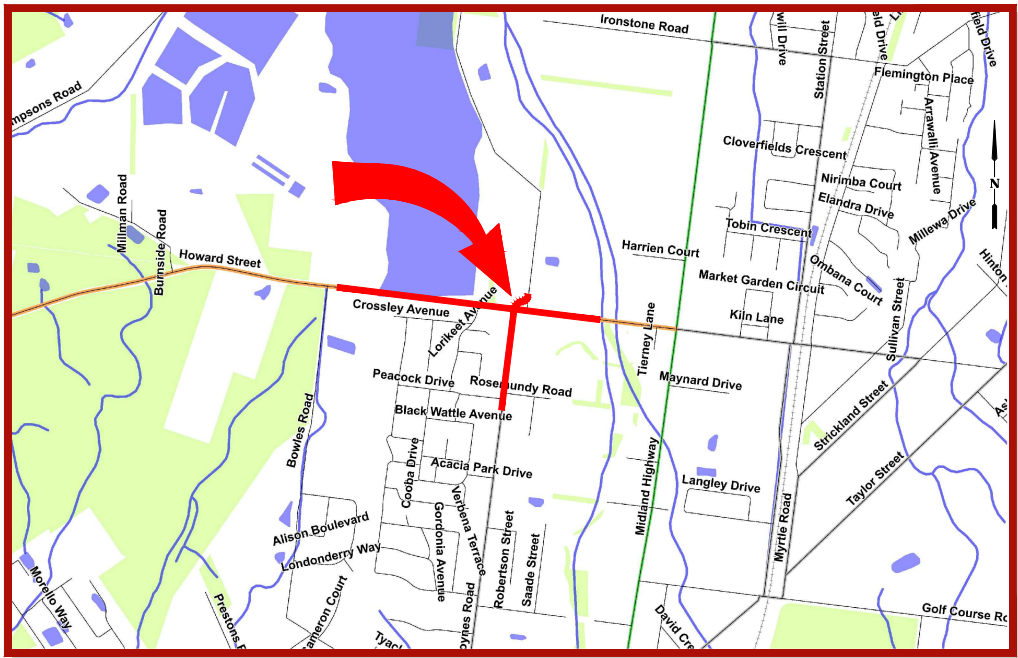
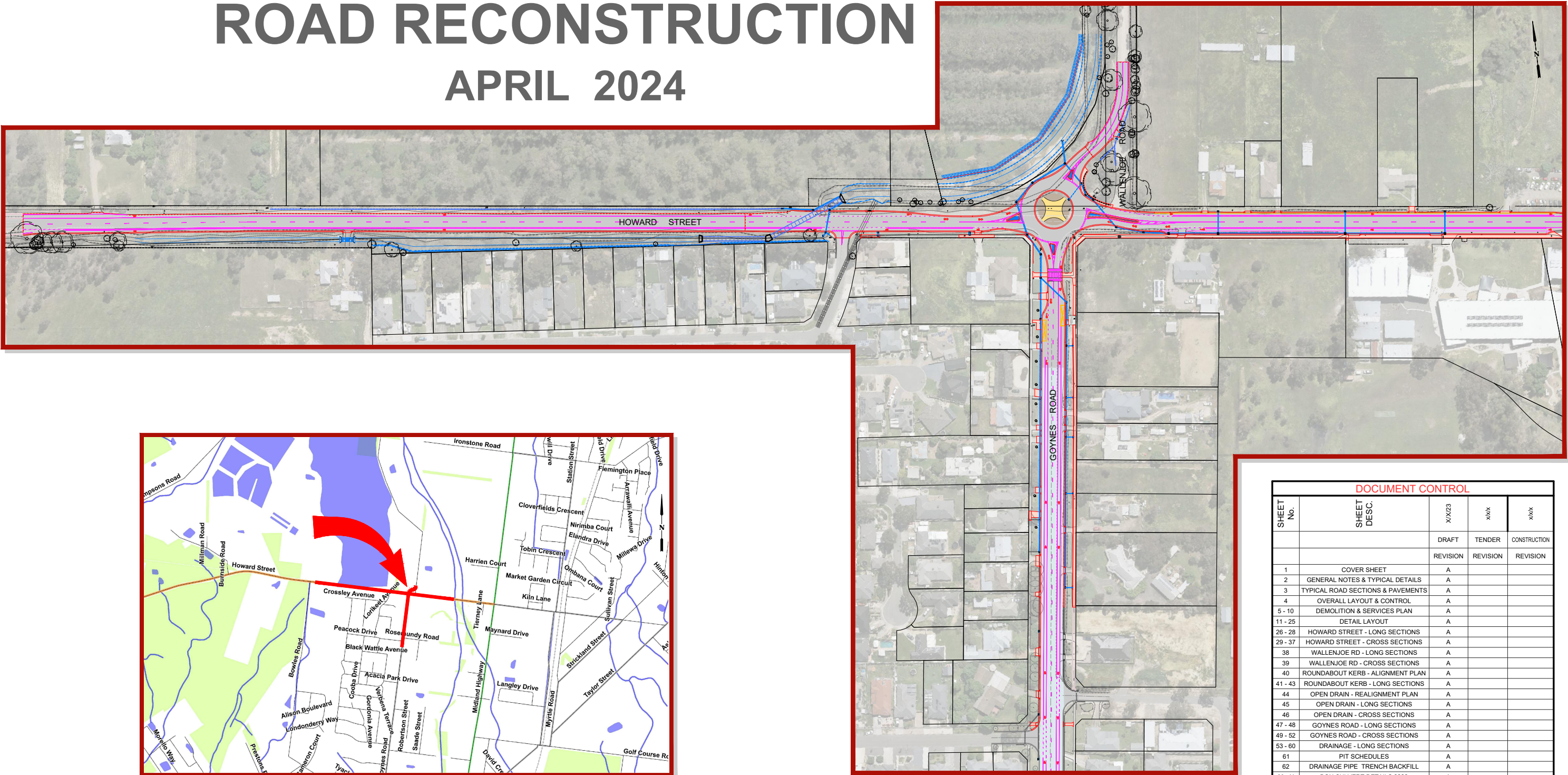


HOWARD STREET, EPSOM

GB5117

ROAD RECONSTRUCTION APRIL 2024



LOCALITY MAP

DOCUMENT CONTROL				
SHEET No.	SHEET DESC.	X1X23	xxx	xxx
		DRAFT	TENDER	CONSTRUCTION
		REVISION	REVISION	REVISION
1	COVER SHEET	A		
2	GENERAL NOTES & TYPICAL DETAILS	A		
3	TYPICAL ROAD SECTIONS & PAVEMENTS	A		
4	OVERALL LAYOUT & CONTROL	A		
5 - 10	DEMOLITION & SERVICES PLAN	A		
11 - 25	DETAIL LAYOUT	A		
26 - 28	HOWARD STREET - LONG SECTIONS	A		
29 - 37	HOWARD STREET - CROSS SECTIONS	A		
38	WALLENJOE RD - LONG SECTIONS	A		
39	WALLENJOE RD - CROSS SECTIONS	A		
40	ROUNDABOUT KERB - ALIGNMENT PLAN	A		
41 - 43	ROUNDABOUT KERB - LONG SECTIONS	A		
44	OPEN DRAIN - REALIGNMENT PLAN	A		
45	OPEN DRAIN - LONG SECTIONS	A		
46	OPEN DRAIN - CROSS SECTIONS	A		
47 - 48	GOYNES ROAD - LONG SECTIONS	A		
49 - 52	GOYNES ROAD - CROSS SECTIONS	A		
53 - 60	DRAINAGE - LONG SECTIONS	A		
61	PIT SCHEDULES	A		
62	DRAINAGE PIPE TRENCH BACKFILL	A		
63 - X	BOX CULVERT DETAILS ???? ?	A		
X-X	SETOUT	A		

PROJECT PLANNING REQUIREMENTS				PROJECT DESIGN STATUS			PROJECT TITLE		SHEET DETAILS			
Item	Required	Approved	Comments	Surveyor	H. WHYTOCK	JAN. 2023	Location: Suburb: Works: Reference:	HOWARD STREET EPSOM ROAD RECONSTRUCTION GB5117	COVER SHEET	Sheet:	1 OF 69	
Vegetation	Yes	No	Vegetation assessment report required	Designer	L. OLIVER	APR. 2023				Scale:	-	A3
DTP - VicRoads	No	No	-	Draft Checked	A. SMITH	xx/xx/23				Plot Date:	02/04/2024	By: Leigh Oliver
CMA	No	No	-	Tender Approved	N. SARTORI	xx/xx/23						
Planning Permit	Yes	No	For purpose of vegetation removal	CONCEPT 6.0 PLAN FOR GENERAL COMMENT						AMENDMENTS		
Land Acquisition	Yes	No	Coliban Parcel / 91 Howard St				Revision	Description	Approved by	Date		
CHMP	No	No	-				-	-	-	-		
LUAA	No	No	-				-	-	-	-		



CITY OF GREATER
BENDIGO

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.

Sections of the DTP/Vicroads 200-700 series of standard specifications which are of particular relevance for this project include:

201 Site Clearing
204 Earthworks
205 Rock Fill

304 Unbound Flexible Pavement Construction

310 Preparation of Granular Pavements for Bituminous Surfacing

402 Removal of Pavement by Cold Planing (profiling)
407 Dense Graded Asphalt
408 Sprayed Bituminous Surfacings

701 Underground Stormwater Drains

703 General Concrete Paving

705 Drainage Pits and Covers

706 Installation or Replacement of Utility Infrastructure within Road Reserves

714 Sign Installation

721 Pavement Markings

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.

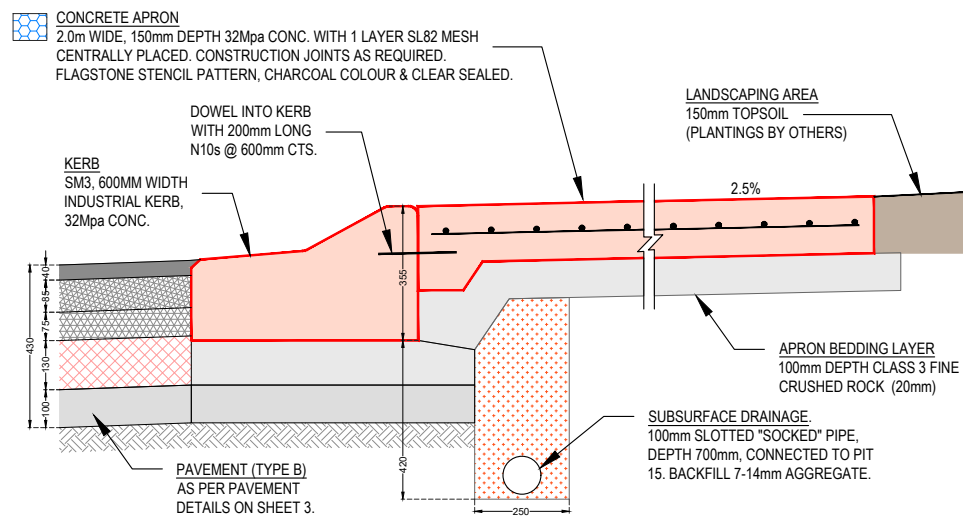
1. Project permits and approvals which were required to be obtained prior to construction are listed in the below table
2. Construction activities must be compliant with all conditions within the listed permits and approvals.

PROJECT PLANNING REQUIREMENTS			
Item	Required	Approved	Comments
Vegetation	Yes	No	Vegetation assessment report required
DTP - VicRoads	No	No	-
CMA	No	No	-
Planning Permit	Yes	No	For purpose of vegetation removal
Land Acquisition	Yes	No	Coliban Parcel / 91 Howard St
CHMP	No	No	-
LUAA	No	No	-

- 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

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.

NOT TO SCALE



NOT TO SCALE

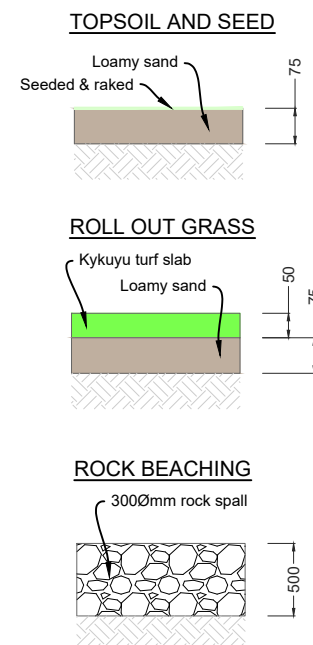


Diagram illustrating the dimensions of a kerb profile. The profile is 600mm wide and 220mm high. The top edge has a 110mm flat section, a 190mm sloped section, and a 300mm flat section. The total width is 600mm. The height is 220mm. A blue arrow points to the top edge with the text "Setout is to back of kerb".

Diagram of a kerb profile with dimensions:

- Top width segments: 110, 190, 300
- Left height: 315
- Right height: 40
- Bottom width: 600
- Note: "Setout is to back of kerb" with an arrow pointing to the 110 segment.

Diagram of a kerb profile with dimensions:

- Top left corner radius: 100
- Top horizontal section length: 450
- Left vertical section height: 300
- Right vertical section height: 195
- Total width: 600
- Annotation: Setout is to back of kerb (pointing to the top left corner)

Notes

1. Industrial Kerbs 80mm additional depth, 32Mpa Conc.
2. Transition SM2 kerbS to barrier kerbs over 1.5m.



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.



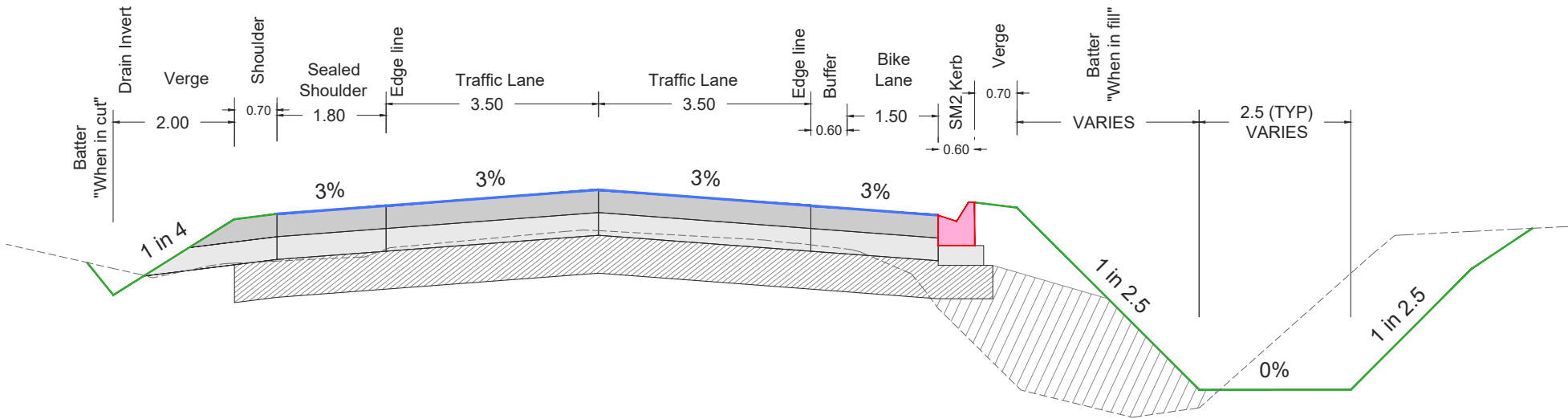
PROJECT DESIGN STATUS		
Surveyor	H. WHYTOCK	JAN. 2023
Designer	L. OLIVER	APR. 2023
Draft Checked	A. SMITH	xx/xx/23
Tender Approved	N. SARTORI	xx/xx/23

CONCEPT 6.0 PLAN FOR GENERAL COMMENT

	PROJECT TITLE
Location:	HOWARD STREET
Suburb:	EPSOM
Works:	ROAD RECONSTRUCTION
Reference:	GB5117

SHEET DETAILS			
GENERAL NOTES & TYPICAL DETAILS		Sheet: 2 OF 69	
		Scale: -	A3
		Plot Date:02/04/2024 By:Leigh Oliver	
AMENDMENTS			
Revision	Description	Approved by	Date
-	-	-	-
-	-	-	-
-	-	-	-

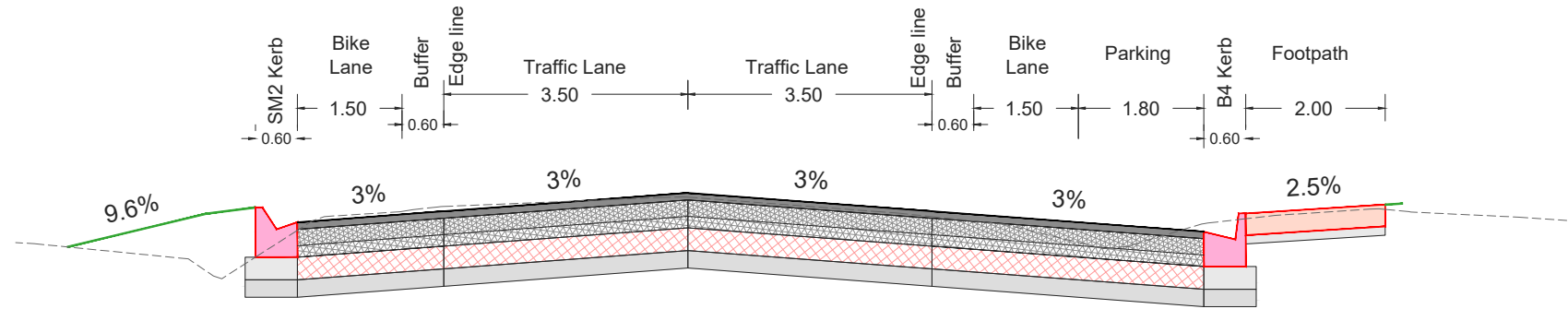
TYPICAL ROAD SECTION - PAVEMENT - TYPE A (Howard Street - Rural Profile)



PAVEMENT - TYPE A (Howard Street - Rural Profile)			
KEY	LAYER	DEPTH	THICKNESS
	Wearing	14/7	2 Coat Spray Seal, Size 14mm & Size 7mm, C170 Binder
	Base	150mm	CL1 FCR 20mm compacted to 100%MMDD at 85%OMC +/- 1%
	Sub Base	150mm	CL3 FCR 20mm compacted to 98%MMDD at 85%OMC +/- 1%
	Stabilisation	250mm	Existing granular materials: Refer: *A Insitu Stabilisation Notes
	Subgrade		Existing subgrade as found (CBR >4)

SELECT FILL:
Approved fill material AND/OR existing profiled road pavement material with a min. CBR 6.
Fill material to be free of topsoil & vegetative matter.
Where depth of fill is to be less than 200mm, the existing pavement to a depth of 200mm below stabilised layer, then compact to 95%SMDD.

