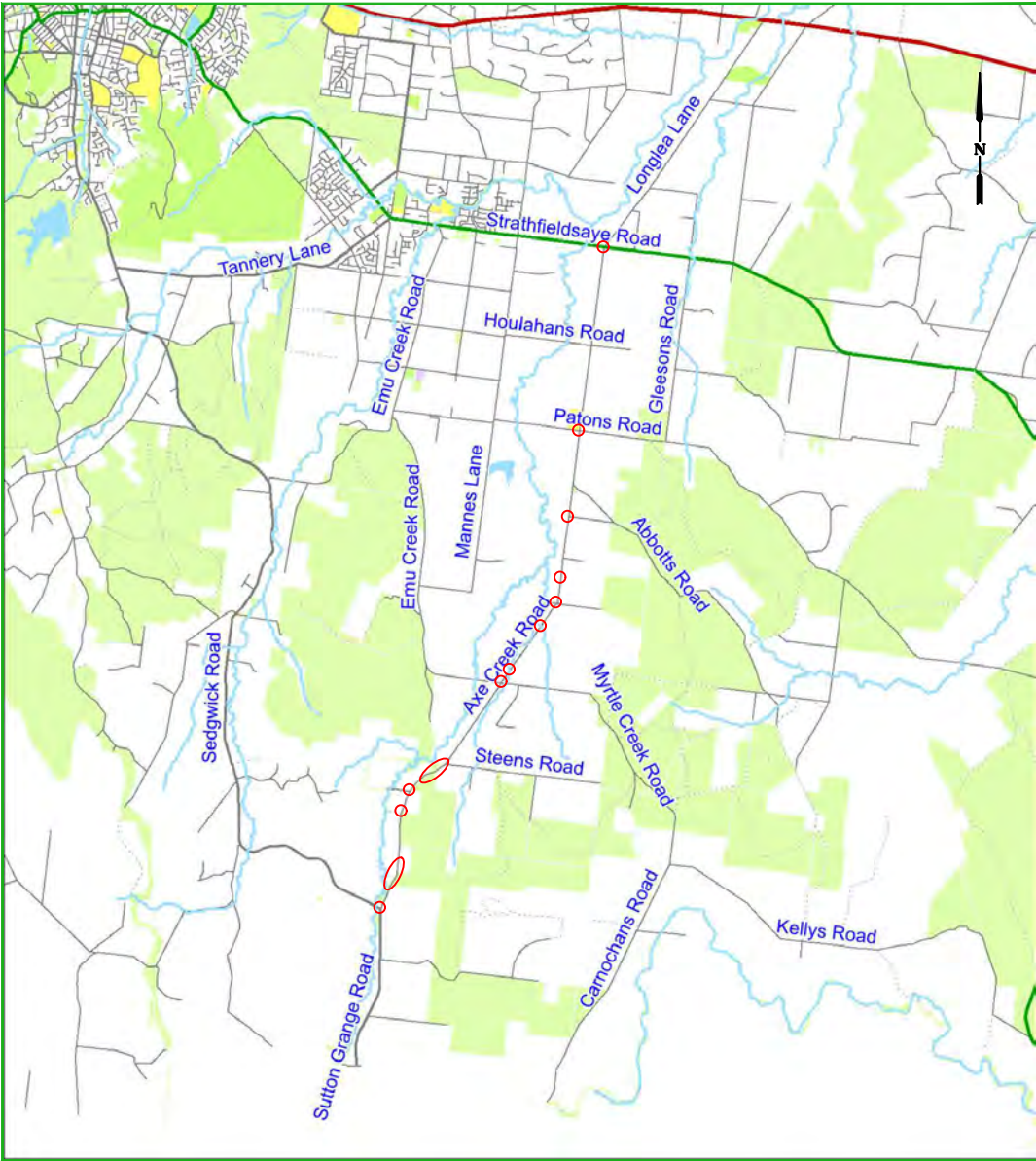


AXE CREEK ROAD, AXE CREEK / SEDGWICK

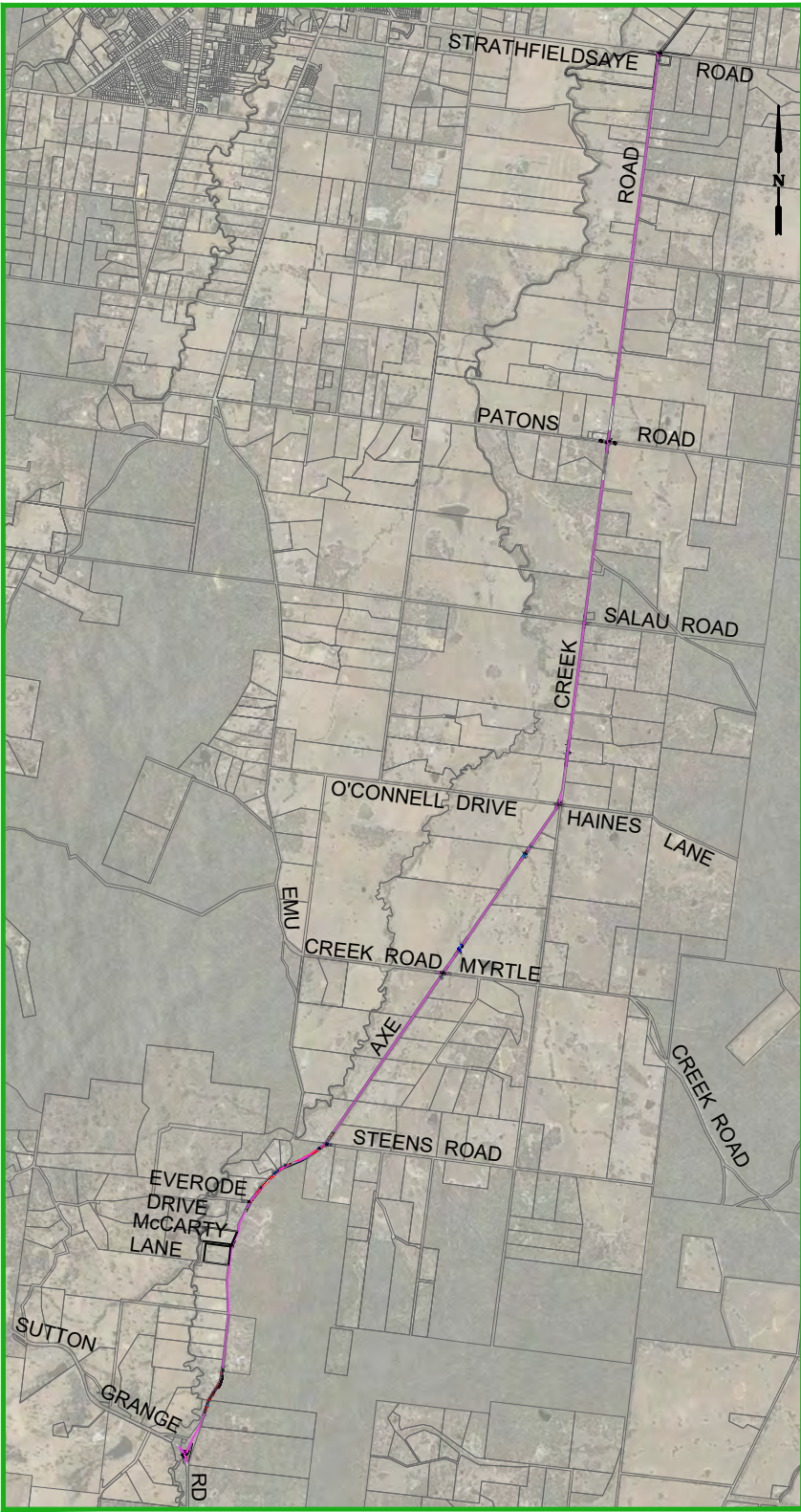
GB5106

BLACKSPOT UPGRADES SEPTEMBER 2024



LOCALITY MAP

DOCUMENT CONTROL				
E	SHEETD ESC.	04/09/2024	xx/xx/xx	xx/xx/xx
		DRAFT REVISION	TENDER REVISION	CONSTRUCTION REVISION
1	COVER SHEET	A		
2	GENERAL NOTES	A		
3	OVERALL LAYOUT	A		
4-18	DETAIL LAYOUT	A		
19-26	ROAD LONGITUDINAL SECTION	A		
27-32	ROAD CROSS SECTIONS	A		
33	HEAD & WING WALL DETAIL	A		
34	WING WALL DETAIL	A		
35	CROWN UNIT ARRANGEMENT	A		
36-39	SETOUT	-		



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:		360°	19/12/2023	Location: Axe Creek Road	Suburb: Axe Creek / Sedgwick	Works: Blackspot upgrades	GB No: GB5106	COVER SHEET	Sheet number:	1 of 38	
	Vegetation	Yes	NVA required for RSE		Designer:		A. Smith	02/01/2024						Plan Scale: -	A3	
	DTP	Yes	Strathfieldsaye Road intersection		Draft Checked:		x.xxx	xx/xx/23						Plotted: 04/09/2024 By: Andrew Smith		
	CMA	Yes	WOW permit required		Tender Approved: N. SARTORI		xx/xx/23									
	Planning Permit	No	-		PRELIMINARY DESIGN DRAFT 9			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

BRIDGEWORKS

602 Excavations
610 Structural Concrete
611 Steel Reinforcement
613 Falsework
614 Formwork
619 Manufacture, Testing and Delivery of Precast R.Conc Box Culverts
620 Precast Concrete Units
626 Installation of Precast Concrete Crown Unit Culverts
630 Fabrication of Steelwork
631 Protective Treatment of Steelwork
640 Sheet Piles
680 Bonded Anchors
682 Reinforced Soil Structures

INCIDENTAL CONSTRUCTION

701 Underground Stormwater Drains
702 Subsurface Drainage
703 General Concrete Paving
704 Precast Concrete Kerb
705 Drainage Pits and Covers
706 Installation or Replacement of Utility Infrastructure within Road Reserves
707 Fencing
708 Steel Beam Guard Fence
709 Guide Posts
710 Fixing Raised Pavement Markers
712 Block Paving
713 Beaching
714 Sign Installation
715 Gabions and Rock Mattresses
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	NVA required for RSE	
DTP	Yes	Strathfieldsaye Road intersection	
CMA	Yes	WOW permit required	
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

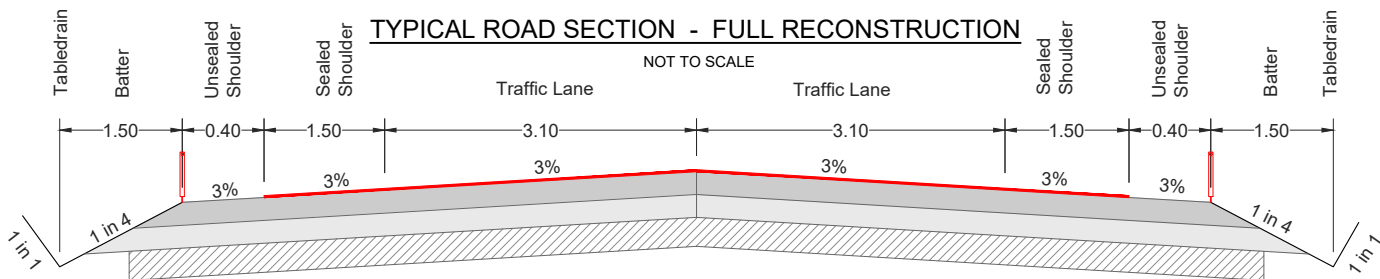
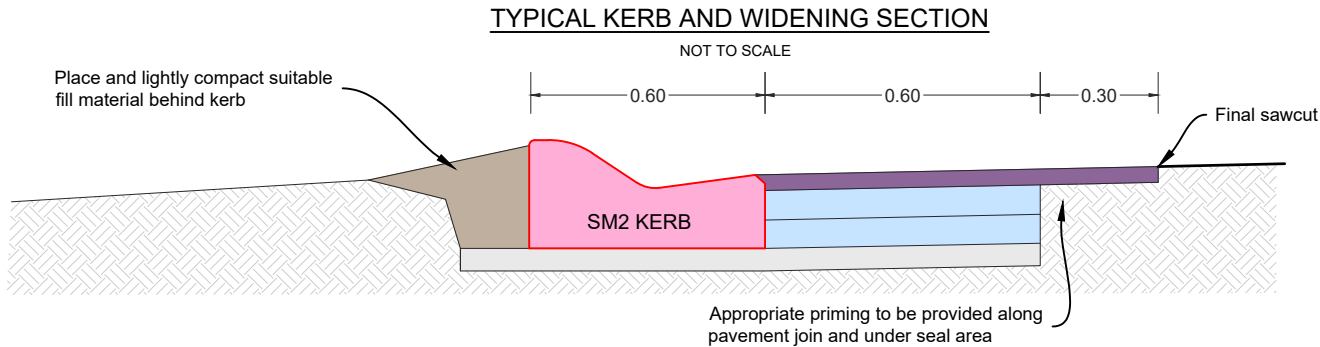
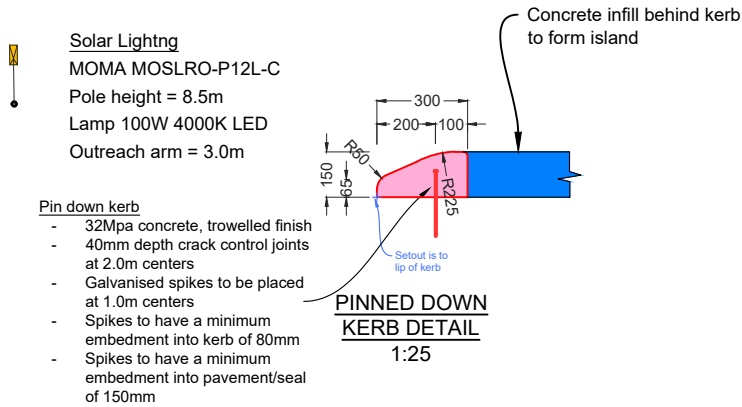
SITE ENVIRONMENTAL MANAGEMENT PLAN

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.



PAVEMENT FULL RECONSTRUCTION			
KEY	LAYER	DEPTH	THICKNESS
	Spray seal	-	14mm/7mm Double/Double C170 primerseal
	Base	140mm	CL1 FCR 20mm compact to 100%MMDD at 85%OMC +-1%
	Sub Base	100mm	CL3 FCR 40mm compact to 98%MMDD at 85%OMC +-1%
	Stabilisation	250mm	Mill/blend existing seal and granular materials Insitu stabilisation using Triple blend GB cement / Slag / Lime (30/40/30 12kg/m ²) Compact to 95% MMDD
	Subgrade		Inferred fill and residual soils (CBR>4%)

Total Depth = 490mm

PAVEMENT KERB WORKS			
KEY	LAYER	DEPTH	THICKNESS
	Asphalt (w)	40mm	Size 14 Type H (C320)
	Asphalt (l)	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 recompactd to 95%SMDD at 85%OMC +- 3%

Total Depth = 290mm



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 Strathfieldsaye PM 43, 85 & Sedgwick PM 7
- Survey level has been tied to AHD via above PM and GPS

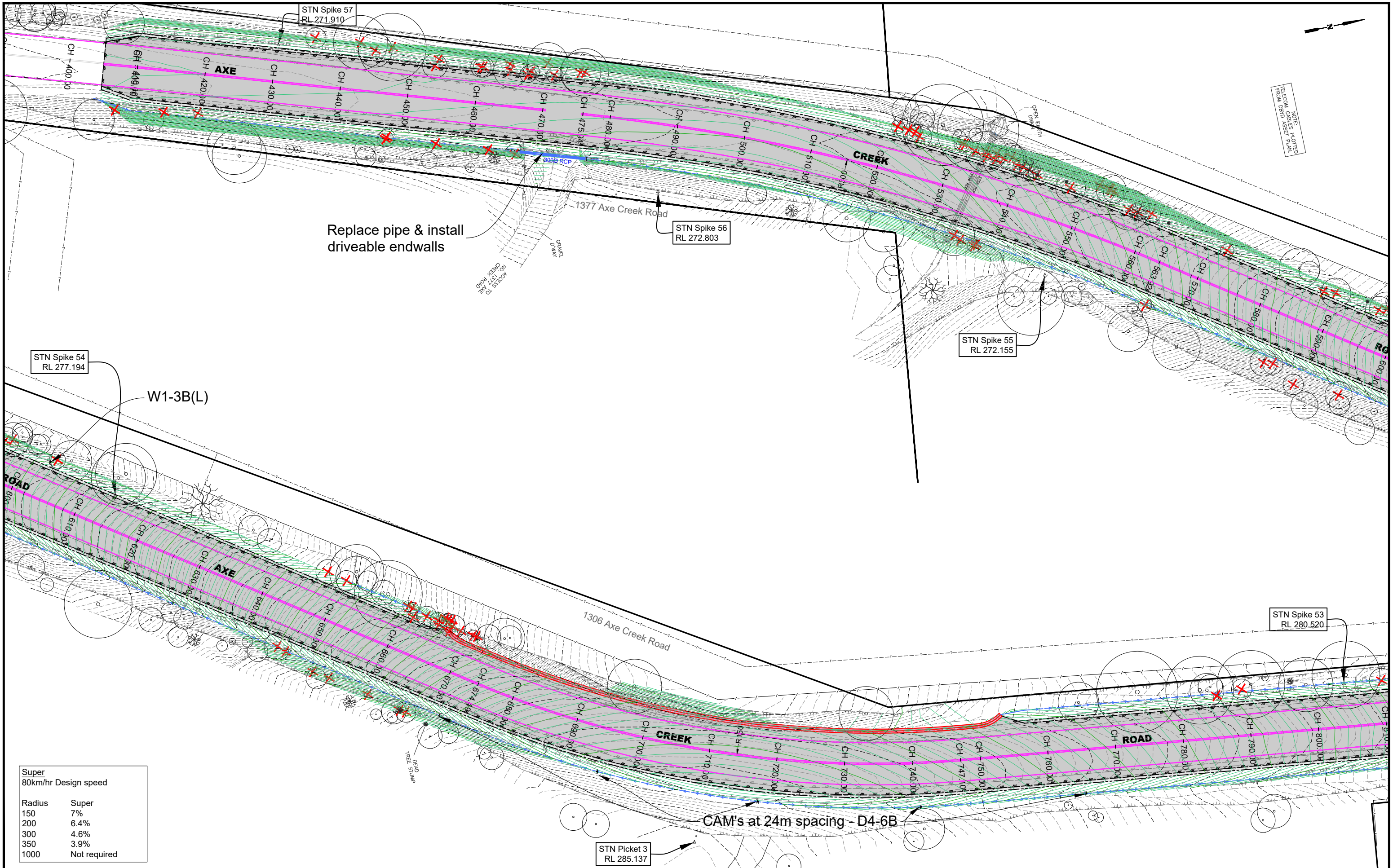


PROJECT DESIGN STATUS		
Surveyor:	360°	19/12/2023
Designer:	A. Smith	02/01/2024
Draft Checked:	x.xxx	xx/xx/23
Tender Approved:	N. SARTORI	xx/xx/23

**PRELIMINARY DESIGN
DRAFT 9**

PROJECT DETAILS	
Location:	Axe Creek Road
Suburb:	Axe Creek / Sedgwick
Works:	Blackspot upgrades
GB No:	GB5106

SHEET DETAILS			
GENERAL NOTES		Sheet number:	2 of 38
		Plan Scale:	- A3
		Plotted:	04/09/2024 By: Andrew Smith
SHEET REVISIONS AFTER TENDER			
Revision	Description	Approved by	Date
-	-	-	-
-	-	-	-
-	-	-	-



Super	
80km/hr Design speed	
Radius	Super
150	7%
200	6.4%
300	4.6%
350	3.9%
1000	Not required

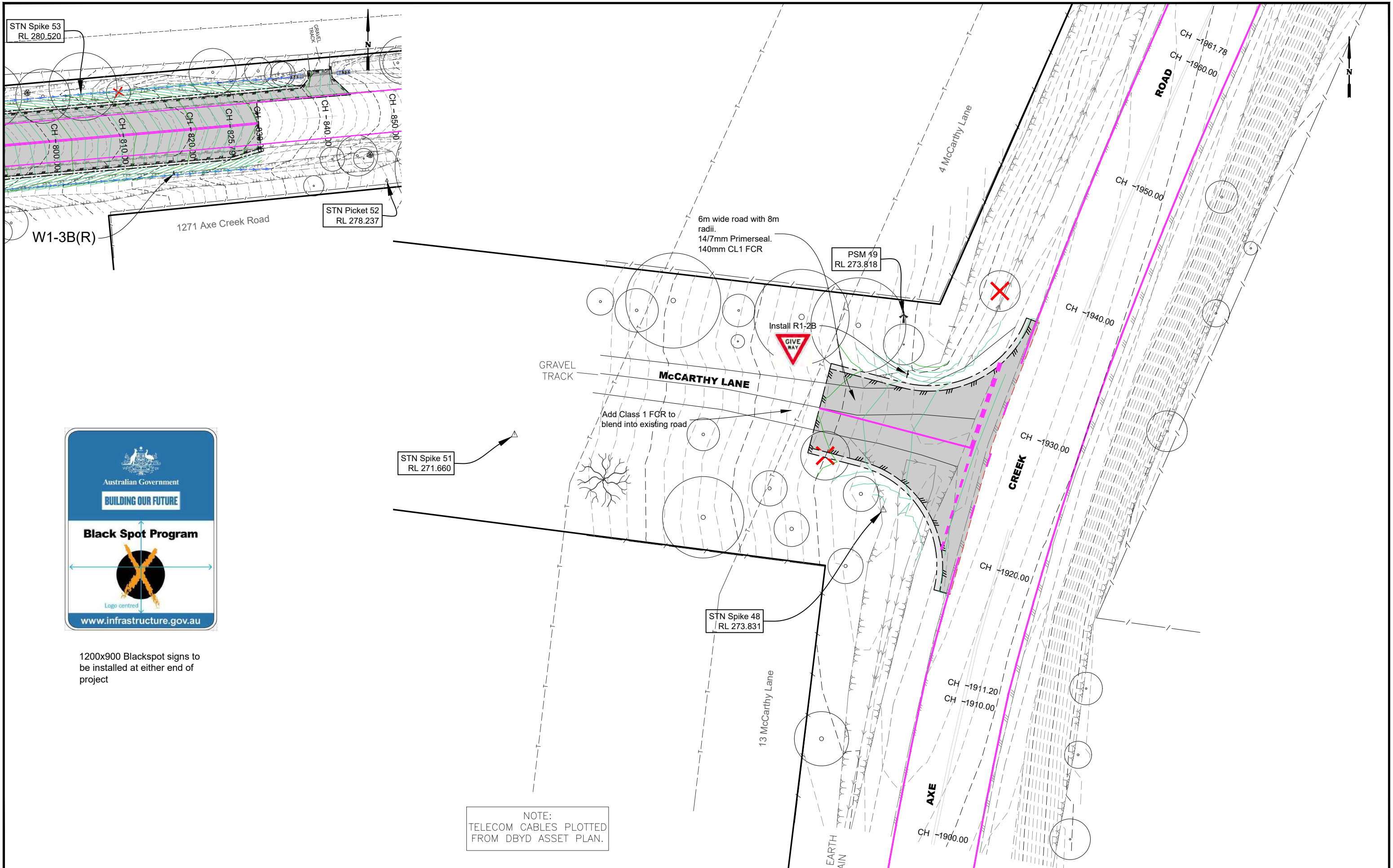
LEGEND					
	DESIGN LINEMARKING		DESIGN CONTOURS - Levels to AHD (0.10m interval)		DESIGN PAVEMENT: Spray Seal (Refer: Typical road pavement detail.)
	DESIGN SEAL EDGE		EXISTING CONTOURS - Levels to AHD (0.10m interval)		DESIGN MULCHED BATTER AREAS (Refer: Typical road pavement detail.)
	DESIGN SHOULDER		DESIGN PAVEMENT: 40mm Asphalt (Refer: Typical road pavement detail.)		DESIGN GRAVEL DRIVEWAY 50mm depth CL3 FCR
	DESIGN INVERT		DESIGN EARTHEN BATTER AREAS (Refer: Typical road pavement detail.)		DESIGN BEACHING 150mm depth 1500 Rock beaching
	DESIGN BATTER				
	TREE REMOVALS				



