

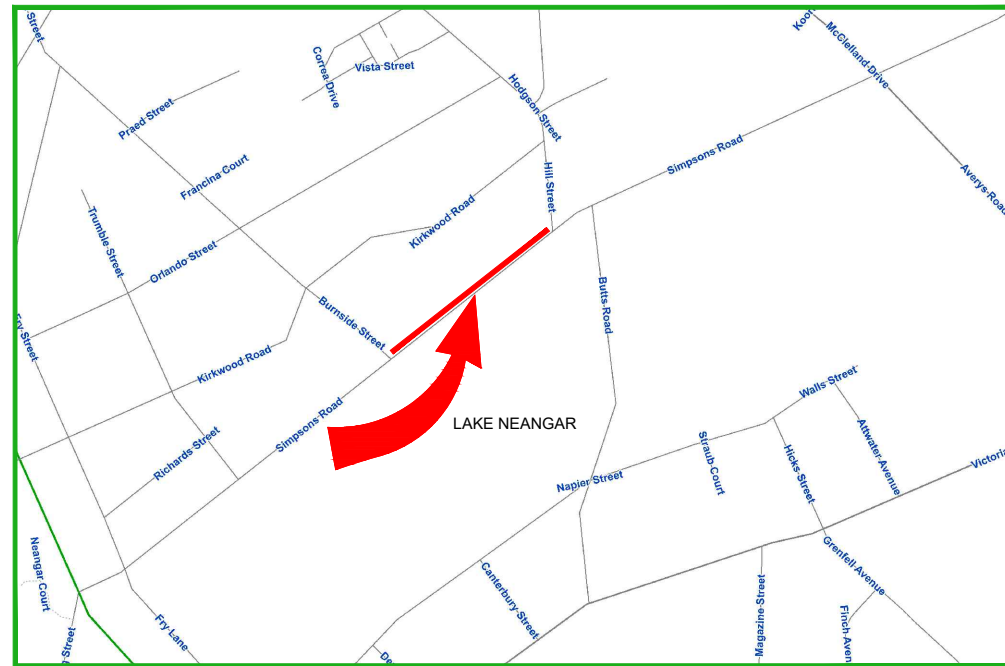
SIMPSONS ROAD, EAGLEHAWK

GB4923

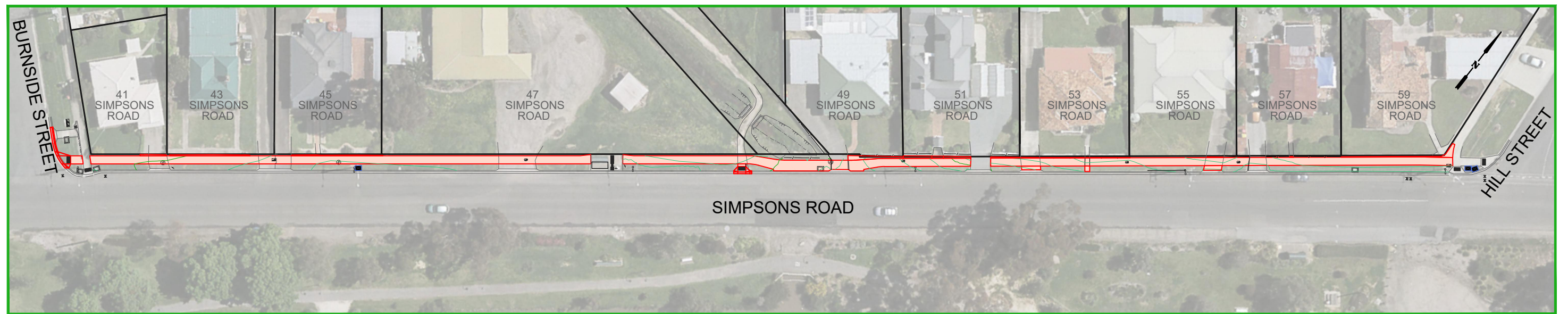
NEW FOOTPATH

JULY 2023

DOCUMENT CONTROL				
SHEET No.	SHEET ESC.	13/07/2023	xx/xx/xx	xx/xx/xx
		DRAFT REVISION	TENDER REVISION	CONSTRUCTION REVISION
1	COVER SHEET	-	-	-
2	GENERAL NOTES	-	-	-
3	PLAN VIEW & LONG SECTION	-	-	-
4	PLAN VIEW & LONG SECTION	-	-	-
5	PLAN VIEW & LONG SECTION	-	-	-
6	CROSS SECTIONS	-	-	-
7	CROSS SECTIONS	-	-	-
8	CROSS SECTIONS	-	-	-



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	<table border="1"> <thead> <tr> <th>Item</th> <th>Required</th> <th>Comments</th> <th>Contractor</th> </tr> </thead> <tbody> <tr> <td>Vegetation</td> <td>No</td> <td>-</td> <td></td> </tr> <tr> <td>RRV</td> <td>No</td> <td>-</td> <td></td> </tr> <tr> <td>CMA</td> <td>No</td> <td>-</td> <td></td> </tr> <tr> <td>Planning Permit</td> <td>No</td> <td>-</td> <td></td> </tr> <tr> <td>Land Acquisition</td> <td>No</td> <td>-</td> <td></td> </tr> <tr> <td>CHMP</td> <td>No</td> <td>-</td> <td></td> </tr> <tr> <td>Other</td> <td>No</td> <td>-</td> <td></td> </tr> </tbody> </table>		Item	Required	Comments	Contractor	Vegetation	No	-		RRV	No	-		CMA	No	-		Planning Permit	No	-		Land Acquisition	No	-		CHMP	No	-		Other	No	-		<table border="1"> <tbody> <tr> <td>Surveyor:</td> <td>H. WHYTOCK</td> <td>21/03/23</td> </tr> <tr> <td>Designer:</td> <td>B. JANSSEN</td> <td>11/07/23</td> </tr> <tr> <td>Draft Checked:</td> <td>A. SMITH</td> <td>xx/xx/23</td> </tr> <tr> <td>Tender Approved:</td> <td>N. SARTORI</td> <td>xx/xx/23</td> </tr> </tbody> </table>	Surveyor:	H. WHYTOCK	21/03/23	Designer:	B. JANSSEN	11/07/23	Draft Checked:	A. SMITH	xx/xx/23	Tender Approved:	N. SARTORI	xx/xx/23	Location: SIMPSONS ROAD Suburb: EAGLEHAWK Works: NEW FOOTPATH GB No: GB4923	SHEET number: 1 of 8 Plan Scale: - A3 Plotted: 13/07/2023 By: Bayley Janssen SHEET REVISIONS AFTER TENDER <table border="1"> <thead> <tr> <th>Revision</th> <th>Description</th> <th>Approved by</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table>	Revision	Description	Approved by	Date	-	-	-	-	-	-	-	-	-	-	-
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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

ASPHALT AND SURFACE TREATMENTS

- 407 Dense Graded Asphalt

INCIDENTAL CONSTRUCTION

- 703 General Concrete Paving
- 705 Drainage Pits and Covers
- 706 Installation or Replacement of Utility Infrastructure within Road Reserves
- 707 Fencing
- 714 Sign Installation

MATERIAL SPECIFICATIONS

FOR WORKS DEPARTMENT

All materials used in construction projects undertaken by the CoGB Works department shall be compliant with the specifications setout in the relevant CoGB material panel supply contract.