TYPICAL ROAD SECTION - PAVEMENT - TYPE B (Howard Street - Urban Profile)

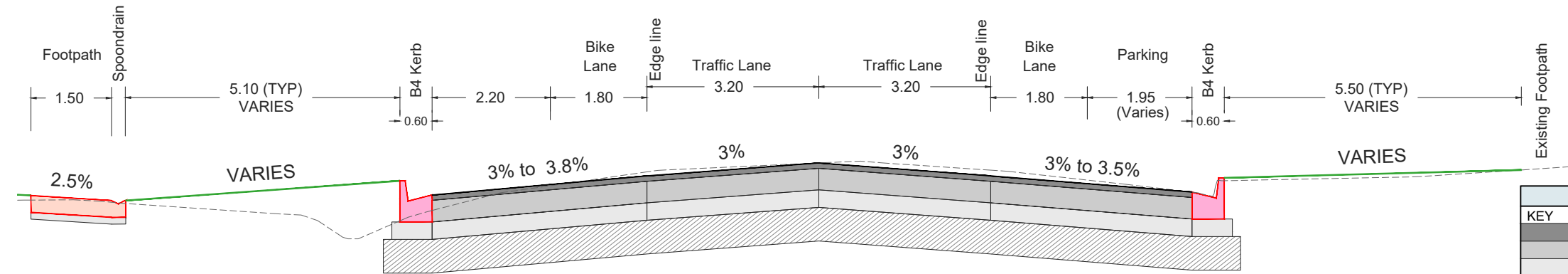


- *A Insitu Stabilisation Notes
- Pulverise (using a profiler machine) existing seal & pavement over specified depth.
 - Spread material to 50mm below design subgrade formation and top up with 50mm depth "Minimal Fines" Crushed Rock Size 20mm prior to insitu stabilisation.
 - Insitu stabilise using Triple blend GB cement / Slag / Lime, (20/60/20 15kg/m2) Compact to 97% MMDD +/-3% of OMC.
- *C Insitu Stabilisation Notes (Goynes Road Pavement)
- Profile existing pavement, salvage areas of quality FCR and reuse as a top up layer prior to stabilising.
 - Prepare subgrade levels to 50mm below design subgrade formation and top up with 50mm depth existing quality FCR (from step 1) prior to insitu stabilisation.
 - Insitu stabilise using Triple blend GB cement / Slag / Lime, (30/40/30 15kg/m2) Compact to 97% MMDD +/-3% of OMC.

PAVEMENT - TYPE B (Howard Street - Urban Profile)			
KEY	LAYER	DEPTH	THICKNESS
	Wearing	40mm	Type H Asphalt, Size 14mm, C320 Binder.
	Intermediate	85mm	Type SI Asphalt, Size 20mm, C320 Binder.
	Base	75mm	Type SF Asphalt, Size 20mm, C320 Binder.
	Stabilised	130mm	3% CTCR CL3 compacted to 97%MMDD
	Sub Base	100mm	CL3 FCR Size 40mm compacted to 95%MMDD (*SB)
	Subgrade		Existing subgrade as found (CBR >4)

*SB Alternate Option: 250mm depth insitu stabilisation using Triple blend GB cement / Slag / Lime, (30/40/30 15kg/m2)

TYPICAL ROAD SECTION - PAVEMENT - TYPE C (Goynes Road)



PAVEMENT - TYPE C (Goynes Road)			
KEY	LAYER	DEPTH	THICKNESS
	Wearing	40mm	Type H Asphalt, Size 10mm, C320 Binder.
	Base	160mm	CL1 FCR 20mm compacted to 100%MMDD at 85%OMC +/- 1%
	Sub Base	130mm	CL3 FCR 20mm compacted to 98%MMDD at 85%OMC +/- 1%
	Stabilisation	250mm	Existing Subgrade material, Refer: *C Insitu Stabilisation Notes
	Subgrade		Existing subgrade as found (CBR >4)

580mm



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

IMPORTANT!
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CITY OF GREATER BENDIGO

PROJECT DESIGN STATUS

Surveyor	H. WHYTOK	JAN. 2023
Designer	L. OLIVER	APR. 2023
Draft Checked	A. SMITH	xx/xx/23
Tender Approved	N. SARTORI	xx/xx/23

CONCEPT 6.0 PLAN FOR GENERAL COMMENT

PROJECT TITLE

HOWARD STREET EPSOM

ROAD RECONSTRUCTION GB5117

Location: HOWARD STREET

Suburb: EPSOM

Works: ROAD RECONSTRUCTION

Reference: GB5117

SHEET DETAILS

TYPICAL ROAD SECTIONS & PAVEMENTS

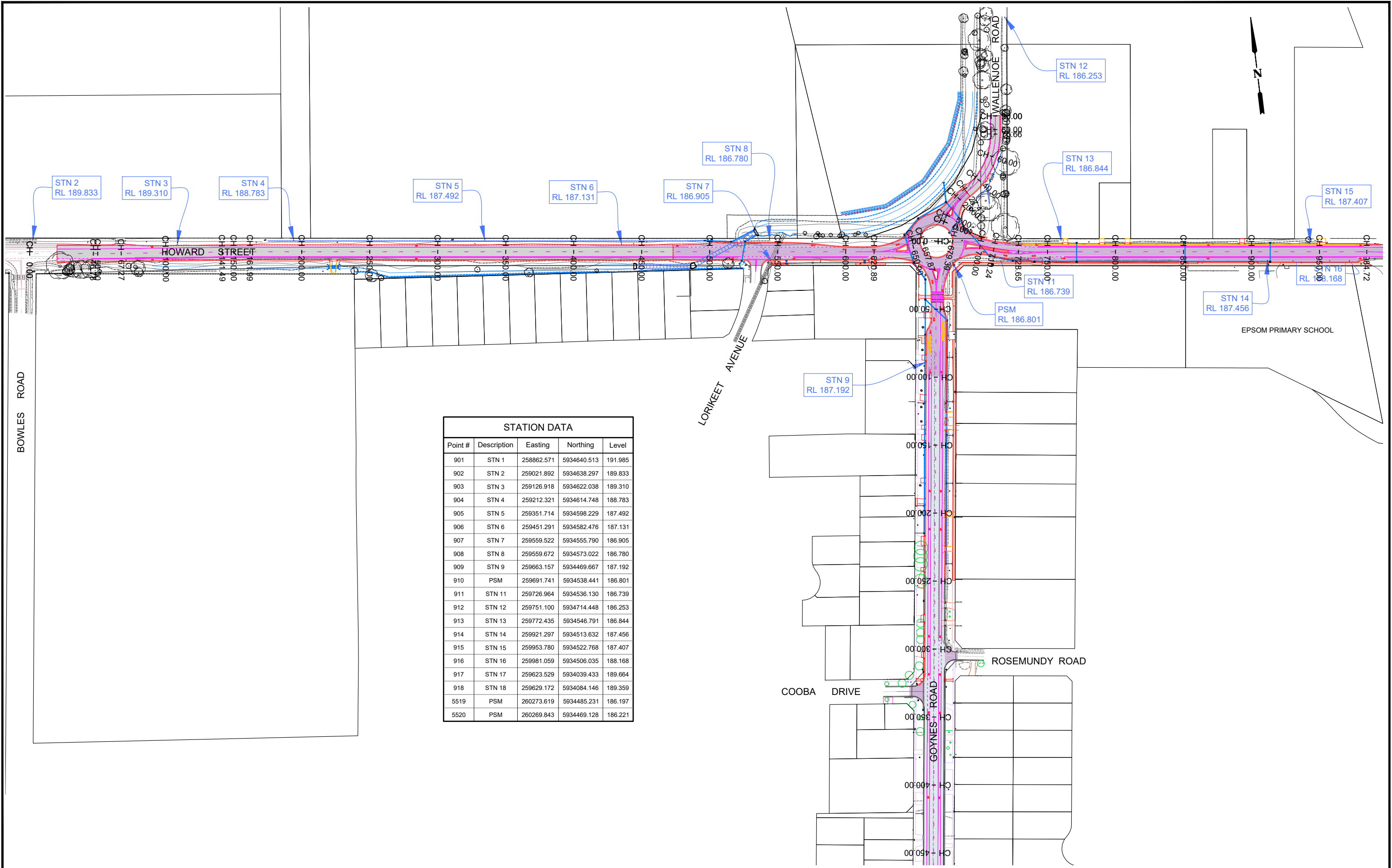
Sheet: 3 OF 69

Scale: - A3

Plot Date: 02/04/2024 By: Leigh Oliver

AMENDMENTS

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



STATION DATA				
Point #	Description	Easting	Northing	Level
901	STN 1	258862.571	5934640.513	191.985
902	STN 2	259021.892	5934638.297	189.833
903	STN 3	259126.918	5934622.038	189.310
904	STN 4	259212.321	5934614.748	188.783
905	STN 5	259351.714	5934598.229	187.492
906	STN 6	259451.291	5934582.476	187.131
907	STN 7	259559.522	5934555.790	186.905
908	STN 8	259559.672	5934573.022	186.780
909	STN 9	259663.157	5934469.667	187.192
910	PSM	259691.741	5934538.441	186.801
911	STN 11	259726.964	5934536.130	186.739
912	STN 12	259751.100	5934714.448	186.253
913	STN 13	259772.435	5934546.791	186.844
914	STN 14	259921.297	5934513.632	187.456
915	STN 15	259953.780	5934522.768	187.407
916	STN 16	259981.059	5934506.035	188.168
917	STN 17	259623.529	5934039.433	189.664
918	STN 18	259629.172	5934084.146	189.359
5519	PSM	260273.619	5934485.231	186.197
5520	PSM	260269.843	5934469.128	186.221



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CONCEPT 6.0 PLAN
FOR GENERAL COMMENT

PROJECT TITLE

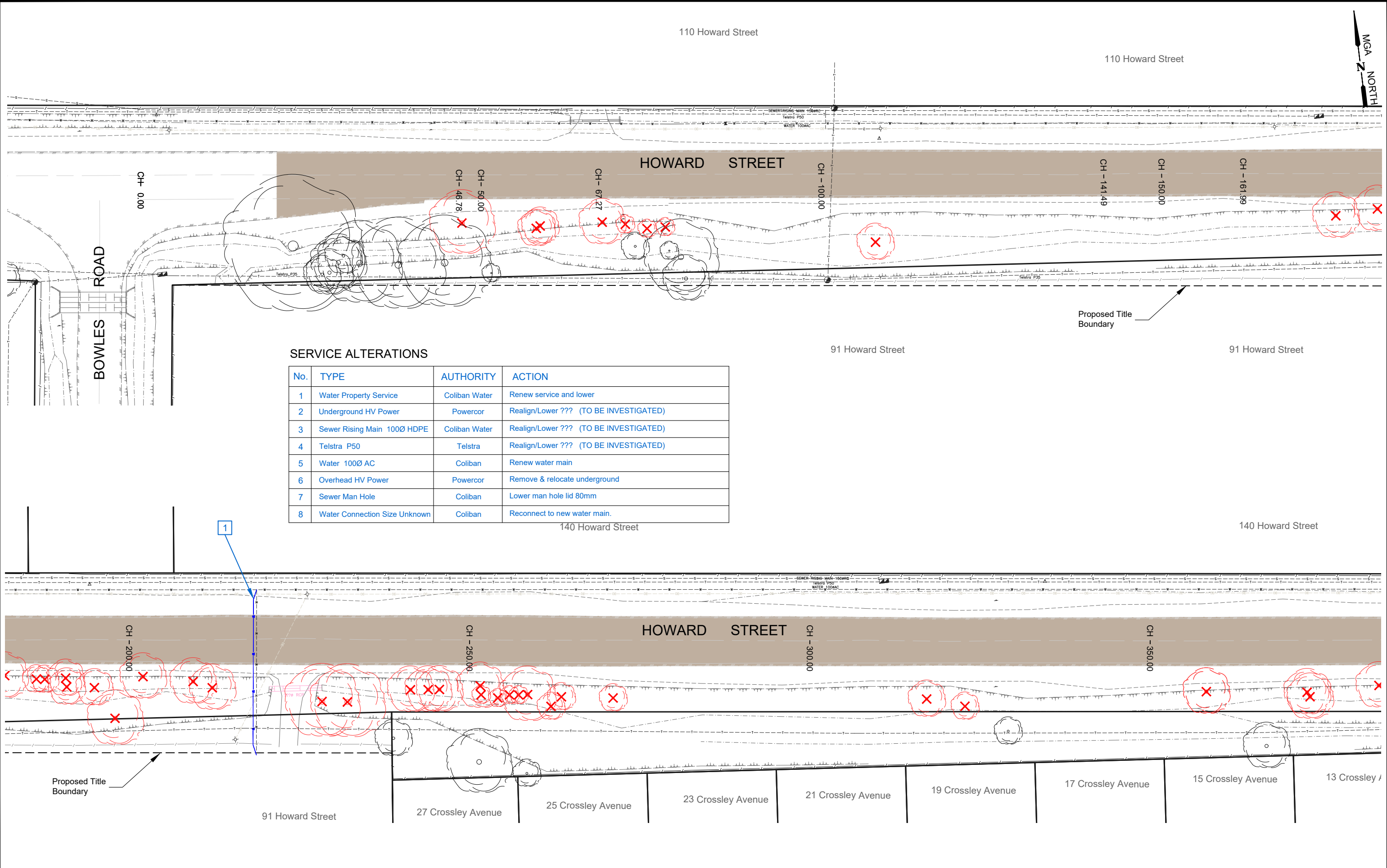
Location: HOWARD STREET
Suburb: EPSOM
Works: ROAD RECONSTRUCTION
Reference: GB5117

SHEET DETAILS

OVERALL LAYOUT & CONTROL

Sheet: 4 OF 69
Scale: - A3
Plot Date: 02/04/2024 By: Leigh Oliver

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



SERVICE ALTERATIONS

No.	TYPE	AUTHORITY	ACTION
1	Water Property Service	Coliban Water	Renew service and lower
2	Underground HV Power	Powercor	Realign/Lower ??? (TO BE INVESTIGATED)
3	Sewer Rising Main 1000Ø HDPE	Coliban Water	Realign/Lower ??? (TO BE INVESTIGATED)
4	Telstra P50	Telstra	Realign/Lower ??? (TO BE INVESTIGATED)
5	Water 1000Ø AC	Coliban	Renew water main
6	Overhead HV Power	Powercor	Remove & relocate underground
7	Sewer Man Hole	Coliban	Lower man hole lid 80mm
8	Water Connection Size Unknown	Coliban	Reconnect to new water main.

LEGEND

Removal: Road Pavement

Removal: Asphalt

Removal: Concrete Kerb

Removal: Concrete Paving

Removal: Linemarking

Removal: Sawcut

Removal: Pipe

Removal: Tree

CITY OF GREATER BENDIGO

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CONCEPT 6.0 PLAN
FOR GENERAL COMMENT

