

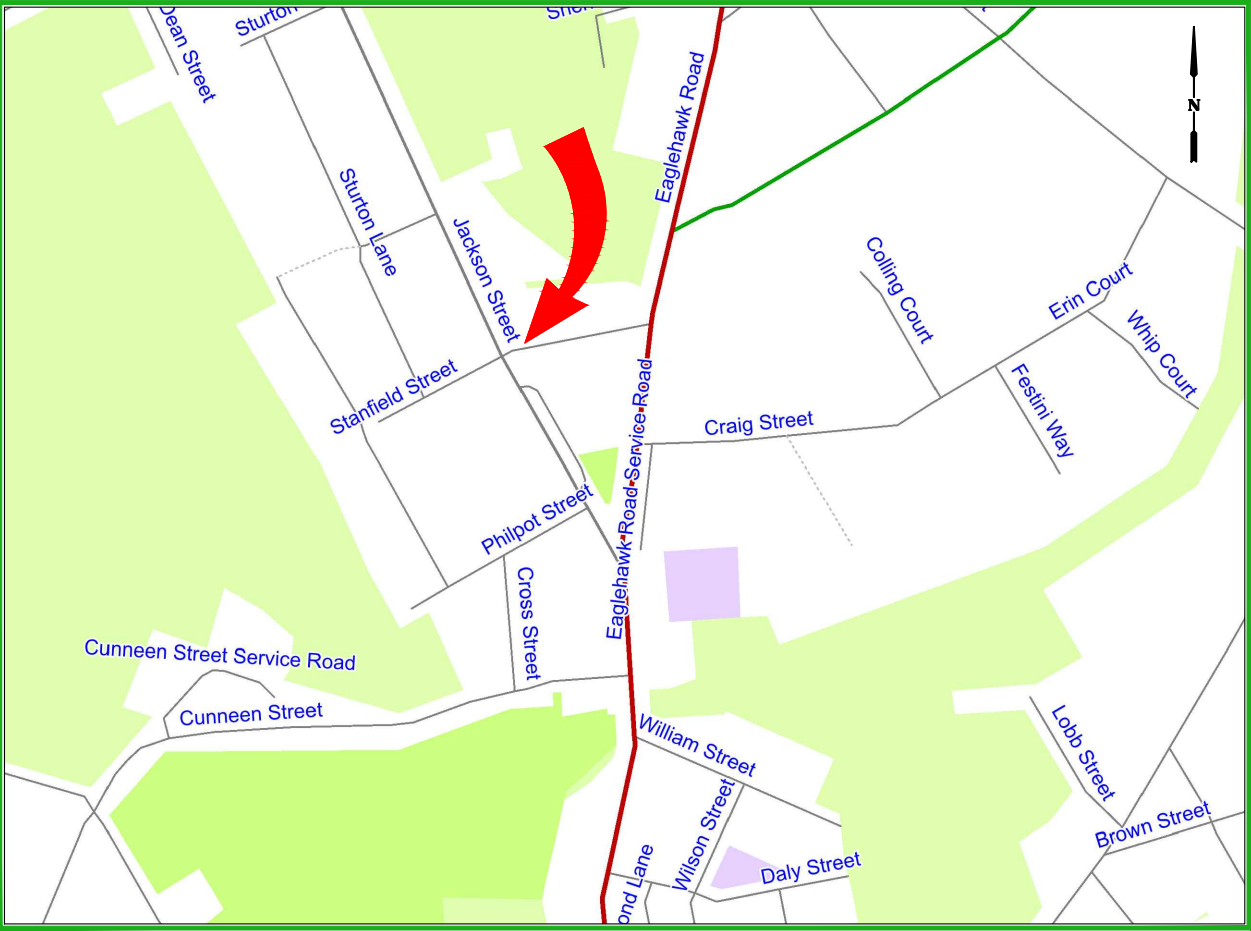
# STANFIELD STREET, LONG GULLY

GB5355

## PARTIAL ROAD CLOSURE

JUNE 2024


DOCUMENT CONTROL				
SHEET No.	SHEETD ESC.	03/06/2024	xxxxxx	xxxxxx
		DRAFT	TENDER	CONSTRUCTION
		REVISION	REVISION	REVISION
1	COVER SHEET	A		
2	GENERAL NOTES	A		
3	DEMOLITION PLAN & DETAILED LAYOUT	A		
4	ALIGNMENT DETAILS & LS / XS	A		
5	SETOUT	A		