Where panel supply contract information is not available, material specifications shall be sought from and supplied by the CoGB Engineering Department, and all materials used in construction must comply with those specifications.

FOR EXTERNAL CONSULTANTS (inc. consultants engaged by the Works Dept.)

All materials used by external contractors engaged to undertake CoGB construction projects, or components thereof, shall be as per the material specification supplied within the instrument of engagement (Quote, Tender or Contract), or as per written instruction from the project Superintendents.

PROJECT PLANNING REQUIREMENTS

Permits and approvals

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

PROJECT PLANNING REQUIREMENTS			
Item	Required	Comments	Contractor
Vegetation	No	-	
RRV	No	-	
CMA	No	-	
Planning Permit	No	-	
Land Acquisition	No	-	
CHMP	No	-	
Other	No	-	

GENERAL NOTES

STANDARD DRAWINGS

Standard Drawings that are referenced within the design drawings are noted as 'SD', and are sourced from 3 locations. They are available for download online or from the project superintendent:

1. 'CoGB SD' are sourced from the City of Greater Bendigo
<https://www.bendigo.vic.gov.au/Services/Roads-and-Drainage/Roads/Construction-standards>
2. 'IDM SD' are sourced from the Infrastructure Design Manual
<https://www.designmanual.com.au/>
3. 'Vicroads SD' are sourced from Vicroads
<https://www.vicroads.vic.gov.au/business-and-industry/technical-publications/technical-drawings-for-roadworks/standard-drawings-for-roadworks>

SERVICES SHOWN ON PLANS AND DURING CONSTRUCTION

- The location of underground services shown on design drawings have been derived from available information. Accuracy can not be guaranteed and should therefore be treated as indicative only.
- Gas and water property services are not located or shown on design drawings. It is the contractors responsibility to locate and alter these services as required to achieve the project design.
- Prior to undertaking construction activities, exact service locations must be arranged and marked onsite.
- The contractor will be held responsible for any damage caused to services.
- All service pit lids or valve covers within the works area are to be raised or lowered to match the design surface level to the relevant authority standards, unless noted otherwise on the construction plans, or by approval from the superintendent.
- Any service authority marker post found within the works area is to be relocated adjacent to their current position to a point 150mm offset from the nearest property boundary.
- Any PSM covers affected during works are to be renewed to CoGB SD293 unless noted otherwise, or by approval from the superintendent.

DRAINAGE

- Any private storm water pipes discovered during works are to be plumbed to the nearest CoGB drainage pit, or with approval from the superintendent, to the nearest kerb or pipe

CONSTRUCTION MANAGEMENT GUIDANCE

OCCUPATIONAL HEALTH AND SAFETY

Delivery units shall consider appropriate management of occupational health and safety, and develop management plans compliant with ISO45001, and the City of Greater Bendigo integrated management system prior to any works beginning onsite

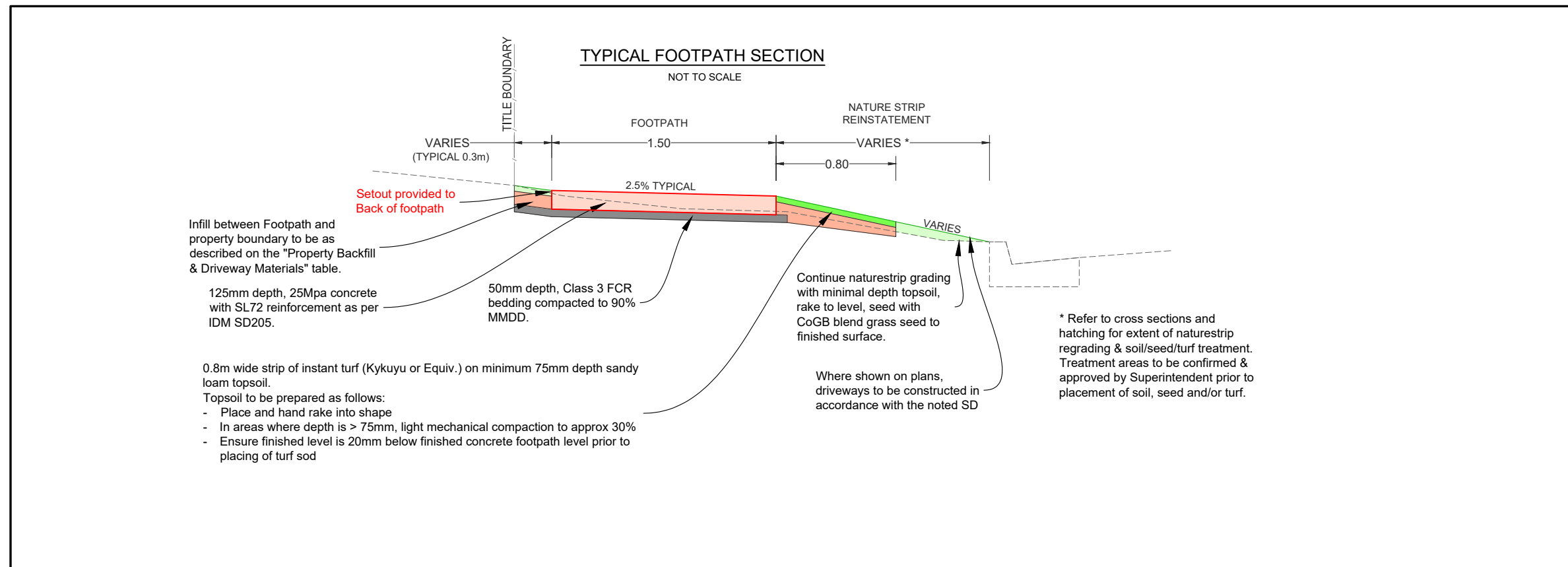
SITE ENVIRONMENTAL MANAGEMENT PLAN

A Site Environmental Management Plan (SEMP) is to be developed by delivery units to manage the project site during the project delivery window. Consideration shall be given to appropriate management of the following, with a SEMP plan filled out and displayed onsite at all times:

- Communication and induction for staff, contractors and sub contractors
- Communication with appropriate adjacent residents/businesses
- Noise and Vibration
- Dust and contamination
- Chemicals
- Erosion and sediment
- Waste
- Vehicle and roadside management
- Vegetation, with particular focus on any relevant permit conditions and AS4970
- Heritage, with particular focus on any relevant permit conditions

TRAFFIC MANAGEMENT PLAN

Where appropriate and prior to any works starting on site, delivery units must organise a AS1742.3 compliant traffic management plan, and have it approved by the relevant road authority.



BEFORE YOU DIG
www.byda.com.au
Zero Damage - Zero Harm

IMPORTANT!
The location of underground services have been derived from available information, however accuracy cannot be guaranteed. All existing service information should therefore be treated as indicative only, and service locations must be arranged prior to commencement of any excavation. The contractor will be held responsible for any damage caused to underground services.

