

BANCROFT STREET, BENDIGO

GB5082

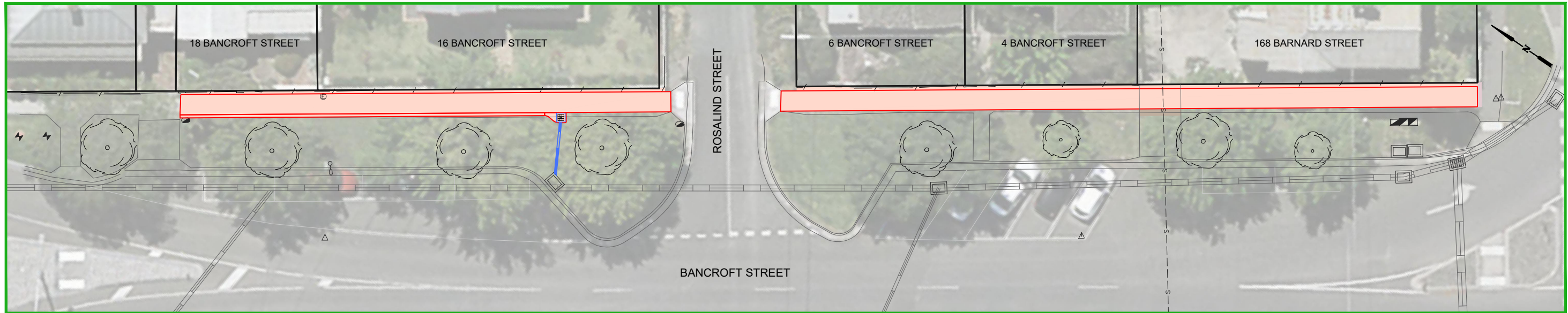
FOOTPATH RENEWAL

MAY 2023




LOCALITY MAP

DOCUMENT CONTROL				
SHEET No.	SHEETD ESC.	23/05/2023	xx/xx/xx	xx/xx/xx
		DRAFT REVISION	TENDER REVISION	CONSTRUCTION REVISION
1	COVER SHEET	-	-	-
2	GENERAL NOTES	-	-	-
3	LAYOUT PLAN & LONGITUDINAL SECTION	-	-	-
4	LAYOUT PLAN & LONGITUDINAL SECTION	-	-	-
5	CROSS SECTIONS	-	-	-
6	DRAINAGE LONG SECTION & PIT SCHEDULE	-	-	-



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	Contractor		Surveyor:	H. WHYTOCK	09/05/23	Location: Bancroft Street	Suburb: Bendigo	Works: Footpath Renewal	GB No: GB5082	COVER SHEET	Sheet number: 1 of 6	
		Vegetation	No	-			Designer:	B. JANSSEN	23/05/23						Plan Scale: - A3	
		RRV	No	-			Draft Checked:	A. SMITH	xx/xx/23						Plotted: 24/05/2023 By: Bayley Janssen	
		CMA	No	-			Tender Approved:	N. SARTORI	xx/xx/23							
		Planning Permit	No	-			<div>PRELIMINARY DESIGN DRAFT 2</div>								SHEET REVISIONS AFTER TENDER	
Land Acquisition	No	-		Revision	Description	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:

INCIDENTAL CONSTRUCTION

- 701 Underground Stormwater Drains
- 703 General Concrete Paving
- 705 Drainage Pits and Covers
- 706 Installation or Replacement of Utility Infrastructure within Road Reserves

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.contractors engaged by the Work 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	-	
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