PROJECT DESIGN STATUS		
Surveyor:	360°	19/12/2023
Designer:	A. Smith	02/01/2024
Draft Checked:	x.xxx	xx/xx/23
Tender Approved:	N. SARTORI	xx/xx/23
PRELIMINARY DESIGN DRAFT 9		

PROJECT DETAILS	
Location:	Axe Creek Road
Suburb:	Axe Creek / Sedgwick
Works:	Blackspot upgrades
GB No:	GB5106

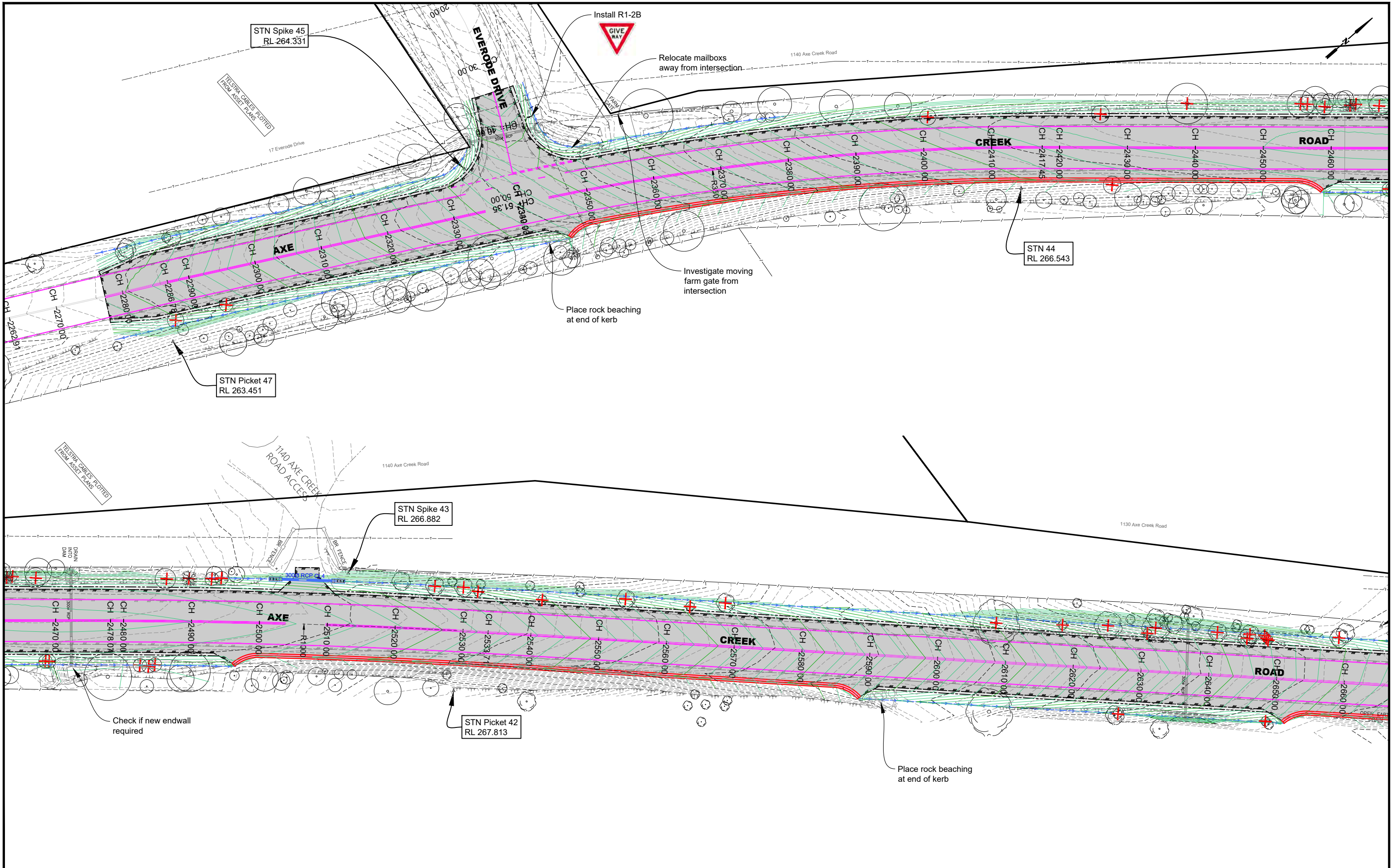
SHEET DETAILS			
DETAIL LAYOUT			Sheet number: 5 of 38
			Plan Scale: 1:500
			Plotted: 04/09/2024 By: Andrew Smith
SHEET REVISIONS AFTER TENDER			
Revision	Description	Approved by	Date
-	-	-	-
-	-	-	-
-	-	-	-



1200x900 Blackspot signs to be installed at either end of project

NOTE:
TELECOM CABLES PLOTTED
FROM DBYD ASSET PLAN.

LEGEND				PROJECT DESIGN STATUS		PROJECT DETAILS		SHEET DETAILS									
DESIGN LINEMARKING	DESIGN CONTOURS - Levels to AHD (0.10m interval)	DESIGN PAVEMENT: Spray Seal (Refer: Typical road pavement detail.)	DESIGN MULCHED BATTER AREAS (Refer: Typical road pavement detail.)	Surveyor:	360° 19/12/2023	Location: Axe Creek Road	Suburb: Axe Creek / Sedgwick	Works: Blackspot upgrades	GB No: GB5106	DETAIL LAYOUT	Sheet number: 6 of 38						
DESIGN SEAL EDGE	EXISTING CONTOURS - Levels to AHD (0.10m interval)	DESIGN UNSEALED SHOULDERS (Refer: Typical road pavement detail.)	DESIGN GRAVEL DRIVEWAY 50mm depth CL3 FCR	Designer:	A. Smith 02/01/2024						Plan Scale: 1:250	A3					
DESIGN INVERT	DESIGN PAVEMENT: 40mm Asphalt (Refer: Typical road pavement detail.)	DESIGN EARTHEN BATTER AREAS (Refer: Typical road pavement detail.)	DESIGN BEACHING 150mm depth 1500 Rock beaching	Draft Checked:	x.xxx xx/xx/23						Plotted: 04/09/2024 By: Andrew Smith						
DESIGN BATTER				Tender Approved:	N. SARTORI xx/xx/23												
TREE REMOVALS				PRELIMINARY DESIGN DRAFT 9						SHEET REVISIONS AFTER TENDER							
										Revision		Description		Approved by		Date	
										-		-		-		-	
										-		-		-		-	
										-		-		-		-	



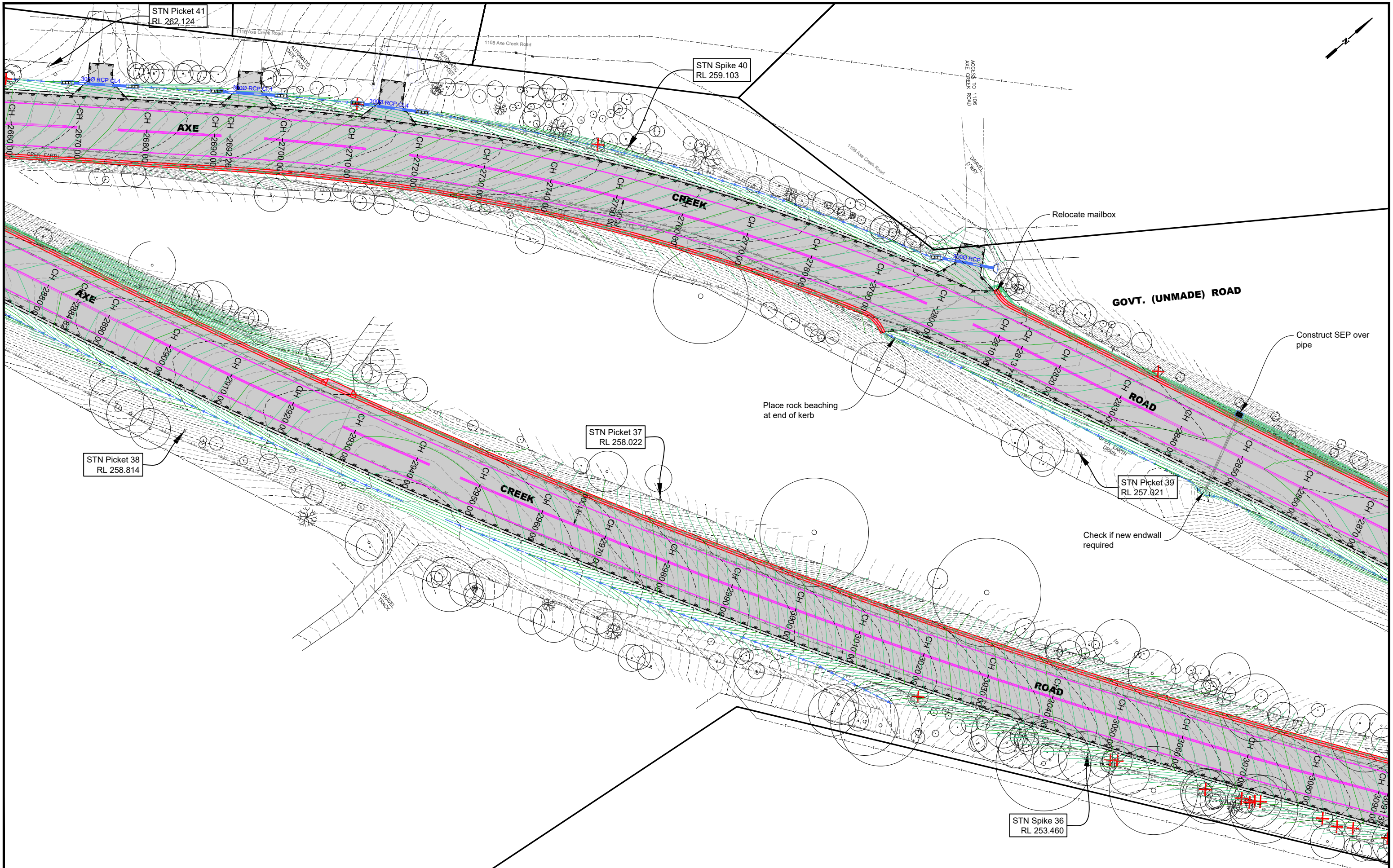
LEGEND			
	DESIGN LINEMARKING		DESIGN CONTOURS - Levels to AHD (0.10m interval)
	DESIGN SEAL EDGE		DESIGN PAVEMENT: Spray Seal (Refer: Typical road pavement detail.)
	DESIGN SHOULDER		DESIGN MULCHED BATTER AREAS (Refer: Typical road pavement detail.)
	DESIGN INVERT		DESIGN UNSEALED SHOULDERS (Refer: Typical road pavement detail.)
	DESIGN BATTER		DESIGN GRAVEL DRIVEWAY 50mm depth CL3 FCR
	TREE REMOVALS		DESIGN EARTHEN BATTER AREAS (Refer: Typical road pavement detail.)
			DESIGN BEACHING 150mm depth 1500 Rock beaching



PROJECT DESIGN STATUS		
Surveyor:	360°	19/12/2023
Designer:	A. Smith	02/01/2024
Draft Checked:	x.xxx	xx/xx/23
Tender Approved:	N. SARTORI	xx/xx/23
PRELIMINARY DESIGN DRAFT 9		

PROJECT DETAILS	
Location:	Axe Creek Road
Suburb:	Axe Creek / Sedgwick
Works:	Blackspot upgrades
GB No:	GB5106

SHEET DETAILS			
DETAIL LAYOUT		Sheet number:	7 of 38
		Plan Scale:	1:500
		Plotted:	04/09/2024 By: Andrew Smith
SHEET REVISIONS AFTER TENDER			
Revision	Description	Approved by	Date
-	-	-	-
-	-	-	-
-	-	-	-



LEGEND

DESIGN LINEMARKING

DESIGN SEAL EDGE

DESIGN SHOULDER

DESIGN INVERT

DESIGN BATTER

TREE REMOVALS

DESIGN CONTOURS
- Levels to AHD (0.10m interval)

EXISTING CONTOURS
- Levels to AHD (0.10m interval)

DESIGN PAVEMENT: 40mm Asphalt
(Refer: Typical road pavement detail.)

DESIGN PAVEMENT: Spray Seal
(Refer: Typical road pavement detail.)

DESIGN UNSEALED SHOULDERS
(Refer: Typical road pavement detail.)

DESIGN EARTHEN BATTER AREAS
(Refer: Typical road pavement detail.)

DESIGN MULCHED BATTER AREAS
(Refer: Typical road pavement detail.)

DESIGN GRAVEL DRIVEWAY
50mm depth CL3 FCR

DESIGN BEACHING
150mm depth 1500 Rock beaching

CITY OF GREATER BENDIGO

PROJECT DESIGN STATUS

Surveyor: 360°

Designer: A. Smith

Draft Checked: x.xxx

Tender Approved: N. SARTORI

19/12/2023

02/01/2024

xx/xx/23

xx/xx/23

PRELIMINARY DESIGN
DRAFT 9

PROJECT DETAILS

Location: Axe Creek Road

Suburb: Axe Creek / Sedgwick

Works: Blackspot upgrades

GB No: GB5106

SHEET DETAILS

DETAIL LAYOUT

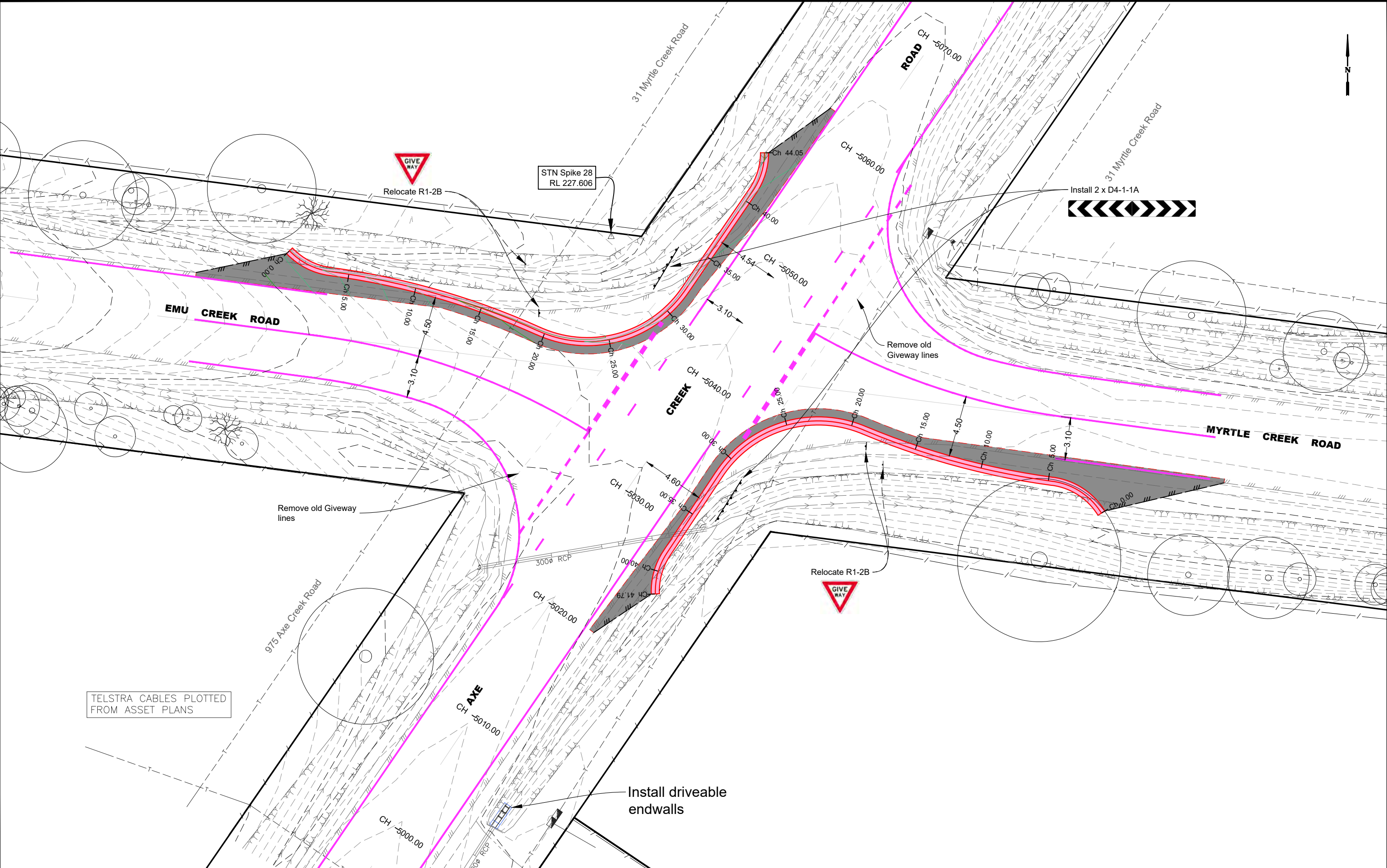
Sheet number: 8 of 38

Plan Scale: 1:500

Plotted: 04/09/2024 By: Andrew Smith

SHEET REVISIONS AFTER TENDER

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



LEGEND				PROJECT DESIGN STATUS		PROJECT DETAILS		SHEET DETAILS	
	DESIGN LINEMARKING		DESIGN CONTOURS - Levels to AHD (0.10m interval)		DESIGN PAVEMENT: Spray Seal (Refer: Typical road pavement detail.)		DESIGN MULCHED BATTER AREAS (Refer: Typical road pavement detail.)	DETAIL LAYOUT	
	DESIGN SEAL EDGE		EXISTING CONTOURS - Levels to AHD (0.10m interval)		DESIGN UNSEALED SHOULDERS (Refer: Typical road pavement detail.)		DESIGN GRAVEL DRIVEWAY 50mm depth CL3 FCR		
	DESIGN INVERT		DESIGN PAVEMENT: 40mm Asphalt (Refer: Typical road pavement detail.)		DESIGN EARTHEN BATTER AREAS (Refer: Typical road pavement detail.)		DESIGN BEACHING 150mm depth 1500 Rock beaching	SHEET REVISIONS AFTER TENDER	
	DESIGN BATTER							Revision	Description
	TREE REMOVALS							Approved by	Date
								-	-
								-	-
								-	-

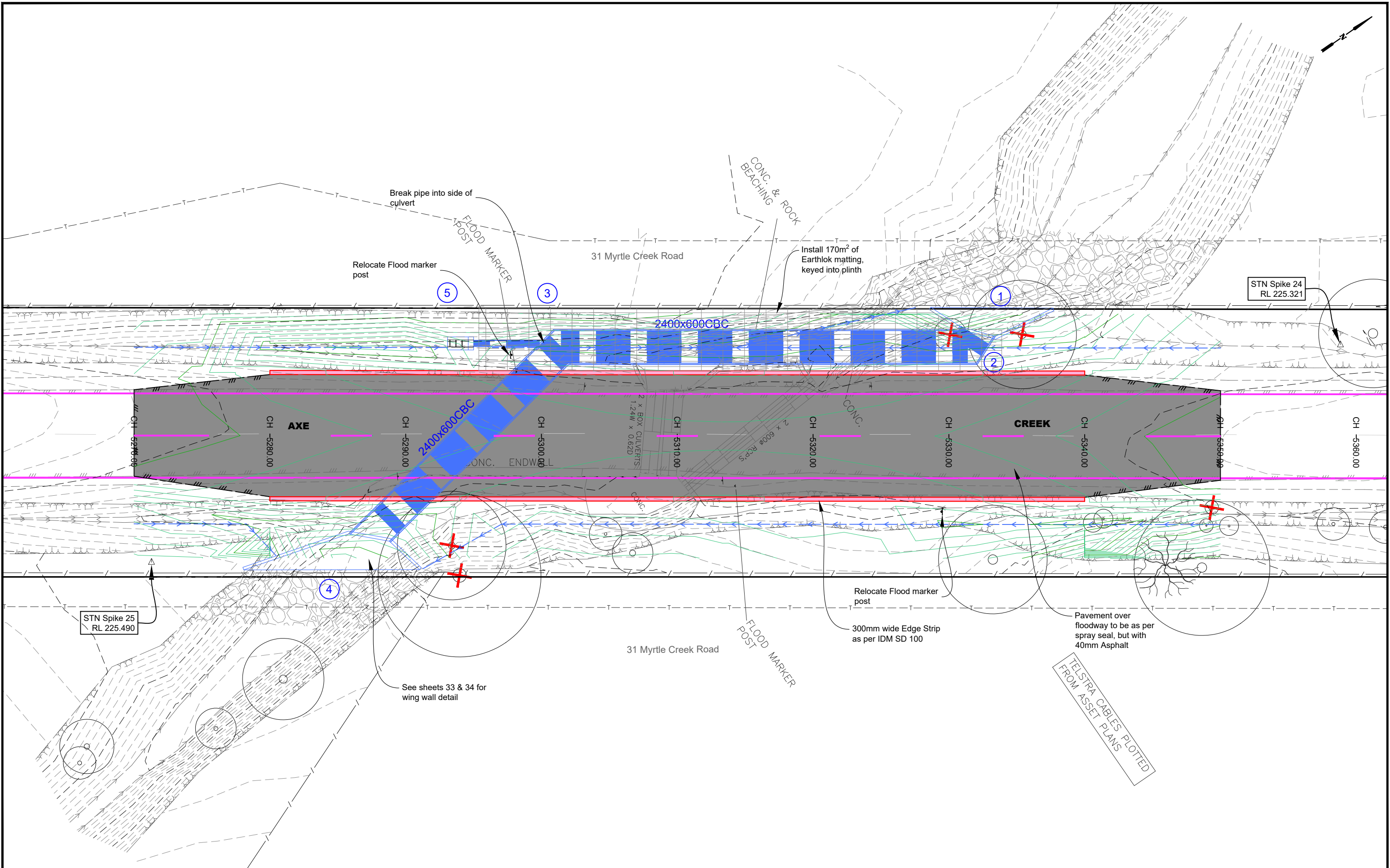
CITY OF GREATER BENDIGO

Surveyor:	360°	19/12/2023
Designer:	A. Smith	02/01/2024
Draft Checked:	x.xxx	xx/xx/23
Tender Approved:	N. SARTORI	xx/xx/23

**PRELIMINARY DESIGN
DRAFT 9**

Location:	Axe Creek Road
Suburb:	Axe Creek / Sedgwick
Works:	Blackspot upgrades
GB No:	GB5106