PROJECT TITLE

HOWARD STREET
EPSOM
ROAD RECONSTRUCTION
GB5117

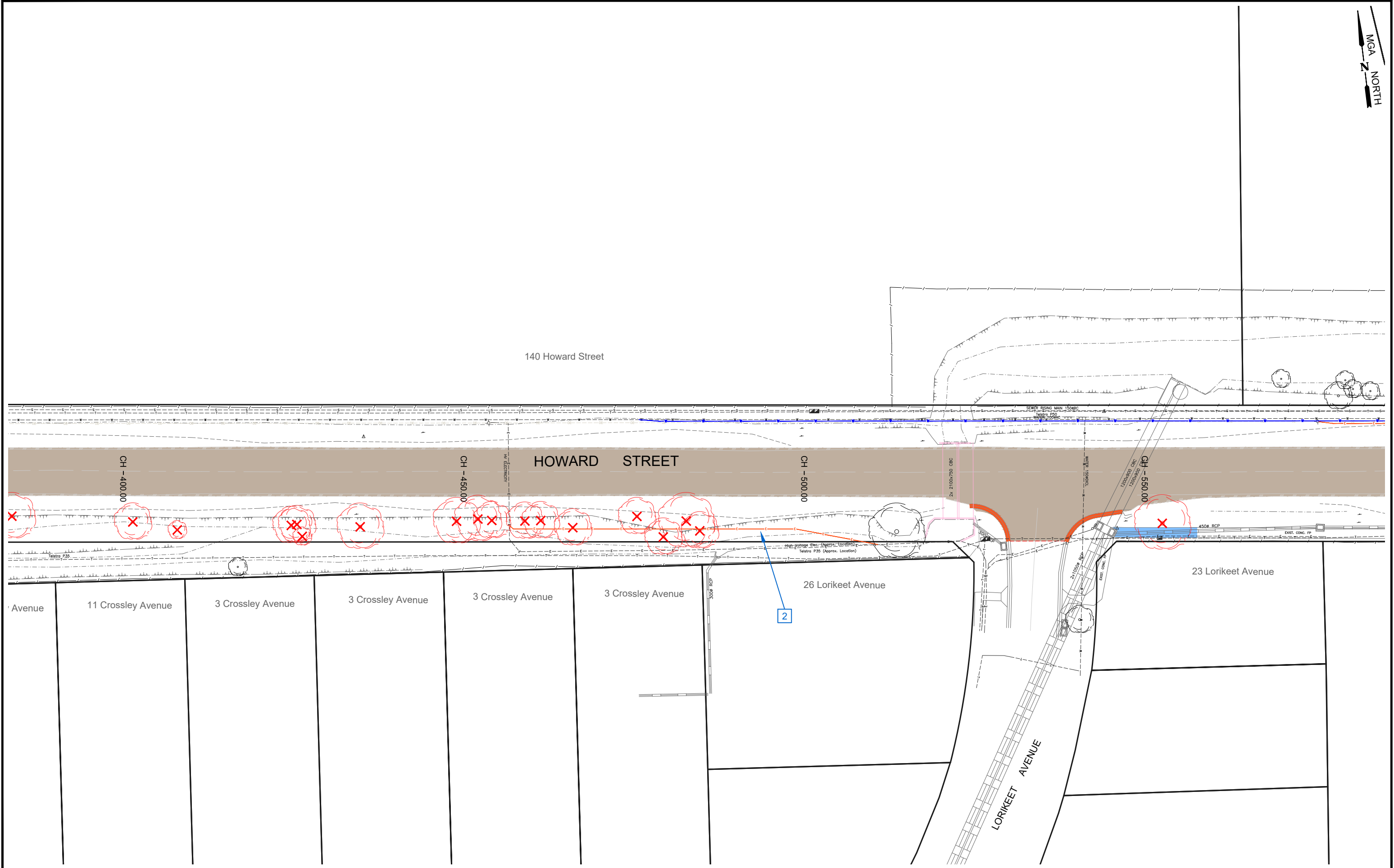
SHEET DETAILS

DEMOLITION & SERVICES PLAN

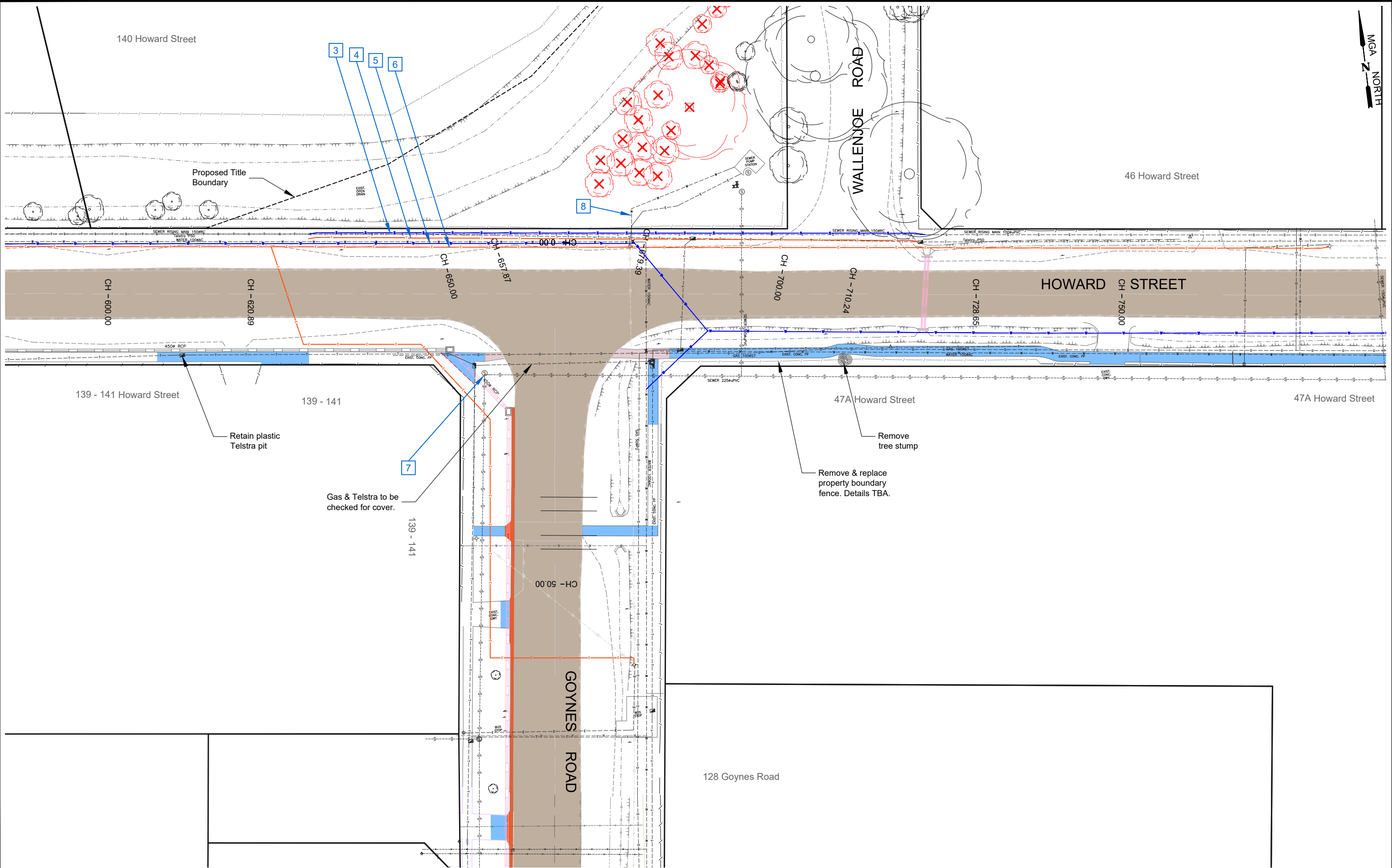
Sheet: 5 OF 69
Scale: 1:500
Plot Date: 02/04/2024 By: Leigh Oliver

AMENDMENTS

Revision	Description	Approved by	Date
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-	-	-	-



LEGEND				 CITY OF GREATER BENDIGO	PROJECT DESIGN STATUS			PROJECT TITLE			SHEET DETAILS																				
 Removal: Road Pavement	 Removal: Asphalt	 Removal: Linemarking	 Removal: Tree		Surveyor	H. WHYTOK	JAN. 2023	Location:	HOWARD STREET	Suburb:	EPSOM	Works:	ROAD RECONSTRUCTION	Reference:	GB5117	DEMOLITION & SERVICES PLAN	Sheet: 6 OF 69	A3	Plot Date:02/04/2024 By:Leigh Oliver												
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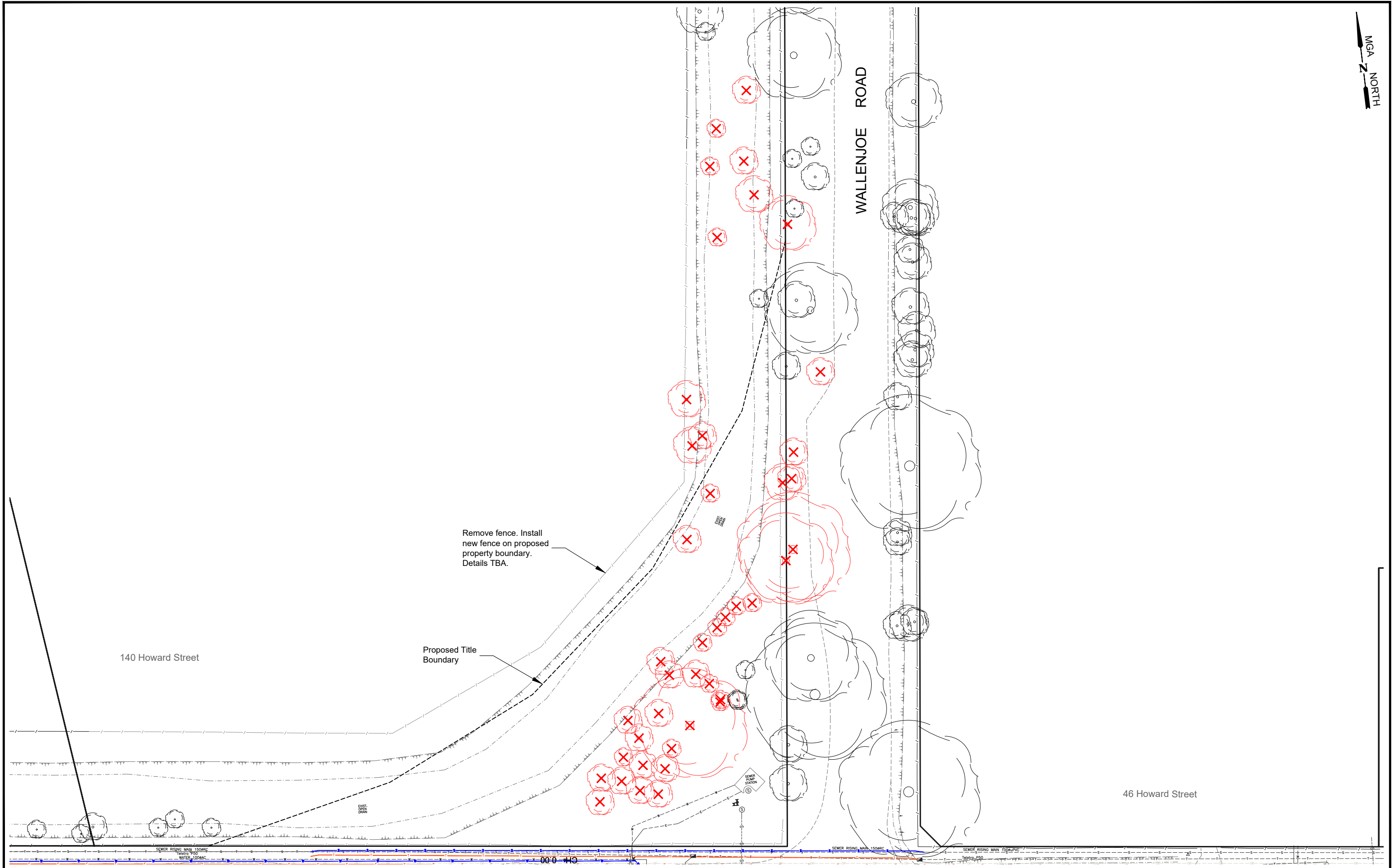
CITY OF GREATER BENDIGO

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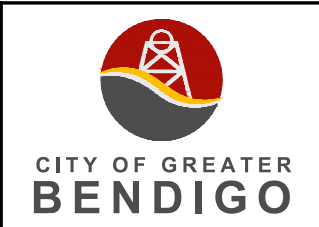
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SHEET DETAILS			
DEMOLITION & SERVICES PLAN		Sheet:	7 OF 69
		Scale:	1:500
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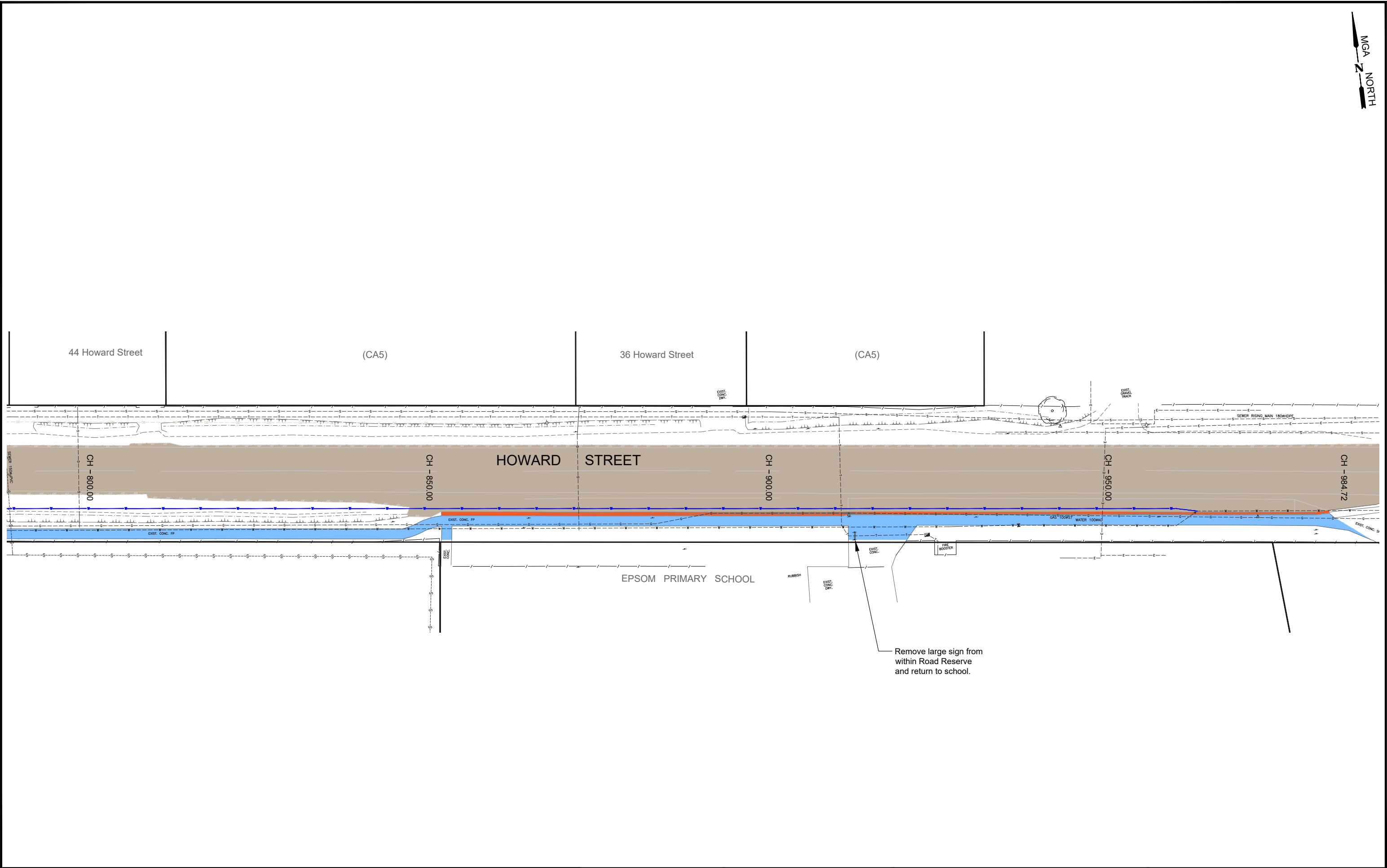


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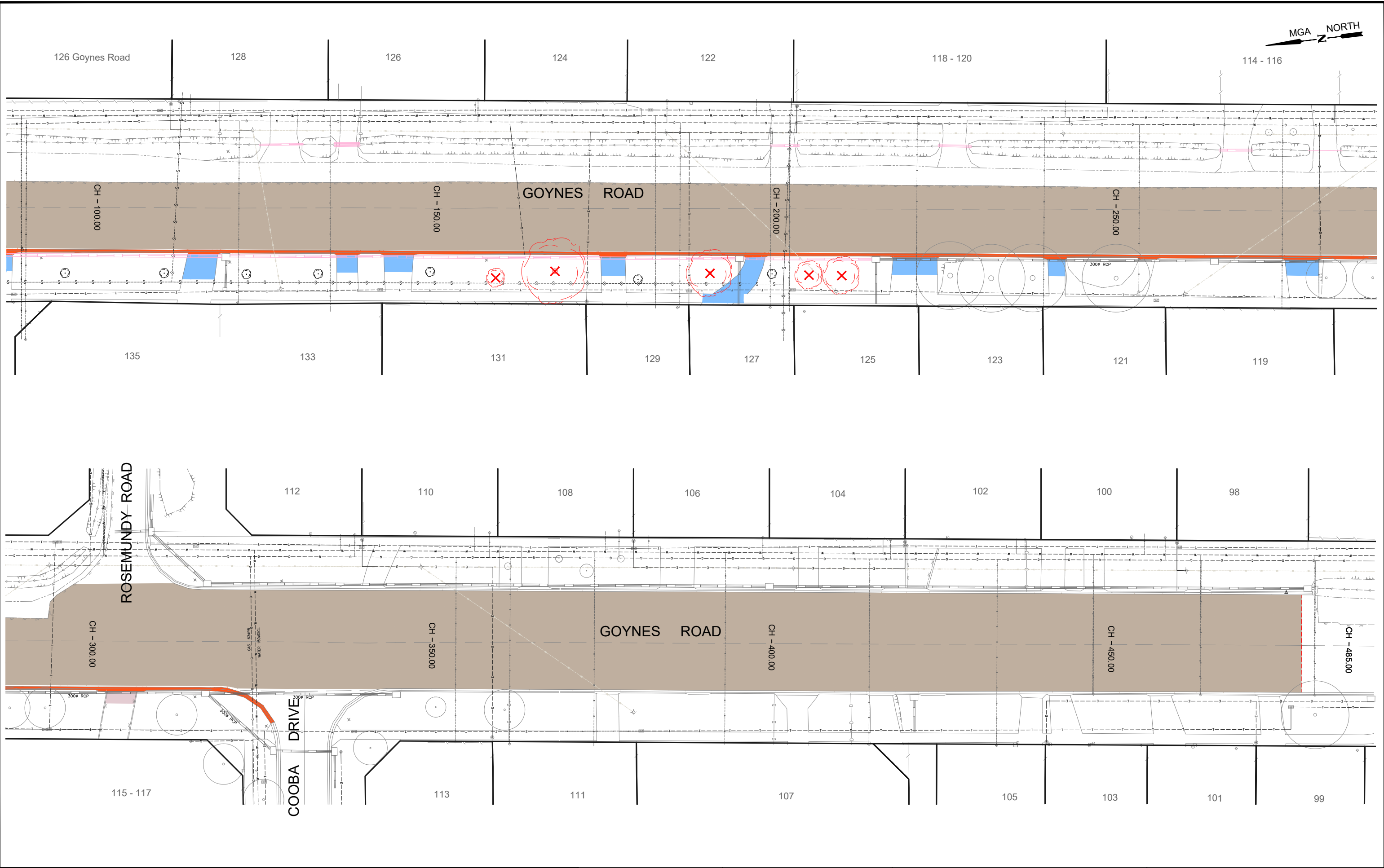
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DEMOLITION & SERVICES PLAN		Sheet:	8 OF 69
		Scale:	1:500
		Plot Date:	02/04/2024 By: Leigh Oliver
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PROJECT TITLE

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Suburb: EPSOM

Works: ROAD RECONSTRUCTION

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SHEET DETAILS

DEMOLITION & SERVICES PLAN

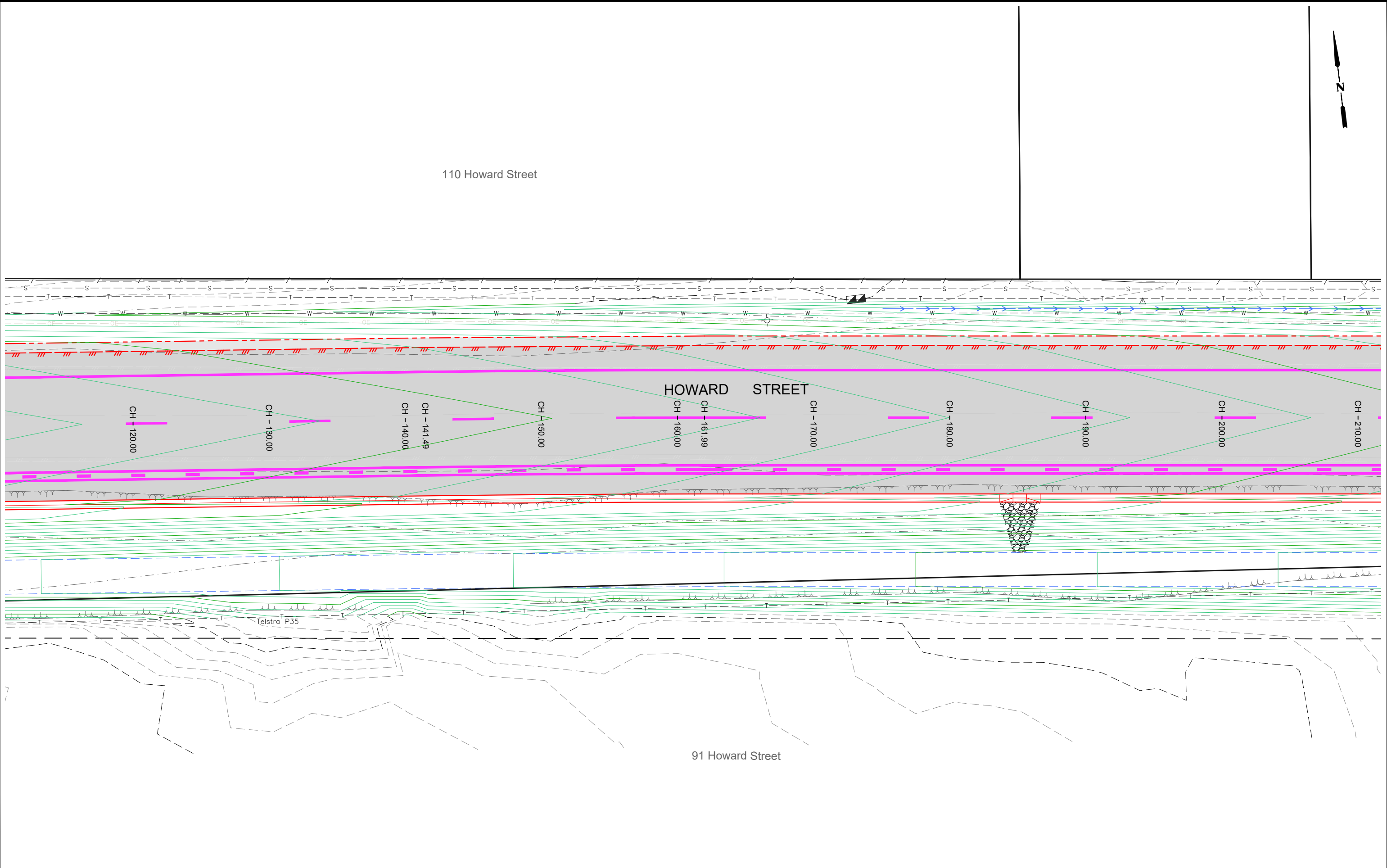
Sheet: 10 OF 69

Scale: 1:500

Plot Date: 02/04/2024 By: Leigh Oliver

AMENDMENTS

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



LEGEND

DESIGN CONTOURS
- Levels to AHD (0.10m interval)