LOCALITY MAP



PROJECT EXTENTS

APPROVAL TO CONSTRUCT STAMP		PROJECT PLANNING REQUIREMENTS				 <b>CITY OF GREATER BENDIGO</b>	PROJECT DESIGN STATUS			PROJECT DETAILS		SHEET DETAILS			
DO NOT CONSTRUCT WITHOUT STAMP	Item	Required	Comments	Contractor	Surveyor:		D. Meade	10/04/24	Location: STANFIELD STREET	Suburb: LONG GULLY	Works: PARTIAL ROAD CLOSURE	GB No: GB5355	COVER SHEET	Sheet number: 1 of 5	
	Vegetation	No	-		Designer:		I. Frost	31/05/24						Plan Scale: -	A3
	RRV	No	-		Draft Checked:		A. Smith	xx/xx/24						Plotted: 07/06/2024 By: Ian Frost	
	CMA	No	-		Tender Approved: N. Sartori		xx/xx/24								
	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:

FORMATION

- 201 Site Clearing
- 204 Earthworks
- 205 Rock Fill
- 210 Geotextiles in Earthworks

FLEXIBLE PAVEMENTS

- 304 Unbound Flexible Pavement Construction
- 306 Cementitious Treated Pavement Subbase
- 307 In Situ Stabilisation of Pavements with Cementitious Binders
- 308 In Situ Stabilisation of Pavements with Foamed Bitumen Binder
- 310 Preparation of Granular Pavements for Bituminous Surfacing

ASPHALT AND SURFACE TREATMENTS

- 402 Removal of Pavement by Cold Planing (profiling)
- 404 Stone Mastic Asphalt
- 405 Regulation Gap Graded Asphalt
- 407 Dense Graded Asphalt
- 408 Sprayed Bituminous Surfacing
- 417 Open Graded Asphalt
- 418 High Modulus Asphalt (EME2)
- 421 High Binder Crumb Rubber Asphalt
- 422 Light Traffic Crumb Rubber Asphalt
- 427 Bituminous Slurry Surfacing
- 428 Surface Retexturing using High Pressure Water
- 430 High Friction Surface Treatment
- 431 Coloured Surface Treatments

INCIDENTAL CONSTRUCTION

- 703 General Concrete Paving
- 710 Fixing Raised Pavement Markers
- 714 Sign Installation
- 721 Pavement Markings
- 731 Road Lighting Installation

MATERIAL SPECIFICATIONS

FOR WORKS DEPARTMENT

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

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

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

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

PROJECT PLANNING REQUIREMENTS

Permits and approvals

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

PROJECT PLANNING REQUIREMENTS			
Item	Required	Comments	Contractor
Vegetation	No	-	
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

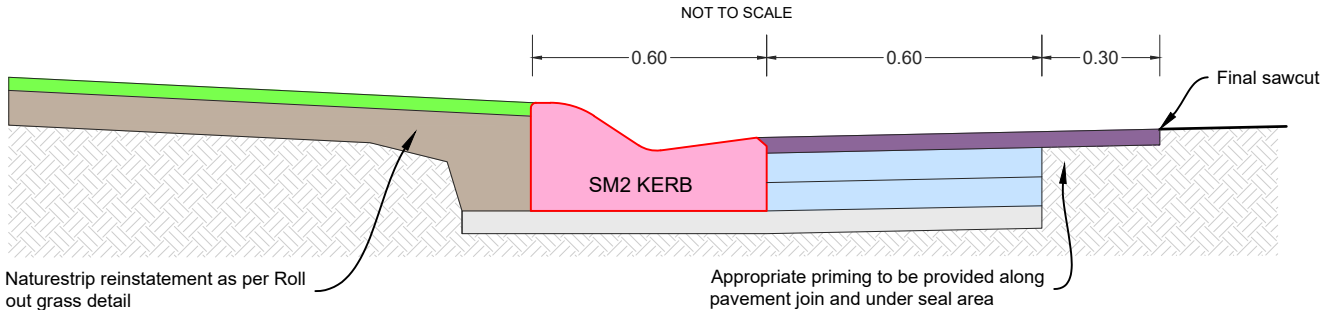
A Site Environmental Management Plan (SEMP) is to be developed by delivery units to manage the project site during the project delivery window. Consideration shall be given to appropriate management of the following, with a SEMP plan filled out and displayed onsite at all times:

- 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

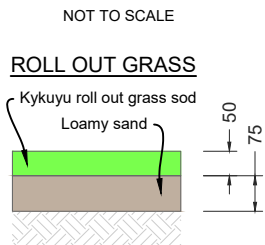
Where appropriate and prior to any works starting on site, delivery units must organise a AS1742.3 compliant traffic management plan, and have it approved by the relevant road authority.

