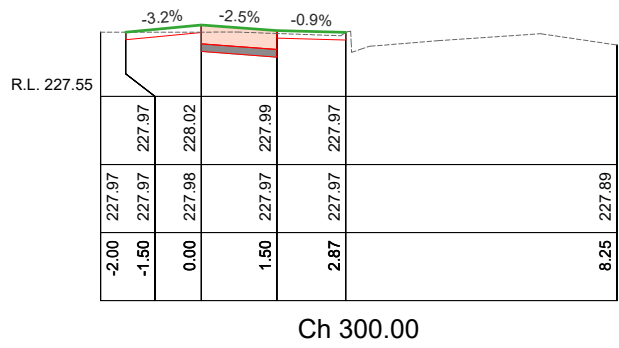
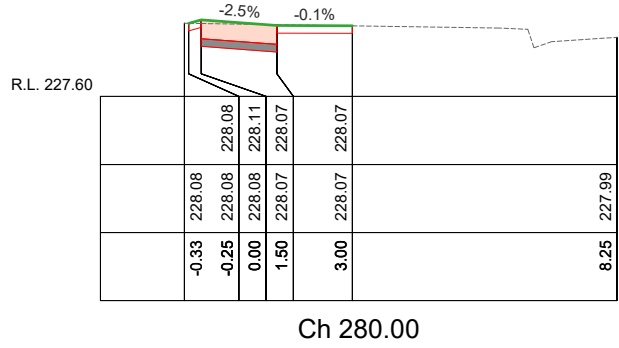
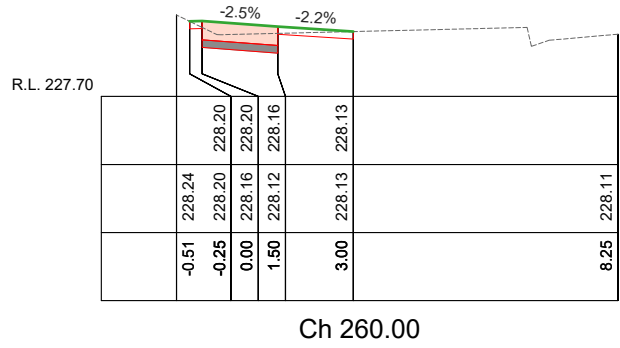
SCALES: H 1:150 V 1:50 (A3)



PROJECT DESIGN STATUS		
Surveyor:	D.MEADES	04/01/24
Designer:	S.KANDEL	01/10/24
Draft Checked:	A.SMITH	01/10/24
Tender Approved:	B.JANSEEN	xx/xx/24

PROJECT DETAILS	
Location:	Gittins Drive
Suburb:	Strathdale
Works:	Footpath Construction
GB No:	GB5112

SHEET DETAILS			
CROSS SECTIONS		Sheet number: 10 of 12	
		Plan Scale: AS SHOWN	A3
		Plotted: 01/10/204 By: Sandesh Kandam	
SHEET REVISIONS AFTER TENDER			
Revision	Description	Approved by	Date
-	-	-	-
-	-	-	-



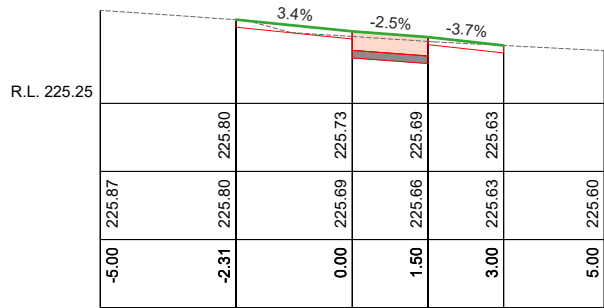
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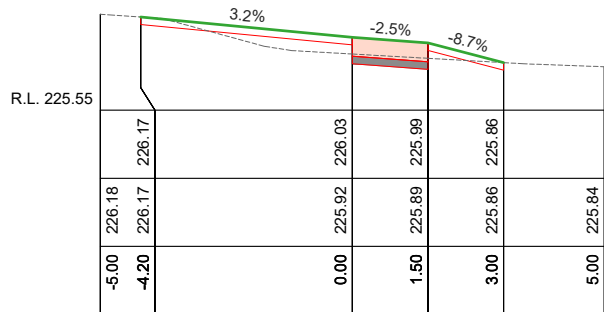
PROJECT DESIGN STATUS		
Surveyor:	D.MEADES	04/01/24
Designer:	S.KANDEL	01/10/24
Draft Checked:	A.SMITH	01/10/24
Tender Approved:	B.JANSEEN	xx/xx/24
PRELIMINARY DESIGN DRAFT 4		