EXISTING CONTOURS
- Levels to AHD (0.10m interval)

Proposed Street Tree
(Refer: Typical details pg 2)

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

Concrete Kerb area: Normal plain
Kerb as noted and as per: IDM SD100,
CoGB SD190,191,192

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

Concrete area: Stenciled island infill
150mm depth, 32Mpa, SL72 central.
Stencil: Cobble, charcoal, clear sealed

Concrete area: Stenciled apron.
150mm depth, 32Mpa, SL82 central.
Stencil: Flagstone, charcoal, clear sealed

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		
Surveyor	H. WHYTOK	JAN. 2023
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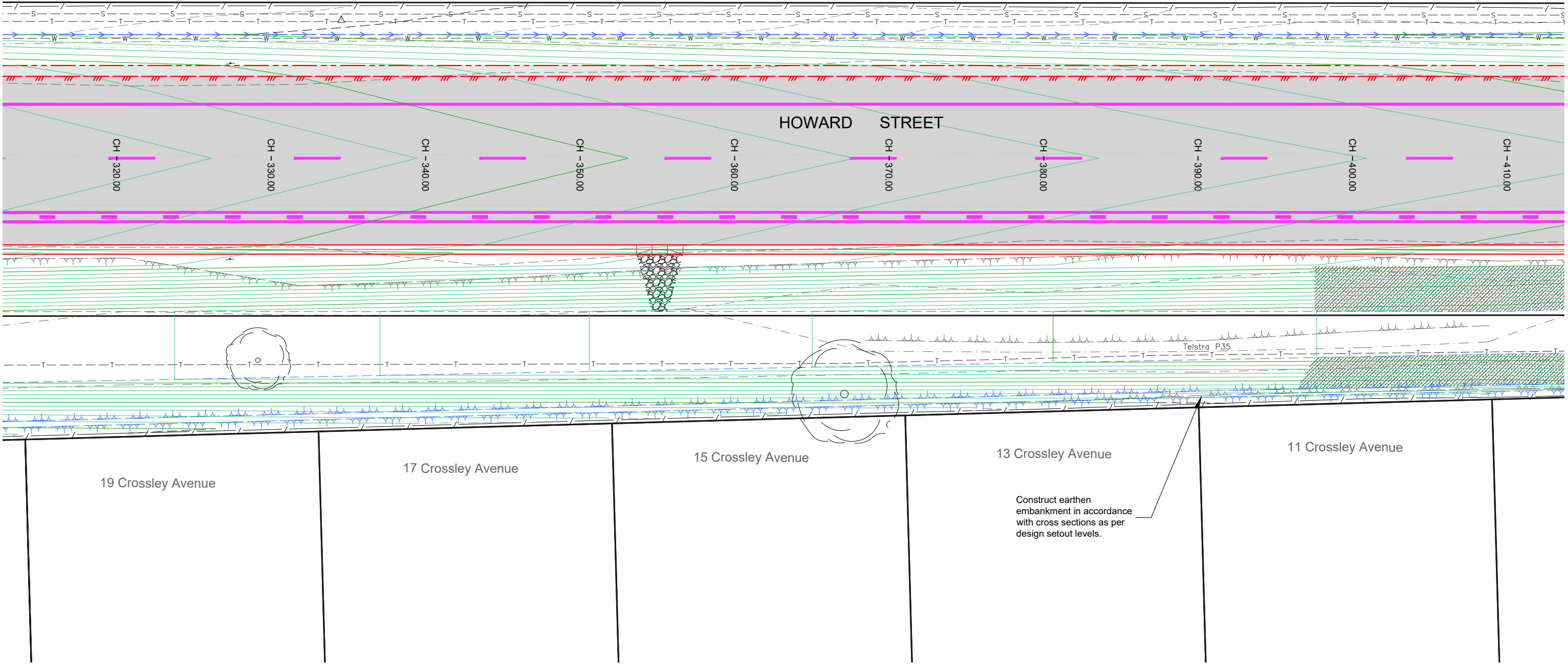
CONCEPT 6.0 PLAN
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Location:	HOWARD STREET
Suburb:	EPSOM
Works:	ROAD RECONSTRUCTION
Reference:	GB5117

SHEET DETAILS			
DETAIL LAYOUT		Sheet:	12 OF 69
		Scale:	1:250
Plot Date:02/04/2024 By:Leigh Oliver			
AMENDMENTS			
Revision	Description	Approved by	Date
-	-	-	-
-	-	-	-
-	-	-	-



140 Howard Street



LEGEND

- 

DESIGN CONTOURS
- Levels to AHD (0.10m interval)
- 

EXISTING CONTOURS
- Levels to AHD (0.10m interval)
- 

Proposed Street Tree
(Refer: Typical details pg 2)
- 

DESIGN PAVEMENT:
(Refer: Typical road pavement detail.)
- 

Concrete Kerb area: Normal plain
Kerb as noted and as per: IDM SD100,
CoGB SD190,191,192
- 

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

Concrete area: Stenciled island infill
150mm depth, 32Mpa, SL72 central.
Stencil: Cobble, charcoal, clear sealed
- 

Concrete area: Stenciled apron.
150mm depth, 32Mpa, SL82 central.
Stencil: Flagstone, charcoal, clear sealed
- 

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	H. WHYTECK	JAN. 2023
Designer	L. OLIVER	APR. 2023
Draft Checked	A. SMITH	xx/xx/23
Tender Approved	N. SARTORI	xx/xx/23

**CONCEPT 6.0 PLAN
FOR GENERAL COMMENT**

PROJECT TITLE

Location: **HOWARD STREET**
Suburb: **EPSOM**
Works: **ROAD RECONSTRUCTION**
Reference: **GB5117**

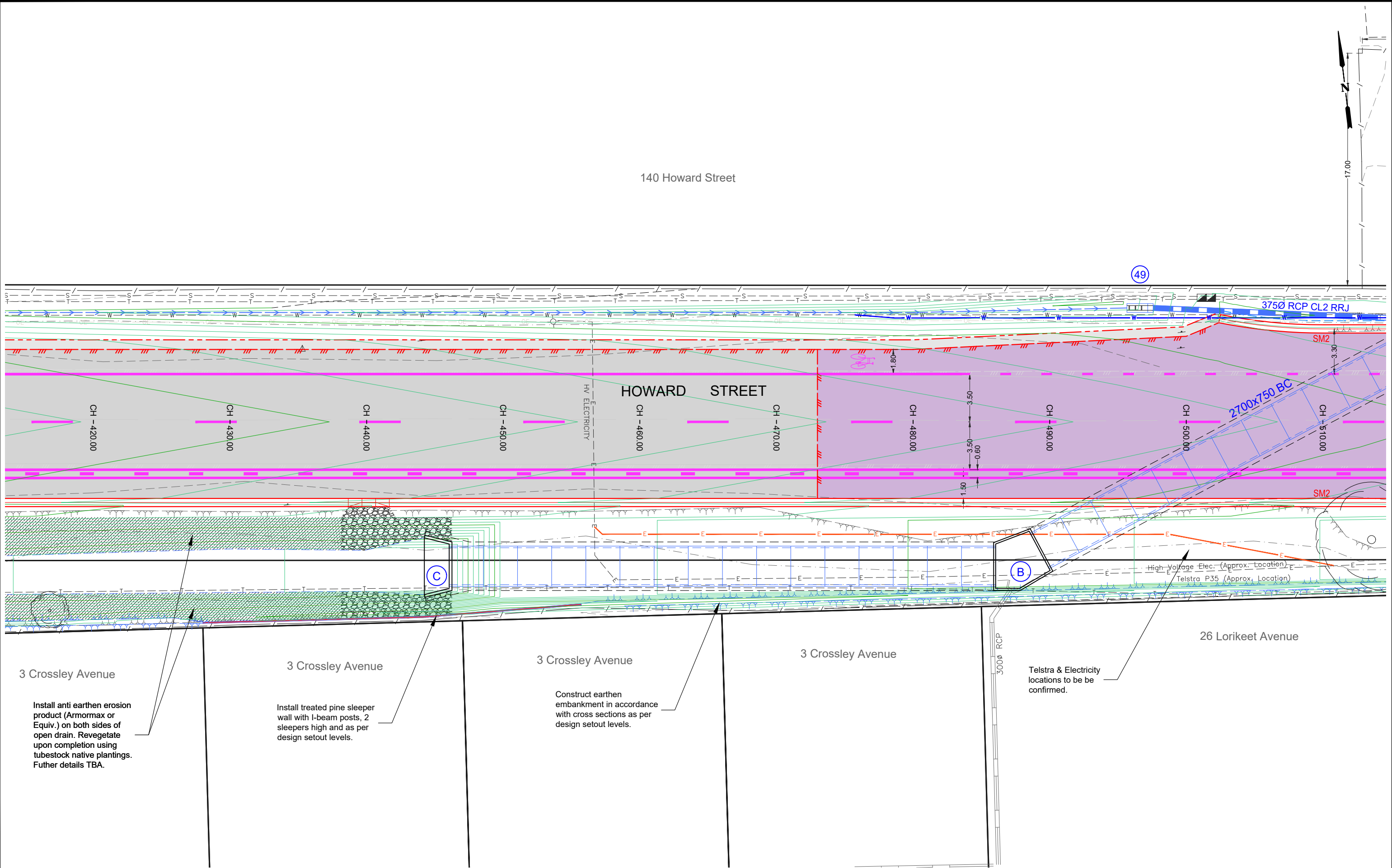
SHEET DETAILS

DETAIL LAYOUT

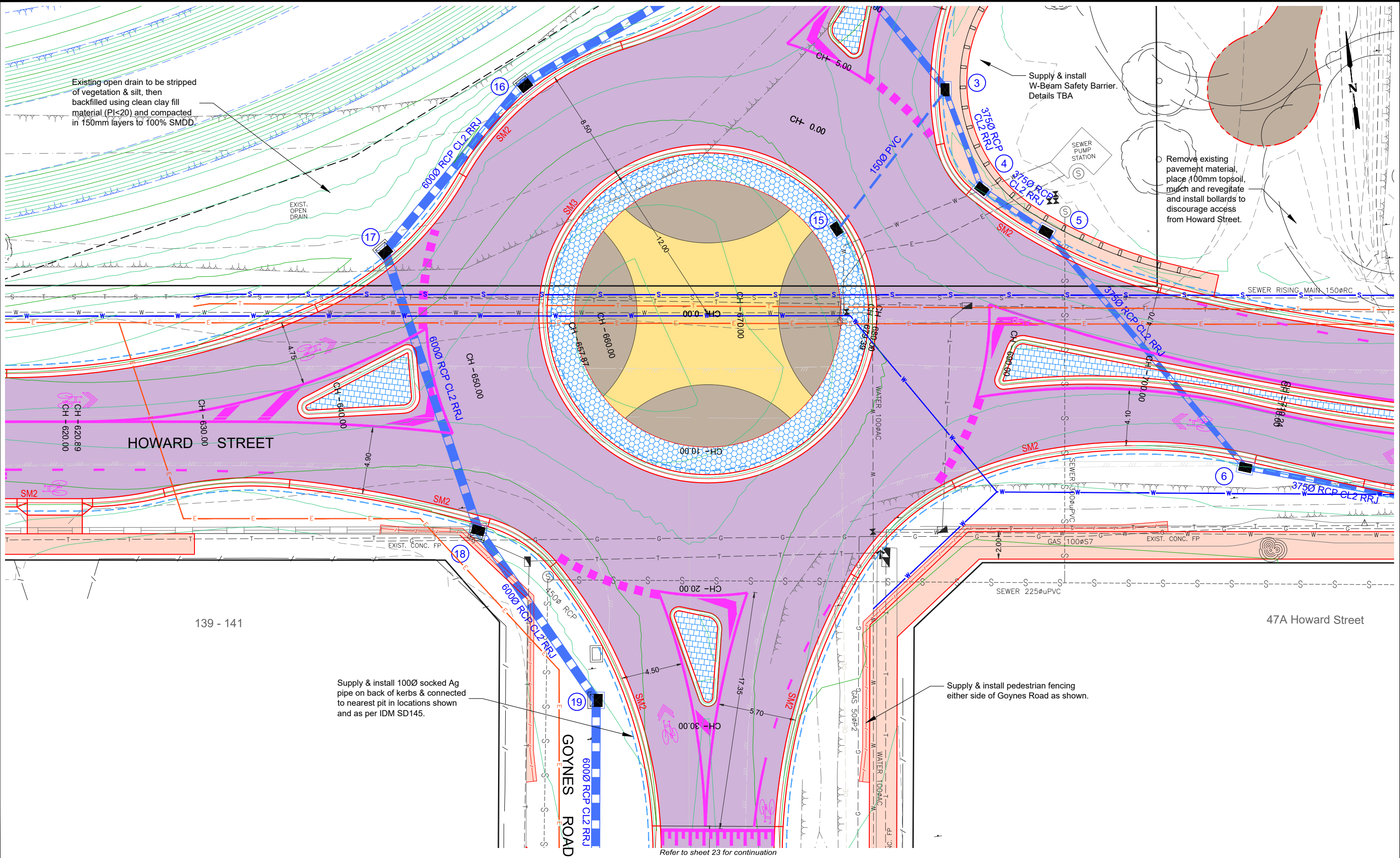
Sheet: **14** OF **69**
Scale: **1:250** **A3**
Plot Date:02/04/2024 By:Leigh Oliver

AMENDMENTS

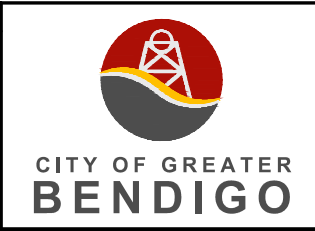
Revision	Description	Approved by	Date
-	-	-	-
-	-	-	-
-	-	-	-



CONCEPT 6.0 PLAN
FOR GENERAL COMMENT



LEGEND			
DESIGN CONTOURS - Levels to AHD (0.10m interval)	DESIGN PAVEMENT: (Refer: Typical road pavement detail.)	Landscape work: Instant turf (Refer: Typical details pg 2)	
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	Landscape work: topsoil and seed (Refer: Typical details pg 2)	
Proposed Street Tree (Refer: Typical details pg 2)	Concrete Footpath area: Normal plain Footpath as per IDM SD 205 & SD210	Landscape work: Mulched areas (Refer: Typical details pg 2)	
	Concrete area: Stenciled island infill 150mm depth, 32Mpa, SL72 central. Stencil: Cobble, charcoal, clear sealed		Concrete area: Stenciled apron. 150mm depth, 32Mpa, SL82 central. Stencil: Flagstone, charcoal, clear sealed

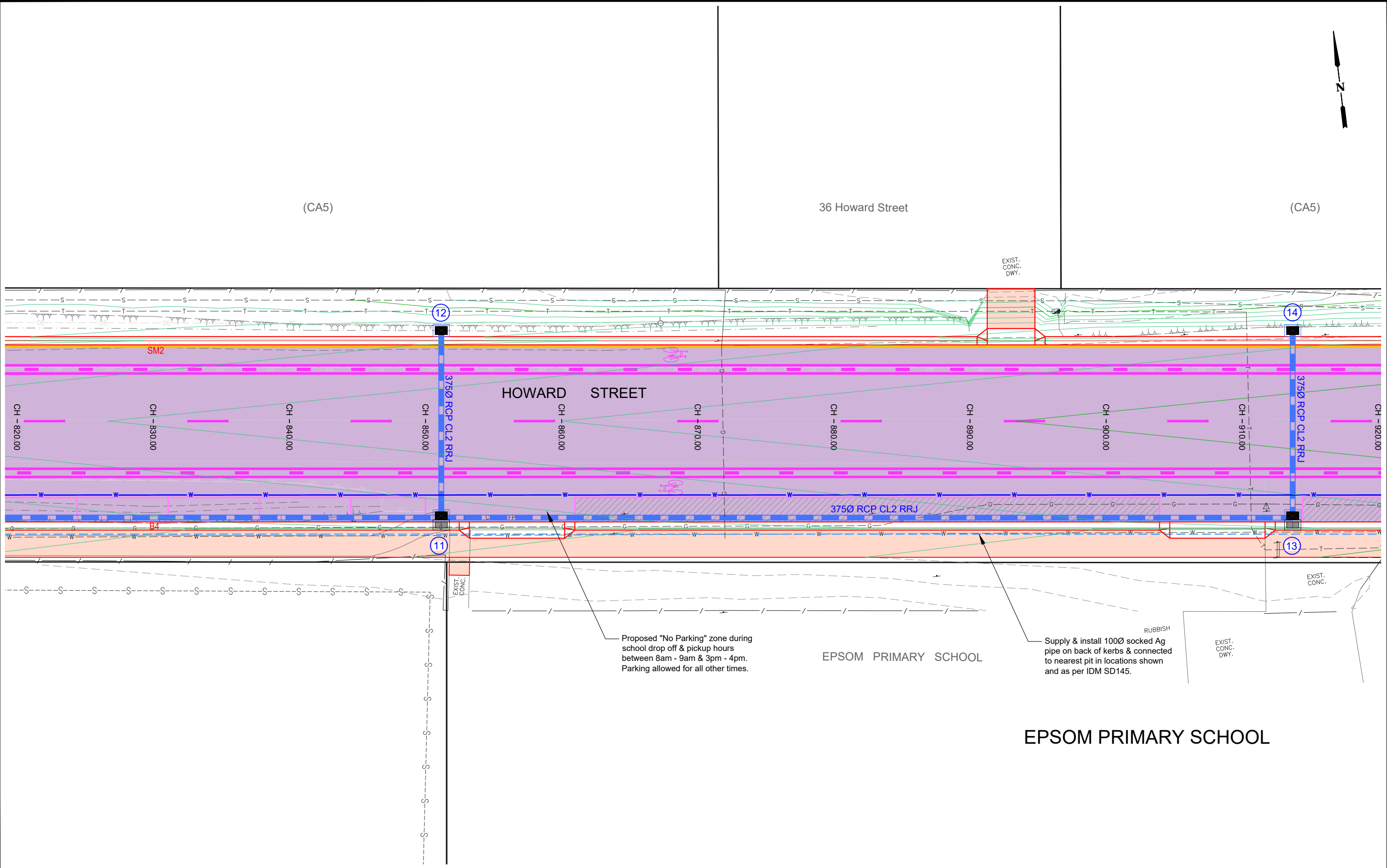


PROJECT DESIGN STATUS		
Surveyor	H. WHYTECK	JAN. 2023
Designer	L. OLIVER	APR. 2023
Draft Checked	A. SMITH	xx/xx/23
Tender Approved	N. SARTORI	xx/xx/23