SURVEY NOTES
Survey has been conducted to:

- MGA 2020 and orientated via (PMx & PMy... or via GPS)
- Survey level has been tied to AHD via PMz or via GPS

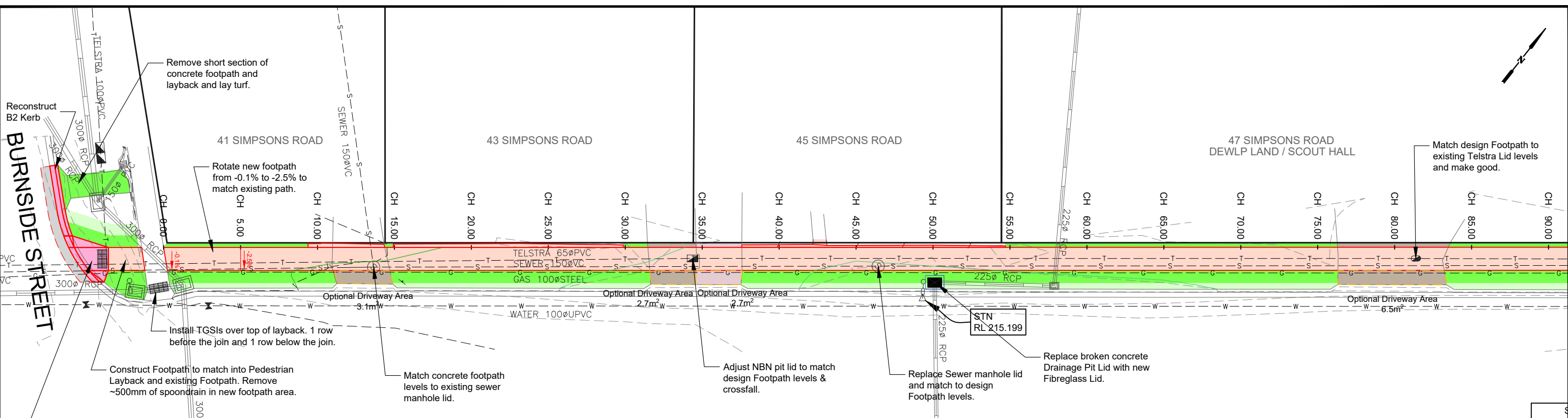


PROJECT DESIGN STATUS		
Surveyor:	H. WHYTOCK	21/03/23
Designer:	B. JANSSEN	11/07/23
Draft Checked:	A. SMITH	xx/xx/23
Tender Approved:	N. SARTORI	xx/xx/23

PRELIMINARY DESIGN DRAFT 2

PROJECT DETAILS	
Location:	SIMPSONS ROAD
Suburb:	EAGLEHAWK
Works:	NEW FOOTPATH
GB No:	GB4923

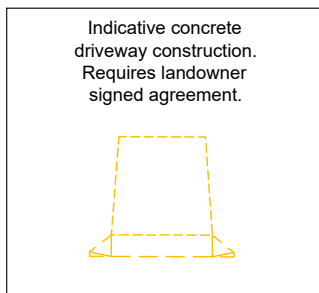
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GENERAL NOTES		Sheet number:	2 of 8
		Plan Scale:	- A3
Plotted: 13/07/2023 By: Bayley Janssen			
SHEET REVISIONS AFTER TENDER		Approved by	Date
Revision	Description		
-	-	-	-
-	-	-	-
-	-	-	-



PROPERTY BACKFILL & DRIVEWAY MATERIALS

Property Number	Backfill Between FP and Fenceline	Driveway Material & Match
41	75mm Topsoil & Turf	Concrete (IDM SD205) for Driveway and Mailbox. 50mm Gravel between FP and Layback
43	Concrete Infill (IDM SD205), 75mm Topsoil and Turf when no adjacent concrete.	50mm depth Gravel driveway
45	Concrete Infill (IDM SD205)	Asphalt Driveway (IDM SD206)
47	75mm Topsoil & Turf	50mm depth Gravel driveway

SIMPSONS ROAD



SIMPSONS ROAD FOOTPATH LONGITUDINAL SECTION CH 0.000 To 90.000

CHAINAGE	DES CL	NS CL	Grading (%)	Notes
0.00	215.57	215.57	-0.4%	I.P. 215.57
5.00	215.55	215.54	-0.1%	I.P. 215.53
10.00	215.53	215.52	-0.6%	I.P. 215.52
10.98	215.53	215.53		
14.37	215.52	215.52		
15.00	215.52	215.45		
20.00	215.49	215.42	-1.0%	I.P. 215.42
25.00	215.46	215.40	-0.6%	
30.00	215.43	215.39		
31.47	215.42	215.44		
35.00	215.39	215.36		
37.58	215.36	215.36		
40.00	215.35	215.34		
45.00	215.32	215.32		I.P. 215.32
50.00	215.33	215.34		
55.00	215.34	215.29		
60.00	215.35	215.34	0.2%	
65.00	215.36	215.39		
70.00	215.36	215.39		
75.00	215.37	215.41		I.P. 215.37
76.29	215.37	215.37		
80.00	215.37	215.35		
83.49	215.38	215.35		I.P. 215.38
85.00	215.38	215.35		
90.00	215.39	215.35	0.2%	

SIMPSONS ROAD FOOTPATH LONGITUDINAL SECTION CH 0.000 To 90.000
 SCALES: H 1:250 V 1:50 (A3)

LEGEND

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)	Road Pavement: Deep Lift Asphalt - 40mm Type N (10mm) - 110mm Type SI (2 x 55mm layers)
EXISTING CONTOURS - Levels to AHD (0.10m interval)	Concrete Driveway area: Normal plain Dwy as per IDM SD240	Landscape work: topsoil and seed (Refer: Typical details pg 2)	
Concrete Kerb area: Normal plain B2 Kerb: IDM SD100 Layback: CoGB SD191	Asphalt Driveway area: Dwy as per IDM SD206	Gravel Driveway area: 50mm Gravel	



PROJECT DESIGN STATUS

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Designer:	B. JANSSEN	11/07/23
Draft Checked:	A. SMITH	xx/xx/23
Tender Approved:	N. SARTORI	xx/xx/23