Sheet number:	10 of 38
Plan Scale:	1:250
Plotted:	04/09/2024 By: Andrew Smith



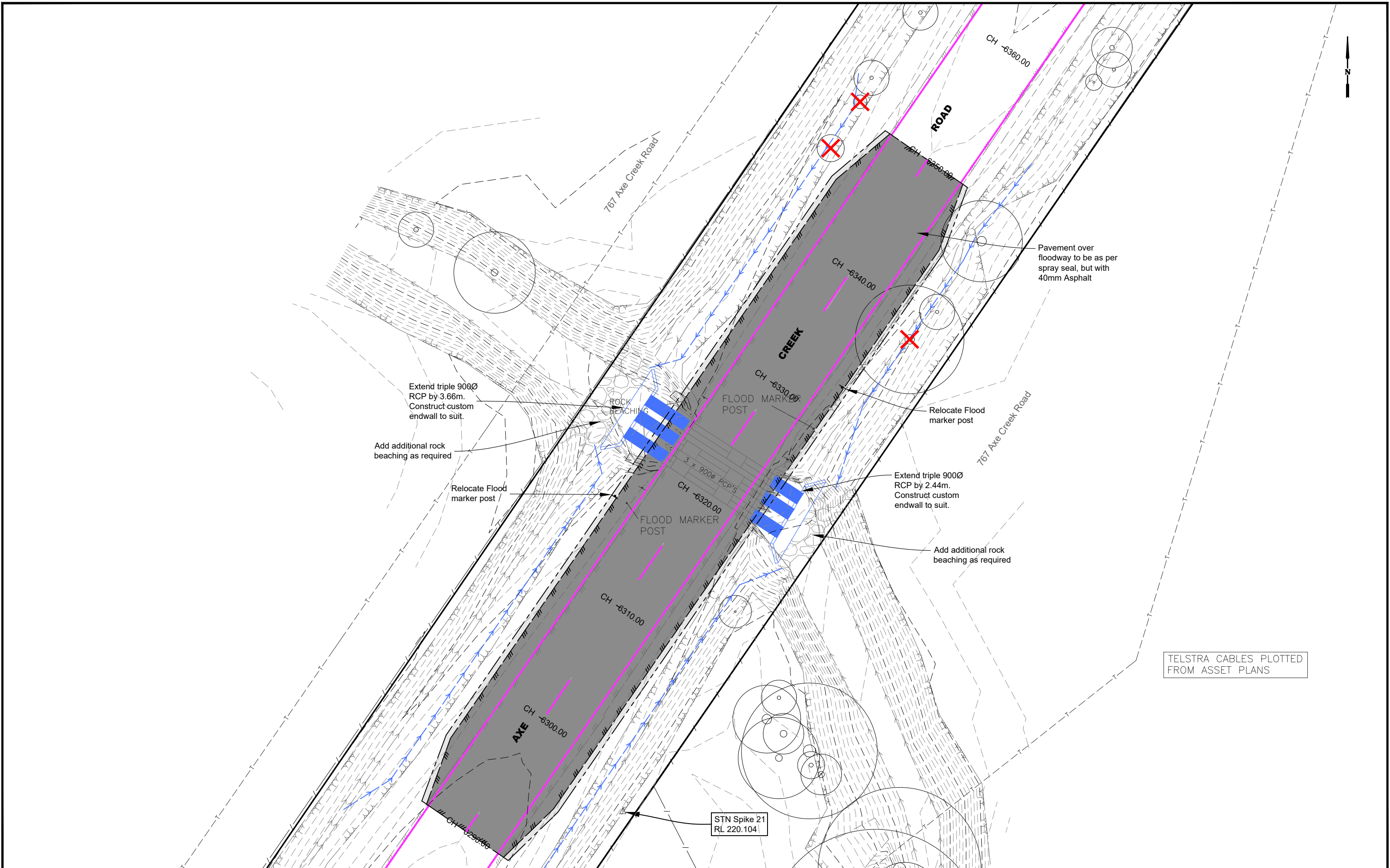
LEGEND			
	DESIGN LINEMARKING		DESIGN CONTOURS - Levels to AHD (0.10m interval)
	DESIGN SEAL EDGE		DESIGN UNSEALED SHOULDERS (Refer. Typical road pavement detail.)
	DESIGN SHOULDER		DESIGN GRAVEL DRIVEWAY 50mm depth CL3 FCR
	DESIGN INVERT		DESIGN EARTHEN BATTER AREAS (Refer. Typical road pavement detail.)
	DESIGN BATTER		DESIGN BEACHING 150mm depth 1500 Rock beaching
	TREE REMOVALS		



PROJECT DESIGN STATUS		
Surveyor:	360°	19/12/2023
Designer:	A. Smith	02/01/2024
Draft Checked:	x.xxx	xx/xx/23
Tender Approved:	N. SARTORI	xx/xx/23
PRELIMINARY DESIGN DRAFT 9		

PROJECT DETAILS	
Location:	Axe Creek Road
Suburb:	Axe Creek / Sedgwick
Works:	Blackspot upgrades
GB No:	GB5106

SHEET DETAILS			
DETAIL LAYOUT			Sheet number: 11 of 38
			Plan Scale: 1:250
			Plotted: 04/09/2024 By: Andrew Smith
SHEET REVISIONS AFTER TENDER			
Revision	Description	Approved by	Date
-	-	-	-
-	-	-	-
-	-	-	-



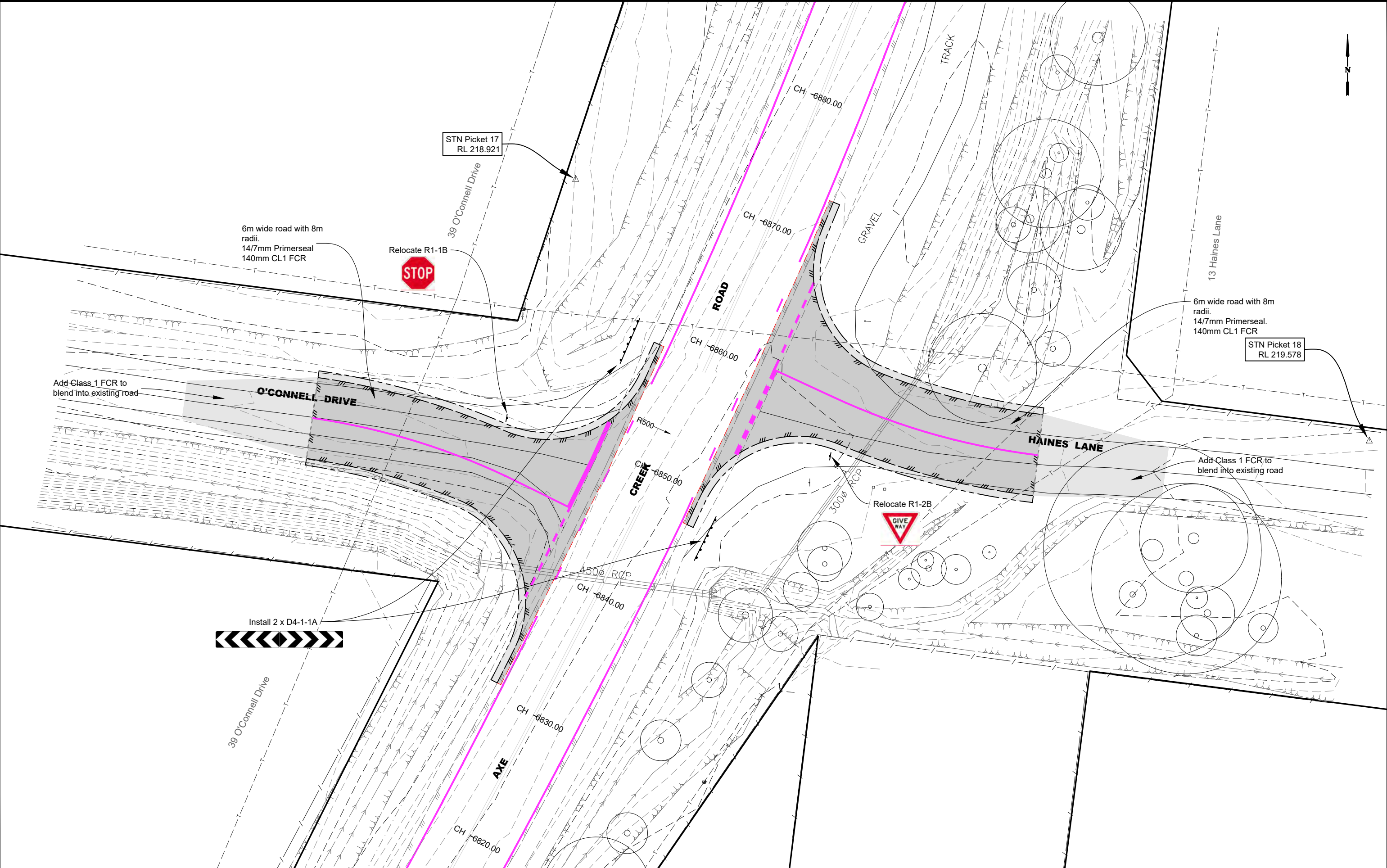
LEGEND			
	DESIGN LINEMARKING		DESIGN PAVEMENT: Spray Seal (Refer: Typical road pavement detail.)
	DESIGN SEAL EDGE		DESIGN UNSEALED SHOULDERS (Refer: Typical road pavement detail.)
	DESIGN SHOULDER		DESIGN EARTHEN BATTER AREAS (Refer: Typical road pavement detail.)
	DESIGN INVERT		DESIGN GRAVEL DRIVEWAY 50mm depth CL3 FCR
	DESIGN BATTER		DESIGN BEACHING 150mm depth 150Ø Rock beaching
	TREE REMOVALS		
	DESIGN CONTOURS - Levels to AHD (0.10m interval)		DESIGN MULCHED BATTER AREAS (Refer: Typical road pavement detail.)
	EXISTING CONTOURS - Levels to AHD (0.10m interval)		
	DESIGN PAVEMENT: 40mm Asphalt (Refer: Typical road pavement detail.)		



PROJECT DESIGN STATUS		
Surveyor:	360°	19/12/2023
Designer:	A. Smith	02/01/2024
Draft Checked:	x.xxx	xx/xx/23
Tender Approved:	N. SARTORI	xx/xx/23
PRELIMINARY DESIGN DRAFT 9		

PROJECT DETAILS	
Location:	Axe Creek Road
Suburb:	Axe Creek / Sedgwick
Works:	Blackspot upgrades
GB No:	GB5106

SHEET DETAILS			
DETAIL LAYOUT			Sheet number: 12 of 38
			Plan Scale: 1:250
			Plotted: 04/09/2024 By: Andrew Smith
SHEET REVISIONS AFTER TENDER			
Revision	Description	Approved by	Date
-	-	-	-
-	-	-	-
-	-	-	-



LEGEND

DESIGN LINEMARKING	DESIGN CONTOURS - Levels to AHD (0.10m interval)	DESIGN PAVEMENT: Spray Seal (Refer: Typical road pavement detail.)	DESIGN MULCHED BATTER AREAS (Refer: Typical road pavement detail.)
DESIGN SEAL EDGE	EXISTING CONTOURS - Levels to AHD (0.10m interval)	DESIGN UNSEALED SHOULDERS (Refer: Typical road pavement detail.)	DESIGN GRAVEL DRIVEWAY 50mm depth CL3 FCR
DESIGN SHOULDER	DESIGN PAVEMENT: 40mm Asphalt (Refer: Typical road pavement detail.)	DESIGN EARTHEN BATTER AREAS (Refer: Typical road pavement detail.)	DESIGN BEACHING 150mm depth 1500 Rock beaching
DESIGN INVERT			
DESIGN BATTER			
TREE REMOVALS			

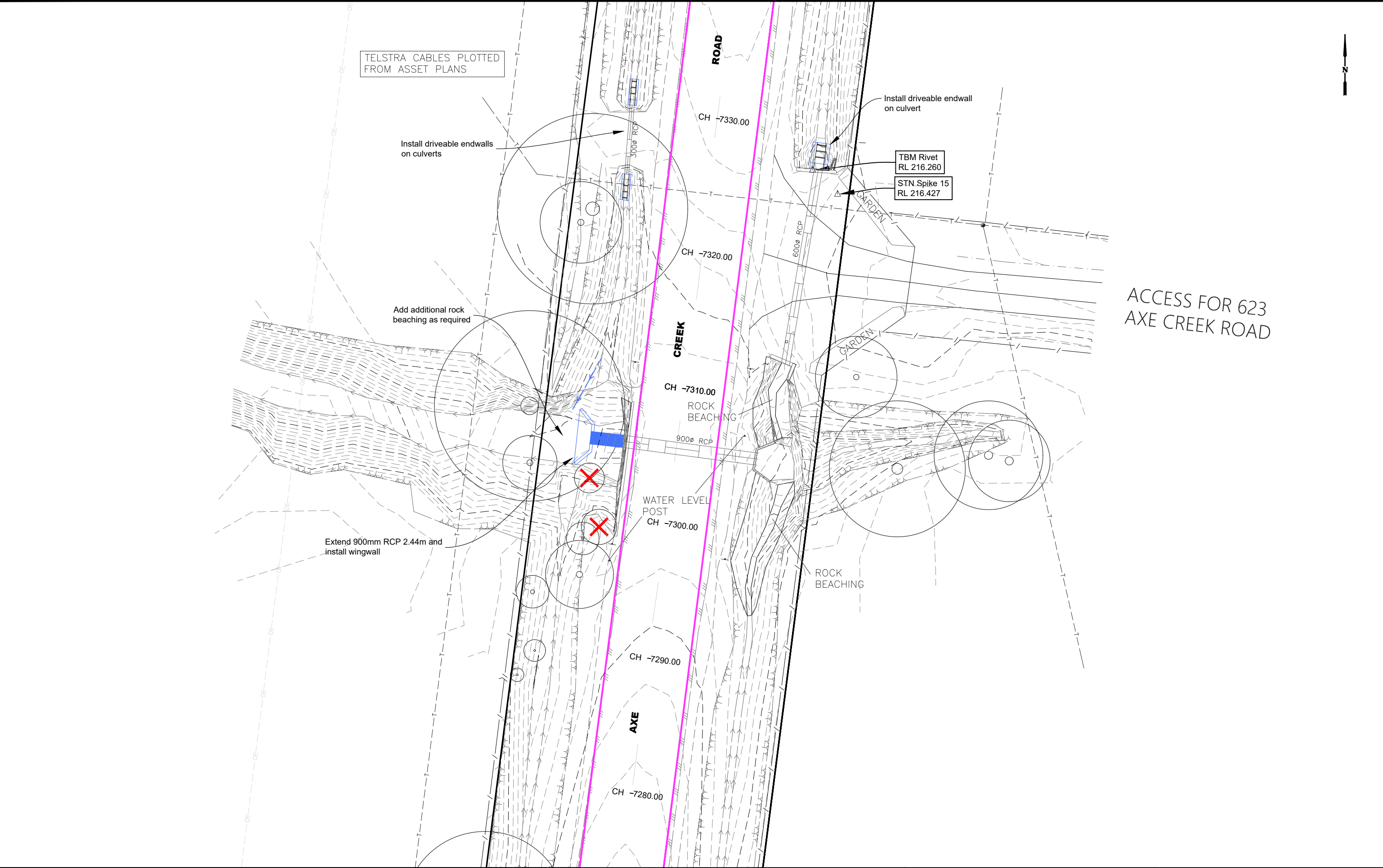
CITY OF GREATER BENDIGO

PROJECT DESIGN STATUS		
Surveyor:	360°	19/12/2023
Designer:	A. Smith	02/01/2024
Draft Checked:	x.xxx	xx/xx/23
Tender Approved:	N. SARTORI	xx/xx/23

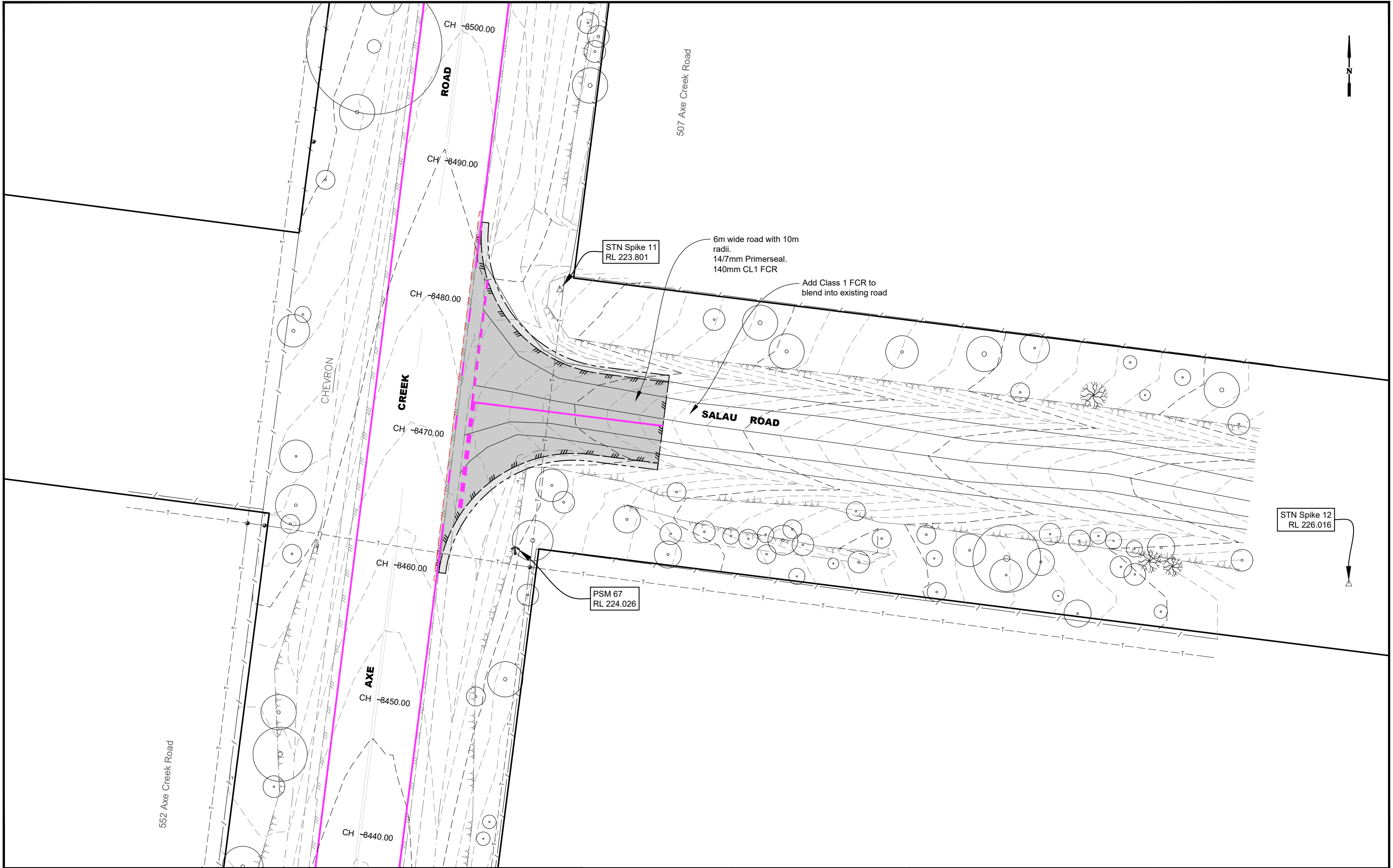
**PRELIMINARY DESIGN
DRAFT 9**

PROJECT DETAILS	
Location:	Axe Creek Road
Suburb:	Axe Creek / Sedgwick
Works:	Blackspot upgrades
GB No:	GB5106

SHEET DETAILS			
DETAIL LAYOUT		Sheet number: 13 of 38	
		Plan Scale: 1:250 A3	
		Plotted: 04/09/2024 By: Andrew Smith	
SHEET REVISIONS AFTER TENDER			
Revision	Description	Approved by	Date
-	-	-	-
-	-	-	-
-	-	-	-



LEGEND				PROJECT DESIGN STATUS		PROJECT DETAILS		SHEET DETAILS				
DESIGN LINEMARKING	DESIGN CONTOURS - Levels to AHD (0.10m interval)	DESIGN PAVEMENT: Spray Seal (Refer: Typical road pavement detail.)	DESIGN MULCHED BATTER AREAS (Refer: Typical road pavement detail.)	Surveyor:	360° 19/12/2023	Location: Axe Creek Road	Suburb: Axe Creek / Sedgwick	Works: Blackspot upgrades	GB No: GB5106	DETAIL LAYOUT	Sheet number: 14 of 38	
DESIGN SEAL EDGE	EXISTING CONTOURS - Levels to AHD (0.10m interval)	DESIGN UNSEALED SHOULDERS (Refer: Typical road pavement detail.)	DESIGN GRAVEL DRIVEWAY 50mm depth CL3 FCR	Designer:	A. Smith 02/01/2024						Plan Scale: 1:250	A3
DESIGN SHOULDER	DESIGN PAVEMENT: 40mm Asphalt (Refer: Typical road pavement detail.)	DESIGN EARTHEN BATTER AREAS (Refer: Typical road pavement detail.)	DESIGN BEACHING 150mm depth 1500 Rock beaching	Draft Checked:	x.xxx xx/xx/23						Plotted: 04/09/2024 By: Andrew Smith	
DESIGN INVERT				Tender Approved:	N. SARTORI xx/xx/23						SHEET REVISIONS AFTER TENDER	
DESIGN BATTER				PRELIMINARY DESIGN DRAFT 9				Revision		Description	Approved by	Date
TREE REMOVALS								-	-	-	-	
								-	-	-	-	
								-	-	-	-	



LEGEND			
DESIGN LINEMARKING	DESIGN CONTOURS - Levels to AHD (0.10m interval)	DESIGN PAVEMENT: Spray Seal (Refer: Typical road pavement detail.)	DESIGN MULCHED BATTER AREAS (Refer: Typical road pavement detail.)
DESIGN SEAL EDGE	EXISTING CONTOURS - Levels to AHD (0.10m interval)	DESIGN UNSEALED SHOULDERS (Refer: Typical road pavement detail.)	DESIGN GRAVEL DRIVEWAY 50mm depth CL3 FCR
DESIGN SHOULDER	DESIGN PAVEMENT: 40mm Asphalt (Refer: Typical road pavement detail.)	DESIGN EARTHEN BATTER AREAS (Refer: Typical road pavement detail.)	DESIGN BEACHING 150mm depth 1500 Rock beaching
DESIGN INVERT			
DESIGN BATTER			
TREE REMOVALS			



PROJECT DESIGN STATUS		
Surveyor:	360°	19/12/2023
Designer:	A. Smith	02/01/2024
Draft Checked:	x.xxx	xx/xx/23
Tender Approved:	N. SARTORI	xx/xx/23
PRELIMINARY DESIGN DRAFT 9		

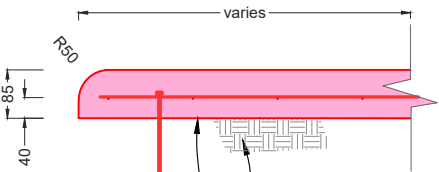
PROJECT DETAILS	
Location:	Axe Creek Road
Suburb:	Axe Creek / Sedgwick
Works:	Blackspot upgrades
GB No:	GB5106

SHEET DETAILS			
DETAIL LAYOUT			Sheet number: 15 of 38
			Plan Scale: 1:250 A3
			Plotted: 04/09/2024 By: Andrew Smith
SHEET REVISIONS AFTER TENDER			
Revision	Description	Approved by	Date
-	-	-	-
-	-	-	-
-	-	-	-

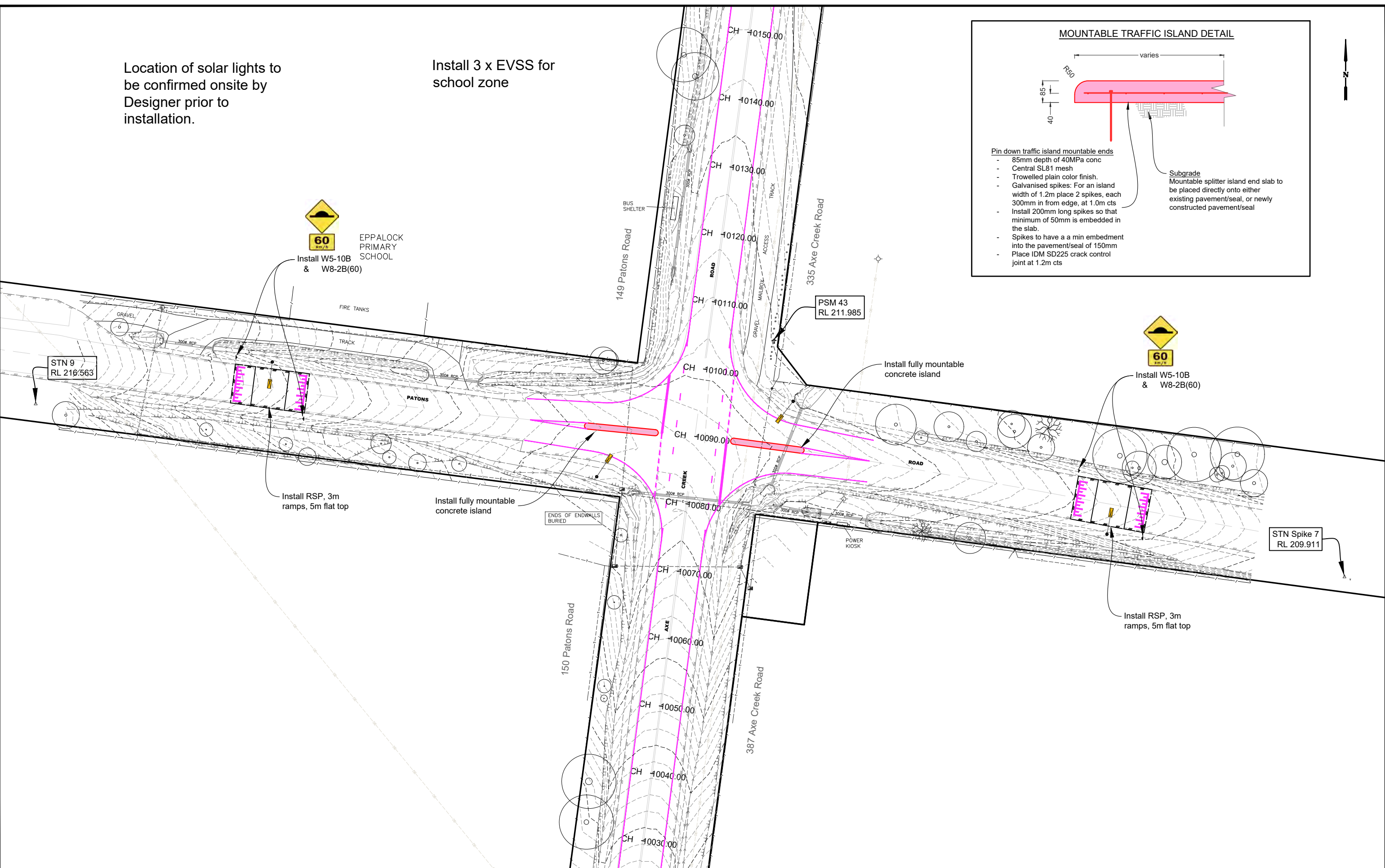
Location of solar lights to be confirmed onsite by Designer prior to installation.