PROJECT DETAILS	
Location:	Gittins Drive
Suburb:	Strathdale
Works:	Footpath Construction
GB No:	GB5112

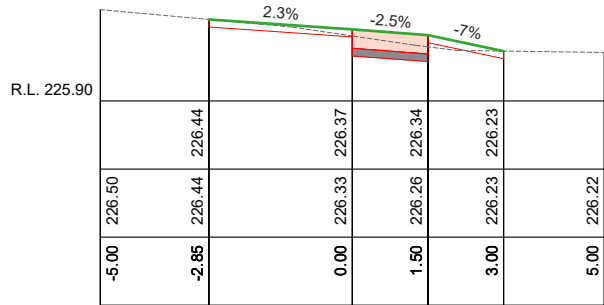
SHEET DETAILS			
CROSS SECTIONS		Sheet number: 11 of 12	
		Plan Scale: AS SHOWN A3	
		Plotted: 01/10/204 By: Sandesh Kandel	
SHEET REVISIONS AFTER TENDER			
Revision	Description	Approved by	Date
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-	-	-	-



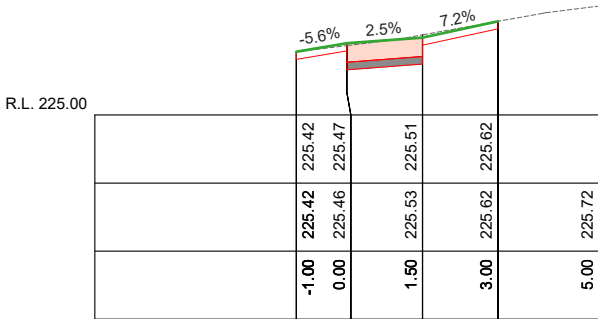
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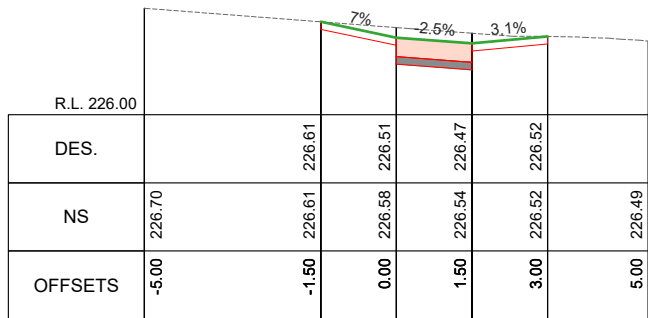
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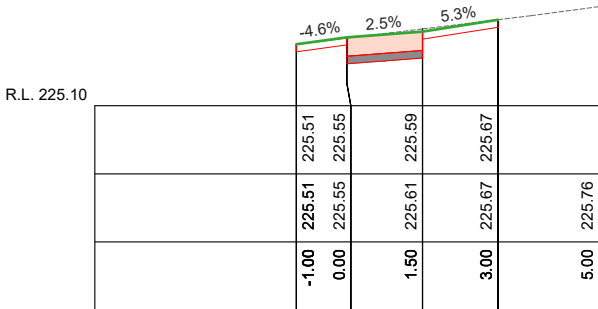
Ch 15.00



Ch 35.00



Ch 5.00



Ch 30.00

Harcourt Dog Park
SCALES: H 1:150 V 1:50 (A3)



PROJECT DESIGN STATUS		
Surveyor:	D.MEADES	04/01/24
Designer:	S.KANDEL	01/10/24
Draft Checked:	A.SMITH	01/10/24
Tender Approved:	B.JANSEEN	xx/xx/24
PRELIMINARY DESIGN DRAFT 4		

PROJECT DETAILS	
Location:	Gittins Drive
Suburb:	Strathdale
Works:	Footpath Construction
GB No:	GB5112

SHEET DETAILS			
CROSS SECTIONS	Sheet number: 12 of 12		
	Plan Scale: AS SHOWN		A3
	Plotted: 01/10/204 By: Sandesh Kandel		
SHEET REVISIONS AFTER TENDER			
Revision	Description	Approved by	Date
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-	-	-	-
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