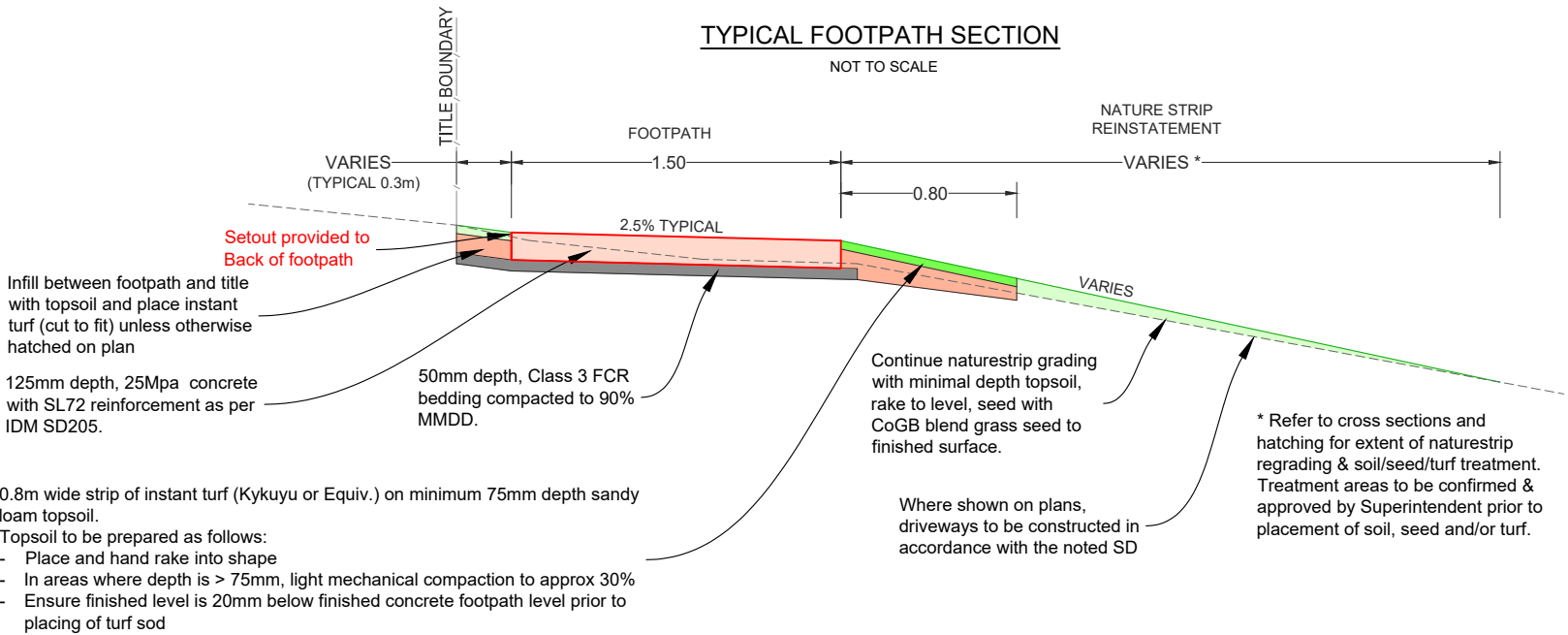
SITE ENVIRONMENTAL MANAGEMENT PLAN

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.





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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.