CONCEPT 6.0 PLAN
FOR GENERAL COMMENT

PROJECT TITLE	
Location:	HOWARD STREET
Suburb:	EPSOM
Works:	ROAD RECONSTRUCTION
Reference:	GB5117

SHEET DETAILS			
DETAIL LAYOUT	Sheet: 17 OF 69		
	Scale: 1:250		A3
	Plot Date:02/04/2024 By:Leigh Oliver		
AMENDMENTS			
Revision	Description	Approved by	Date
-	-	-	-
-	-	-	-
-	-	-	-



LEGEND

DESIGN CONTOURS
- Levels to AHD (0.10m interval)

EXISTING CONTOURS
- Levels to AHD (0.10m interval)

Proposed Street Tree
(Refer: Typical details pg 2)

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

Concrete Kerb area: Normal plain
Kerb as noted and as per: IDM SD100,
CoGB SD190,191,192

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

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)

Concrete area: Stenciled island infill
150mm depth, 32Mpa, SL72 central.
Stencil: Cobble, charcoal, clear sealed

Concrete area: Stenciled apron.
150mm depth, 32Mpa, SL82 central.
Stencil: Flagstone, charcoal, clear sealed

CITY OF GREATER BENDIGO

PROJECT DESIGN STATUS

Surveyor	H. WHYTOK	JAN. 2023
Designer	L. OLIVER	APR. 2023
Draft Checked	A. SMITH	xx/xx/23
Tender Approved	N. SARTORI	xx/xx/23

**CONCEPT 6.0 PLAN
FOR GENERAL COMMENT**

PROJECT TITLE

Location: HOWARD STREET
Suburb: EPSOM
Works: ROAD RECONSTRUCTION
Reference: GB5117

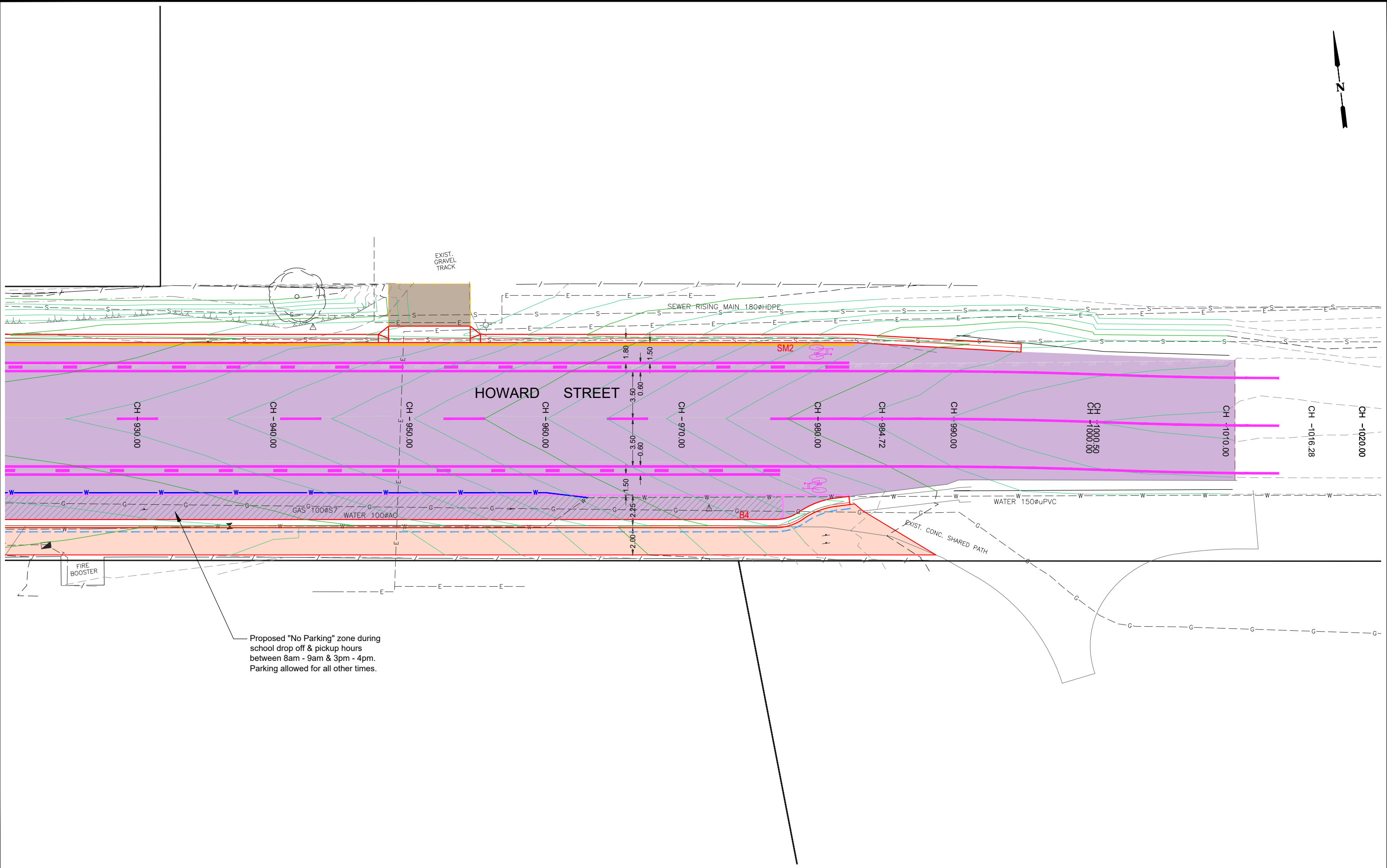
SHEET DETAILS

DETAIL LAYOUT

Sheet: 19 OF 69
Scale: 1:250
Plot Date: 02/04/2024 By: Leigh Oliver

AMENDMENTS

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



Proposed "No Parking" zone during school drop off & pickup hours between 8am - 9am & 3pm - 4pm. Parking allowed for all other times.

LEGEND

DESIGN CONTOURS
- Levels to AHD (0.10m interval)

EXISTING CONTOURS
- Levels to AHD (0.10m interval)

Proposed Street Tree
(Refer: Typical details pg 2)

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

Concrete Kerb area: Normal plain
Kerb as noted and as per: IDM SD100,
CoGB SD190,191,192

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

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150mm depth, 32Mpa, SL72 central.
Stencil: Cobble, charcoal, clear sealed

Concrete area: Stenciled apron.
150mm depth, 32Mpa, SL82 central.
Stencil: Flagstone, charcoal, clear sealed

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	H. WHYTECK	JAN. 2023
Designer	L. OLIVER	APR. 2023
Draft Checked	A. SMITH	xx/xx/23
Tender Approved	N. SARTORI	xx/xx/23

CONCEPT 6.0 PLAN
FOR GENERAL COMMENT

PROJECT TITLE

HOWARD STREET
EPSOM
ROAD RECONSTRUCTION
GB5117

Location:

Suburb:

Works:

Reference:

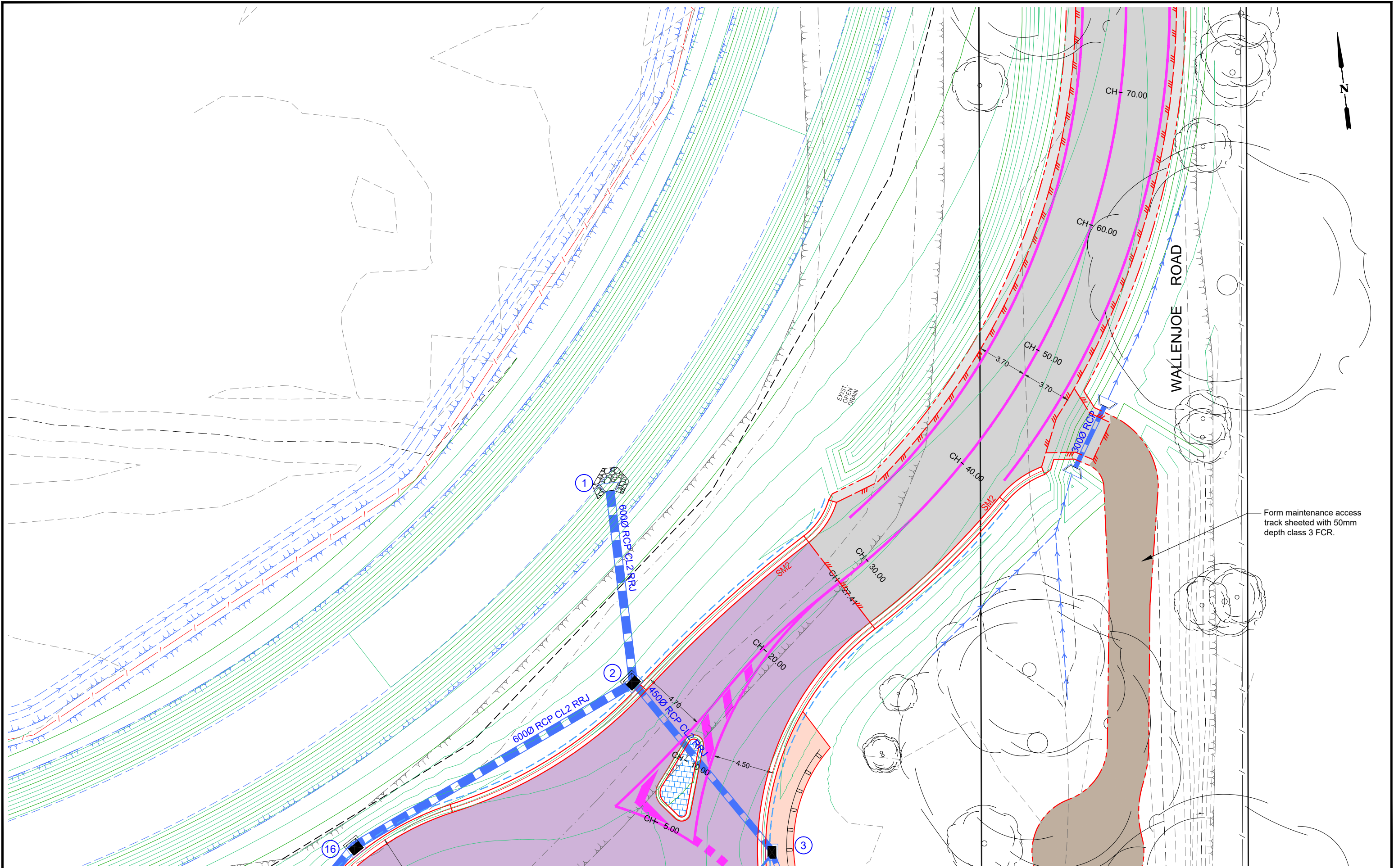
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DETAIL LAYOUT

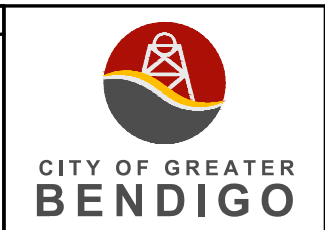
Sheet: 20 OF 69
Scale: 1:250
Plot Date:02/04/2024 By:Leigh Oliver

AMENDMENTS

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



LEGEND			
	DESIGN CONTOURS - Levels to AHD (0.10m interval)		DESIGN PAVEMENT: (Refer: Typical road pavement detail.)
	EXISTING CONTOURS - Levels to AHD (0.10m interval)		Concrete area: Stenciled island infill 150mm depth, 32Mpa, SL72 central. Stencil: Cobble, charcoal, clear sealed
	Proposed Street Tree (Refer: Typical details pg 2)		Concrete area: Stenciled apron. 150mm depth, 32Mpa, SL82 central. Stencil: Flagstone, charcoal, clear sealed
			Landscape work: Instant turf (Refer: Typical details pg 2)
			Concrete Kerb area: Normal plain Kerb as noted and as per: IDM SD100, CoGB SD190,191,192
			Concrete Footpath area: Normal plain Footpath as per IDM SD 205 & SD210
			Landscape work: topsoil and seed (Refer: Typical details pg 2)
			Landscape work: Mulched areas (Refer: Typical details pg 2)

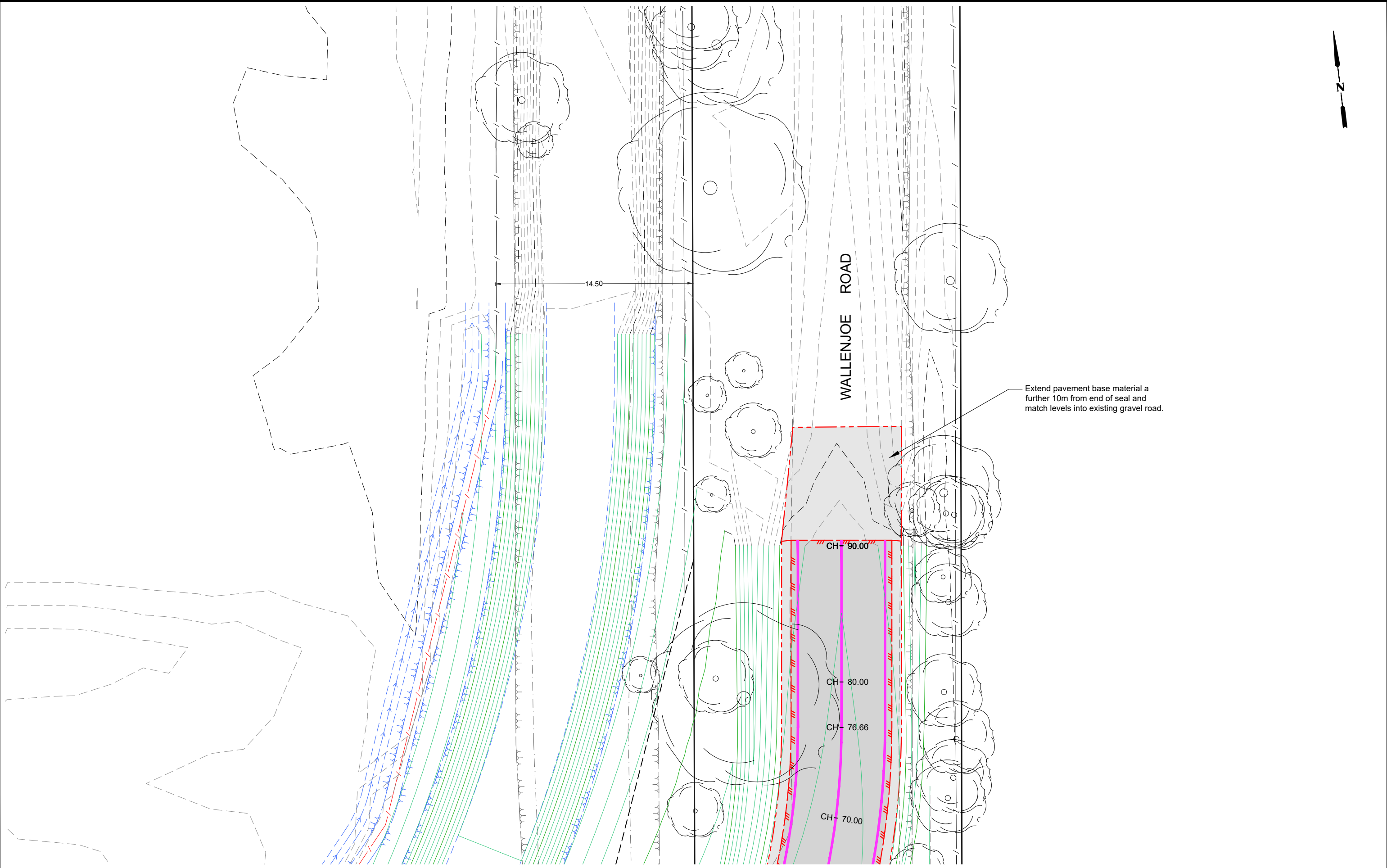


PROJECT DESIGN STATUS		
Surveyor	H. WHYTOCK	JAN. 2023
Designer	L. OLIVER	APR. 2023
Draft Checked	A. SMITH	xx/xx/23
Tender Approved	N. SARTORI	xx/xx/23

CONCEPT 6.0 PLAN
FOR GENERAL COMMENT

PROJECT TITLE	
Location:	HOWARD STREET
Suburb:	EPSOM
Works:	ROAD RECONSTRUCTION
Reference:	GB5117

SHEET DETAILS			
DETAIL LAYOUT		Sheet:	21 OF 69
		Scale:	1:250 A3
Plot Date:02/04/2024 By:Leigh Oliver			
AMENDMENTS			
Revision	Description	Approved by	Date
-	-	-	-
-	-	-	-
-	-	-	-



LEGEND



DESIGN CONTOURS
- Levels to AHD (0.10m interval)



EXISTING CONTOURS
- Levels to AHD (0.10m interval)



Proposed Street Tree
(Refer: Typical details pg 2)



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



Concrete Kerb area: Normal plain
Kerb as noted and as per: IDM SD100,
CoGB SD190,191,192



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



Concrete area: Stenciled island infill
150mm depth, 32Mpa, SL72 central.
Stencil: Cobble, charcoal, clear sealed



Concrete area: Stenciled apron.
150mm depth, 32Mpa, SL82 central.
Stencil: Flagstone, charcoal, clear sealed



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

Surveyor	H. WHYTOK	JAN. 2023
Designer	L. OLIVER	APR. 2023
Draft Checked	A. SMITH	xx/xx/23
Tender Approved	N. SARTORI	xx/xx/23

**CONCEPT 6.0 PLAN
FOR GENERAL COMMENT**

PROJECT TITLE

Location: **HOWARD STREET**
Suburb: **EPSOM**
Works: **ROAD RECONSTRUCTION**
Reference: **GB5117**