Install 3 x EVSS for school zone

MOUNTABLE TRAFFIC ISLAND DETAIL



- Pin down traffic island mountable ends
- 85mm depth of 40MPa conc
 - Central SL81 mesh
 - Trowelled plain color finish.
 - Galvanised spikes: For an island width of 1.2m place 2 spikes, each 300mm in from edge, at 1.0m cts
 - Install 200mm long spikes so that minimum of 50mm is embedded in the slab.
 - Spikes to have a min embedment into the pavement/seal of 150mm
 - Place IDM SD225 crack control joint at 1.2m cts
- Subgrade
Mountable splitter island end slab to be placed directly onto either existing pavement/seal, or newly constructed pavement/seal



LEGEND

DESIGN LINEMARKING	DESIGN CONTOURS - Levels to AHD (0.10m interval)	DESIGN PAVEMENT: Spray Seal (Refer: Typical road pavement detail.)	DESIGN MULCHED BATTER AREAS (Refer: Typical road pavement detail.)
DESIGN SEAL EDGE	EXISTING CONTOURS - Levels to AHD (0.10m interval)	DESIGN UNSEALED SHOULDERS (Refer: Typical road pavement detail.)	DESIGN GRAVEL DRIVEWAY 50mm depth CL3 FCR
DESIGN SHOULDER	DESIGN PAVEMENT: 40mm Asphalt (Refer: Typical road pavement detail.)	DESIGN EARTHEN BATTER AREAS (Refer: Typical road pavement detail.)	DESIGN BEACHING 150mm depth 1500 Rock beaching
DESIGN INVERT			
DESIGN BATTER			
TREE REMOVALS			

CITY OF GREATER BENDIGO

PROJECT DESIGN STATUS

Surveyor:	360°	19/12/2023
Designer:	A. Smith	02/01/2024
Draft Checked:	x.xxx	xx/xx/23
Tender Approved:	N. SARTORI	xx/xx/23

PRELIMINARY DESIGN DRAFT 9

PROJECT DETAILS

Location: Axe Creek Road

Suburb: Axe Creek / Sedgwick

Works: Blackspot upgrades

GB No: GB5106

SHEET DETAILS

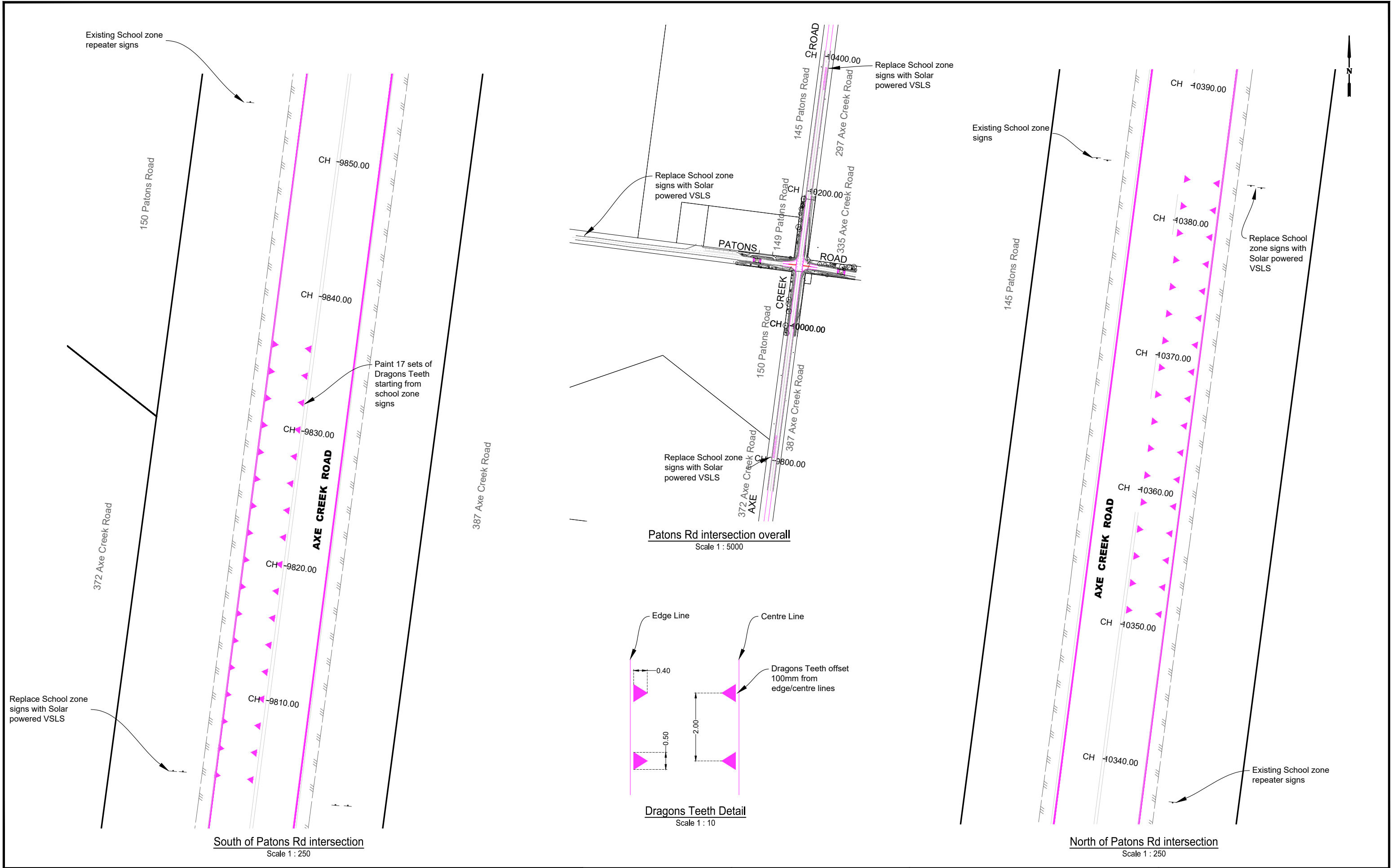
DETAIL LAYOUT

Sheet number: 16 of 38

Plan Scale: 1:500

Plotted: 04/09/2024 By: Andrew Smith

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



LEGEND				PROJECT DESIGN STATUS		PROJECT DETAILS		SHEET DETAILS	
	DESIGN LINEMARKING		DESIGN CONTOURS - Levels to AHD (0.10m interval)		DESIGN PAVEMENT: Spray Seal (Refer: Typical road pavement detail.)		DESIGN MULCHED BATTER AREAS (Refer: Typical road pavement detail.)	DETAIL LAYOUT	
	DESIGN SEAL EDGE		EXISTING CONTOURS - Levels to AHD (0.10m interval)		DESIGN UNSEALED SHOULDERS (Refer: Typical road pavement detail.)		DESIGN GRAVEL DRIVEWAY 50mm depth CL3 FCR		
	DESIGN INVERT		DESIGN PAVEMENT: 40mm Asphalt (Refer: Typical road pavement detail.)		DESIGN EARTHEN BATTER AREAS (Refer: Typical road pavement detail.)		DESIGN BEACHING 150mm depth 1500 Rock beaching	SHEET REVISIONS AFTER TENDER	
	DESIGN BATTER							Revision	Description
	TREE REMOVALS							Approved by	Date
								-	-
								-	-
								-	-



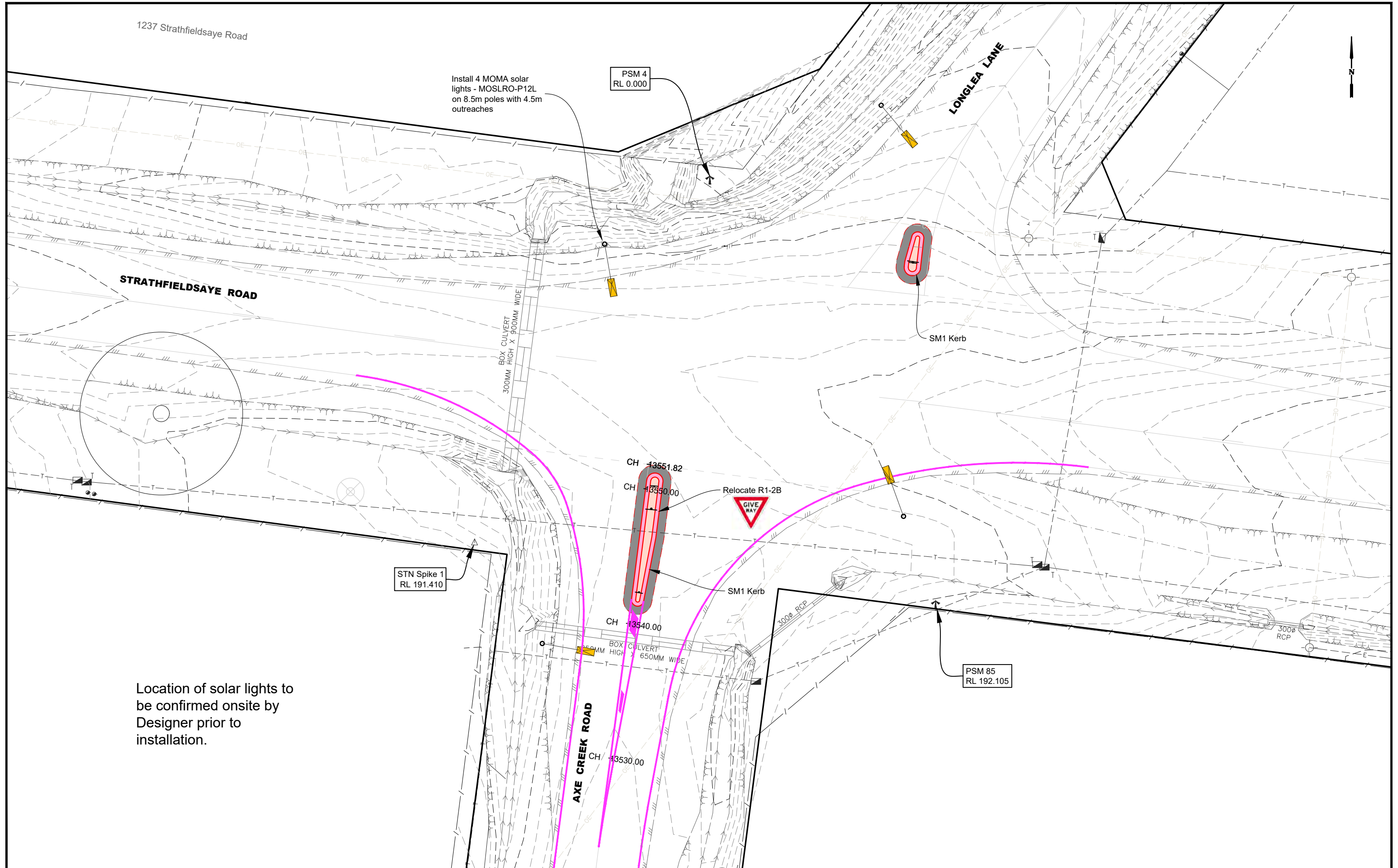
CITY OF GREATER
BENDIGO

Surveyor:	360°	19/12/2023
Designer:	A. Smith	02/01/2024
Draft Checked:	x.xxx	xx/xx/23
Tender Approved:	N. SARTORI	xx/xx/23

**PRELIMINARY DESIGN
DRAFT 9**

Location:	Axe Creek Road
Suburb:	Axe Creek / Sedgwick
Works:	Blackspot upgrades
GB No:	GB5106

Sheet number:	17 of 38
Plan Scale:	As Shown
Plotted:	04/09/2024 By: Andrew Smith



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

DESIGN PAVEMENT: Kerb Works
(Refer: Typical road pavement detail)

Concrete - Plain
125mm thick on existing seal

Existing tree to be removed

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)

PROJECT DESIGN STATUS

Surveyor:

360°

19/12/2023

Designer:

A. Smith

02/01/2024

Draft Checked:

x.xxx

xx/xx/23

Tender Approved:

N. SARTORI

xx/xx/23

PRELIMINARY DESIGN
DRAFT 9

PROJECT DETAILS

Location:

Axe Creek Road

Suburb:

Axe Creek / Sedgwick

Works:

Blackspot upgrades

GB No:

GB5106

SHEET DETAILS

DETAIL LAYOUT

Sheet number:

18 of 38

Plan Scale:

1:250

A3

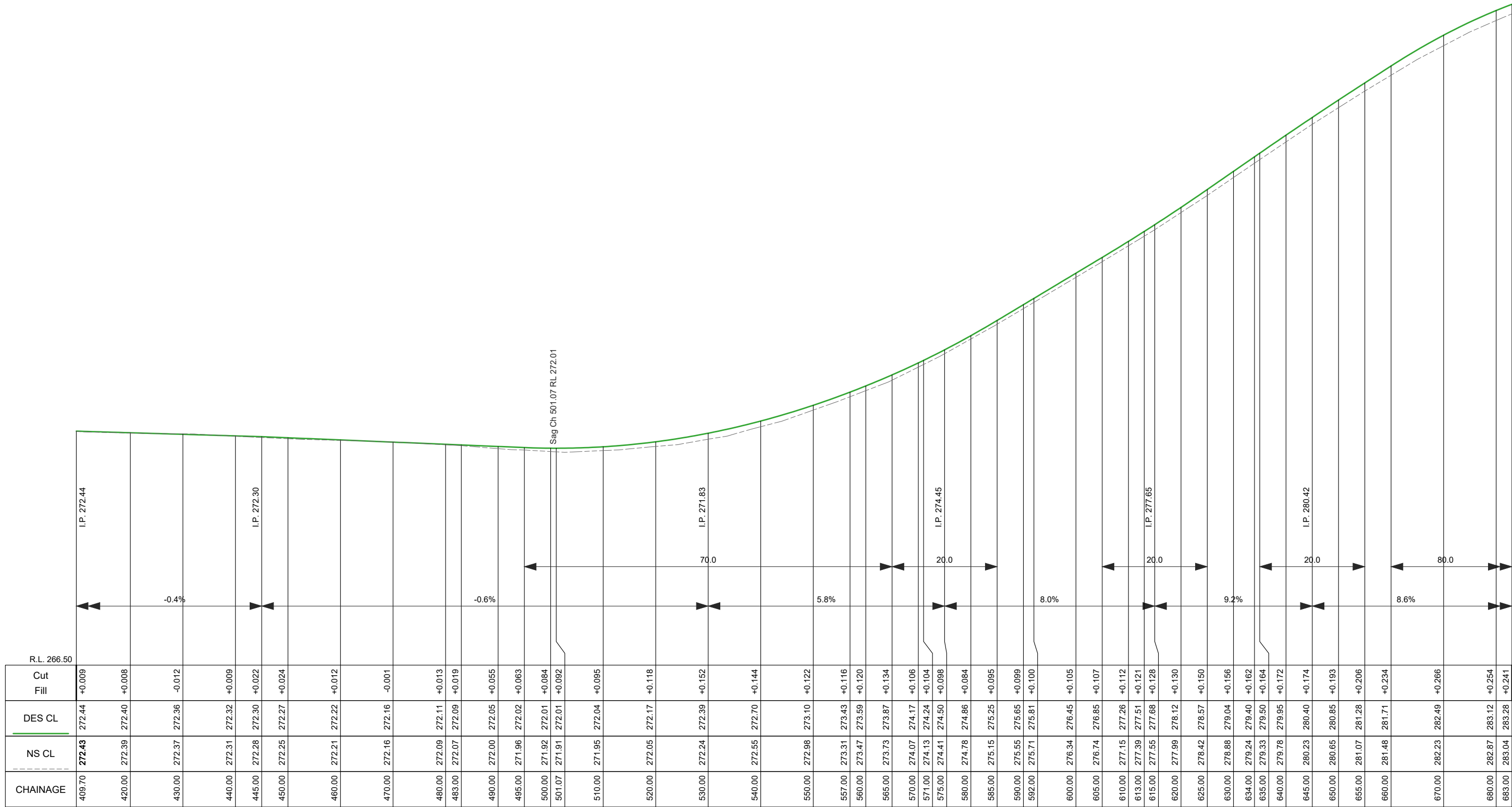
Plotted:

04/09/2024

By: Andrew Smith

SHEET REVISIONS AFTER TENDER

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



CL LONGITUDINAL SECTION CH 409.697 To 683.000
SCALES: H 1:750 V 1:100 (A3)



PROJECT DESIGN STATUS

Surveyor:	360°	19/12/2023
Designer:	A. Smith	02/01/2024
Draft Checked:	x.xxx	xx/xx/23
Tender Approved:	N. SARTORI	xx/xx/23

PRELIMINARY DESIGN
DRAFT 9

PROJECT DETAILS

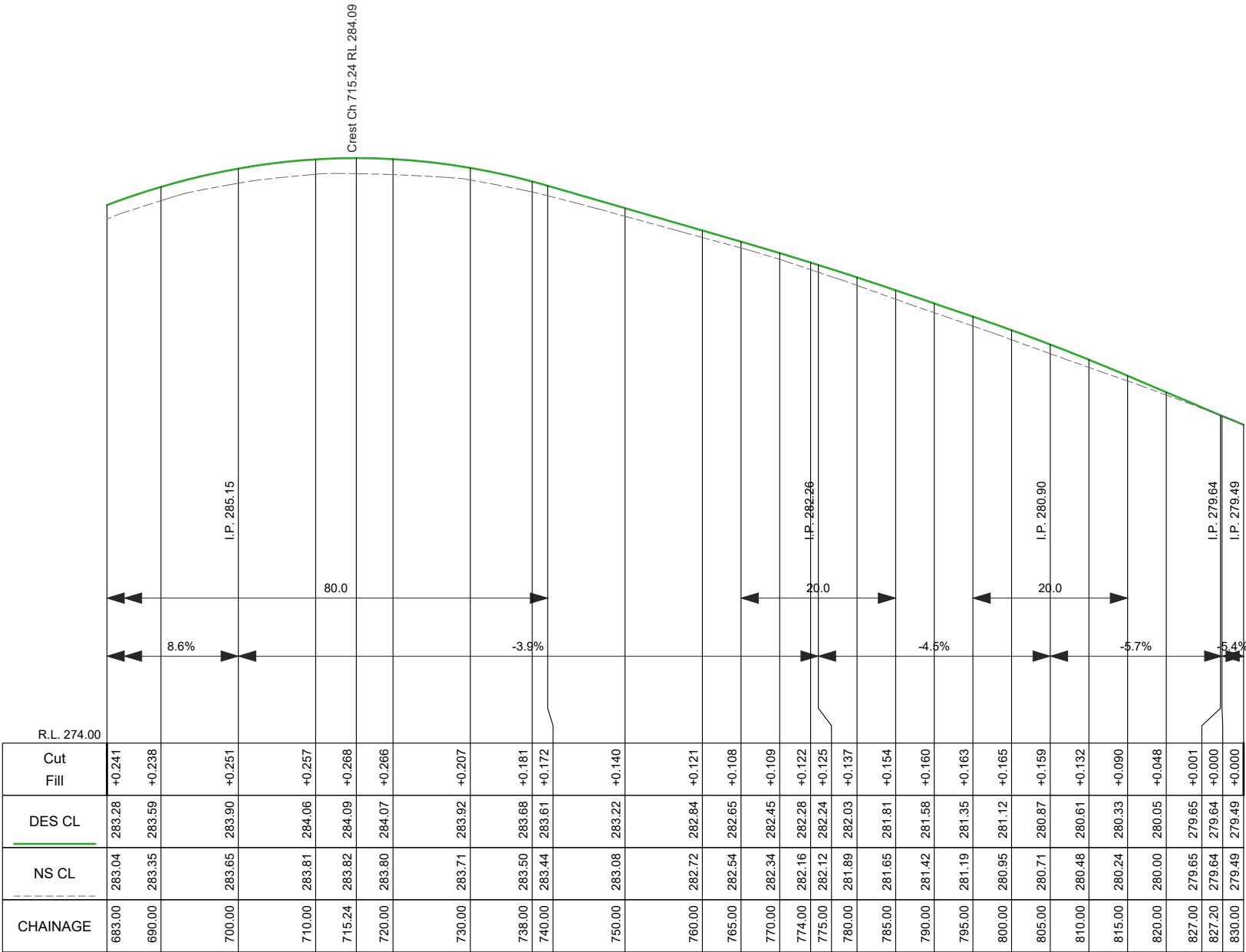
Location:	Axe Creek Road
Suburb:	Axe Creek / Sedgwick
Works:	Blackspot upgrades
GB No:	GB5106

SHEET DETAILS

LONG SECTION

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

Sheet number: 19 of 38
Plan Scale: AS SHOWN A3
Plotted: 04/09/2024 By: Andrew Smith



CL LONGITUDINAL SECTION CH 683.000 To 830.000
SCALES: H 1:750 V 1:100 (A3)

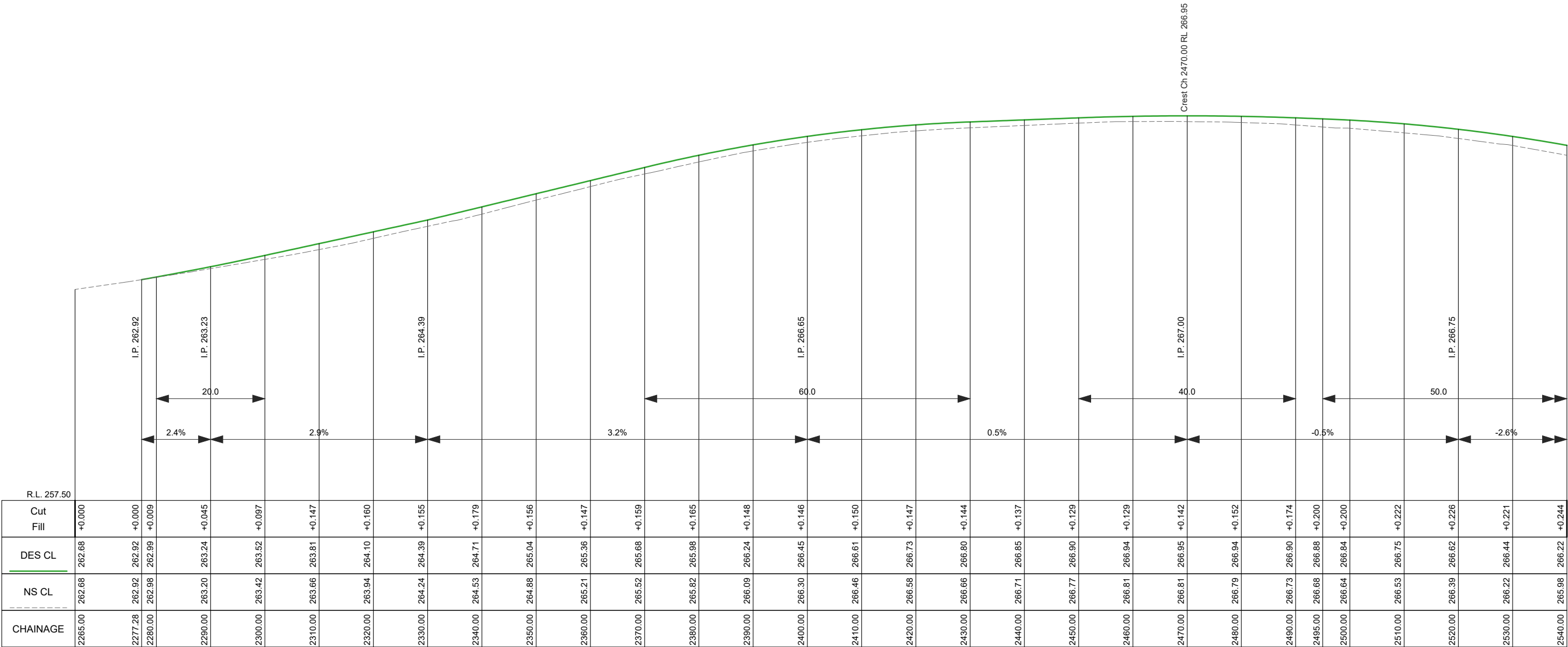


PROJECT DESIGN STATUS		
Surveyor:	360°	19/12/2023
Designer:	A. Smith	02/01/2024
Draft Checked:	x.xxx	xx/xx/23
Tender Approved:	N. SARTORI	xx/xx/23