TYPICAL KERB AND WIDENING SECTION



PAVEMENT TYPE D			
KEY	LAYER	DEPTH	THICKNESS
	Asphalt (w)	40mm	Size 14 Type N (C320)
	Asphalt (I)	75mm	Size 20 Type SI (C320)
	Asphalt (B)	75mm	Size 20 Type SI (C320)
	Sub Base	100mm	CL3 FCR 20mm compacted to 99%MMDD at 85%OMC +- 1%
	Subgrade		Reworked and recompacted to 95%SMDD at 85%OMC +- 3%

TYPICAL LANDSCAPE SECTIONS



**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 PM315 & PM312
- Co-ordinates have been centred on PM315
- Survey level has been tied to AHD via PM315 (RL 244.335)



PROJECT DESIGN STATUS		
Surveyor:	D. Meade	10/04/24
Designer:	I. Frost	31/05/24
Draft Checked:	A. Smith	xx/xx/24
Tender Approved:	N. Sartori	xx/xx/24
<b>PRELIMINARY DESIGN DRAFT 2</b>		

PROJECT DETAILS	
Location:	STANFIELD STREET
Suburb:	LONG GULLY
Works:	PARTIAL ROAD CLOSURE
GB No:	GB5355

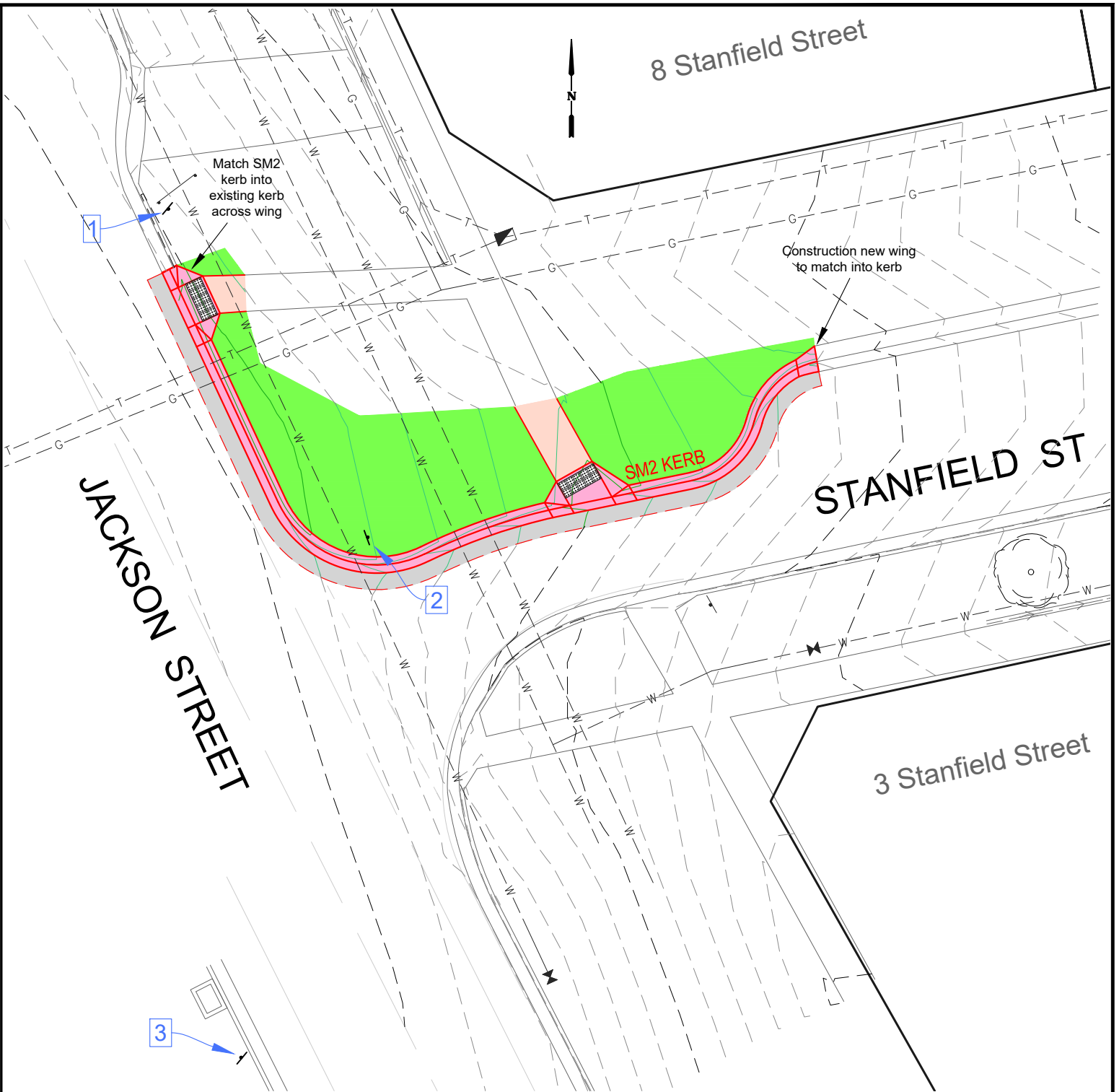
SHEET DETAILS	
GENERAL NOTES	Sheet number: 2 of 5
	Plan Scale: - A3
	Plotted: 07/06/2024 By: Ian Frost
SHEET REVISIONS AFTER TENDER	
Revision	Description
-	-
-	-
-	-