SHEET DETAILS

DETAIL LAYOUT

Sheet: **22** OF **69**

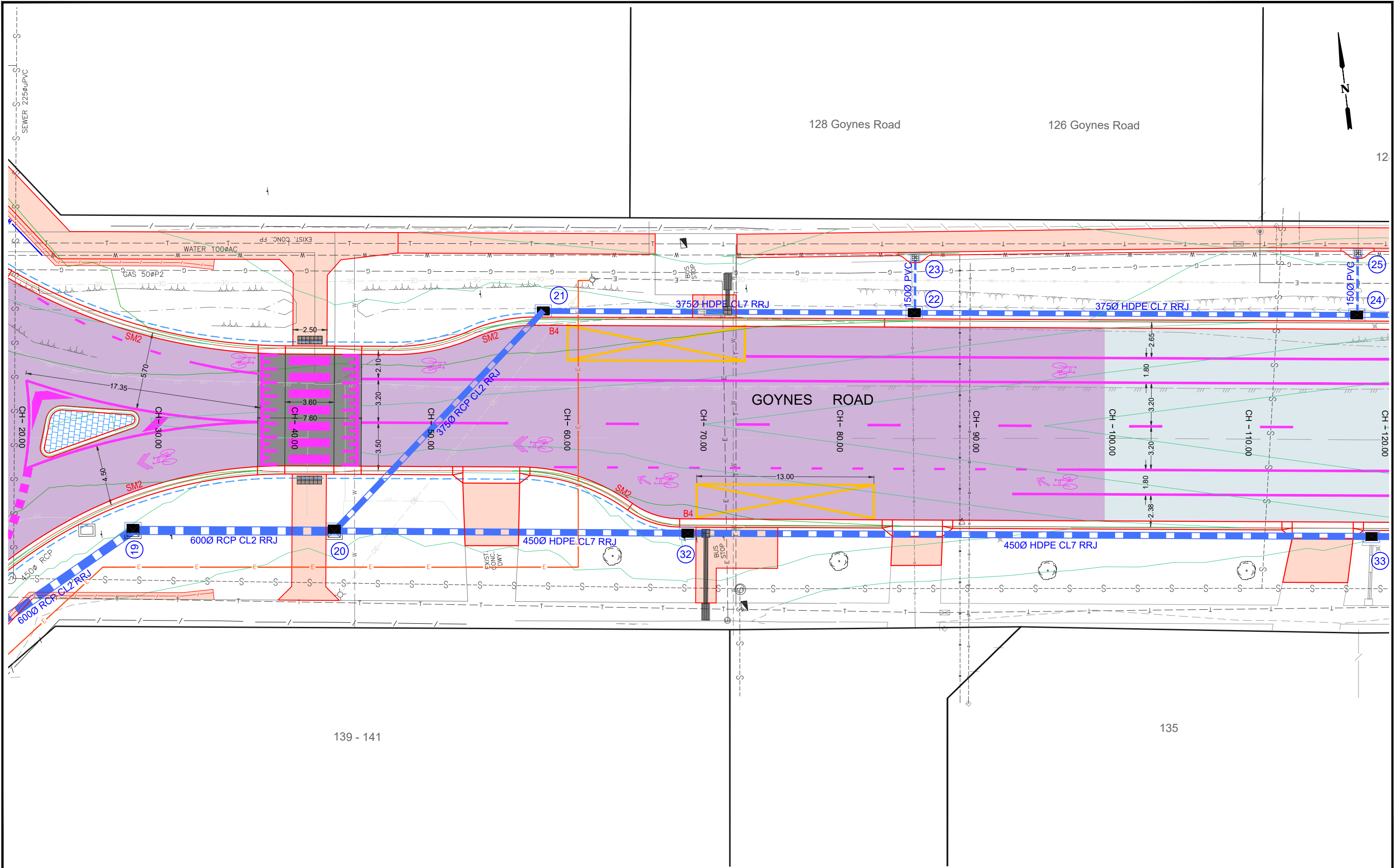
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Plot Date:02/04/2024 By:Leigh Oliver

AMENDMENTS

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



LEGEND

DESIGN CONTOURS
- Levels to AHD (0.10m interval)

EXISTING CONTOURS
- Levels to AHD (0.10m interval)

Proposed Street Tree
(Refer: Typical details pg 2)

DESIGN PAVEMENT:
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(Refer: Typical details pg 2)

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(Refer: Typical details pg 2)

Landscape work: Mulched areas
(Refer: Typical details pg 2)

CITY OF GREATER
BENDIGO

PROJECT DESIGN STATUS

Surveyor	H. WHYTECK	JAN. 2023
Designer	L. OLIVER	APR. 2023
Draft Checked	A. SMITH	xx/xx/23
Tender Approved	N. SARTORI	xx/xx/23

**CONCEPT 6.0 PLAN
FOR GENERAL COMMENT**

PROJECT TITLE

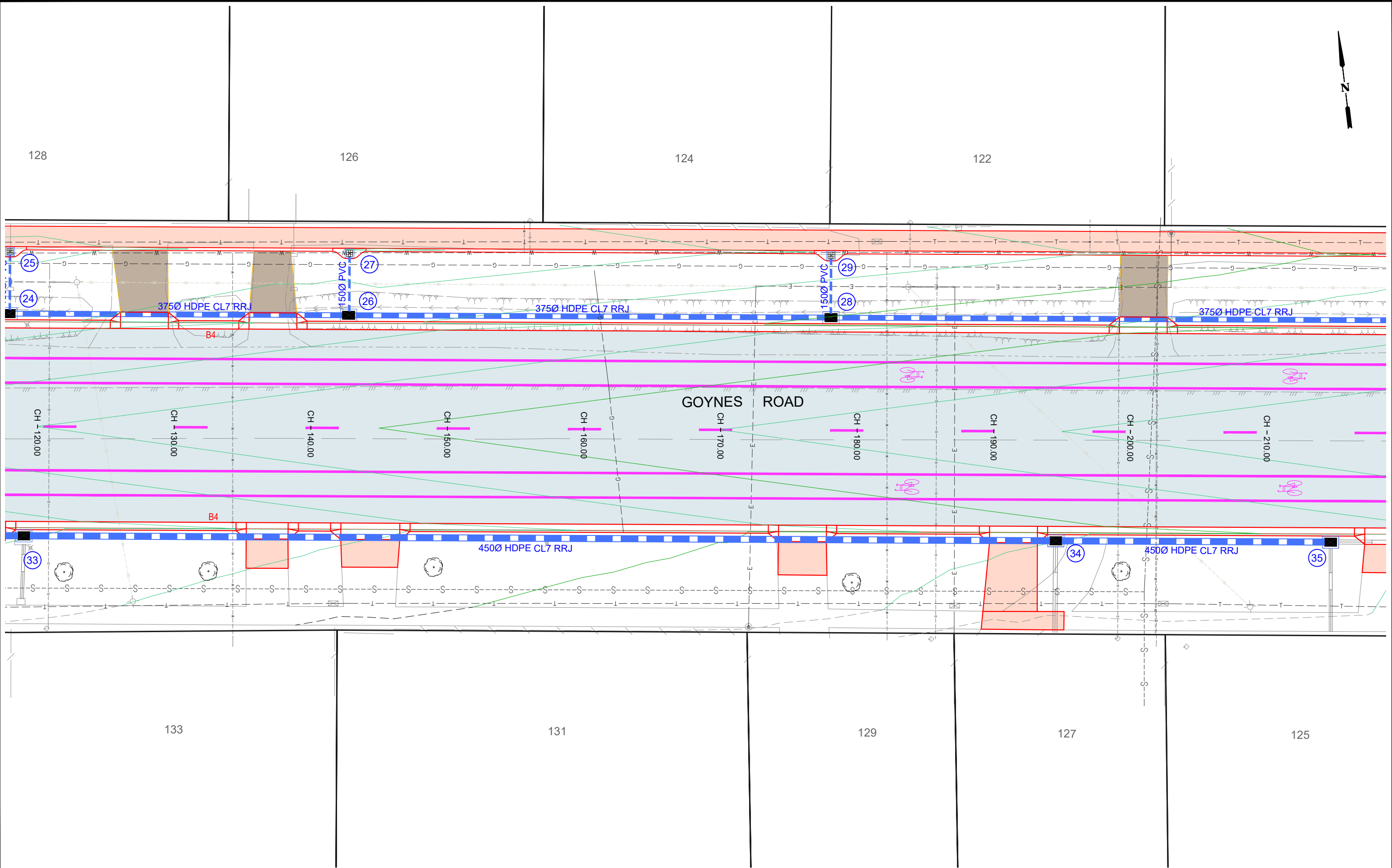
Location: HOWARD STREET
Suburb: EPSOM
Works: ROAD RECONSTRUCTION
Reference: GB5117

SHEET DETAILS

DETAIL LAYOUT

Sheet: 23 OF 69
Scale: 1:250
Plot Date: 02/04/2024 By: Leigh Oliver

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



LEGEND

DESIGN CONTOURS
- Levels to AHD (0.10m interval)

EXISTING CONTOURS
- Levels to AHD (0.10m interval)

Proposed Street Tree
(Refer: Typical details pg 2)

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150mm depth, 32Mpa, SL82 central.
Stencil: Flagstone, charcoal, clear sealed

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

Surveyor	H. WHYTOK	JAN. 2023
Designer	L. OLIVER	APR. 2023
Draft Checked	A. SMITH	xx/xx/23
Tender Approved	N. SARTORI	xx/xx/23

**CONCEPT 6.0 PLAN
FOR GENERAL COMMENT**

PROJECT TITLE

HOWARD STREET
EPSOM
ROAD RECONSTRUCTION
GB5117

Location:
Suburb:
Works:
Reference:

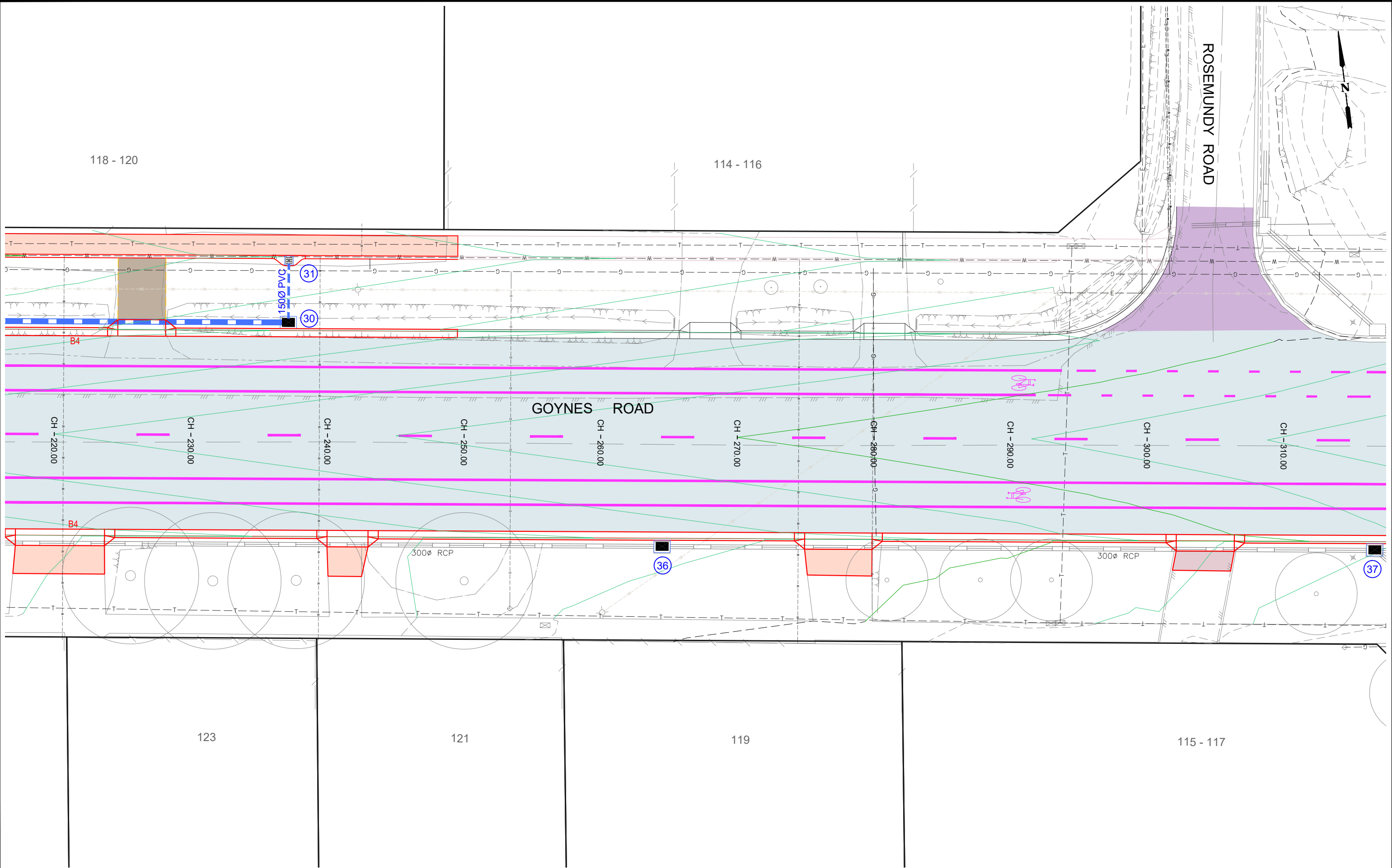
SHEET DETAILS

DETAIL LAYOUT

Sheet: 24 OF 69
Scale: 1:250
Plot Date: 02/04/2024 By: Leigh Oliver

AMENDMENTS

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



LEGEND

DESIGN CONTOURS - Levels to AHD (0.10m interval)	DESIGN PAVEMENT: (Refer: Typical road pavement detail.)	Landscape work: Instant turf (Refer: Typical details pg 2)
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	Landscape work: topsoil and seed (Refer: Typical details pg 2)
Proposed Street Tree (Refer: Typical details pg 2)	Concrete Footpath area: Normal plain Footpath as per IDM SD 205 & SD210	Landscape work: Mulched areas (Refer: Typical details pg 2)
	Concrete area: Stenciled island infill 150mm depth, 32Mpa, SL72 central. Stencil: Cobble, charcoal, clear sealed	
	Concrete area: Stenciled apron. 150mm depth, 32Mpa, SL82 central. Stencil: Flagstone, charcoal, clear sealed	

CITY OF GREATER
BENDIGO

PROJECT DESIGN STATUS

Surveyor	H. WHYTOK	JAN. 2023
Designer	L. OLIVER	APR. 2023
Draft Checked	A. SMITH	xx/xx/23
Tender Approved	N. SARTORI	xx/xx/23

**CONCEPT 6.0 PLAN
FOR GENERAL COMMENT**

PROJECT TITLE

Location: HOWARD STREET
Suburb: EPSOM
Works: ROAD RECONSTRUCTION
Reference: GB5117

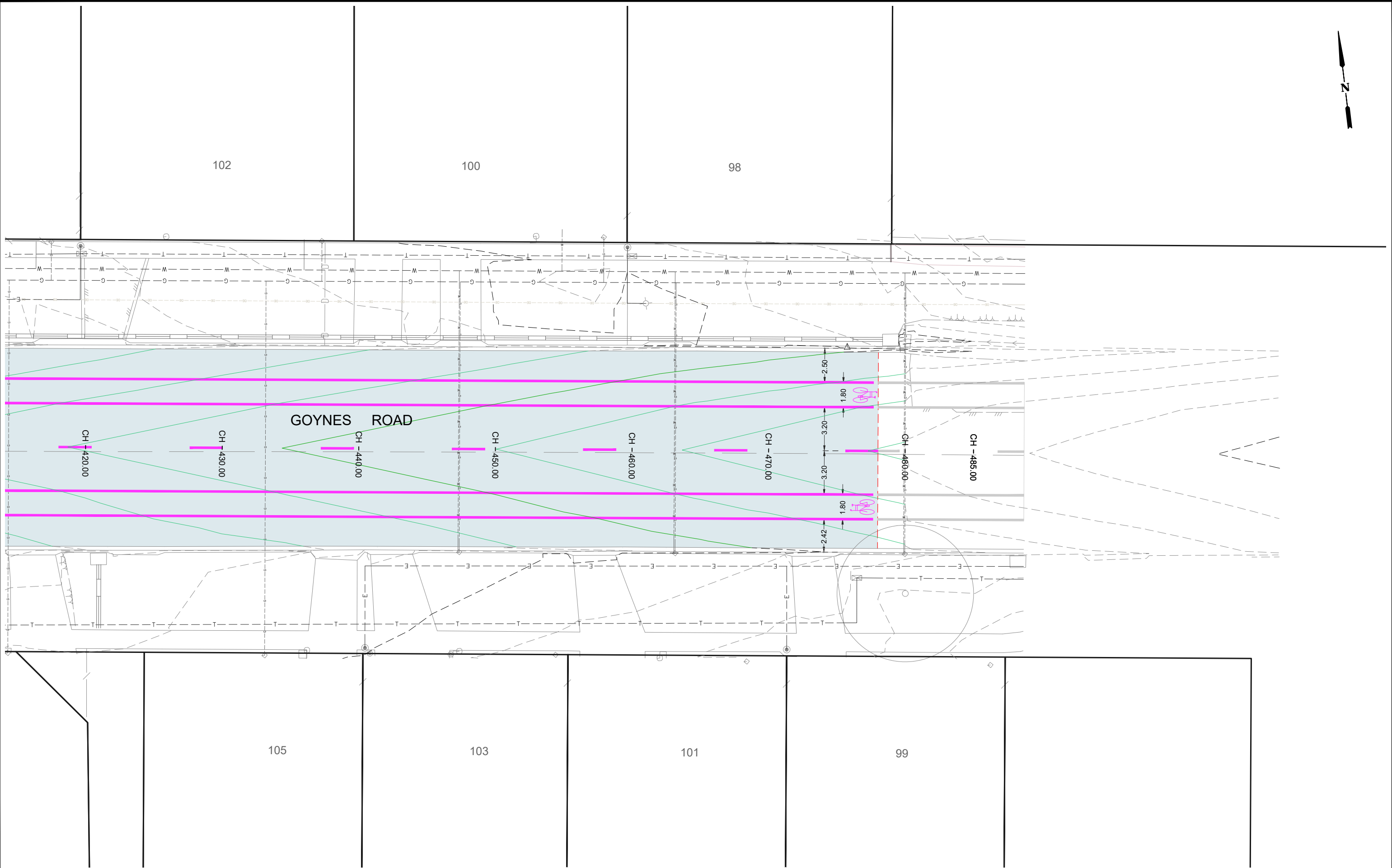
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Sheet: 25 OF 69
Scale: 1:250
Plot Date: 02/04/2024 By: Leigh Oliver

DETAIL LAYOUT

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

AMENDMENTS



LEGEND

DESIGN CONTOURS
- Levels to AHD (0.10m interval)

EXISTING CONTOURS
- Levels to AHD (0.10m interval)

Proposed Street Tree
(Refer: Typical details pg 2)

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

Concrete Kerb area: Normal plain
Kerb as noted and as per: IDM SD100,
CoGB SD190,191,192

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

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Stencil: Cobble, charcoal, clear sealed

Concrete area: Stenciled apron.
150mm depth, 32Mpa, SL82 central.
Stencil: Flagstone, charcoal, clear sealed

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

Surveyor	H. WHYTOCK	JAN. 2023
Designer	L. OLIVER	APR. 2023
Draft Checked	A. SMITH	xx/xx/23
Tender Approved	N. SARTORI	xx/xx/23

CONCEPT 6.0 PLAN
FOR GENERAL COMMENT

PROJECT TITLE

Location: HOWARD STREET
Suburb: EPSOM
Works: ROAD RECONSTRUCTION
Reference: GB5117