PRELIMINARY DESIGN
DRAFT 9

PROJECT DETAILS	
Location:	Axe Creek Road
Suburb:	Axe Creek / Sedgwick
Works:	Blackspot upgrades
GB No:	GB5106

SHEET DETAILS			
LONG SECTION		Sheet number: 20 of 38	
		Plan Scale: AS SHOWN A3	
		Plotted: 04/09/2024 By: Andrew Smith	
SHEET REVISIONS AFTER TENDER			
Revision	Description	Approved by	Date
-	-	-	-
-	-	-	-
-	-	-	-



CL LONGITUDINAL SECTION CH 2265.000 To 2540.000
SCALES: H 1:750 V 1:100 (A3)

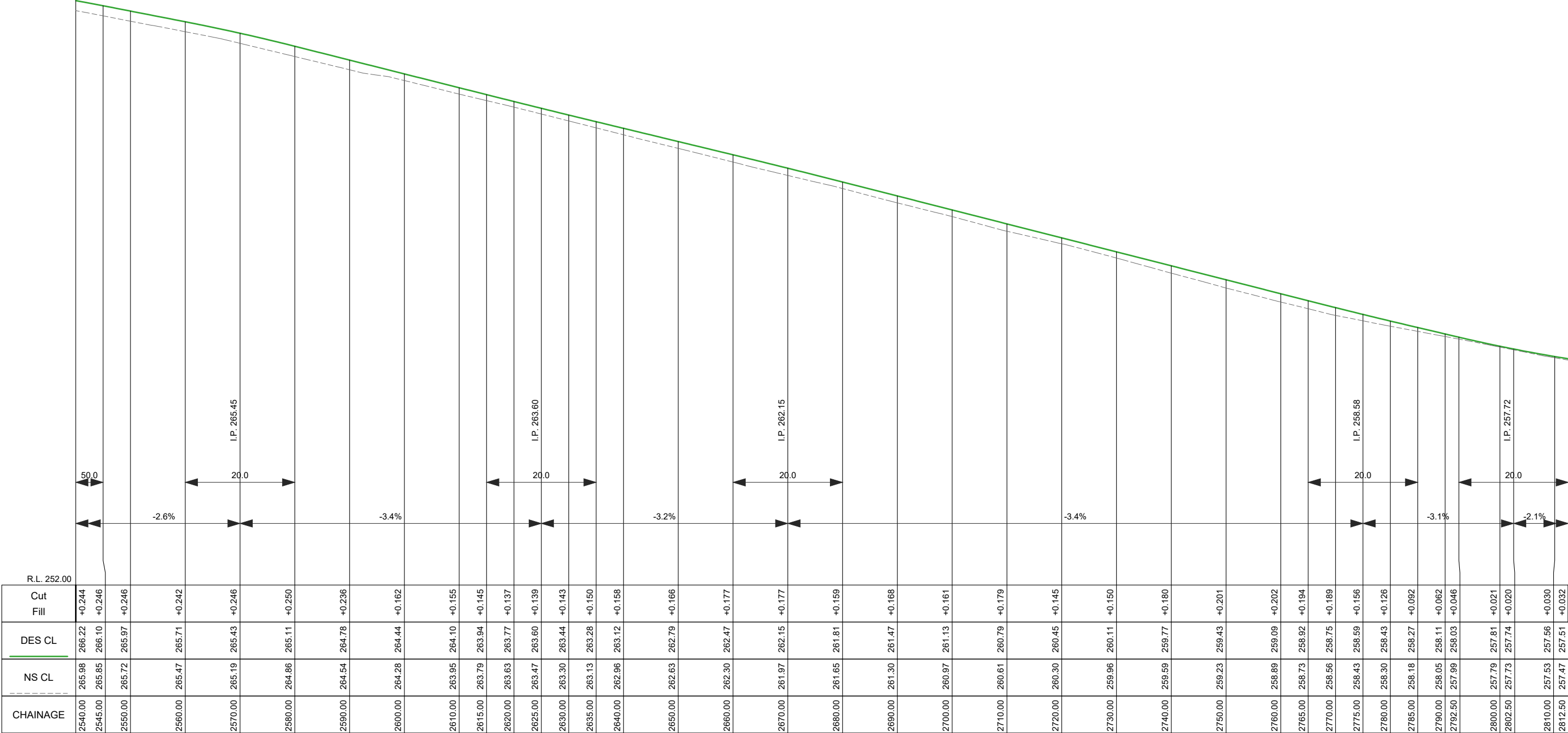


PROJECT DESIGN STATUS		
Surveyor:	360°	19/12/2023
Designer:	A. Smith	02/01/2024
Draft Checked:	x.xxx	xx/xx/23
Tender Approved:	N. SARTORI	xx/xx/23

PRELIMINARY DESIGN
DRAFT 9

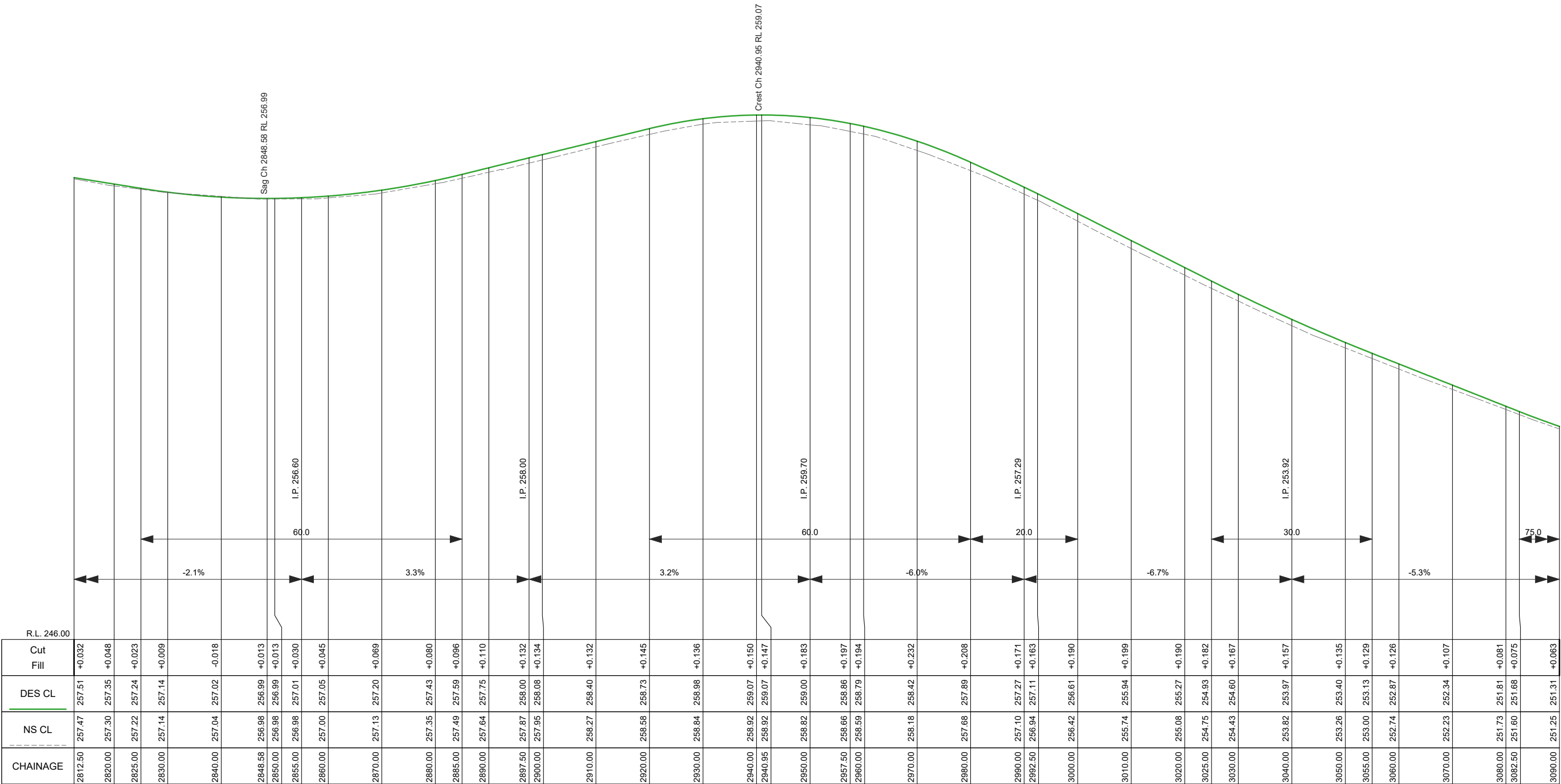
PROJECT DETAILS	
Location:	Axe Creek Road
Suburb:	Axe Creek / Sedgwick
Works:	Blackspot upgrades
GB No:	GB5106

SHEET DETAILS			
LONG SECTION		Sheet number: 21 of 38	
		Plan Scale: AS SHOWN	A3
		Plotted: 04/09/2024 By: Andrew Smith	
SHEET REVISIONS AFTER TENDER			
Revision	Description	Approved by	Date
-	-	-	-
-	-	-	-
-	-	-	-



CL LONGITUDINAL SECTION CH 2540.000 To 2812.500
SCALES: H 1:750 V 1:100 (A3)

 CITY OF GREATER BENDIGO	PROJECT DESIGN STATUS			PROJECT DETAILS		SHEET DETAILS				
	Surveyor:	360°	19/12/2023	Location: Axe Creek Road	Suburb: Axe Creek / Sedgwick	Works: Blackspot upgrades	GB No: GB5106	LONG SECTION	Sheet number: 22 of 38	
	Designer:	A. Smith	02/01/2024						Plan Scale: AS SHOWN A3	
	Draft Checked:	x.xxx	xx/xx/23						Plotted: 04/09/2024 By: Andrew Smith	
	Tender Approved:	N. SARTORI	xx/xx/23						SHEET REVISIONS AFTER TENDER	
PRELIMINARY DESIGN DRAFT 9			Revision	Description	Approved by		Date			
			-	-	-		-			
			-	-	-		-			
			-	-	-		-			



CL LONGITUDINAL SECTION CH 2812.500 To 3090.000
SCALES: H 1:750 V 1:100 (A3)

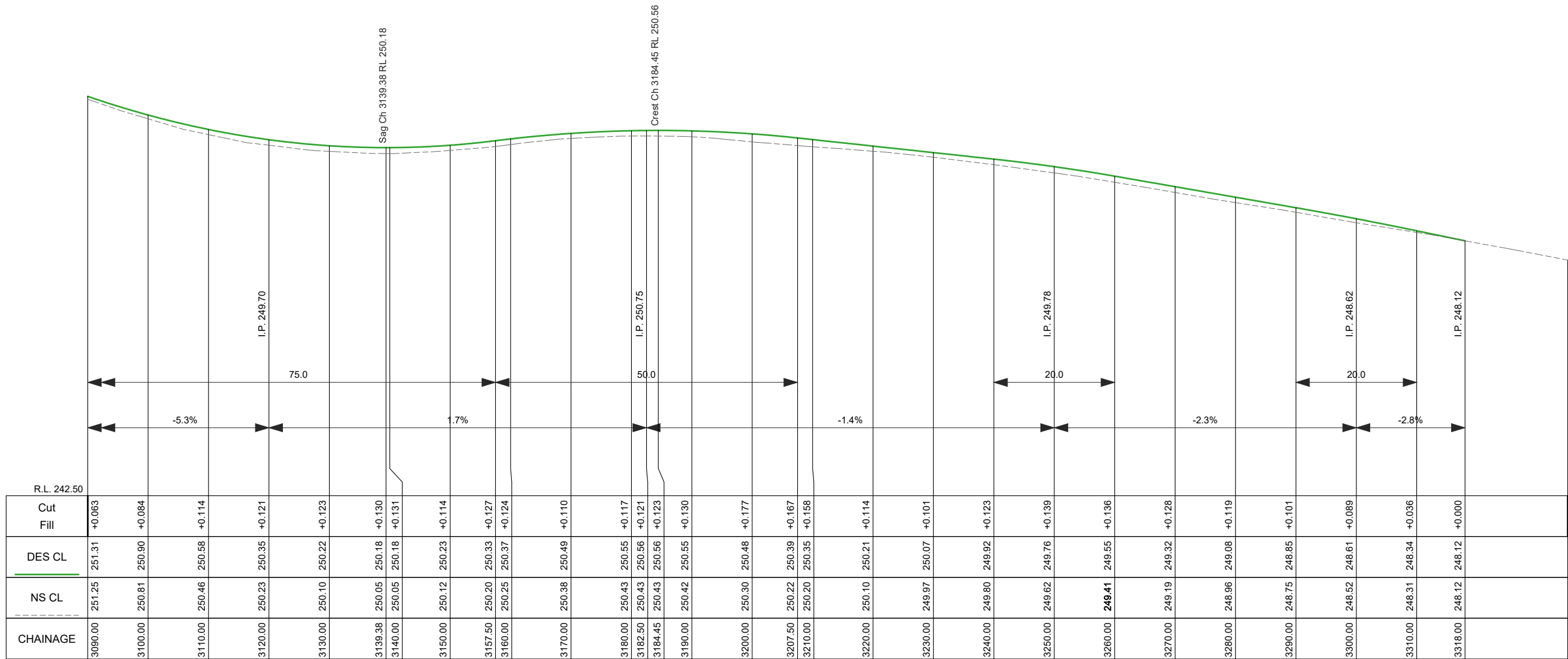


PROJECT DESIGN STATUS		
Surveyor:	360°	19/12/2023
Designer:	A. Smith	02/01/2024
Draft Checked:	x.xxx	xx/xx/23
Tender Approved:	N. SARTORI	xx/xx/23

PRELIMINARY DESIGN
DRAFT 9

PROJECT DETAILS	
Location:	Axe Creek Road
Suburb:	Axe Creek / Sedgwick
Works:	Blackspot upgrades
GB No:	GB5106

SHEET DETAILS			
LONG SECTION	Sheet number: 23 of 38		
	Plan Scale: AS SHOWN A3		
	Plotted: 04/09/2024 By: Andrew Smith		
SHEET REVISIONS AFTER TENDER			
Revision	Description	Approved by	Date
-	-	-	-
-	-	-	-
-	-	-	-



R.L. 242.50	Cut	+0.063	251.31	251.25	3090.00
	Fill	+0.084	250.90	250.81	3100.00
		+0.114	250.58	250.46	3110.00
		+0.121	250.35	250.23	3120.00
		+0.123	250.22	250.10	3130.00
		+0.130	250.18	250.05	3139.38
		+0.131	250.18	250.05	3140.00
		+0.114	250.23	250.12	3150.00
		+0.127	250.33	250.20	3157.50
		+0.124	250.37	250.25	3160.00
		+0.110	250.49	250.38	3170.00
		+0.117	250.55	250.43	3180.00
		+0.121	250.56	250.43	3182.50
		+0.123	250.56	250.43	3184.45
		+0.130	250.55	250.42	3190.00
		+0.177	250.48	250.30	3200.00
		+0.167	250.39	250.22	3207.50
		+0.158	250.35	250.20	3210.00
		+0.114	250.21	250.10	3220.00
		+0.101	250.07	249.97	3230.00
		+0.123	249.92	249.80	3240.00
		+0.139	249.76	249.62	3250.00
		+0.136	249.55	249.41	3260.00
		+0.128	249.32	249.19	3270.00
		+0.119	249.08	248.96	3280.00
		+0.101	248.85	248.75	3290.00
		+0.089	248.61	248.52	3300.00
		+0.036	248.34	248.31	3310.00
		+0.000	248.12	248.12	3318.00

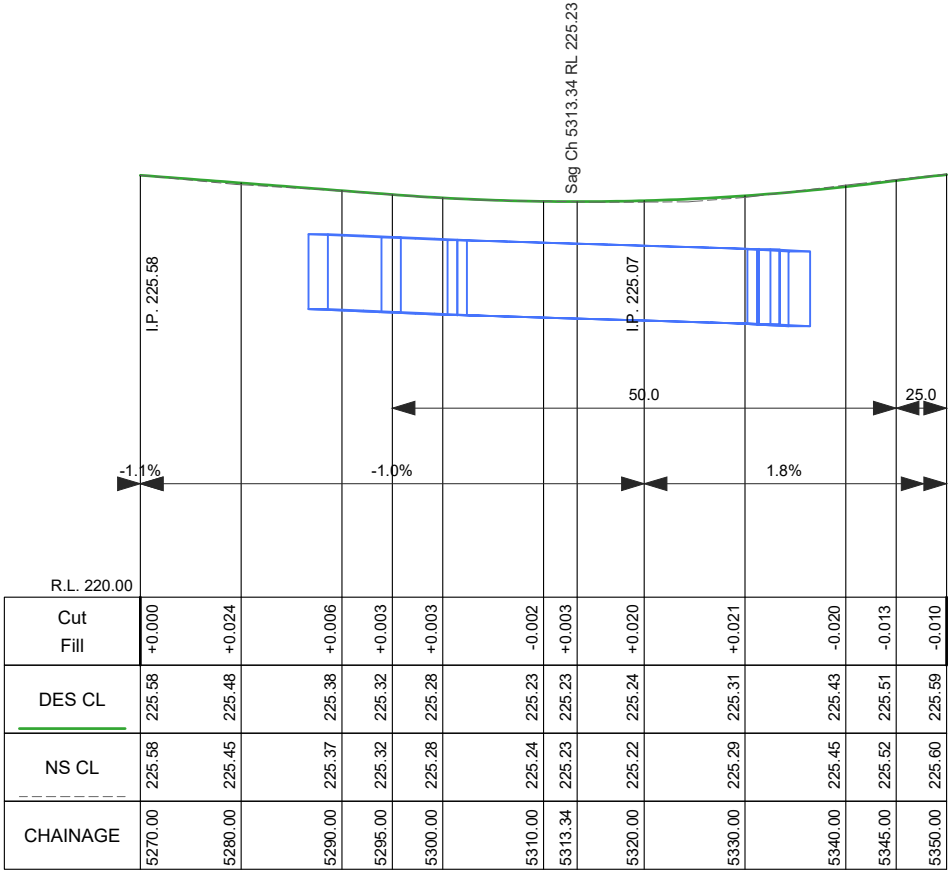
CL LONGITUDINAL SECTION CH 3090.000 To 3335.000
SCALES: H 1:750 V 1:100 (A3)



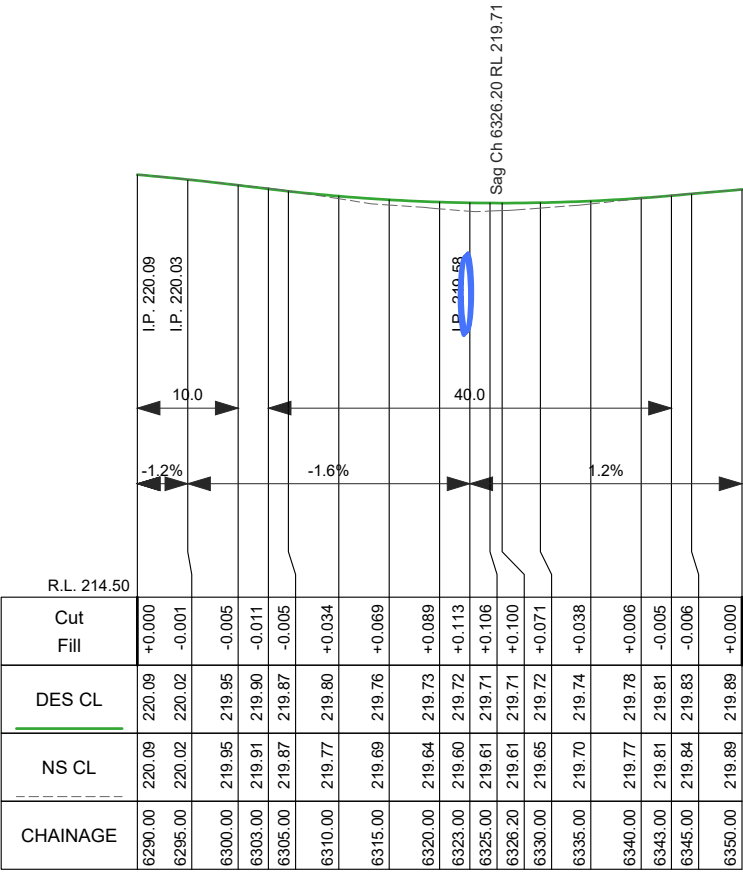
PROJECT DESIGN STATUS		
Surveyor:	360°	19/12/2023
Designer:	A. Smith	02/01/2024
Draft Checked:	x.xxx	xx/xx/23
Tender Approved:	N. SARTORI	xx/xx/23
PRELIMINARY DESIGN DRAFT 9		

PROJECT DETAILS	
Location:	Axe Creek Road
Suburb:	Axe Creek / Sedgwick
Works:	Blackspot upgrades
GB No:	GB5106

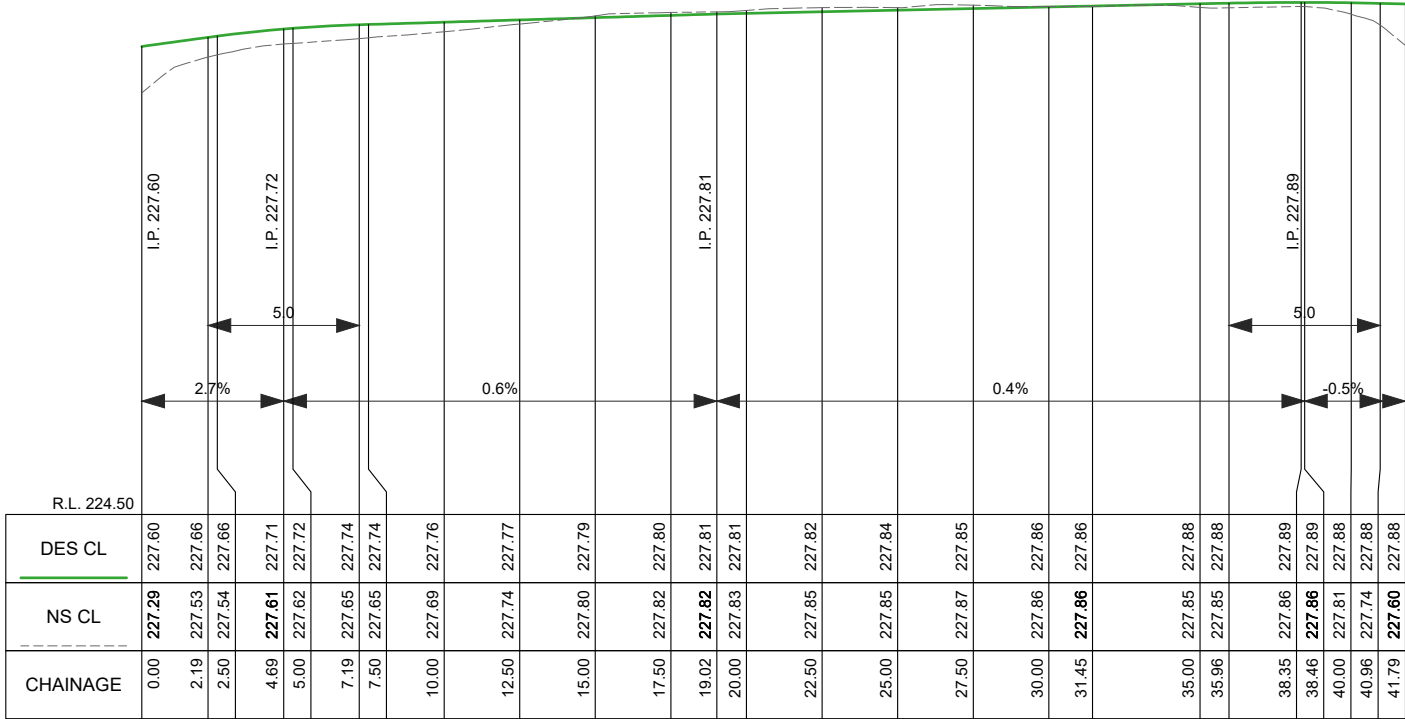
SHEET DETAILS		
LONG SECTION		Sheet number: 24 of 38
		Plan Scale: AS SHOWN A3
Plotted: 04/09/2024 By: Andrew Smith		
SHEET REVISIONS AFTER TENDER		
Revision	Description	Approved by Date
-	-	-
-	-	-
-	-	-