DEMOLITION PLAN

DEMOLITION LEGEND			
	Removal: Pavement		Removal: Naturestrip Soil
	Removal: Kerb		Removal: Linemarking
	Removal: Concrete		Removal: Sawcut

LEGEND					
	DESIGN CONTOURS - Levels to AHD (0.10m interval)		DESIGN SEAL: (Refer: Typical road pavement detail.)		Concrete Driveway area: Normal plain Dwy as per IDM SD240
	EXISTING CONTOURS - Levels to AHD (0.10m interval)		Concrete Kerb area: Normal plain Kerb as noted and as per: IDM SD100, CoGB SD190,191,192		Concrete Driveway area: Industrial plain Dwy as per IDM SD250
	Proposed Street Tree (Refer: Typical details pg 2)		Concrete Footpath area: Normal plain Footpath as per IDM SD 205 & SD210		Concrete slab area: Stenciled infill Slab as per IDM SD205 & 210 Stencil: Cobble in Charcoal, clear sealant
			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)		

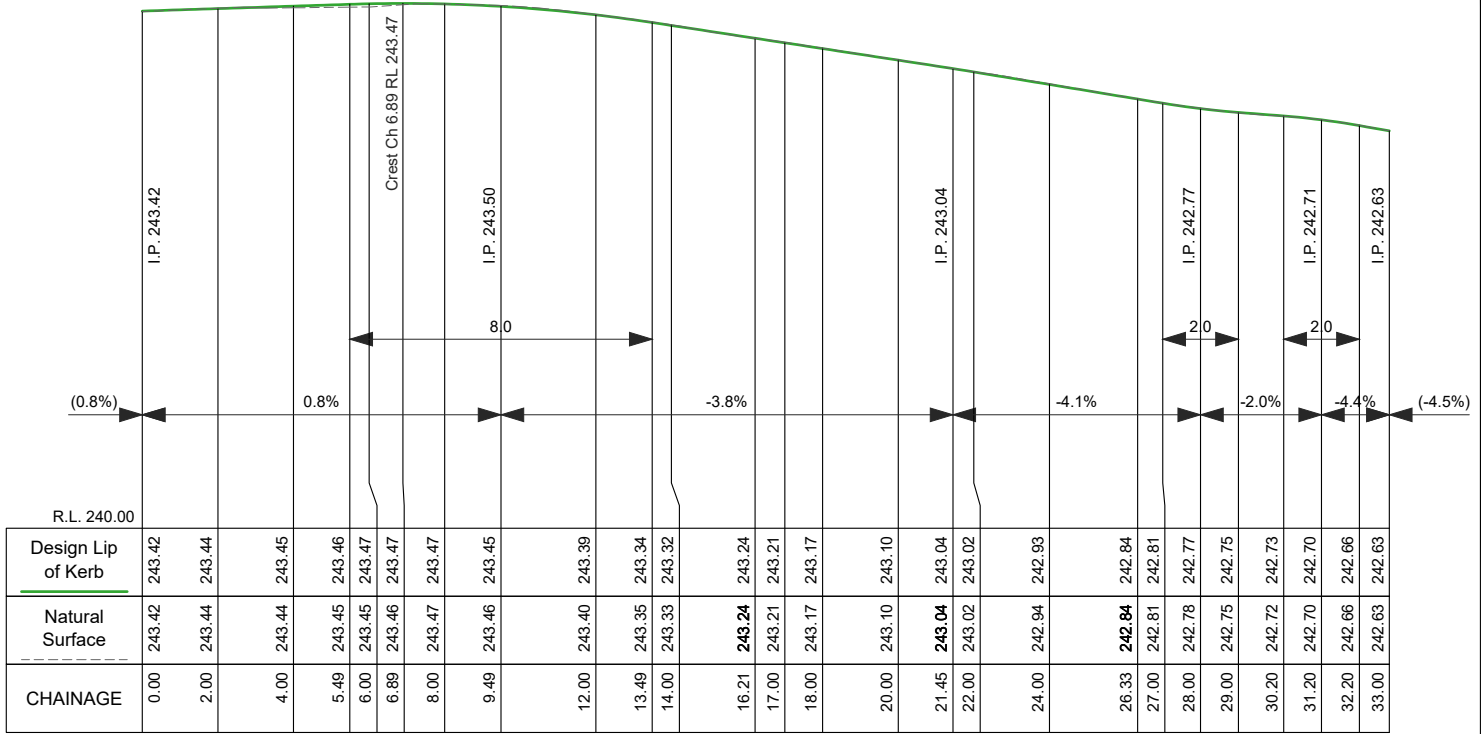