PRELIMINARY DESIGN DRAFT 2

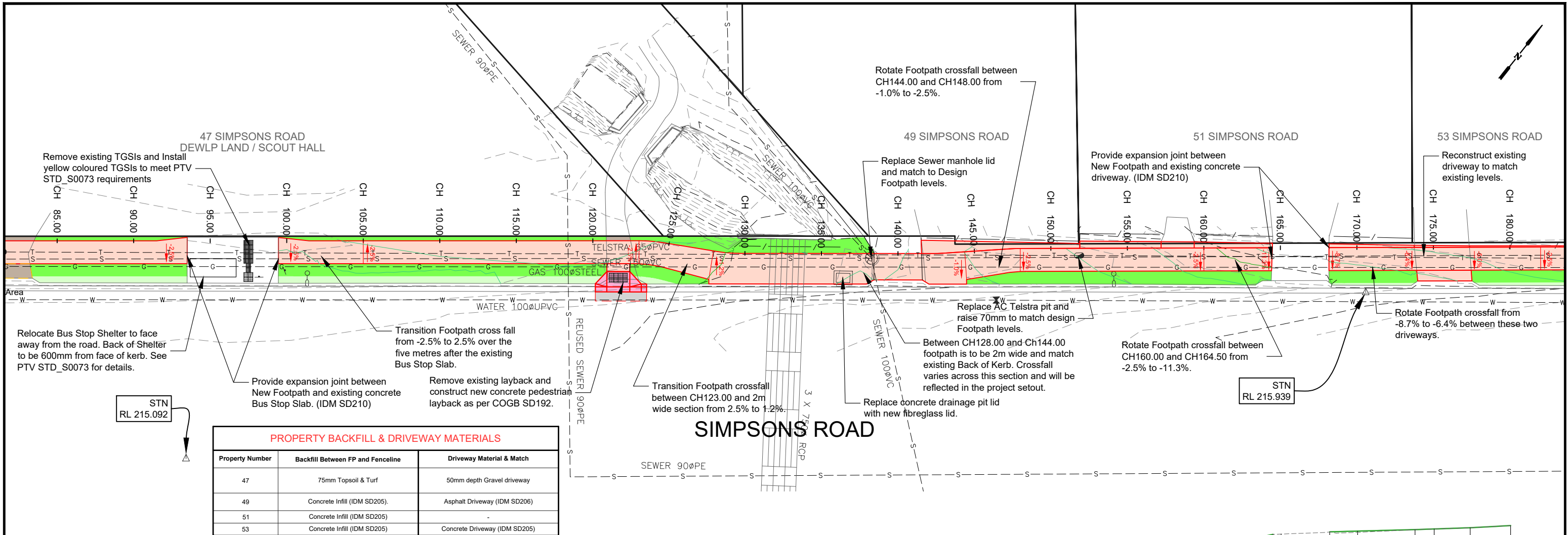
PROJECT DETAILS

Location: SIMPSONS ROAD
 Suburb: EAGLEHAWK
 Works: NEW FOOTPATH
 GB No: GB4923

SHEET DETAILS

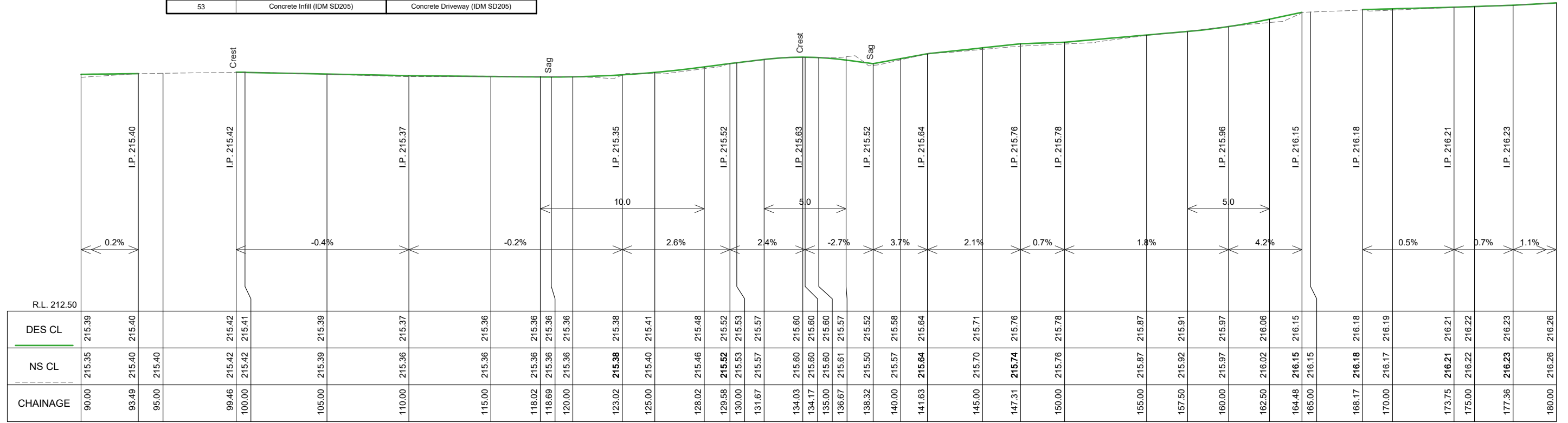
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 Plotted: 13/07/2023 By: Bayley Janssen

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Revision	Description				
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-	-	-	-	-	-
-	-	-	-	-	-



PROPERTY BACKFILL & DRIVEWAY MATERIALS

Property Number	Backfill Between FP and Fenceline	Driveway Material & Match
47	75mm Topsoil & Turf	50mm depth Gravel driveway
49	Concrete Infill (IDM SD205)	Asphalt Driveway (IDM SD206)
51	Concrete Infill (IDM SD205)	-
53	Concrete Infill (IDM SD205)	Concrete Driveway (IDM SD205)



SIMPSONS ROAD FOOTPATH LONGITUDINAL SECTION CH 90.000 To 180.000
 SCALES: H 1:250 V 1:50 (A3)

LEGEND

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)	Road Pavement: Deep Lift Asphalt - 40mm Type N (10mm) - 110mm Type S1 (2 x 55mm layers)
EXISTING CONTOURS - Levels to AHD (0.10m interval)	Concrete Driveway area: Normal plain Dwy as per IDM SD240	Landscape work: topsoil and seed (Refer: Typical details pg 2)	
Concrete Kerb area: Normal plain B2 Kerb: IDM SD100 Layback: CoGB SD191	Asphalt Driveway area: Dwy as per IDM SD206	Gravel Driveway area: 50mm Gravel	



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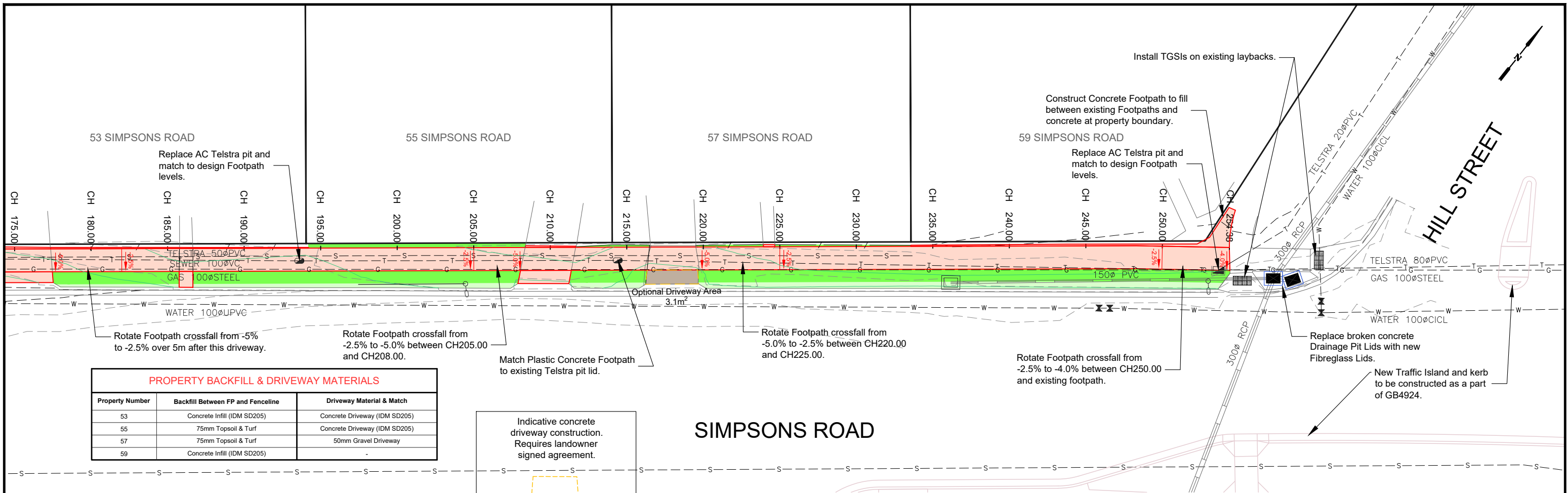
PRELIMINARY DESIGN DRAFT 2