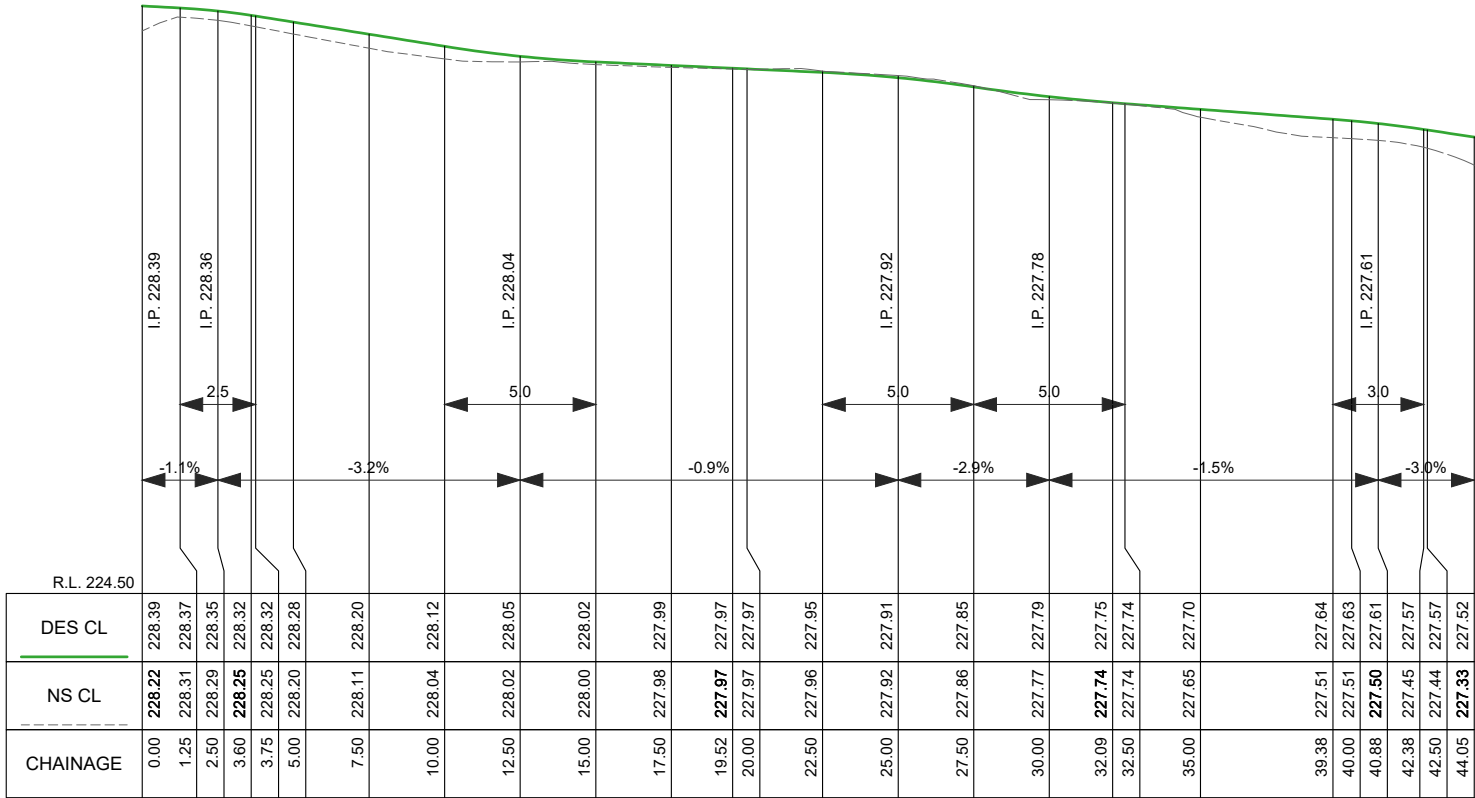
CL LONGITUDINAL SECTION CH 5270.000 To 5350.000
SCALES: H 1:750 V 1:100 (A3)



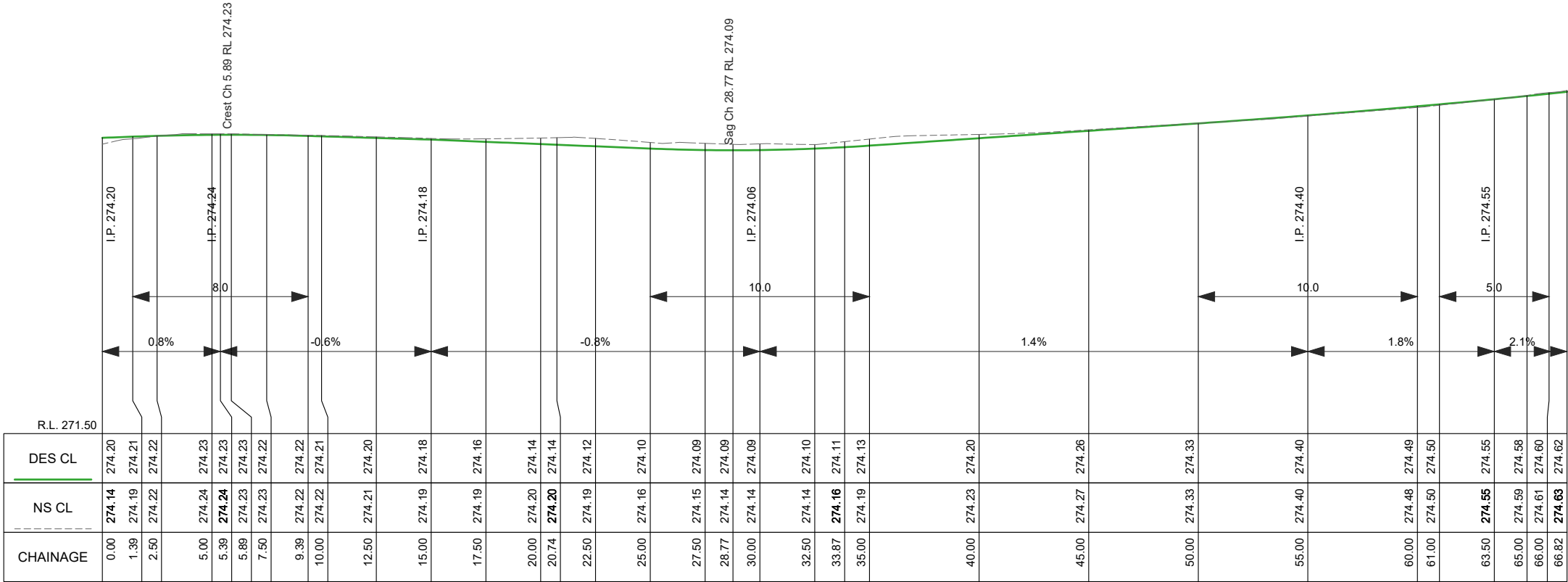
CL LONGITUDINAL SECTION CH 6290.000 To 6350.000
SCALES: H 1:750 V 1:100 (A3)



LK-Myrtle Creek Rd - SE LONGITUDINAL SECTION CH 0.000 To 41.793
SCALES: H 1:250 V 1:50 (A3)



LK-Emu Creek Road - NW LONGITUDINAL SECTION CH 0.000 To 44.053
SCALES: H 1:250 V 1:50 (A3)



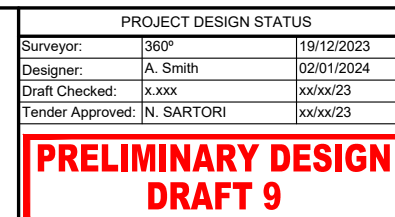
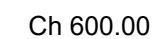
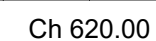
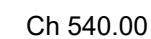
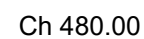
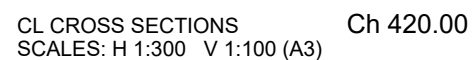
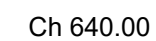
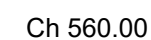
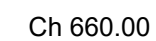
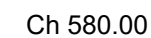
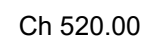
LK-Sutton-South LONGITUDINAL SECTION CH 0.000 To 66.825
SCALES: H 1:250 V 1:50 (A3)



PROJECT DESIGN STATUS		
Surveyor:	360°	19/12/2023
Designer:	A. Smith	02/01/2024
Draft Checked:	x.xxx	xx/xx/23
Tender Approved:	N. SARTORI	xx/xx/23
PRELIMINARY DESIGN DRAFT 9		

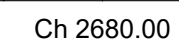
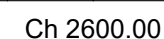
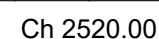
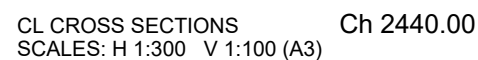
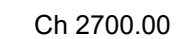
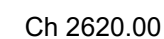
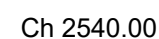
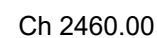
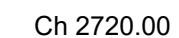
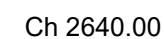
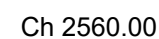
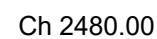
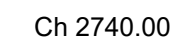
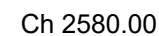
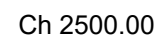
PROJECT DETAILS	
Location:	Axe Creek Road
Suburb:	Axe Creek / Sedgwick
Works:	Blackspot upgrades
GB No:	GB5106

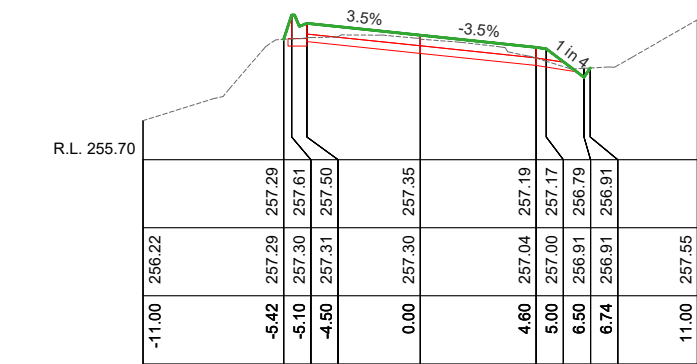
SHEET DETAILS		
LONG SECTION		Sheet number: 26 of 38
		Plan Scale: AS SHOWN A3
		Plotted: 04/09/2024 By: Andrew Smith
SHEET REVISIONS AFTER TENDER		
Revision	Description	Approved by Date
-	-	-
-	-	-
-	-	-



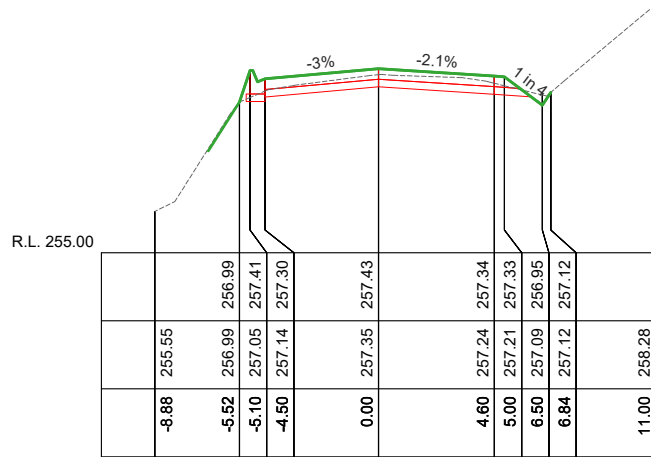
PROJECT DETAILS	
Location:	Axe Creek Road
Suburb:	Axe Creek / Sedgwick
Works:	Blackspot upgrades
GB No:	GB5106

SHEET DETAILS				
CROSS SECTIONS		Sheet number: 27 of 38		
		Plan Scale: AS SHOWN	Author: Andrew Smith	
PRELIMINARY DESIGN DRAFT 9				
SHEET REVISIONS AFTER TENDER				
Revision	Description	Approved by	Date	
-	-	-	-	
-	-	-	-	

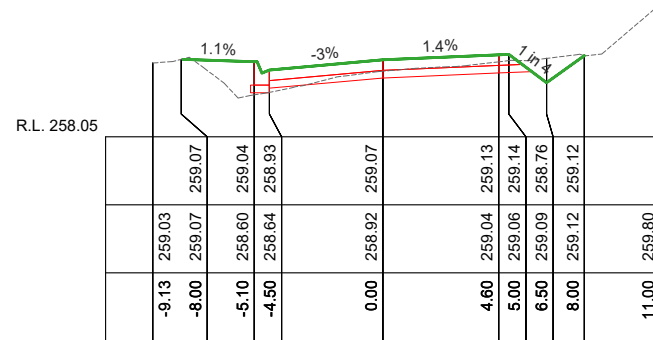




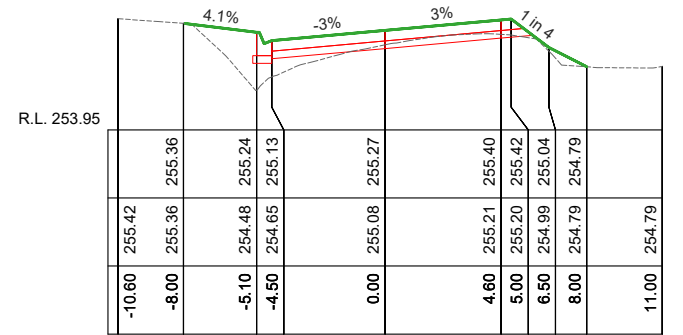
Ch 2820.00



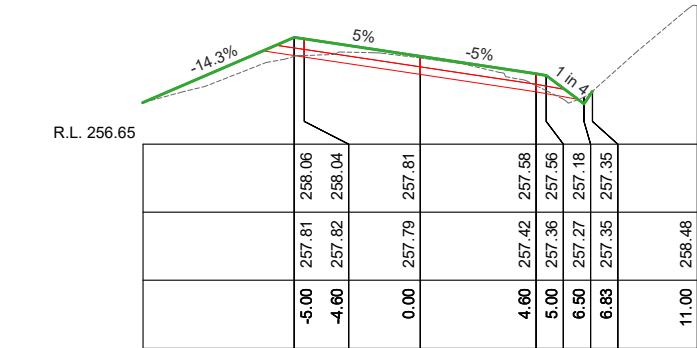
Ch 2880.00



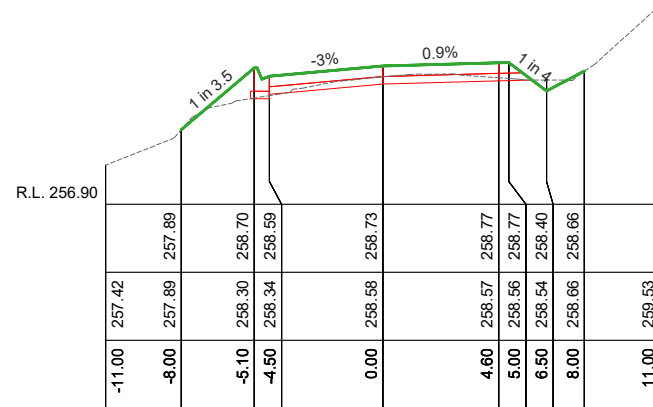
Ch 2940.00



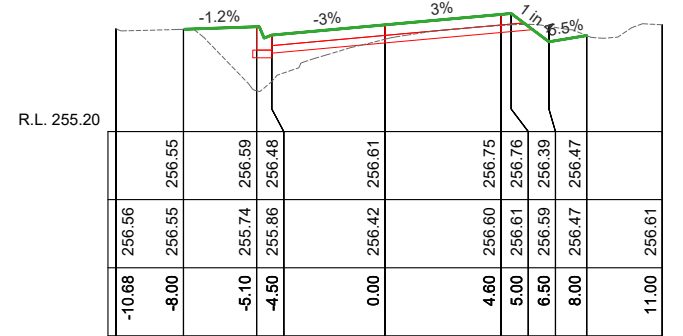
Ch 3020.00



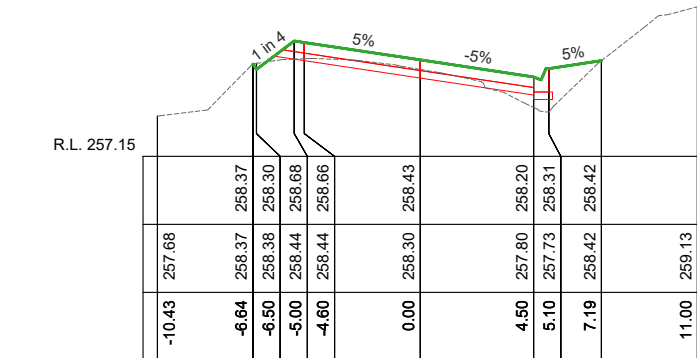
Ch 2800.00



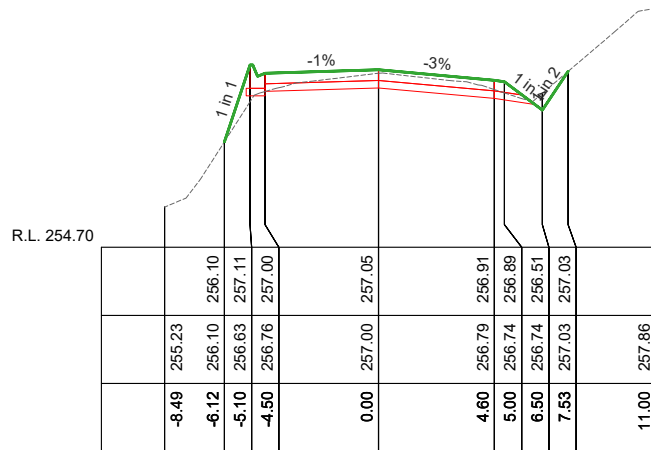
Ch 2920.00



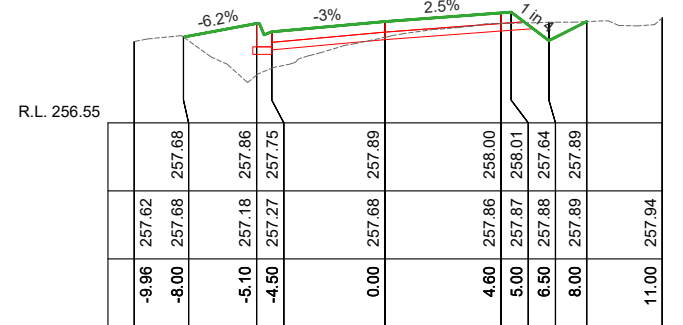
Ch 3000.00



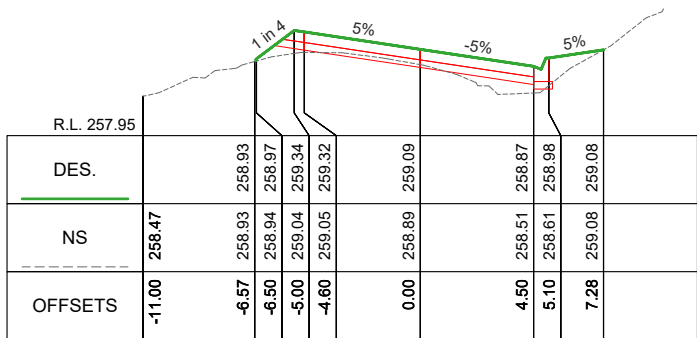
Ch 2780.00



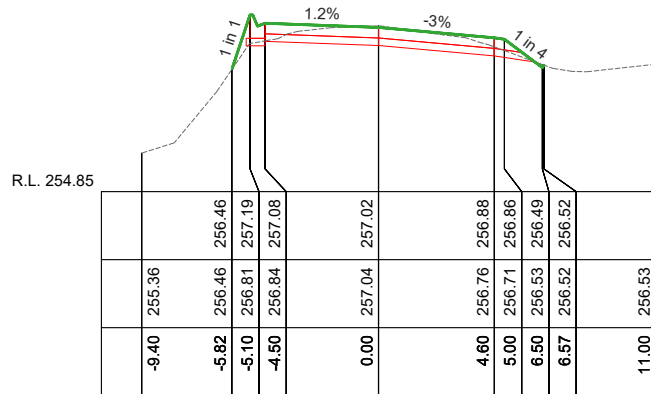
Ch 2860.00



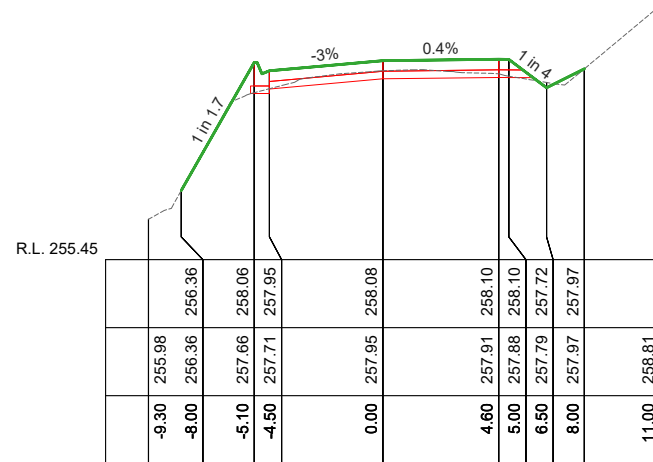
Ch 2980.00



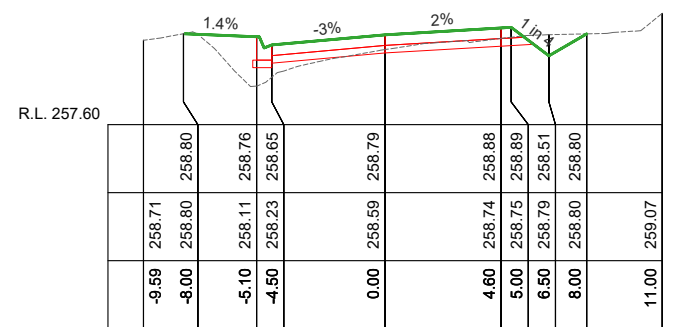
Ch 2760.00



Ch 2840.00



Ch 2900.00



Ch 2960.00

CL CROSS SECTIONS
SCALES: H 1:300 V 1:100 (A3)

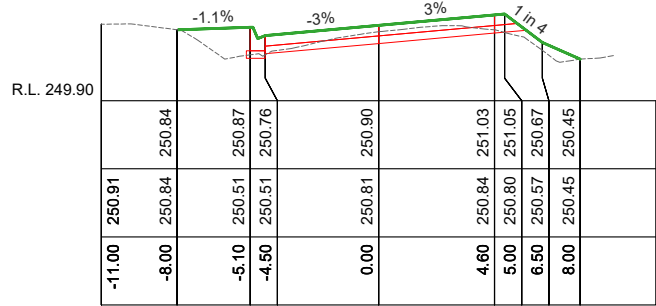


PROJECT DESIGN STATUS		
Surveyor:	360°	19/12/2023
Designer:	A. Smith	02/01/2024
Draft Checked:	x.xxx	xx/xx/23
Tender Approved:	N. SARTORI	xx/xx/23