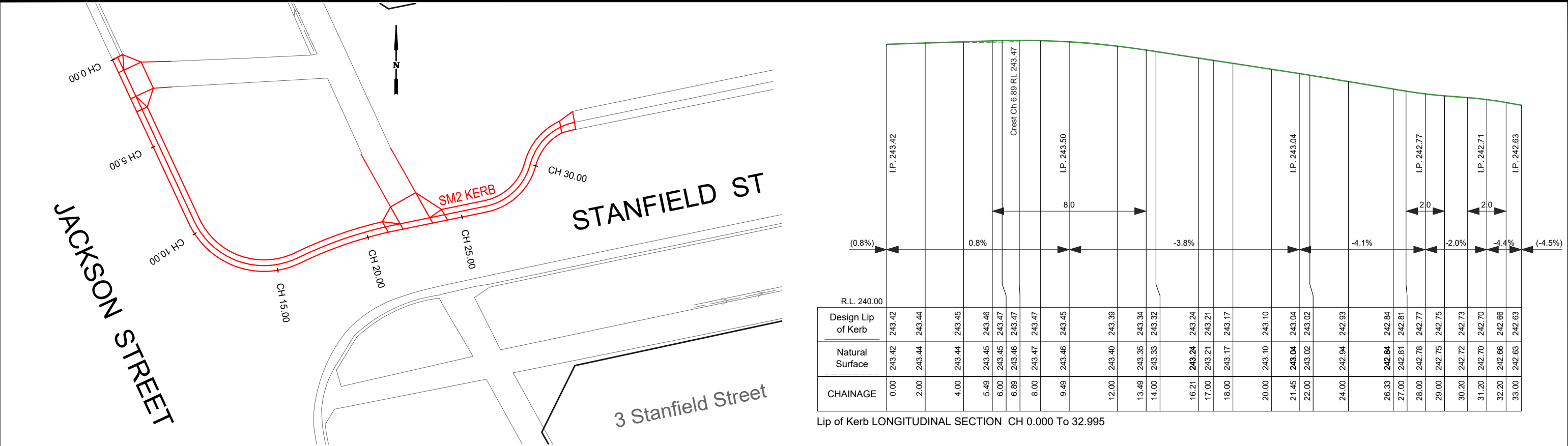


DETAILED LAYOUT PLAN

TRAFFIC CONTROL & SIGN ALTERATIONS		
NO.	TYPE	ACTION
1	R2-6L	Install new sign (No Left Turn)
2	R2-4	Install new sign (No Entry)
3	R2-6R	Install new sign (No Right Turn)

PROJECT DESIGN STATUS			PROJECT DETAILS		SHEET DETAILS		
Surveyor:	D. Meade	10/04/24	Location: STANFIELD STREET  Suburb: LONG GULLY  Works: PARTIAL ROAD CLOSURE  GB No: GB5355	Demolition Plan & Detailed Layout	Sheet number:	3 of 5	
Designer:	I. Frost	31/05/24			Plan Scale:	1:200	A3
Draft Checked:	A. Smith	xx/xx/24			Plotted: 07/06/2024 By: Ian Frost		
Tender Approved:	N. Sartori	xx/xx/24					
<div>PRELIMINARY DESIGN DRAFT 2</div>			SHEET REVISIONS AFTER TENDER				
			Revision	Description	Approved by		Date
			-	-	-	-	
			-	-	-	-	
			-	-	-	-	





Lip of Kerb LONGITUDINAL SECTION CH 0.000 To 32.995