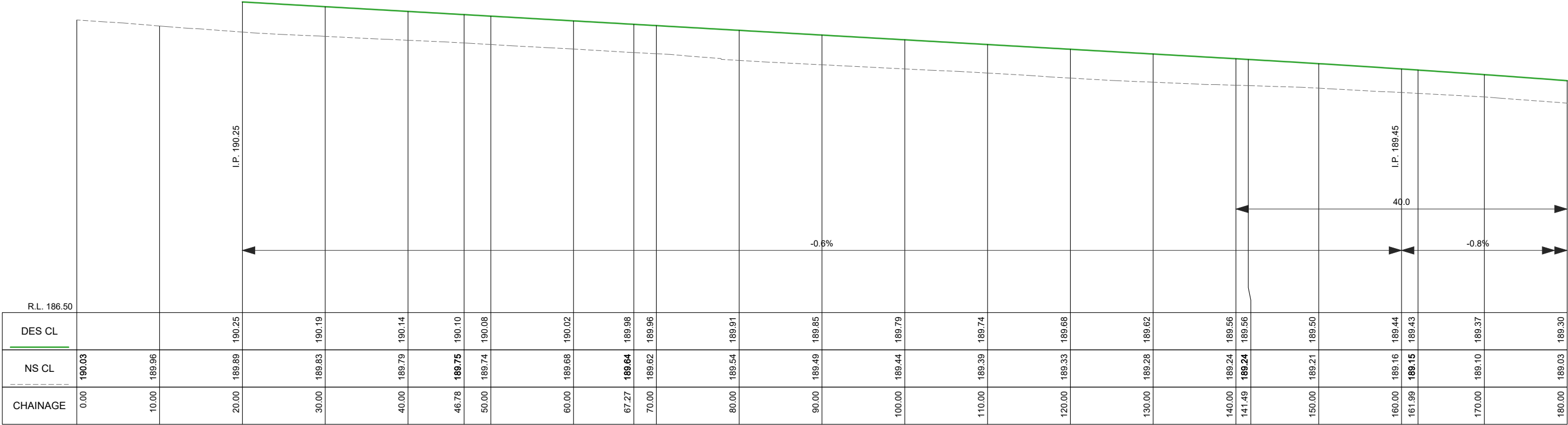
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DETAIL LAYOUT

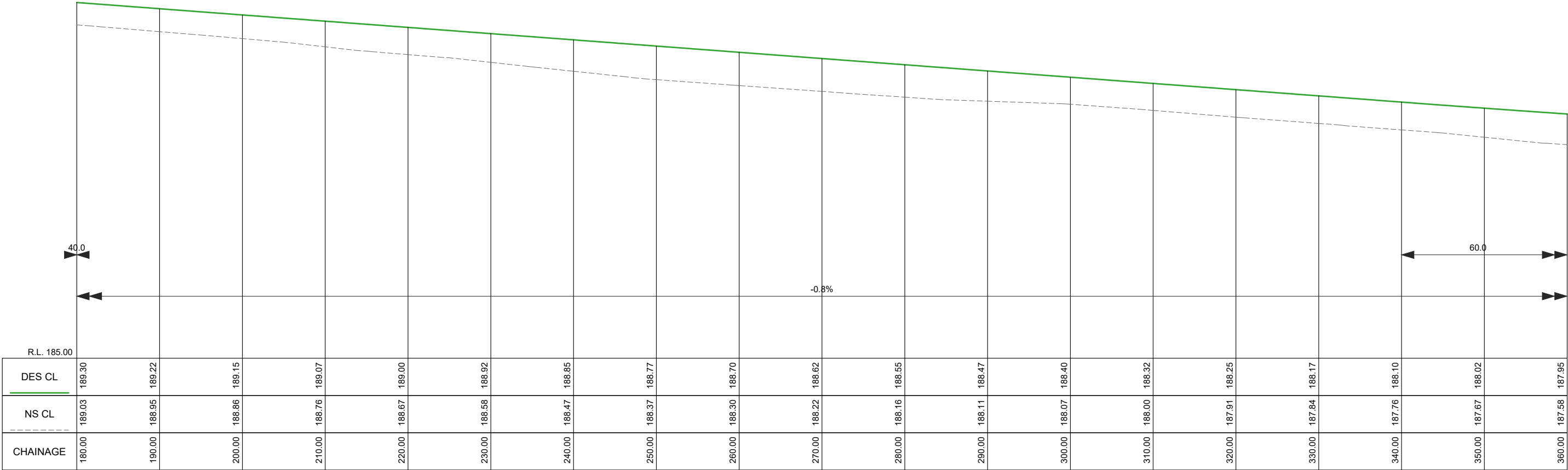
Sheet: 27 OF 69
Scale: 1:250
Plot Date:02/04/2024 By:Leigh Oliver

AMENDMENTS

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



HOWARD STREET LONGITUDINAL SECTION CH 0.000 To 180.000
SCALES: H 1:500 V 1:50 (A3)



HOWARD STREET LONGITUDINAL SECTION CH 180.000 To 360.000
SCALES: H 1:500 V 1:50 (A3)



PROJECT DESIGN STATUS		
Surveyor	H. WHYTOK	JAN. 2023
Designer	L. OLIVER	APR. 2023
Draft Checked	A. SMITH	xx/xx/23
Tender Approved	N. SARTORI	xx/xx/23

CONCEPT 6.0 PLAN
FOR GENERAL COMMENT

Location:

HOWARD STREET

Suburb:

EPSOM

Works:

ROAD RECONSTRUCTION

Reference:

GB5117

Sheet:

28 OF 69

Scale:

AS SHOWN

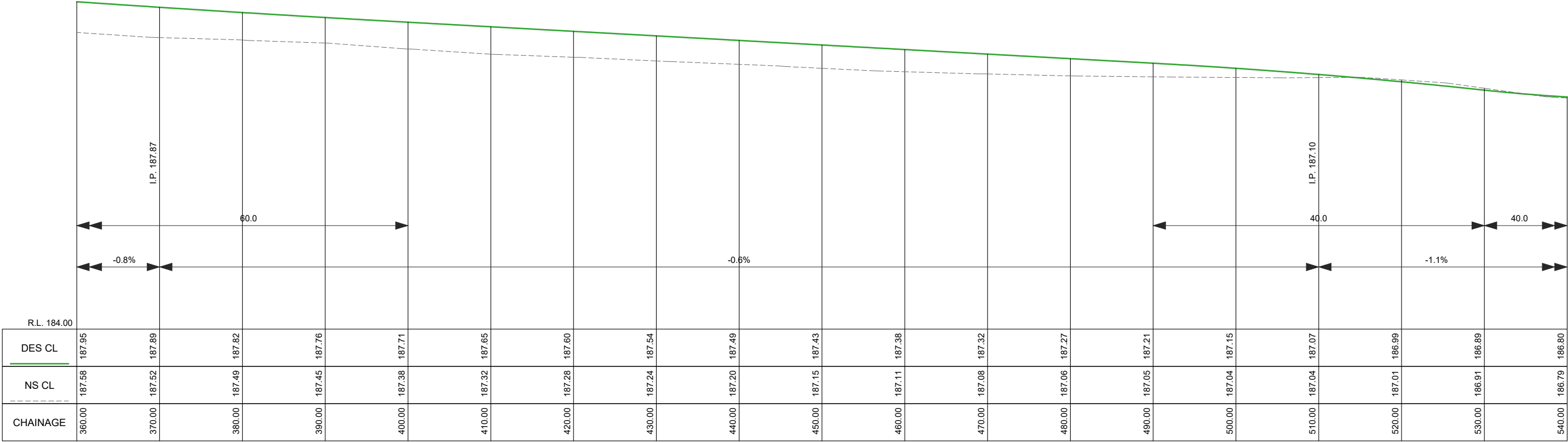
Plot Date:

02/04/2024

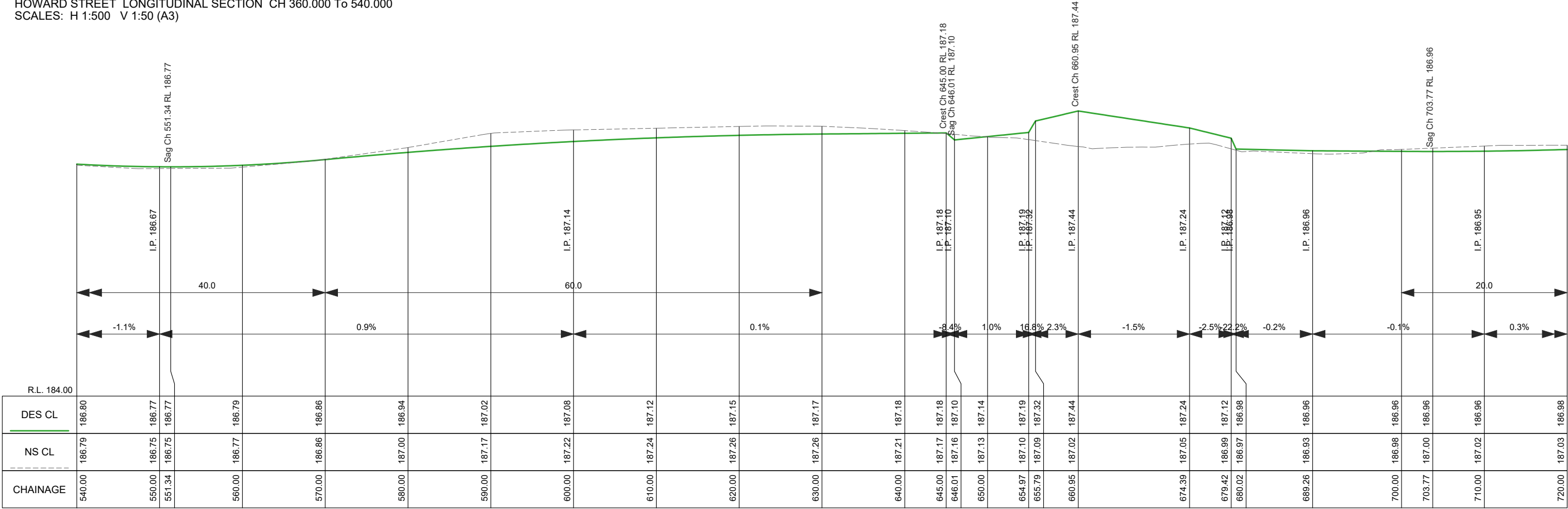
By:

Leigh Oliver

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



HOWARD STREET LONGITUDINAL SECTION CH 360.000 To 540.000
SCALES: H 1:500 V 1:50 (A3)



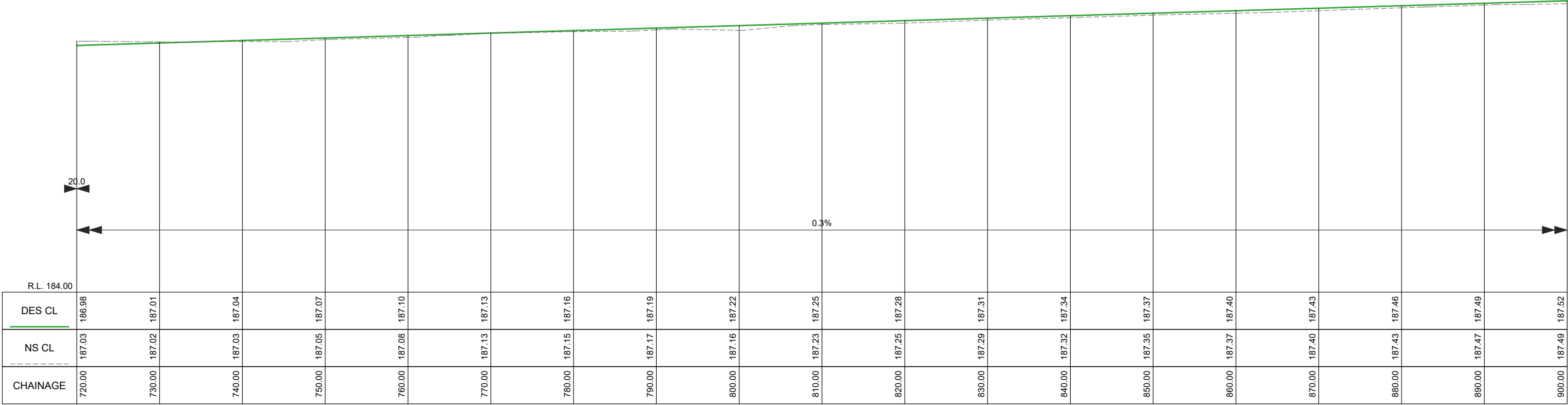
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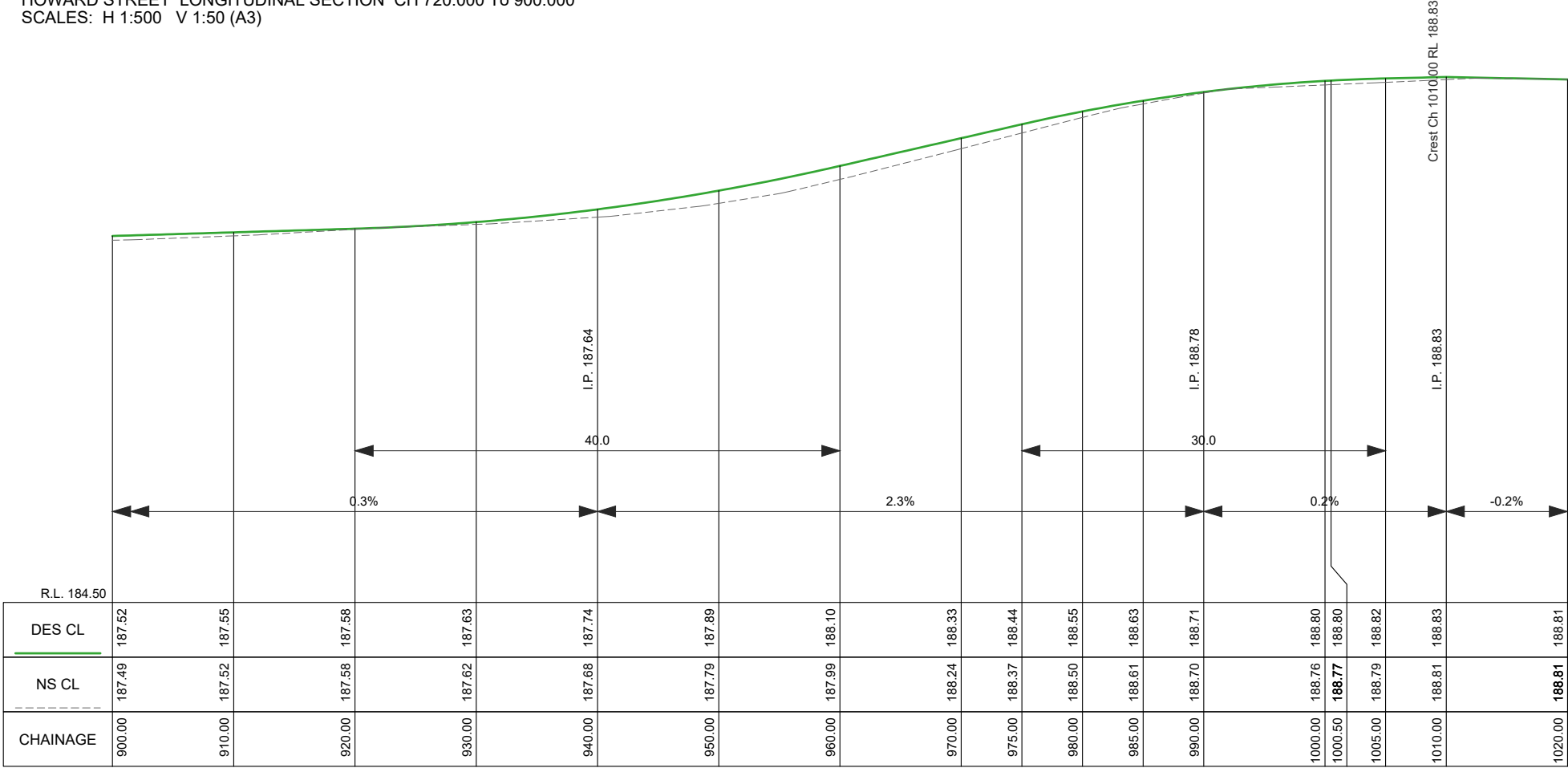
PROJECT DESIGN STATUS		
Surveyor	H. WHYTOCK	JAN. 2023
Designer	L. OLIVER	APR. 2023
Draft Checked	A. SMITH	xx/xx/23
Tender Approved	N. SARTORI	xx/xx/23
CONCEPT 6.0 PLAN FOR GENERAL COMMENT		

PROJECT TITLE	
Location:	HOWARD STREET
Suburb:	EPSOM
Works:	ROAD RECONSTRUCTION
Reference:	GB5117

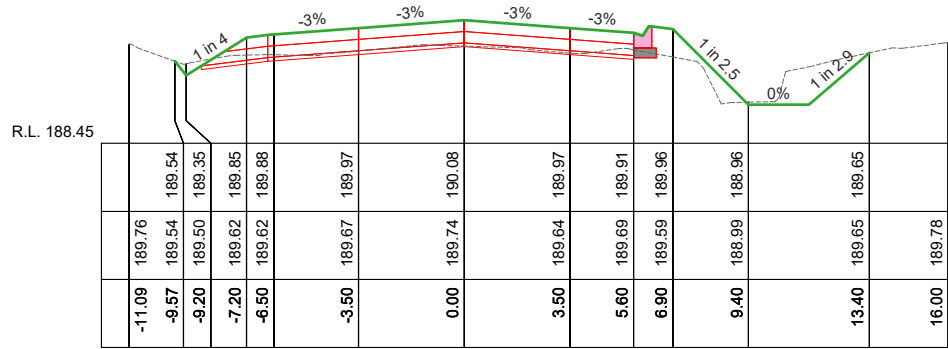
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HOWARD STREET LONG SECTIONS		Sheet:	29 OF 69
		Scale:	AS SHOWN A3
		Plot Date:02/04/2024 By:Leigh Oliver	
AMENDMENTS			
Revision	Description	Approved by	Date
-	-	-	-
-	-	-	-



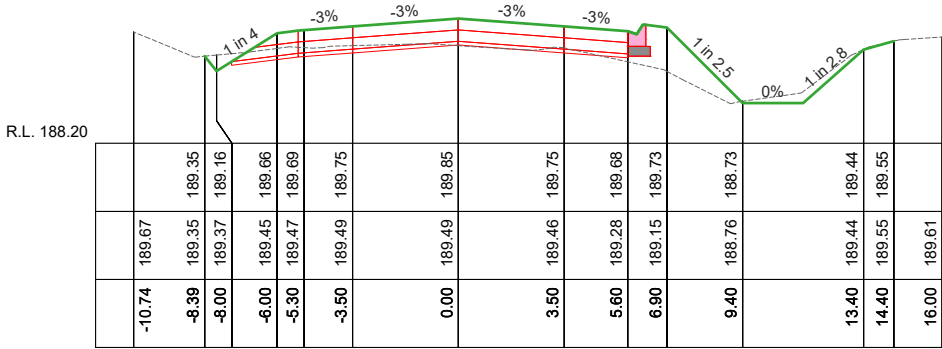
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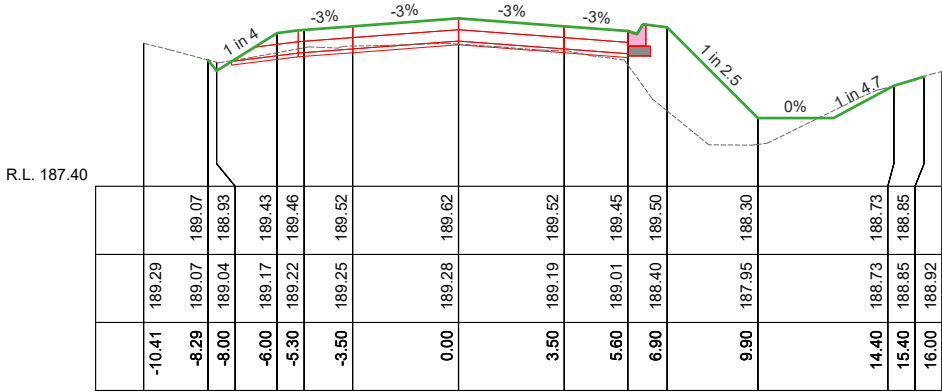
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SCALES: H 1:500 V 1:50 (A3)