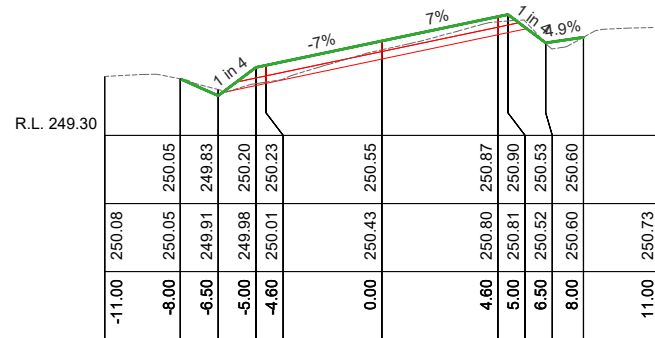
PRELIMINARY DESIGN
DRAFT 9

PROJECT DETAILS	
Location:	Axe Creek Road
Suburb:	Axe Creek / Sedgwick
Works:	Blackspot upgrades
GB No:	GB5106

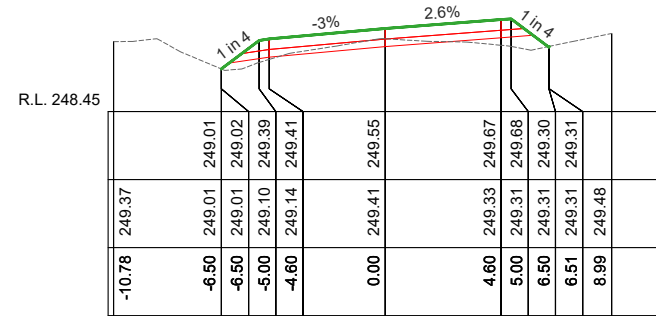
SHEET DETAILS		
CROSS SECTIONS		Sheet number: 30 of 38
		Plan Scale: AS SHOWN A3
		Plotted: 04/09/2024 By: Andrew Smith
SHEET REVISIONS AFTER TENDER		
Revision	Description	Approved by Date
-	-	-
-	-	-
-	-	-



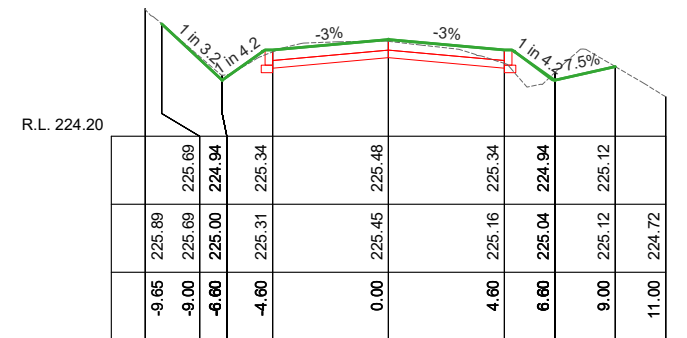
Ch 3100.00



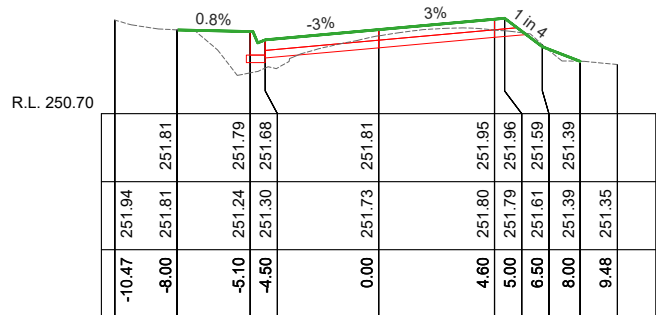
Ch 3180.00



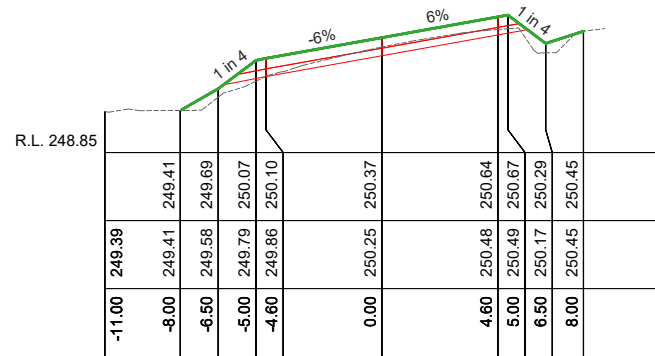
Ch 3260.00



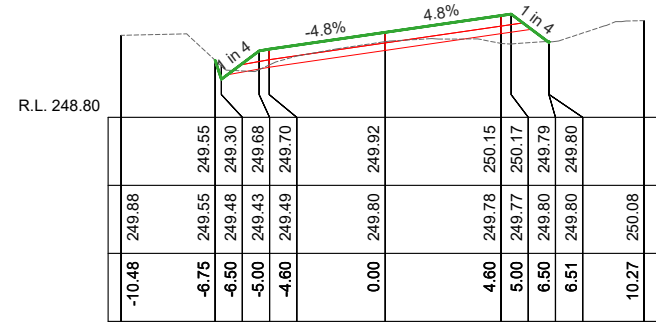
Ch 5280.00



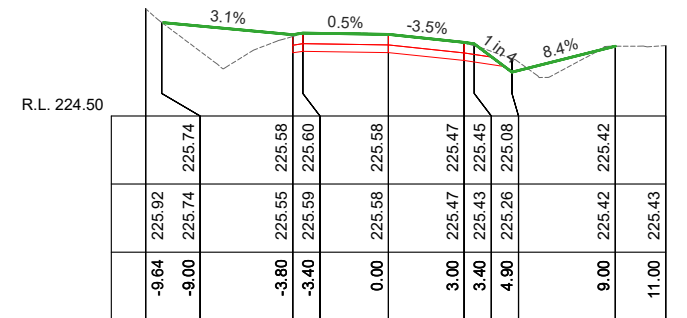
Ch 3080.00



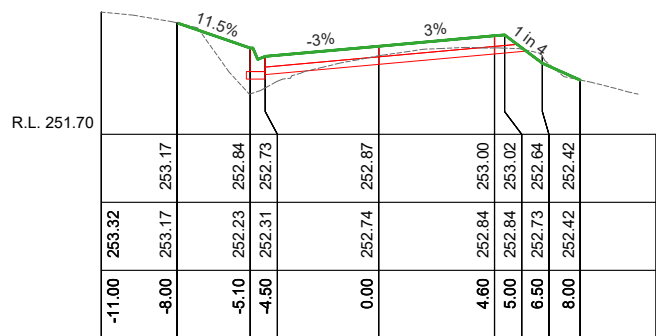
Ch 3160.00



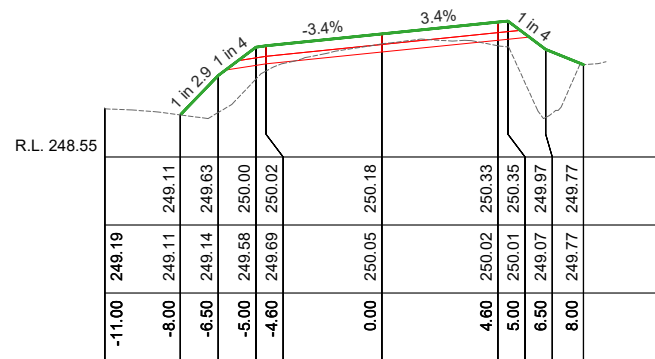
Ch 3240.00



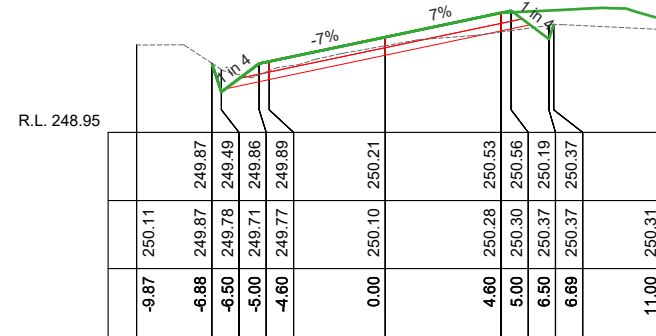
Ch 5270.00



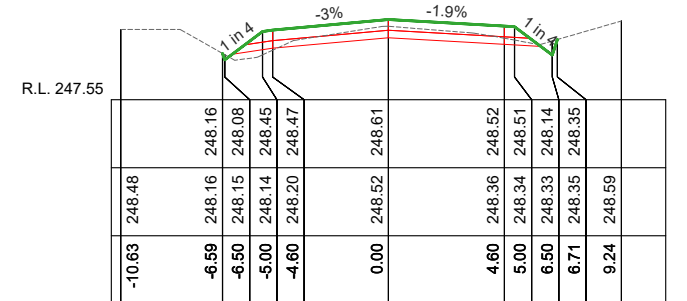
Ch 3060.00



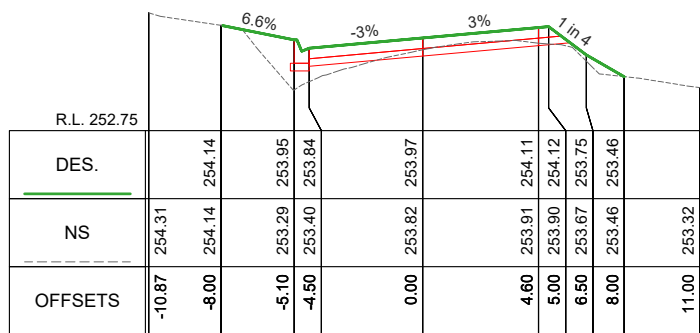
Ch 3140.00



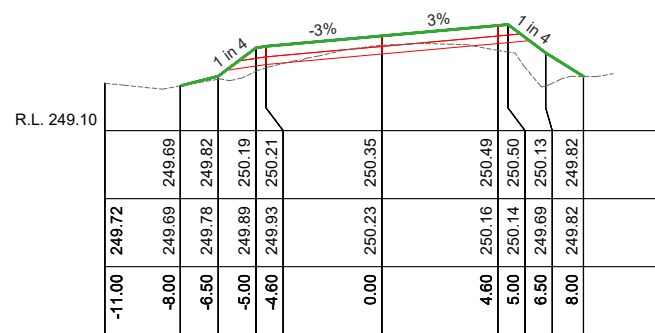
Ch 3220.00



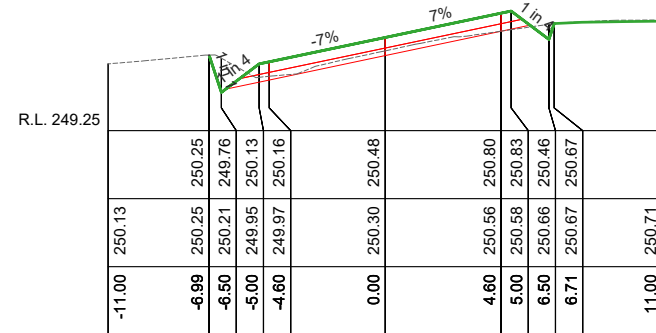
Ch 3300.00



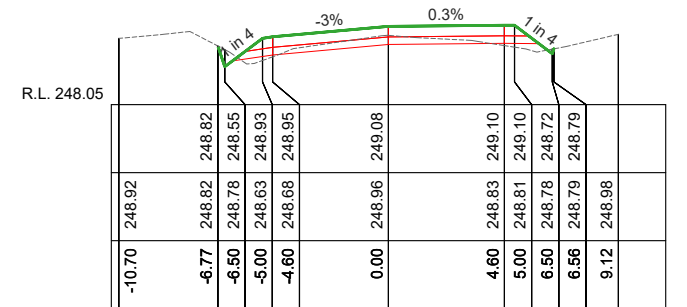
Ch 3040.00



Ch 3120.00



Ch 3200.00



Ch 3280.00

CL CROSS SECTIONS
SCALES: H 1:300 V 1:100 (A3)

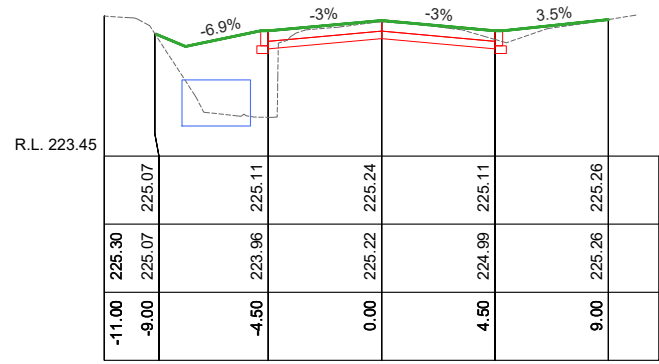


PROJECT DESIGN STATUS		
Surveyor:	360°	19/12/2023
Designer:	A. Smith	02/01/2024
Draft Checked:	x.xxx	xx/xx/23
Tender Approved:	N. SARTORI	xx/xx/23

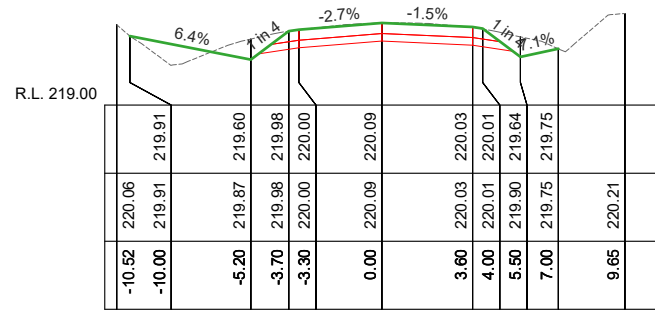
PRELIMINARY DESIGN
DRAFT 9

PROJECT DETAILS	
Location:	Axe Creek Road
Suburb:	Axe Creek / Sedgwick
Works:	Blackspot upgrades
GB No:	GB5106

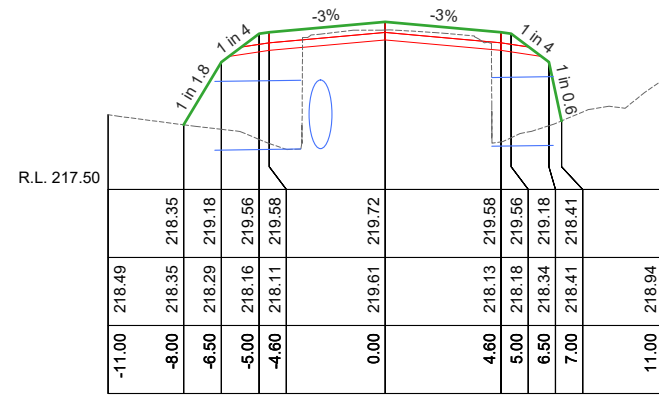
SHEET DETAILS		
CROSS SECTIONS	Sheet number:	31 of 38
	Plan Scale:	AS SHOWN A3
	Plotted:	04/09/2024 By: Andrew Smith
SHEET REVISIONS AFTER TENDER		
Revision	Description	Approved By Date
-	-	-
-	-	-
-	-	-



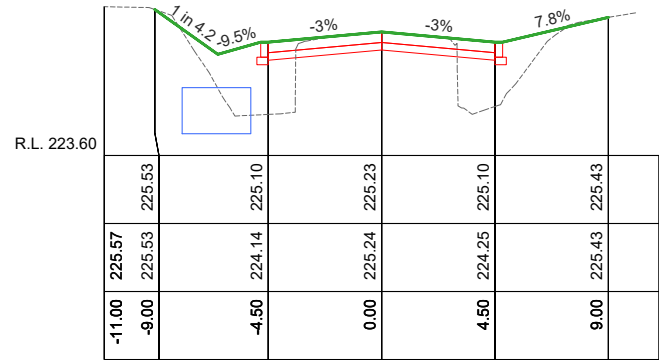
Ch 5320.00



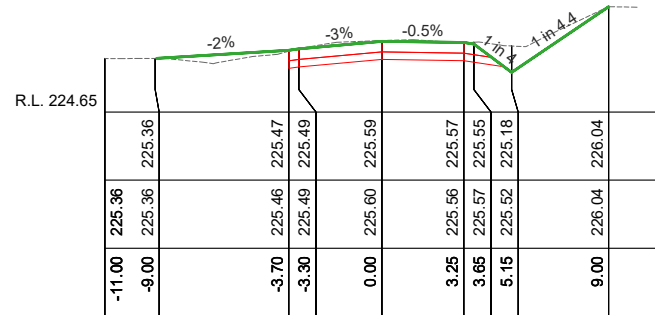
Ch 6290.00



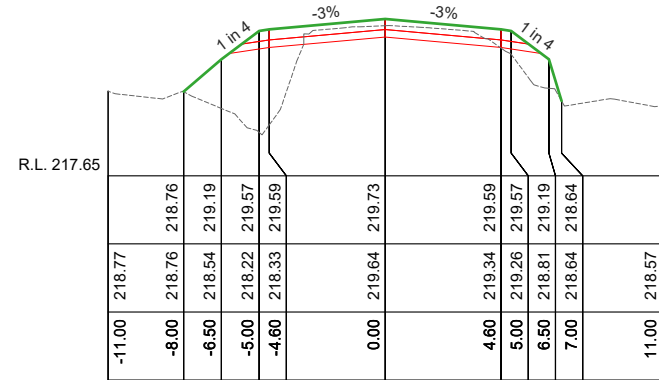
Ch 6322.50



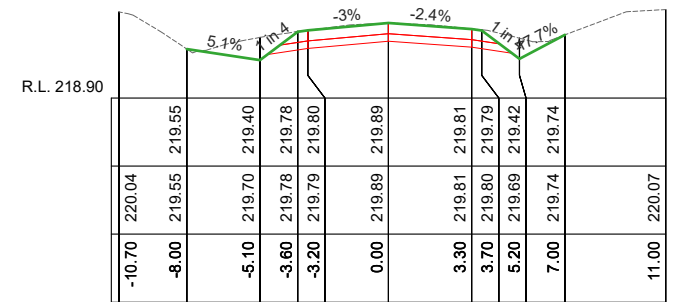
Ch 5310.00



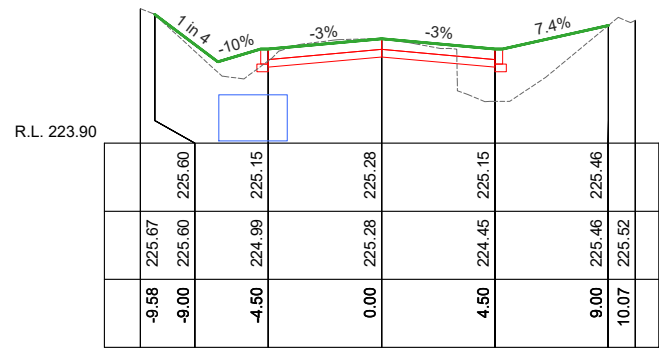
Ch 5350.00



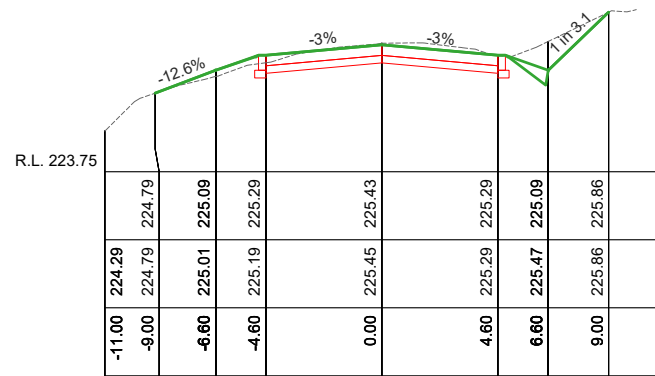
Ch 6320.00



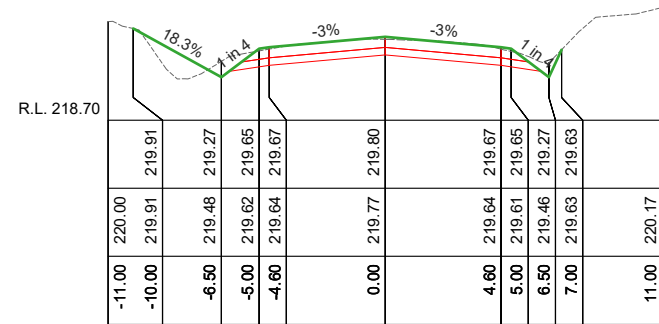
Ch 6350.00



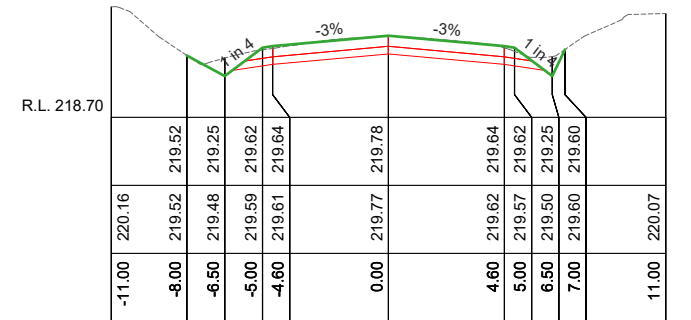
Ch 5300.00



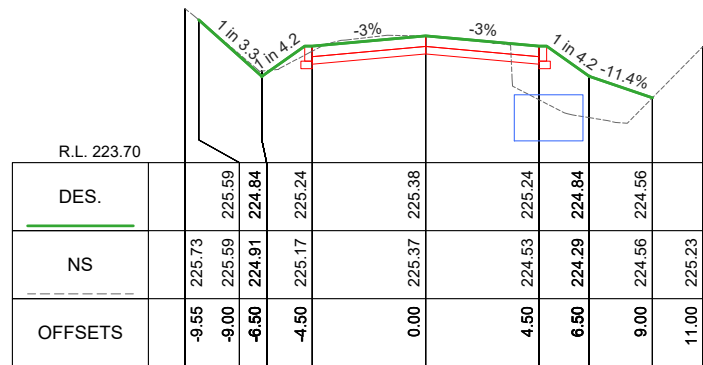
Ch 5340.00



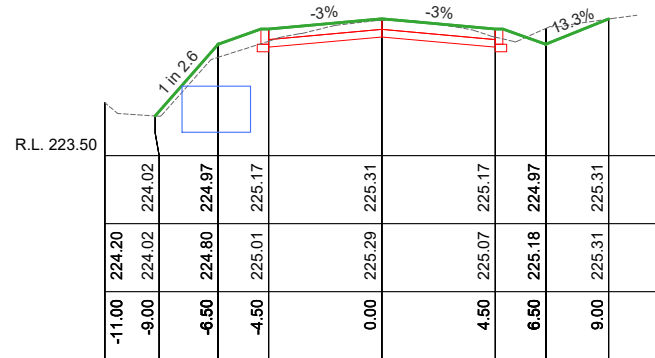
Ch 6310.00



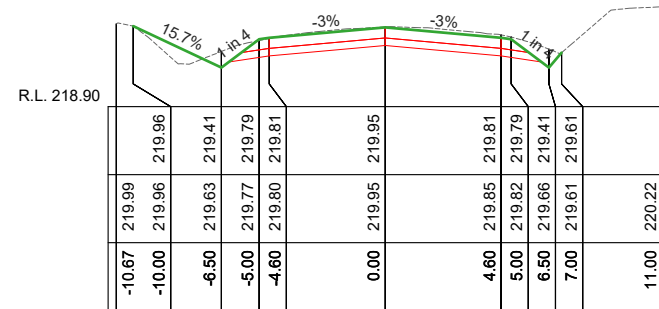
Ch 6340.00



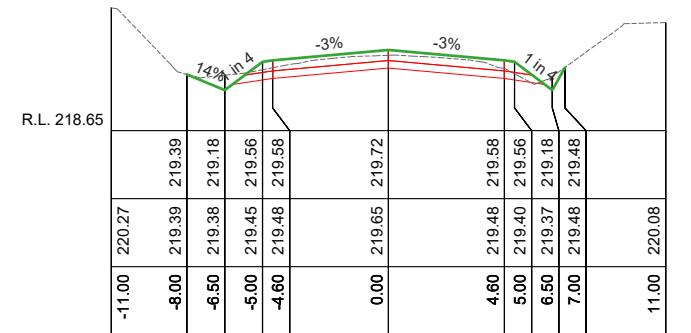
CL CROSS SECTIONS
Ch 5290.00
SCALES: H 1:300 V 1:100 (A3)