PROJECT DETAILS

Location:	SIMPSONS ROAD
Suburb:	EAGLEHAWK
Works:	NEW FOOTPATH
GB No:	GB4923

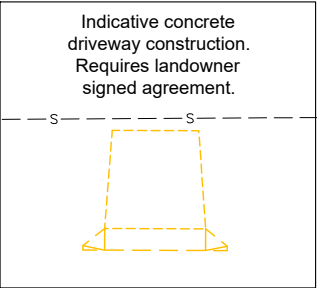
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		Plotted: 13/07/2023 By: Bayley Janssen	
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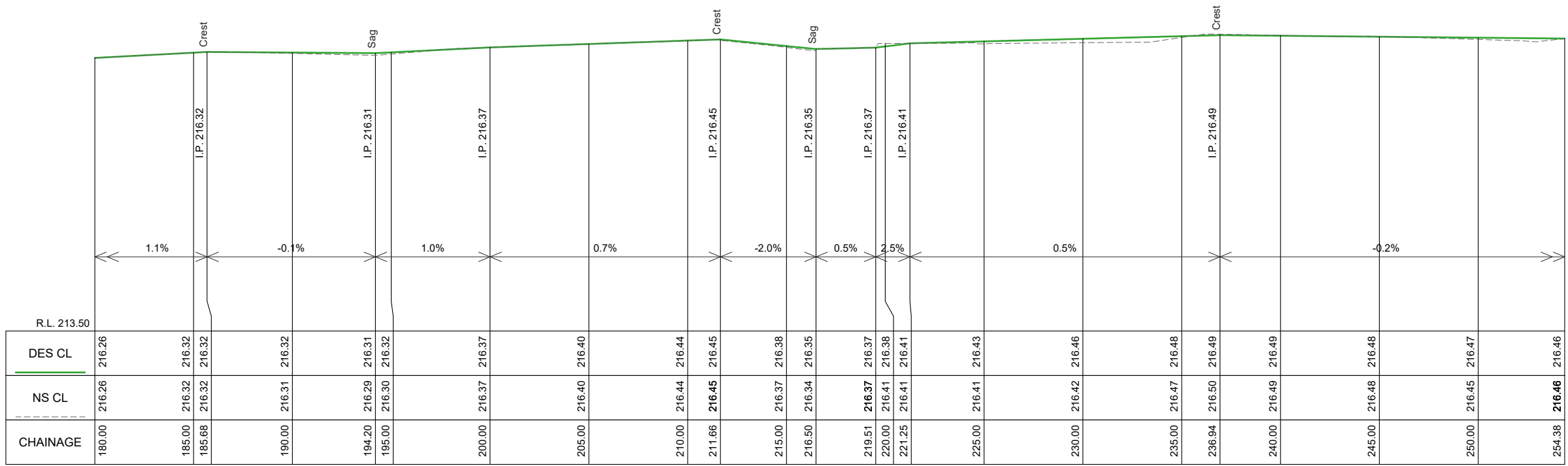


PROPERTY BACKFILL & DRIVEWAY MATERIALS

Property Number	Backfill Between FP and Fenceline	Driveway Material & Match
53	Concrete Infill (IDM SD205)	Concrete Driveway (IDM SD205)
55	75mm Topsoil & Turf	Concrete Driveway (IDM SD205)
57	75mm Topsoil & Turf	50mm Gravel Driveway
59	Concrete Infill (IDM SD205)	-



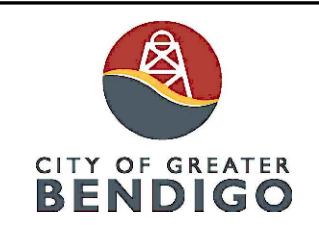
SIMPSONS ROAD



SIMPSONS ROAD FOOTPATH LONGITUDINAL SECTION CH 180.000 To 254.378
 SCALES: H 1:250 V 1:50 (A3)

LEGEND

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)	Road Pavement: Deep Lift Asphalt - 40mm Type N (10mm) - 110mm Type SI (2 x 55mm layers)
EXISTING CONTOURS - Levels to AHD (0.10m interval)	Concrete Driveway area: Normal plain Dwy as per IDM SD240	Landscape work: topsoil and seed (Refer: Typical details pg 2)	
Concrete Kerb area: Normal plain B2 Kerb: IDM SD100 Layback: CoGB SD191	Asphalt Driveway area: Dwy as per IDM SD206	Gravel Driveway area: 50mm Gravel	



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PRELIMINARY DESIGN DRAFT 2

PROJECT DETAILS

Location: **SIMPSONS ROAD**
 Suburb: **EAGLEHAWK**
 Works: **NEW FOOTPATH**
 GB No: **GB4923**

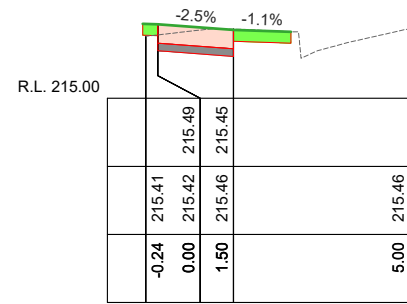
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 Plotted: 13/07/2023 By: Bayley Janssen

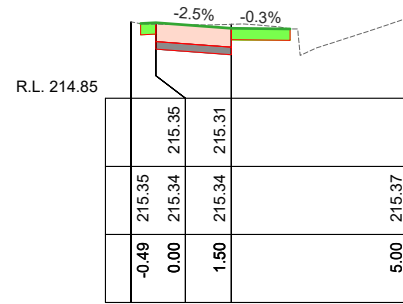
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SHEET REVISIONS AFTER TENDER