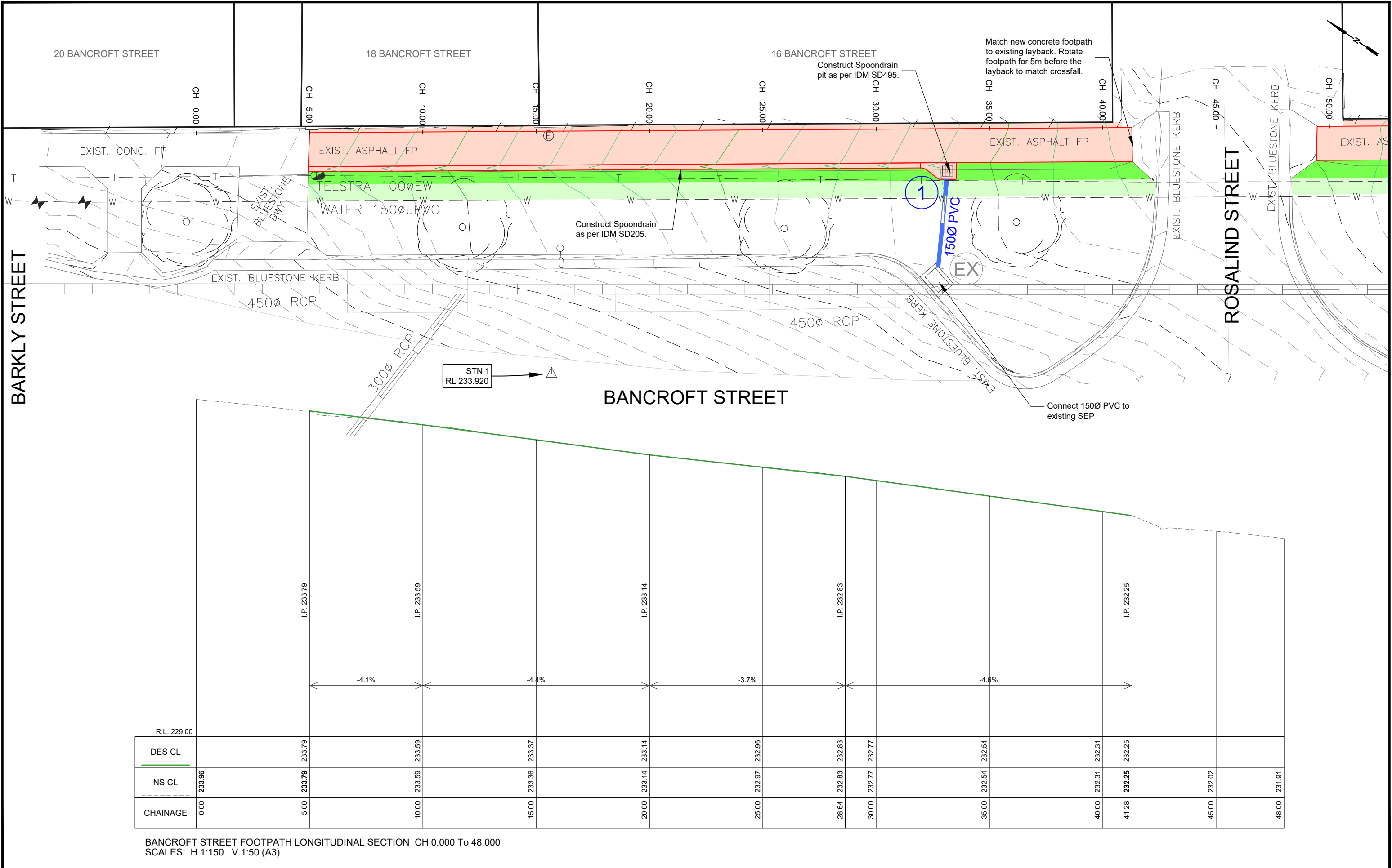


PROJECT DESIGN STATUS		
Surveyor:	H. WHYTOCK	09/05/23
Designer:	B. JANSSEN	23/05/23
Draft Checked:	A. SMITH	xx/xx/23
Tender Approved:	N. SARTORI	xx/xx/23

PRELIMINARY DESIGN
DRAFT 2

PROJECT DETAILS	
Location:	Bancroft Street
Suburb:	Bendigo
Works:	Footpath Renewal
GB No:	GB5082

SHEET DETAILS			
GENERAL NOTES		Sheet number:	2 of 6
		Plan Scale:	- A3
		Plotted:	24/05/2023 By: Bayley Janssen
SHEET REVISIONS AFTER TENDER			
Revision	Description	Approved by	Date
-	-	-	-
-	-	-	-
-	-	-	-



BANCROFT STREET FOOTPATH LONGITUDINAL SECTION CH 0.000 To 48.000
SCALES: H 1:150 V 1:50 (A3)

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 Footpath area: Normal Black

Footpath as per IDM SD 205 & SD210

Concrete Kerb area: Normal plain

Kerb per IDM SD100 & CoGB SD190,191,192

Concrete Driveway area: Industrial plain

Dwy as per IDM SD250

Concrete Driveway area: Normal plain

Dwy as per IDM SD240

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

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H. WHYTOCK

09/05/23

Designer:

B. JANSSEN

23/05/23

Draft Checked:

A. SMITH

xx/xx/23

Tender Approved:

N. SARTORI

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Location:

Bancroft Street

Suburb:

Bendigo

Works:

Footpath Renewal

GB No:

GB5082

SHEET DETAILS

LAYOUT PLAN & LONGITUDINAL SECTION

Sheet number:

3 of 6

Plan Scale:

1:150

A3

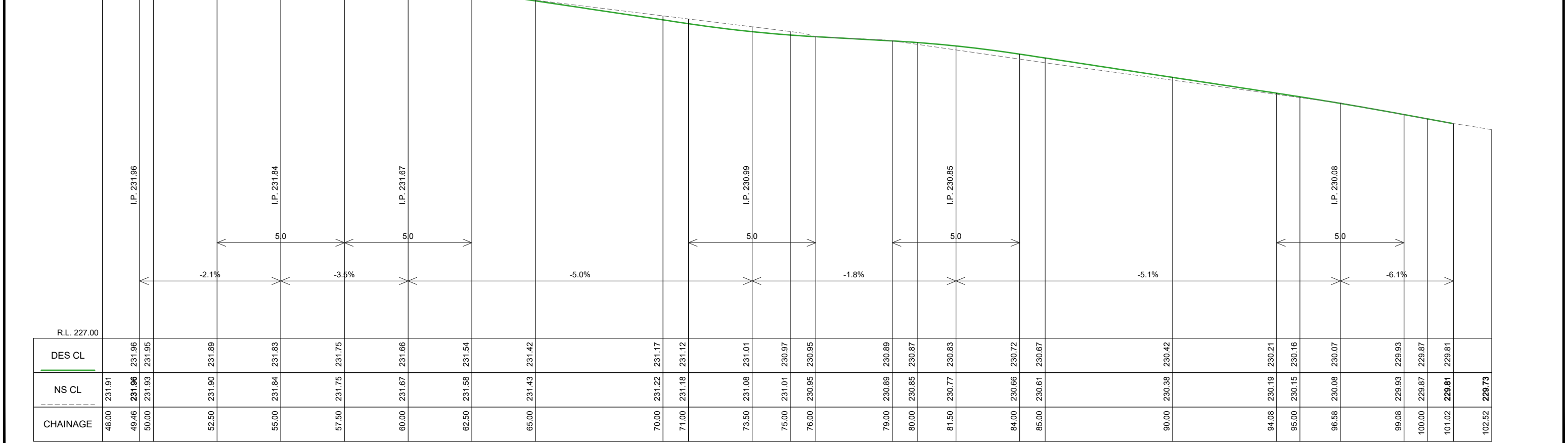
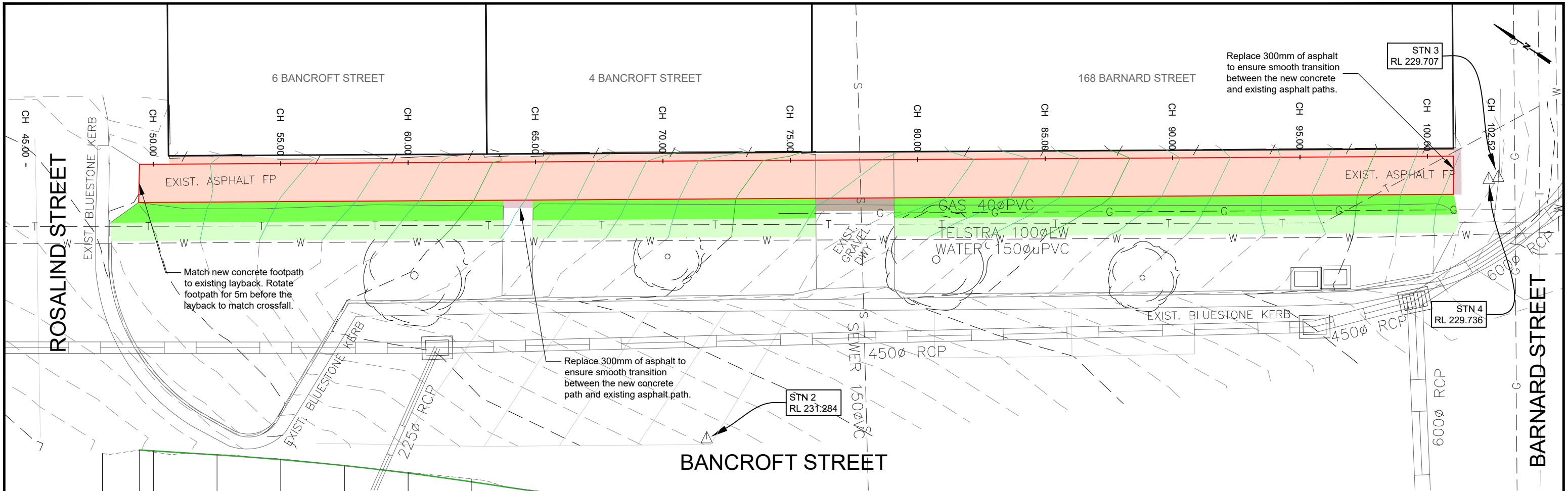
Plotted:

24/05/2023

By: Bayley Janssen

SHEET REVISIONS AFTER TENDER

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



BANCROFT STREET FOOTPATH LONGITUDINAL SECTION CH 48.000 To 102.522
SCALES: H 1:150 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: Industrial plain
Dwy as per IDM SD250

Concrete Driveway area: Normal plain
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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
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CITY OF GREATER
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**PRELIMINARY DESIGN
DRAFT 2**

PROJECT DETAILS

Location: Bancroft Street

Suburb: Bendigo

Works: Footpath Renewal

GB No: GB5082

SHEET DETAILS

LAYOUT PLAN &
LONGITUDINAL SECTION

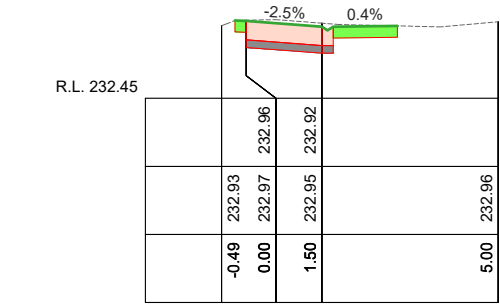
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Plan Scale: 1:150

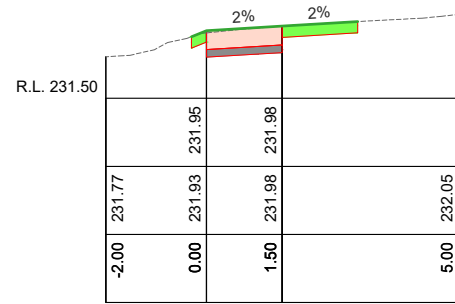
A3

Plotted: 24/05/2023 By: Bayley Janssen

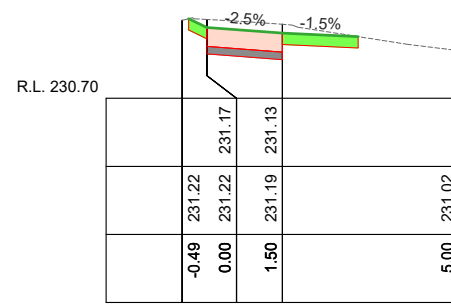
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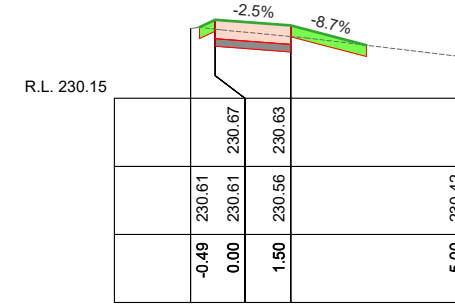
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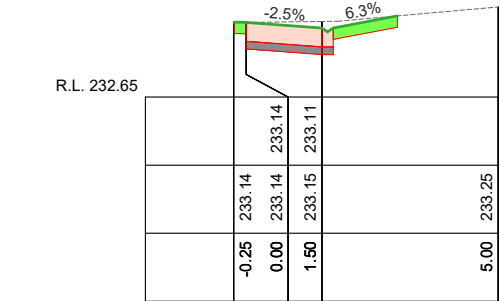
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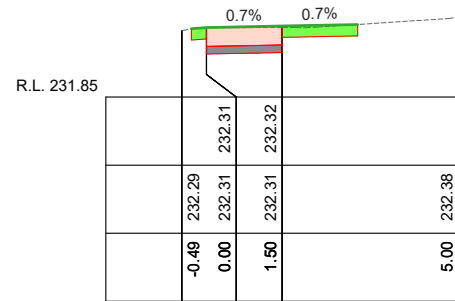