Ch 5330.00



Ch 6300.00



Ch 6330.00



PROJECT DESIGN STATUS		
Surveyor:	360°	19/12/2023
Designer:	A. Smith	02/01/2024
Draft Checked:	x.xxx	xx/xx/23
Tender Approved:	N. SARTORI	xx/xx/23

PROJECT DETAILS	
Location:	Axe Creek Road
Suburb:	Axe Creek / Sedgwick
Works:	Blackspot upgrades
GB No:	GB5106

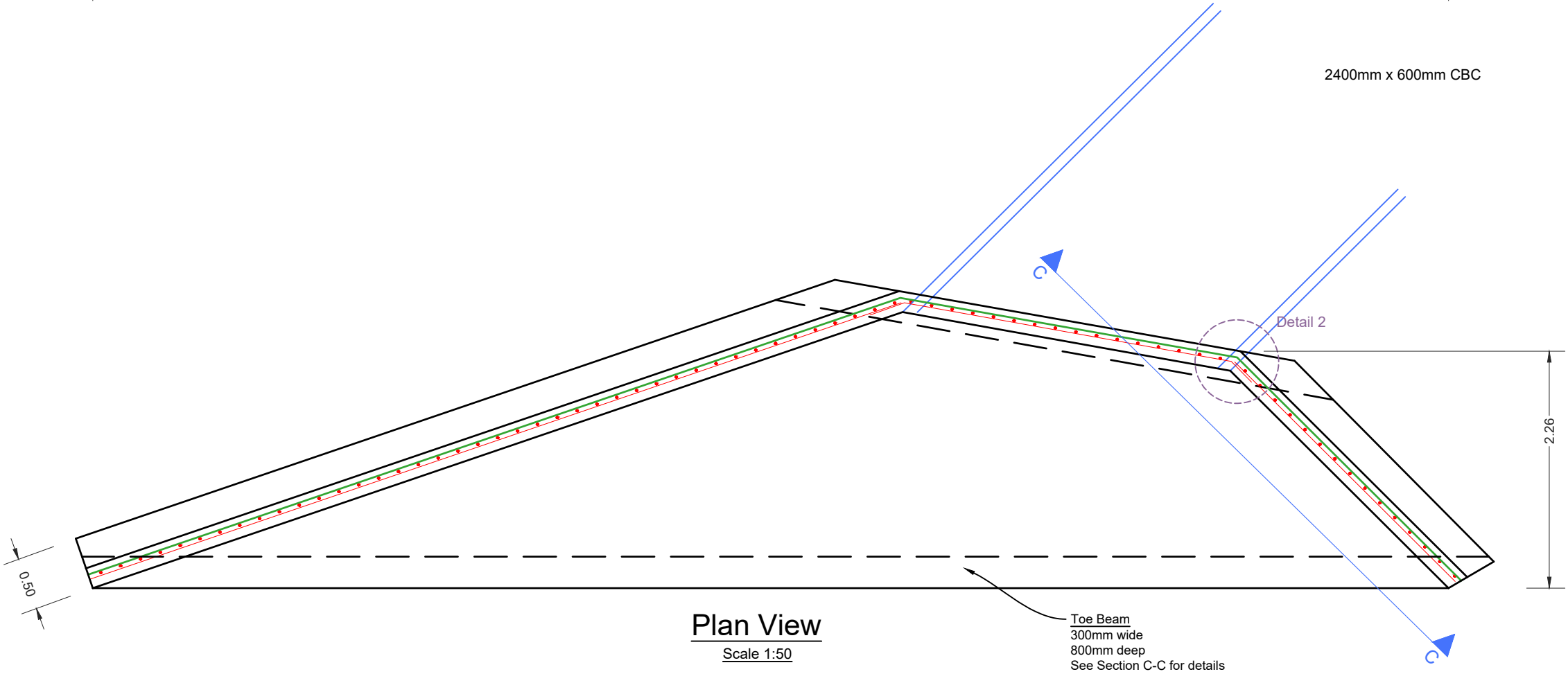
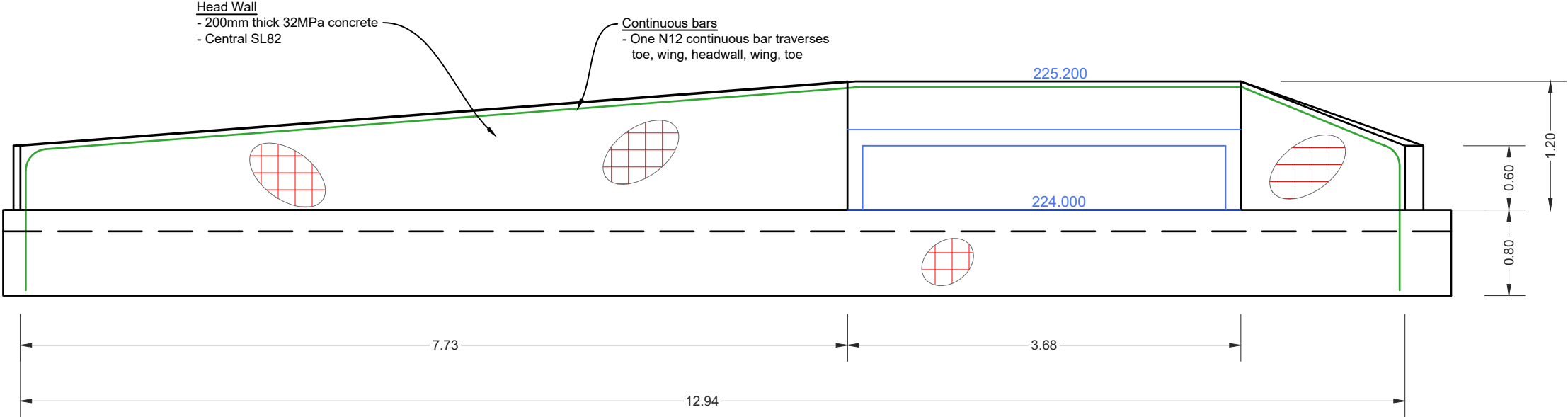
SHEET DETAILS		
CROSS SECTIONS		Sheet number: 32 of 38
		Plan Scale: AS SHOWN A3
		Plotted: 04/09/2024 By: Andrew Smith
SHEET REVISIONS AFTER TENDER		
Revision	Description	Approved by Date
-	-	-
-	-	-
-	-	-

**PRELIMINARY DESIGN
DRAFT 9**

HEAD AND WING DETAIL

Elevation View

Scale 1:50



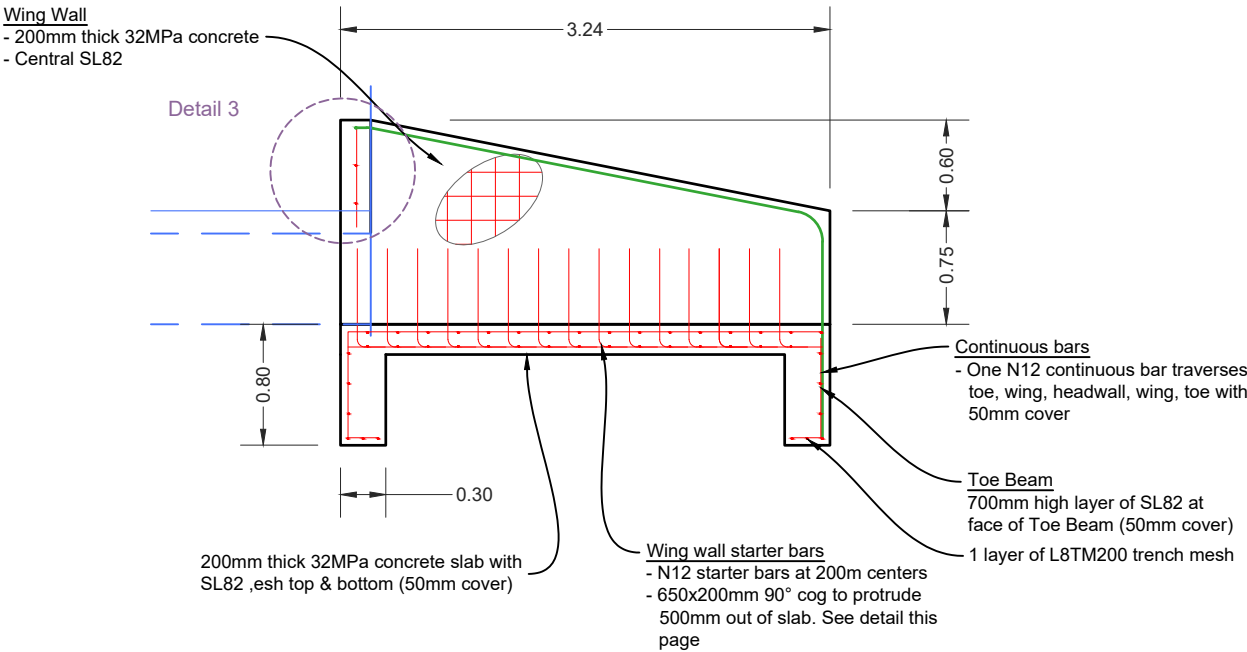
PROJECT DESIGN STATUS		
Surveyor:	360°	19/12/2023
Designer:	A. Smith	02/01/2024
Draft Checked:	x.xxx	xx/xx/23
Tender Approved:	N. SARTORI	xx/xx/23
PRELIMINARY DESIGN DRAFT 9		

PROJECT DETAILS	
Location:	Axe Creek Road
Suburb:	Axe Creek / Sedgwick
Works:	Blackspot upgrades
GB No:	GB5106

SHEET DETAILS			
HEAD & WING WALL DETAIL		Sheet number:	33 of 38
		Plan Scale:	AS SHOWN A3
		Plotted:	04/09/2024 By: Andrew Smith
SHEET REVISIONS AFTER TENDER			
Revision	Description	Approved by	Date
-	-	-	-
-	-	-	-
-	-	-	-

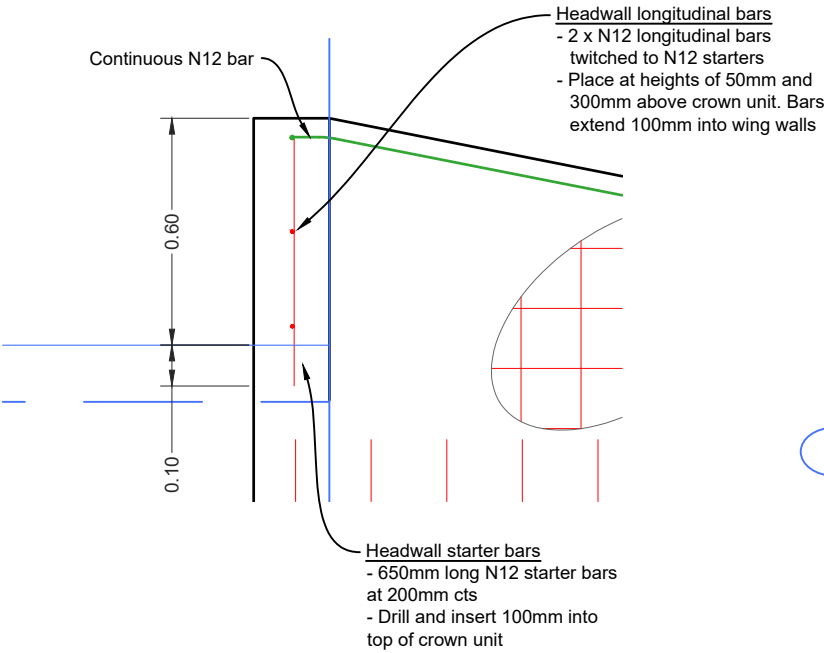
Section C-C

Scale 1:50



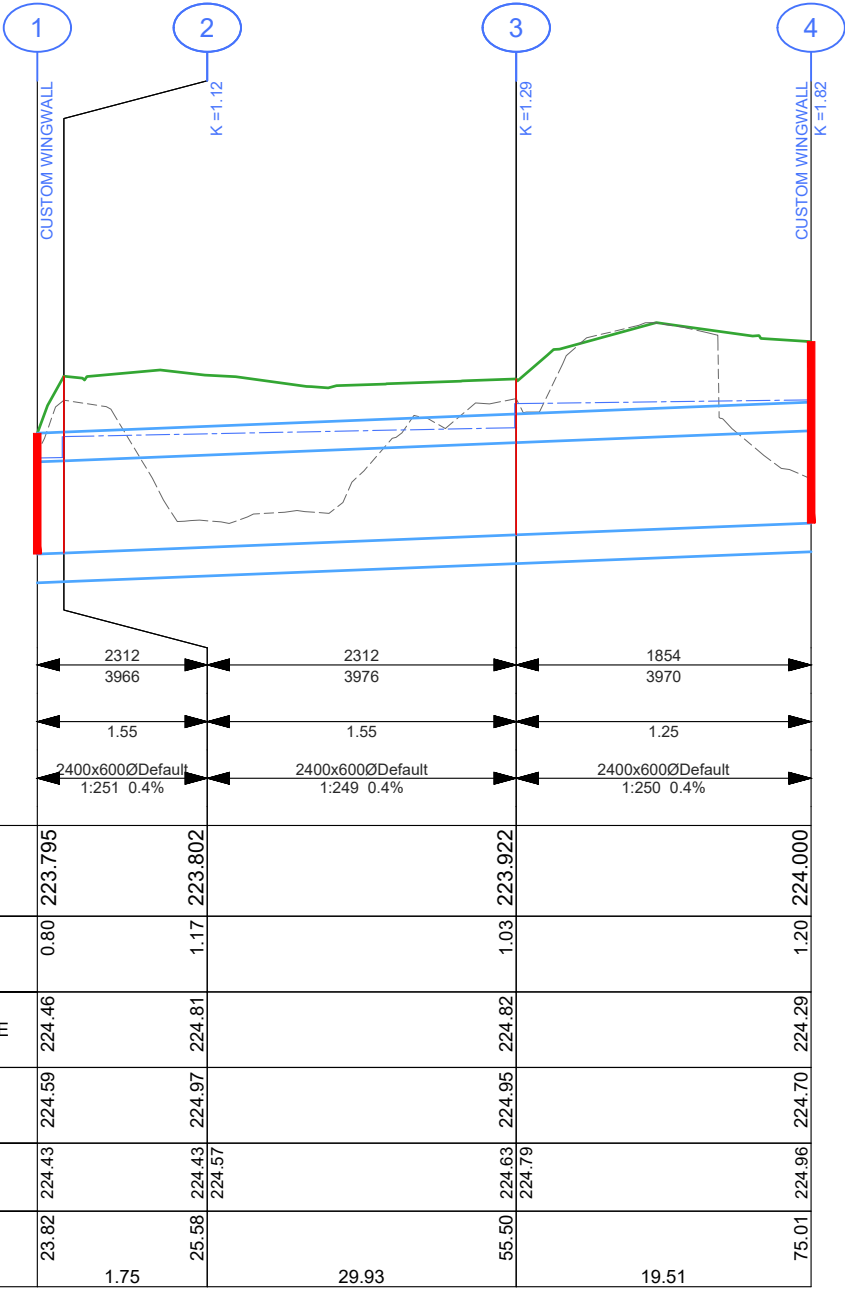
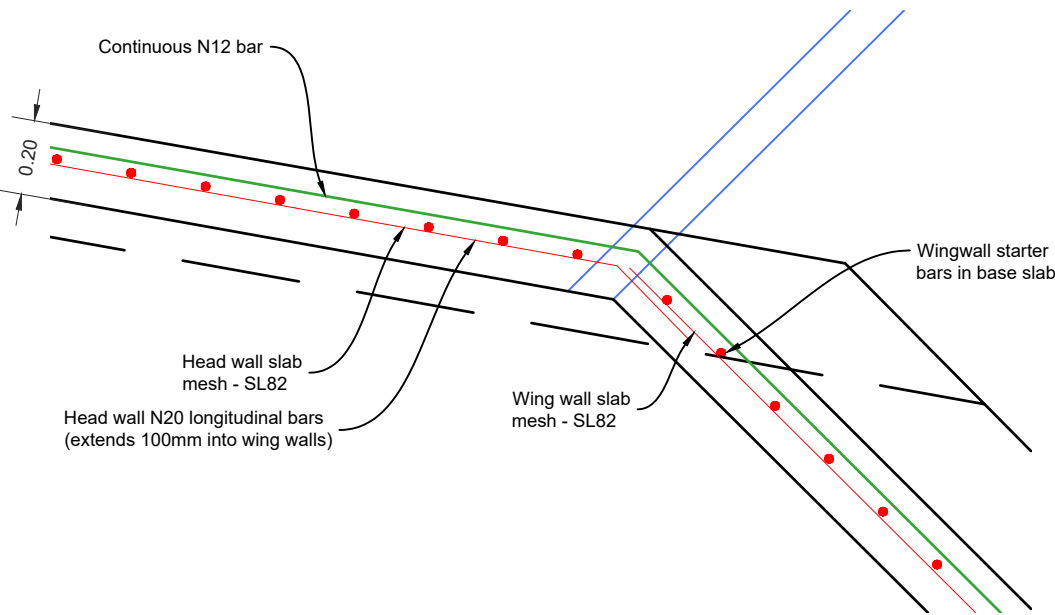
Detail 3

Scale 1:20



Detail 2

Scale 1:20



LEGEND

EXISTING PIPE TO REMAIN

DESIGN PIPE / PIT or ENDWALL

CoGB SD390 TRENCH BACKFILL (BEHIND KERB)

CoGB SD391 TRENCH BACKFILL (UNDER NEW ROAD)

CoGB SD392 TRENCH BACKFILL (UNDER EXISTING ROAD)



PROJECT DESIGN STATUS

Surveyor: 360° 19/12/2023

Designer: A. Smith 02/01/2024

Draft Checked: x.xxx xx/xx/23

Tender Approved: N. SARTORI xx/xx/23

**PRELIMINARY DESIGN
DRAFT 9**

PROJECT DETAILS

Location: Axe Creek Road

Suburb: Axe Creek / Sedgwick

Works: Blackspot upgrades

GB No: GB5106

SHEET DETAILS

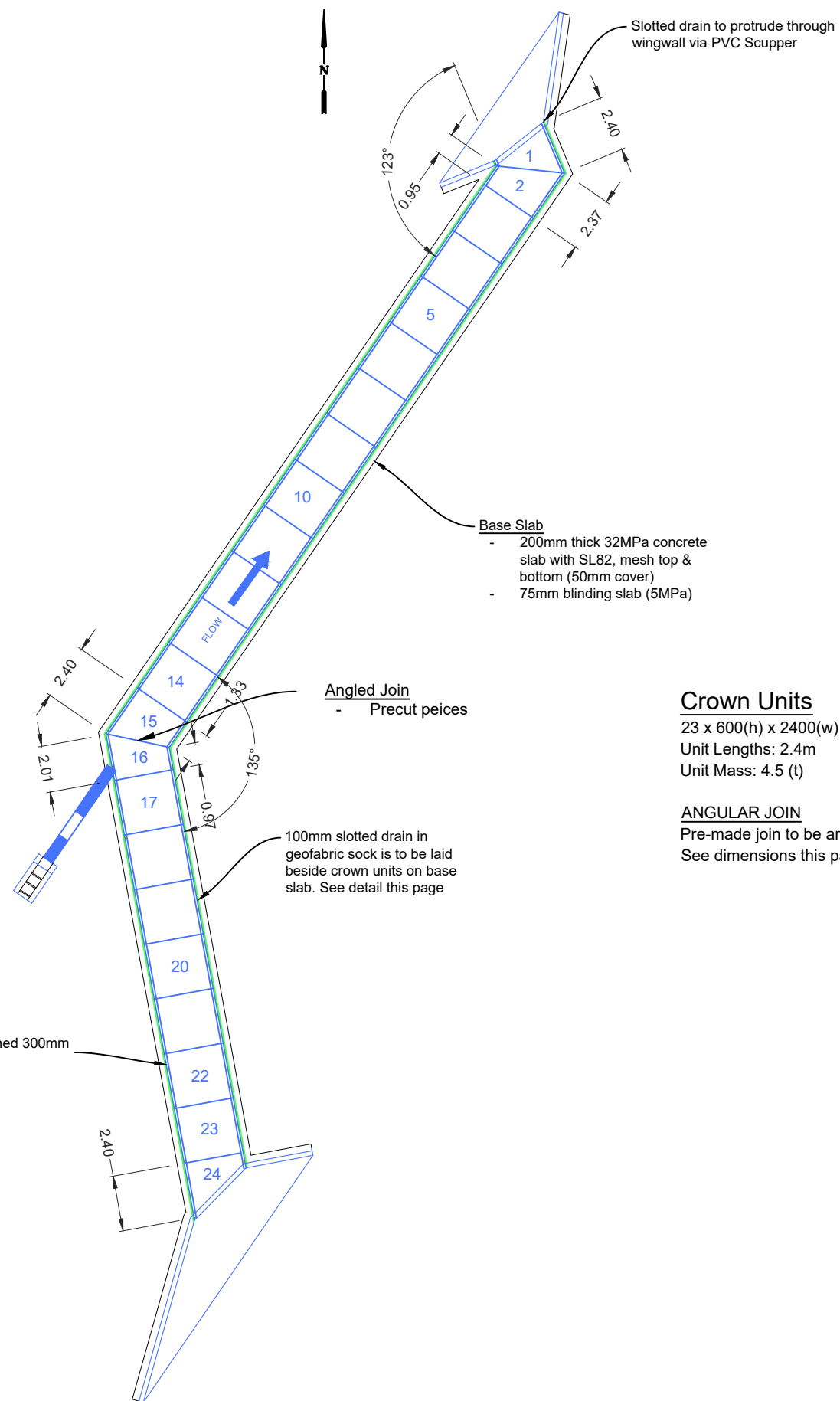
Sheet number: 34 of 38

Plan Scale: AS SHOWN A3

Plotted: 04/09/2024 By: Andrew Smith

SHEET REVISIONS AFTER TENDER

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



Base Slab

- 200mm thick 32MPa concrete slab with SL82, mesh top & bottom (50mm cover)
- 75mm blinding slab (5MPa)

Angled Join

- Precut peices

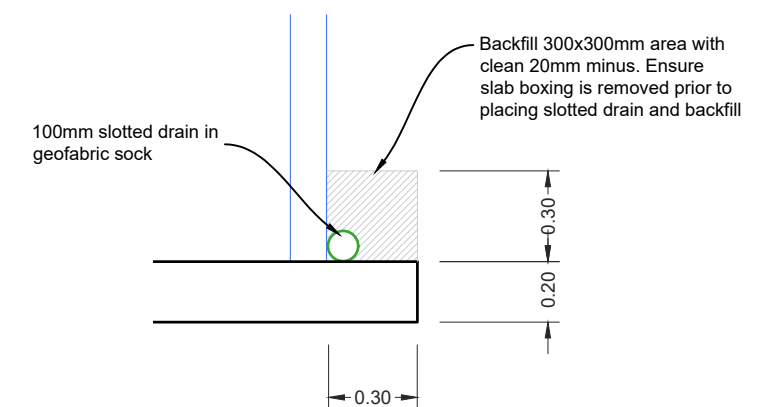
Crown Units

23 x 600(h) x 2400(w) x 2.4(L) Full Crown units
Unit Lengths: 2.4m
Unit Mass: 4.5 (t)

ANGULAR JOIN

Pre-made join to be arranged onsite.
See dimensions this page

SLOTTED DRAIN DETAIL



Crown units positioned 300mm off base slab edge



PROJECT DESIGN STATUS		
Surveyor:	360°	19/12/2023
Designer:	A. Smith	02/01/2024
Draft Checked:	x.xxx	xx/xx/23
Tender Approved:	N. SARTORI	xx/xx/23

PROJECT DETAILS	
Location:	Axe Creek Road
Suburb:	Axe Creek / Sedgwick
Works:	Blackspot upgrades
GB No:	GB5106

SHEET DETAILS	
CROWN UNIT ARRANGEMENT	
Sheet number:	35 of 38
Plan Scale:	1 : 250
Plotted:	04/09/2024 By: Andrew Smith
SHEET REVISIONS AFTER TENDER	
Revision	Description
-	-
-	-
-	-