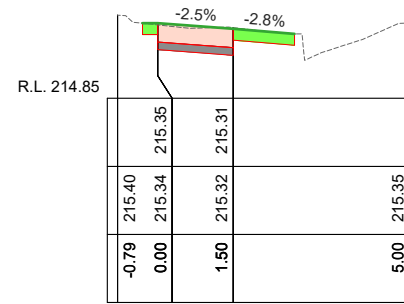
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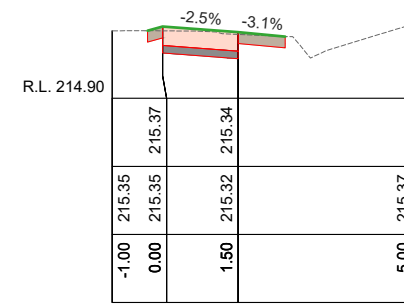
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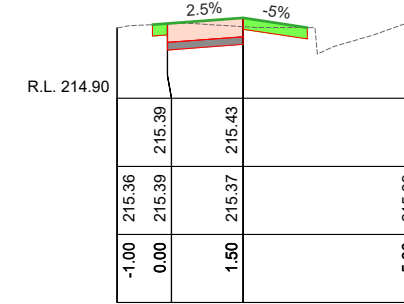
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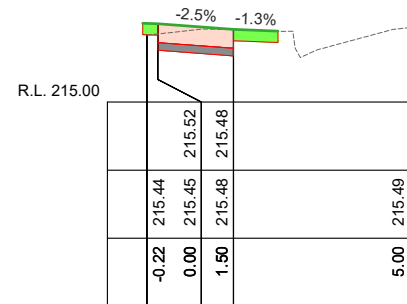
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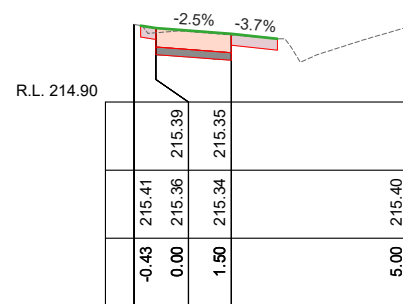
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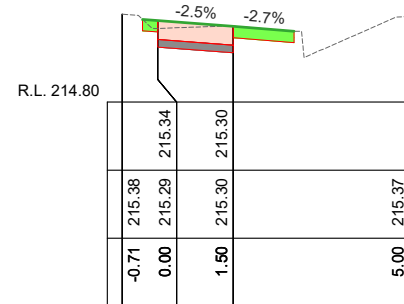
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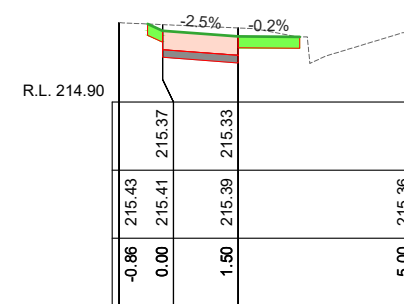
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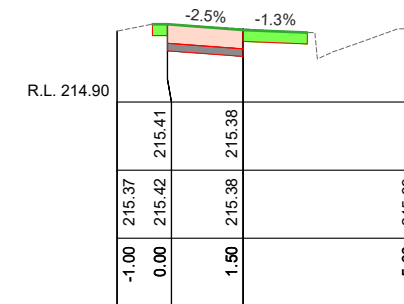
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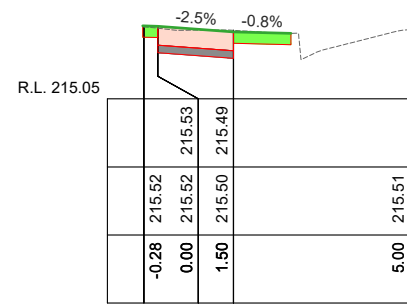
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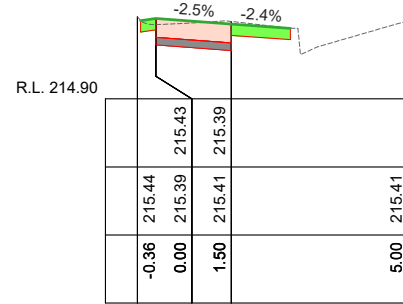
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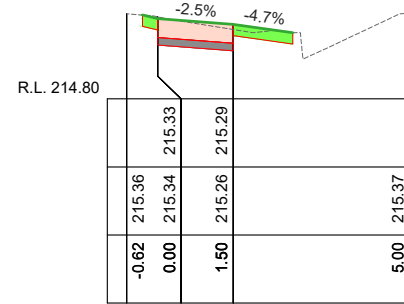
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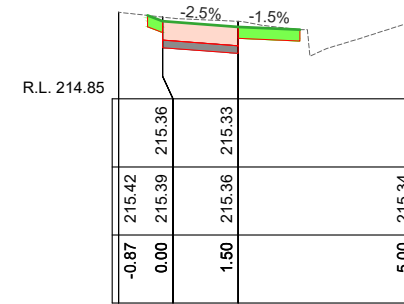
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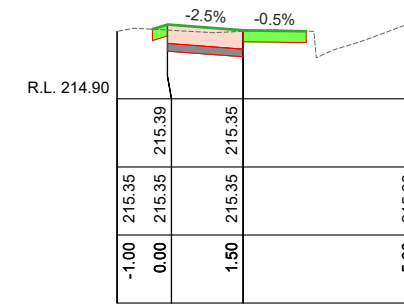
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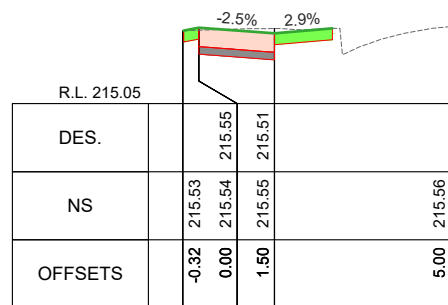
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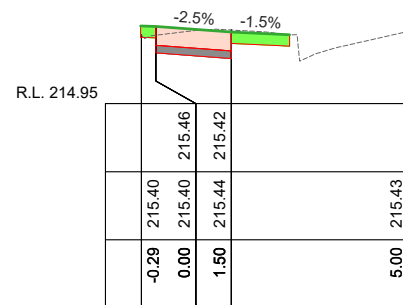
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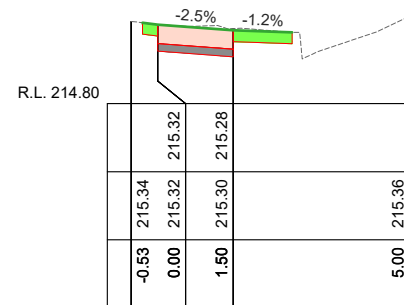
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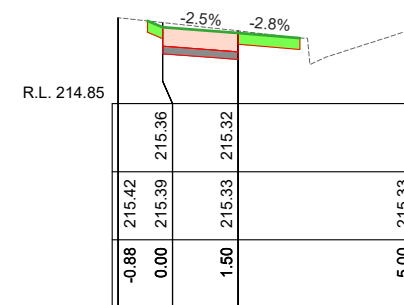
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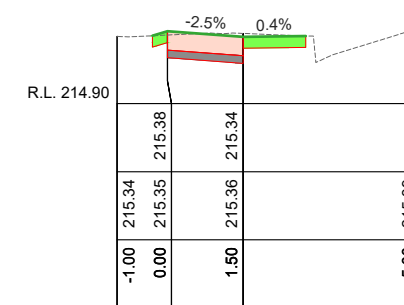
Ch 25.00



Ch 45.00



Ch 65.00



Ch 85.00

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

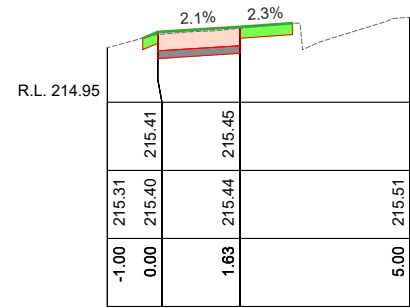


PROJECT DESIGN STATUS		
Surveyor:	H. WHYTOCK	21/03/23
Designer:	B. JANSSEN	11/07/23
Draft Checked:	A. SMITH	xx/xx/23
Tender Approved:	N. SARTORI	xx/xx/23