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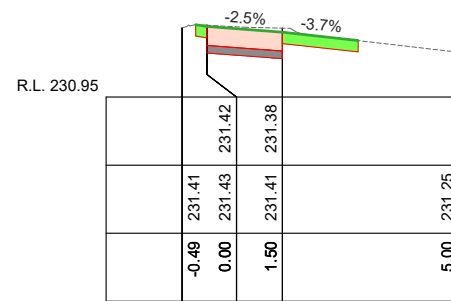
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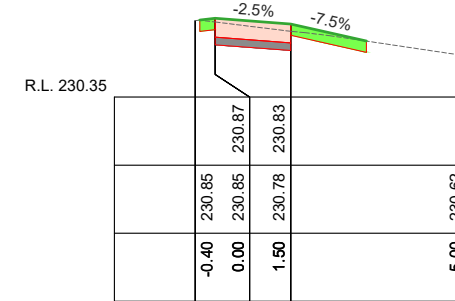
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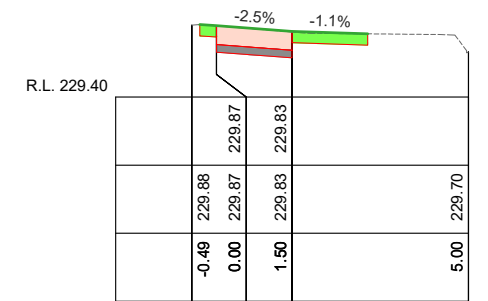
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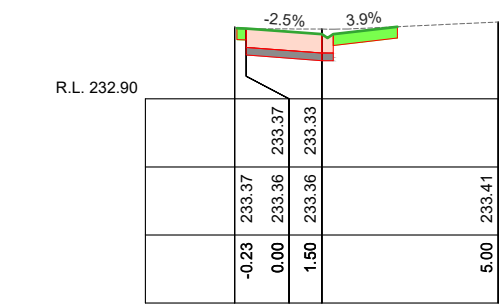
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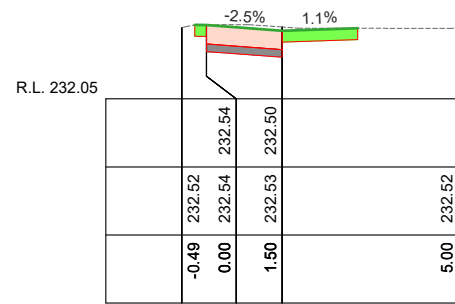
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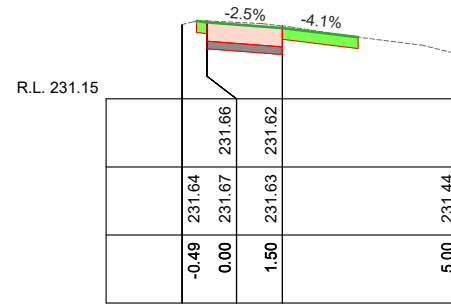
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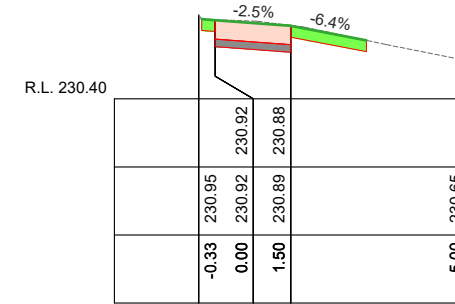
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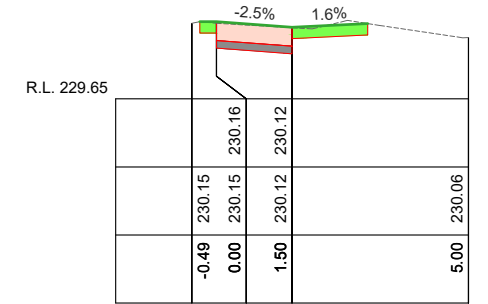
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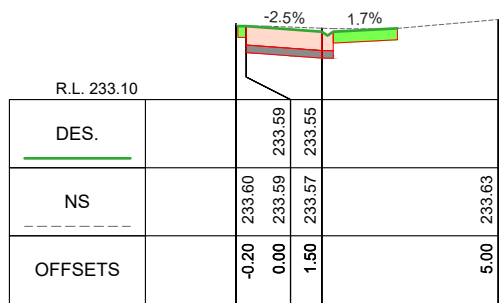
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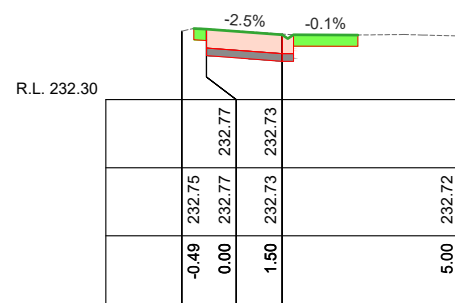
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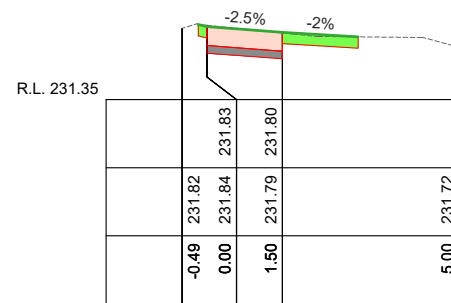
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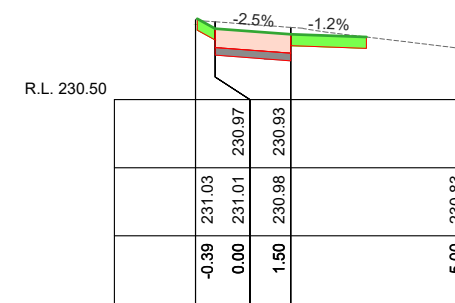
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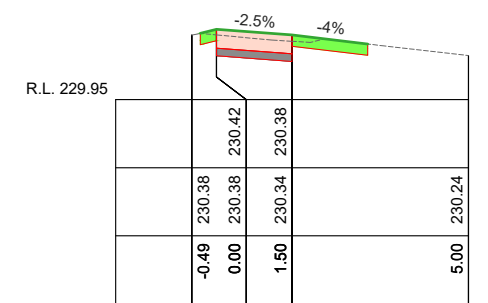
Ch 30.00



Ch 55.00



Ch 75.00



Ch 90.00

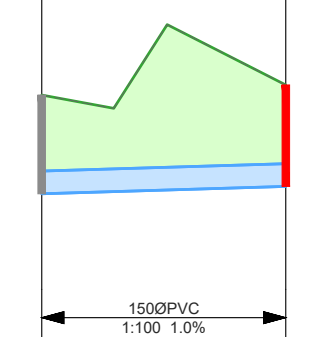
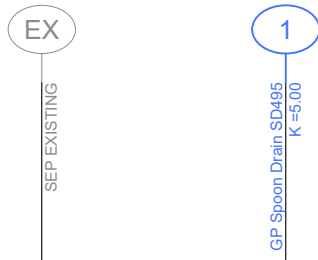
SCALES: H 1:150 V 1:50 (A3)



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Surveyor:	H. WHYTOCK	09/05/23
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Draft Checked:	A. SMITH	xx/xx/23
Tender Approved:	N. SARTORI	xx/xx/23
PRELIMINARY DESIGN DRAFT 2		

PROJECT DETAILS	
Location:	Bancroft Street
Suburb:	Bendigo
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SHEET DETAILS	
CROSS SECTIONS	Sheet number: 5 of 6
	Plan Scale: AS SHOWN A3
	Plotted: 24/05/2023 By: Bayley Janssen
SHEET REVISIONS AFTER TENDER	
Revision	Description
-	-
-	-
-	-



PIPE DETAILS SLOPE/GRADE DATUM RL 231		
INVERT LEVEL	232.132	232.180
DEPTH TO INVERT	0.65	0.67
EXISTING SURFACE	232.78	232.85
DESIGN SURFACE	232.78	232.85
CHAINAGE	0.00	4.84

DRAINAGE LONGITUDINAL SECTION
SCALES: HORIZONTAL 1:150 VERTICAL 1:50

Pit Schedule										
Pit No.	Pit Type	Standard Drawing	Pit Width	Pit Length	Outlet Diameter	Outlet Invert RL	Inlet Diameter	Inlet Invert RL	Pit Depth	Pit Lid Level
			(mm)	(mm)	(mm)	(m)	(mm)	(m)	(m)	(m)
EX	Side Entry Pit	EXISTING SEP	-	-	450	-	150	232.132	0.653	232.785
1	Grated Pit	IDM SD495	450	450	150	232.180			0.670	232.851



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PRELIMINARY DESIGN
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SHEET DETAILS		
DRAINAGE LONG SECTION & PIT SCHEDULE		Sheet number: 6 of 6
		Plan Scale: AS SHOWN A3
Plotted: 24/05/2023 By: Bayley Janssen		
SHEET REVISIONS AFTER TENDER		
Revision	Description	Approved by Date
-	-	- -
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