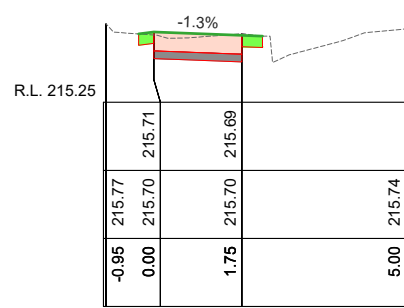
PRELIMINARY DESIGN DRAFT 2

PROJECT DETAILS	
Location:	SIMPSONS ROAD
Suburb:	EAGLEHAWK
Works:	NEW FOOTPATH
GB No:	GB4923

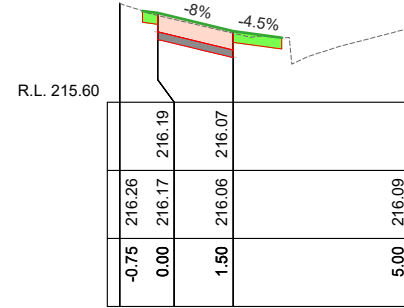
SHEET DETAILS			
CROSS SECTIONS		Sheet number:	6 of 8
		Plan Scale:	AS SHOWN A3
SHEET REVISIONS AFTER TENDER			
Revision	Description	Approved by	Date
-	-	-	-
-	-	-	-
-	-	-	-



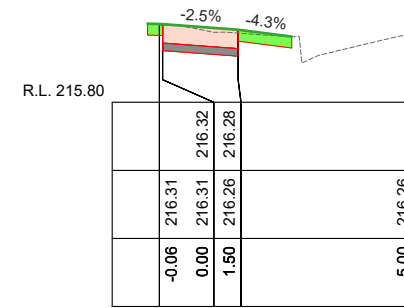
Ch 125.00



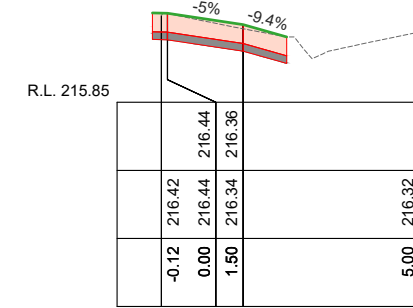
Ch 145.00



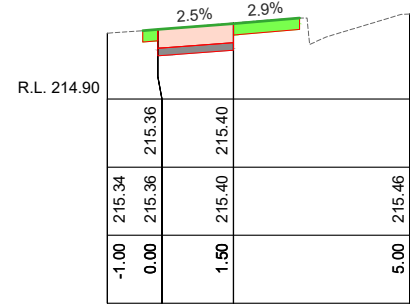
Ch 170.00



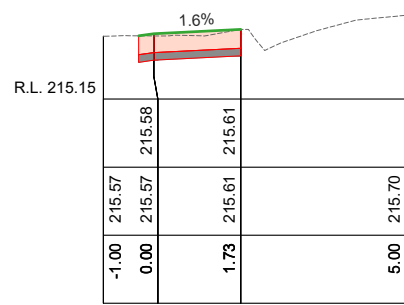
Ch 190.00



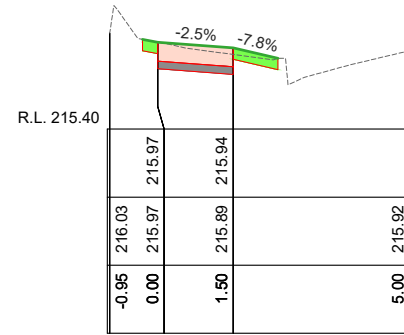
Ch 210.00



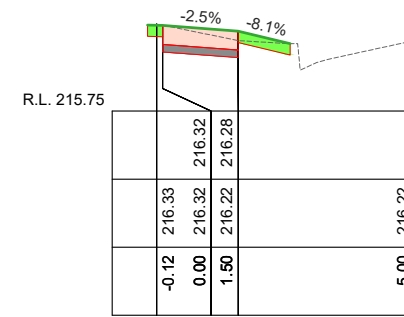
Ch 120.00



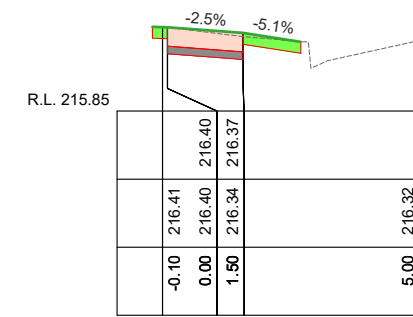
Ch 140.00



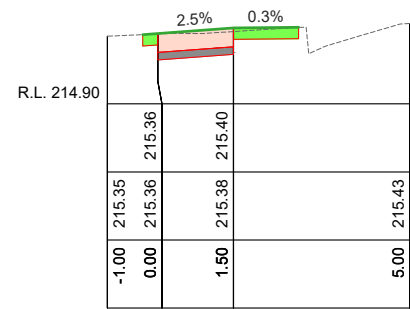
Ch 160.00



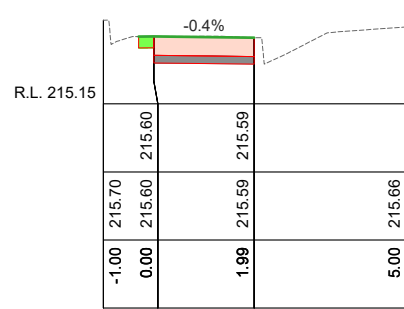
Ch 185.00



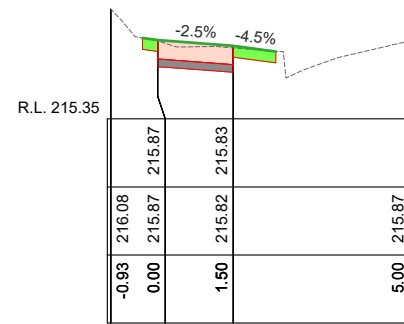
Ch 205.00



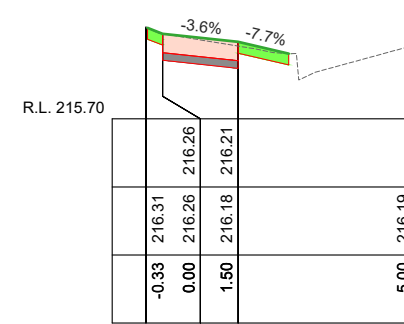
Ch 115.00



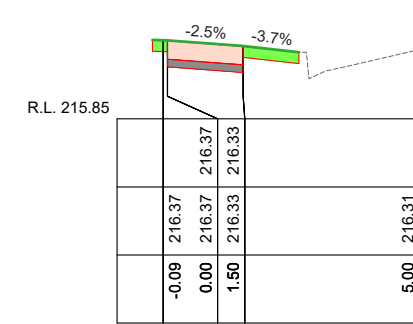
Ch 135.00



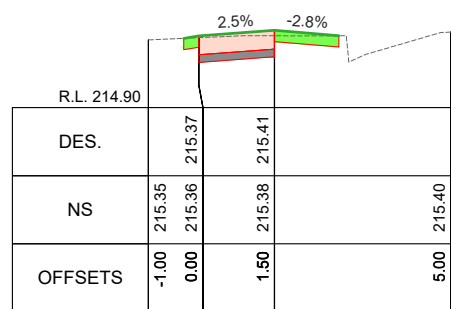
Ch 155.00



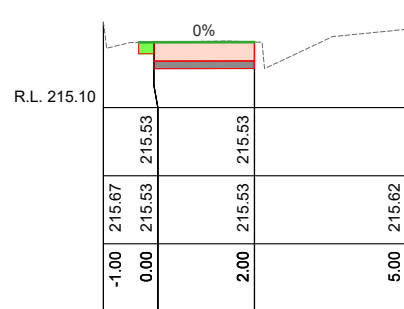
Ch 180.00



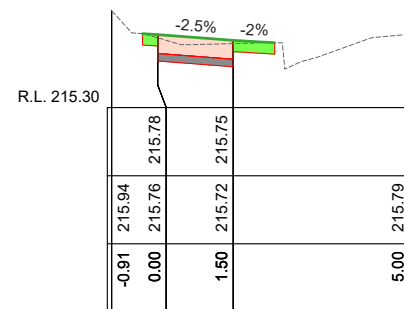
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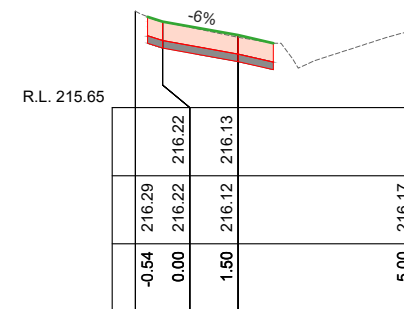
Ch 110.00



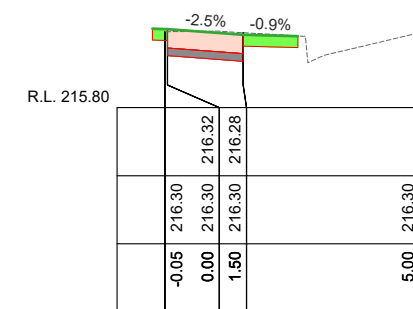
Ch 130.00



Ch 150.00



Ch 175.00



Ch 195.00

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

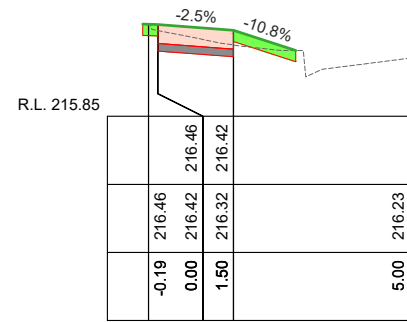


PROJECT DESIGN STATUS		
Surveyor:	H. WHYTOCK	21/03/23
Designer:	B. JANSSEN	11/07/23
Draft Checked:	A. SMITH	xx/xx/23
Tender Approved:	N. SARTORI	xx/xx/23

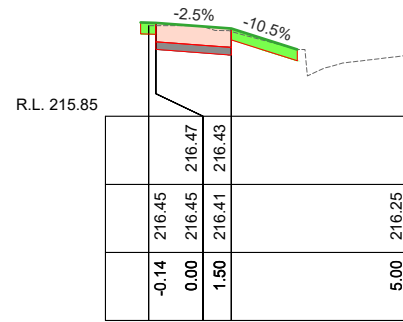
PRELIMINARY DESIGN DRAFT 2

PROJECT DETAILS	
Location:	SIMPSONS ROAD
Suburb:	EAGLEHAWK
Works:	NEW FOOTPATH
GB No:	GB4923

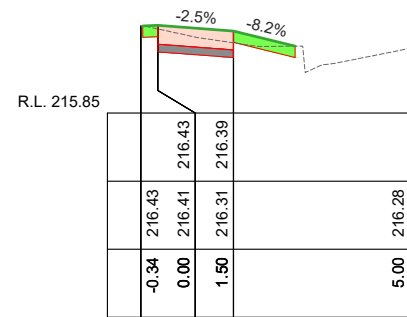
SHEET DETAILS			
CROSS SECTIONS			Sheet number: 7 of 8
			Plan Scale: AS SHOWN A3
			Plotted: 13/07/2023 By: Bayley Janssen
SHEET REVISIONS AFTER TENDER			
Revision	Description	Approved by	Date
-	-	-	-
-	-	-	-
-	-	-	-



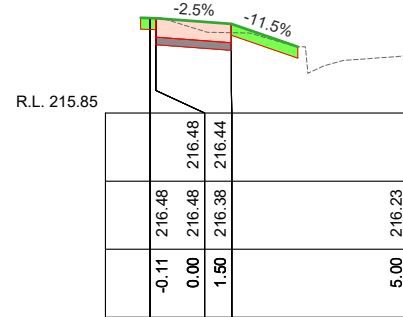
Ch 230.00



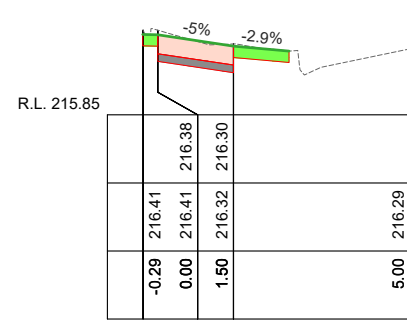
Ch 250.00



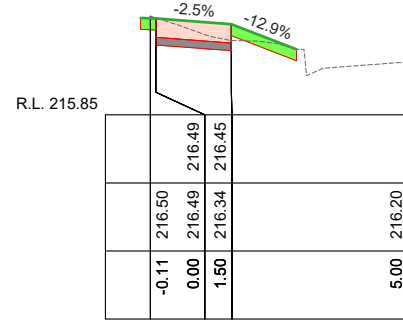
Ch 225.00



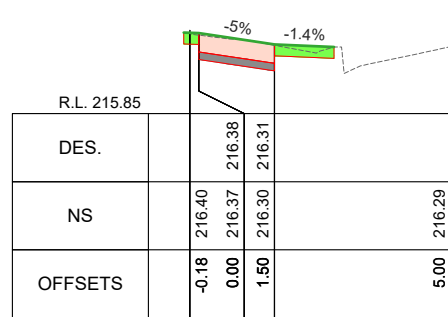
Ch 245.00



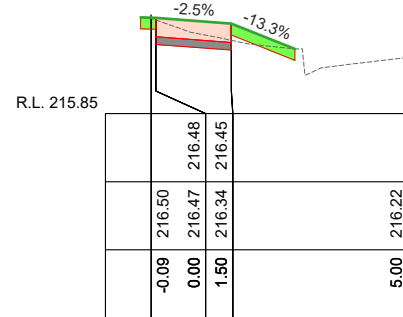
Ch 220.00



Ch 240.00



Ch 215.00



Ch 235.00

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



PROJECT DESIGN STATUS		
Surveyor:	H. WHYTOCK	21/03/23
Designer:	B. JANSSEN	11/07/23
Draft Checked:	A. SMITH	xx/xx/23
Tender Approved:	N. SARTORI	xx/xx/23
PRELIMINARY DESIGN DRAFT 2		

PROJECT DETAILS	
Location:	SIMPSONS ROAD
Suburb:	EAGLEHAWK
Works:	NEW FOOTPATH
GB No:	GB4923

SHEET DETAILS			
CROSS SECTIONS		Sheet number:	8 of 8
		Plan Scale:	AS SHOWN A3
Plotted: 13/07/2023 By: Bayley Janssen			
SHEET REVISIONS AFTER TENDER			
Revision	Description	Approved by	Date
-	-	-	-
-	-	-	-
-	-	-	-