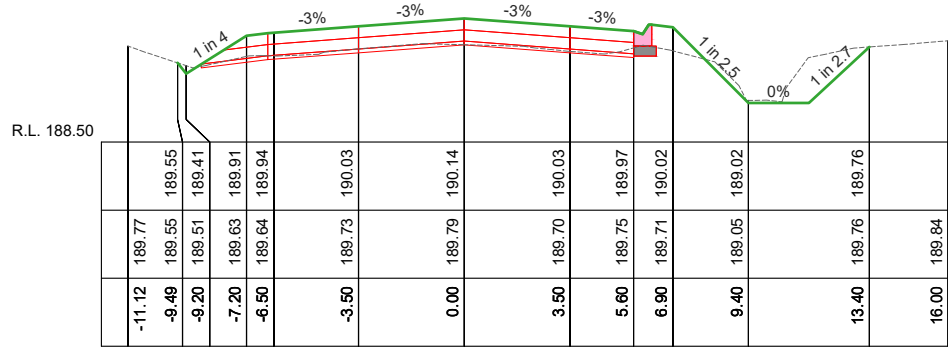
Ch 50.00
HOWARD



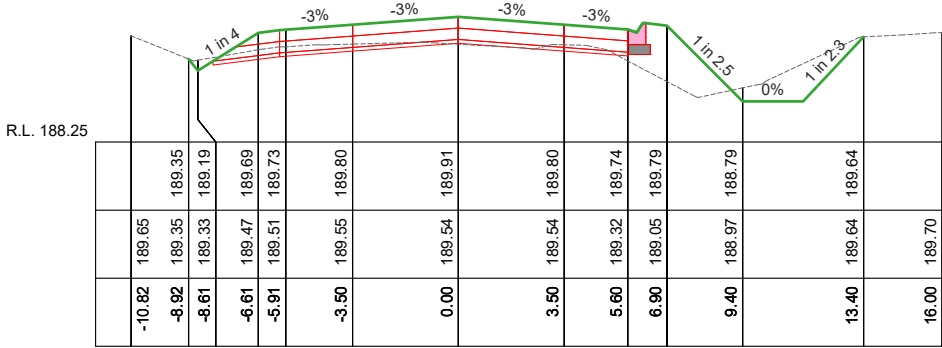
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HOWARD



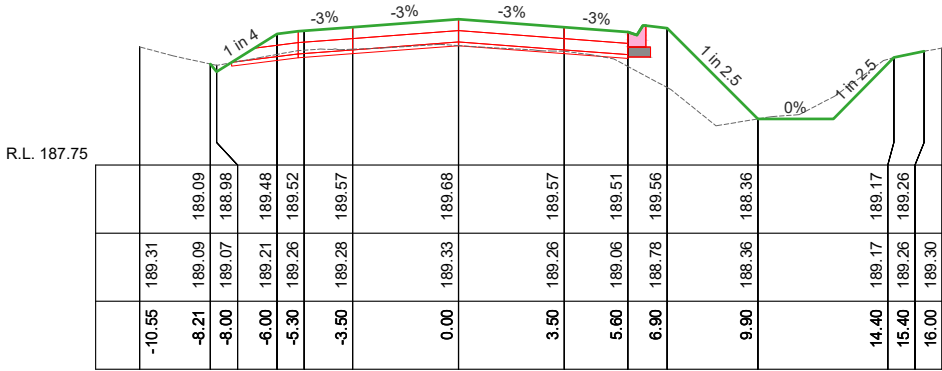
Ch 130.00
HOWARD



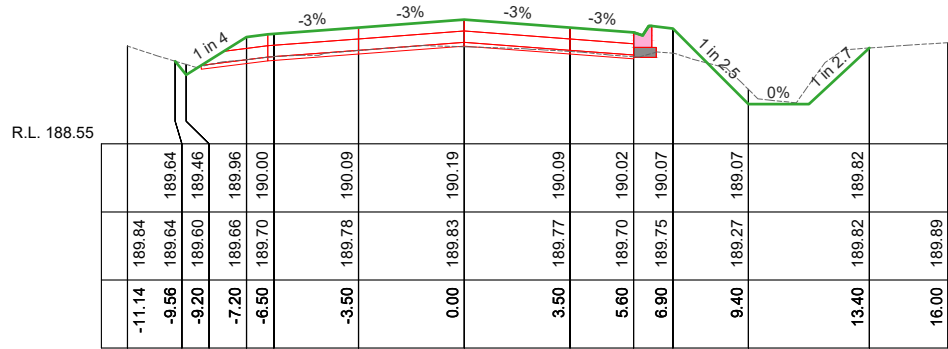
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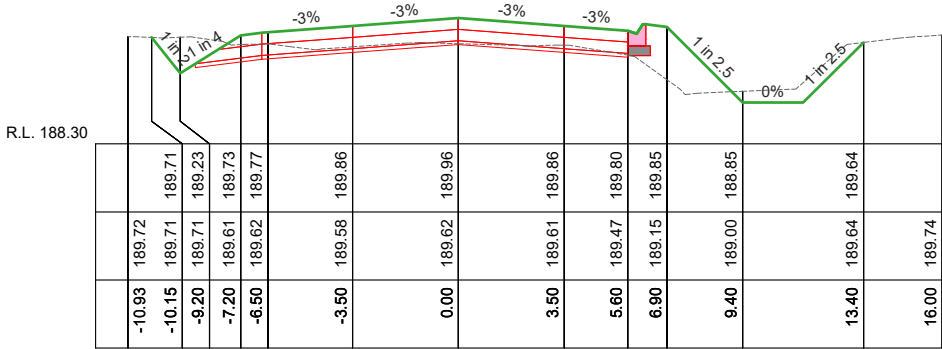
Ch 80.00
HOWARD



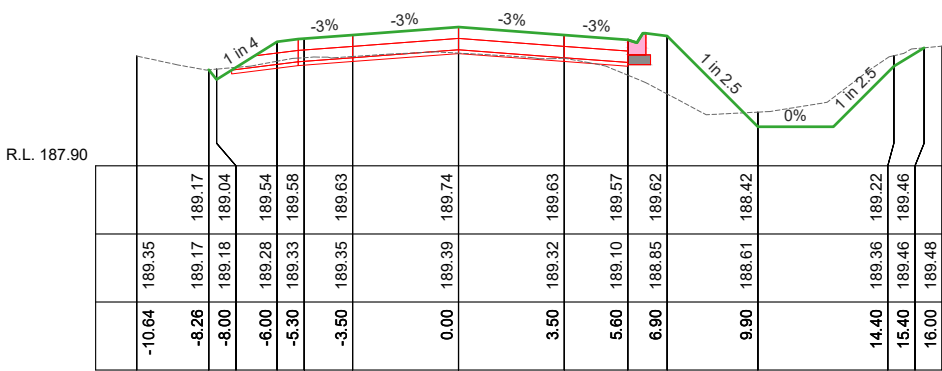
Ch 120.00
HOWARD



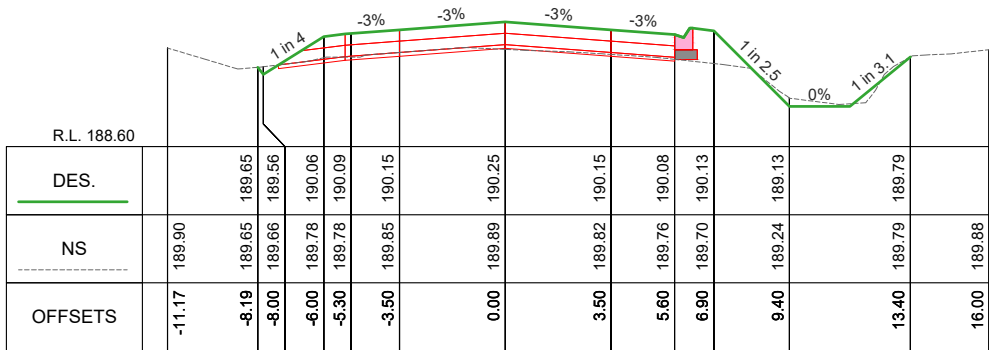
Ch 30.00
HOWARD



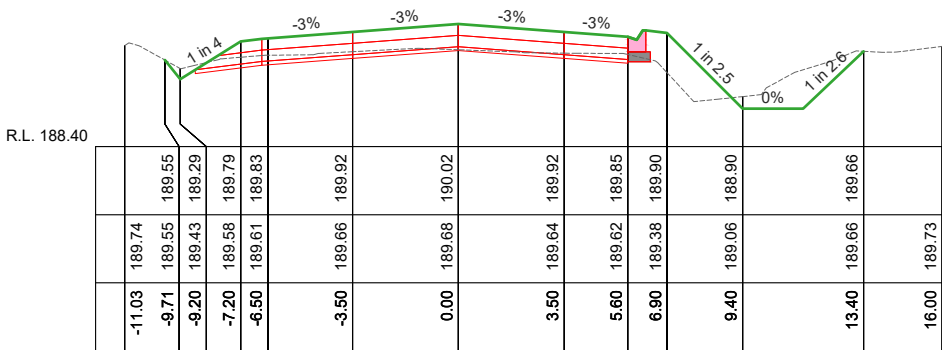
Ch 70.00
HOWARD



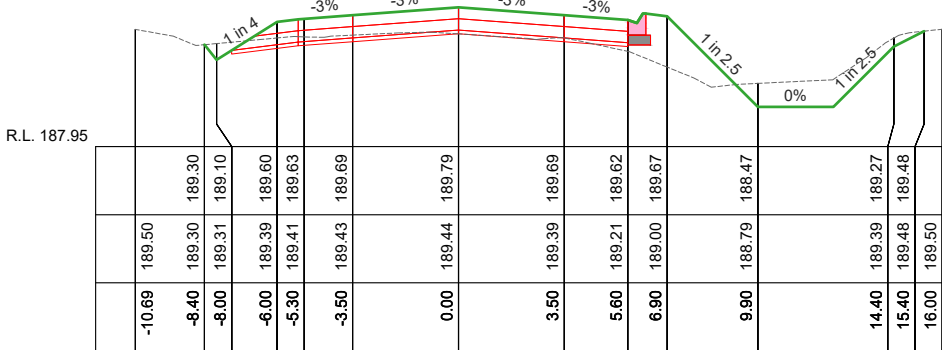
Ch 110.00
HOWARD



Ch 20.00
HOWARD



Ch 60.00
HOWARD



Ch 100.00
HOWARD

HOWARD STREET CROSS SECTIONS
SCALES: H 1:250 V 1:100 (A3)



PROJECT DESIGN STATUS
Surveyor H. WHYTECK JAN. 2023
Designer L. OLIVER APR. 2023
Draft Checked A. SMITH xx/xx/23
Tender Approved N. SARTORI xx/xx/23

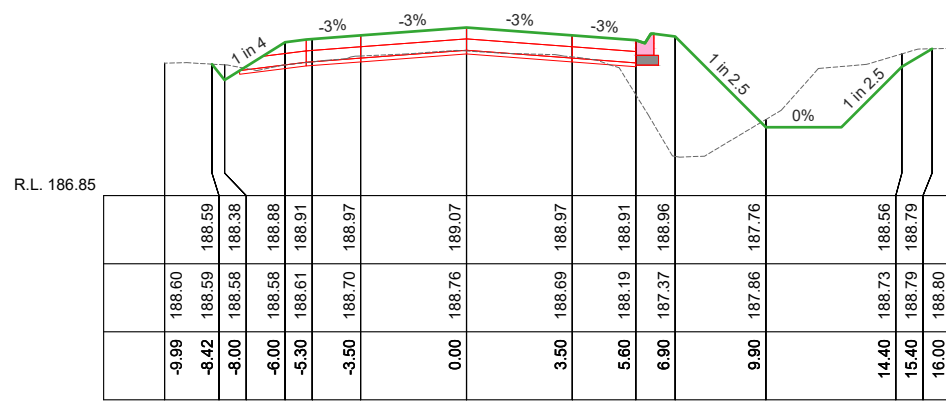
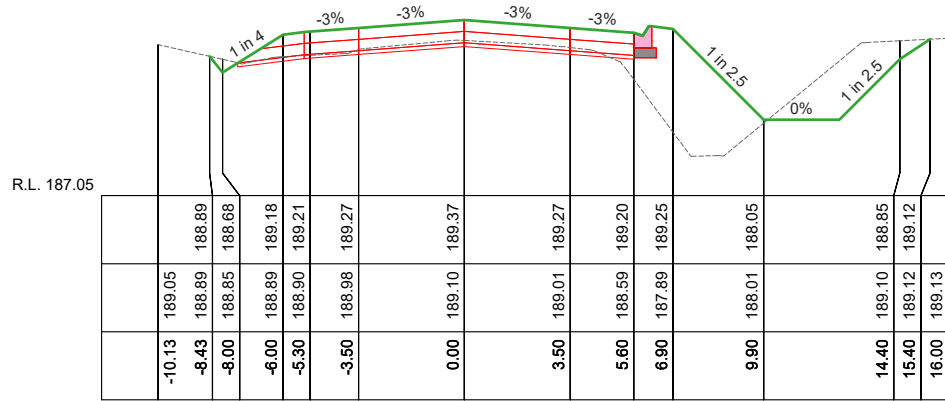
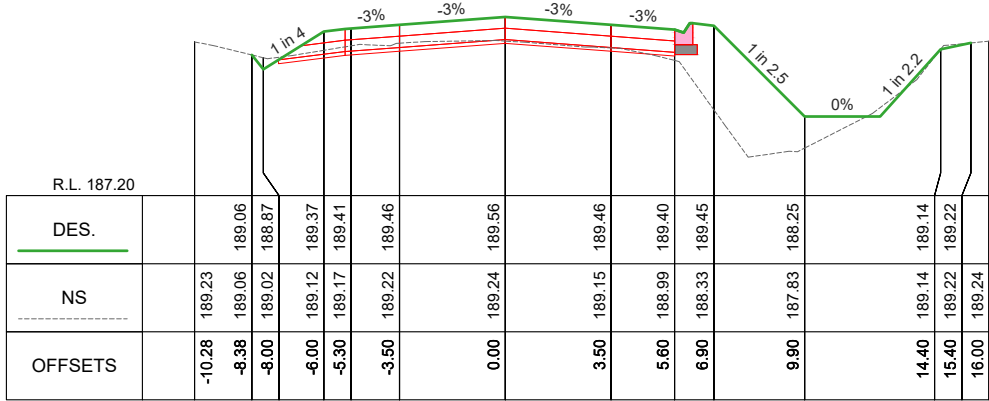
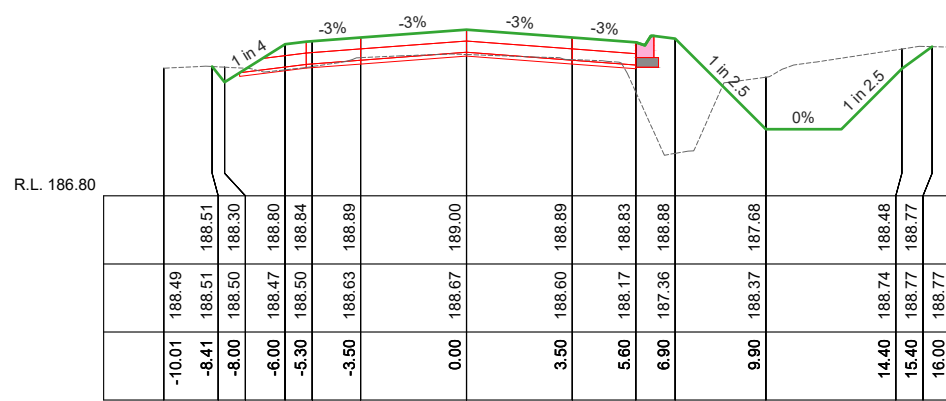
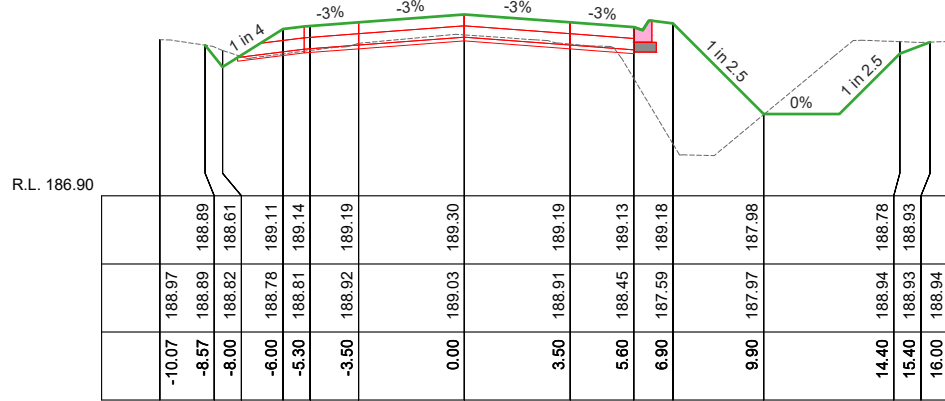
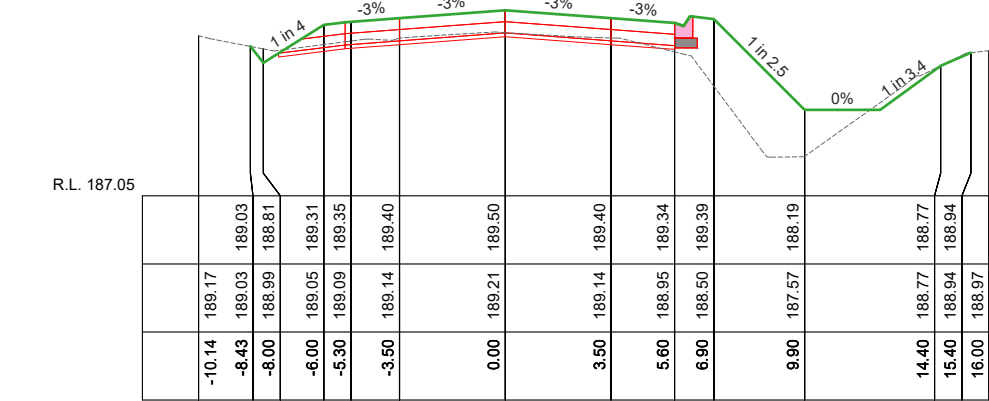
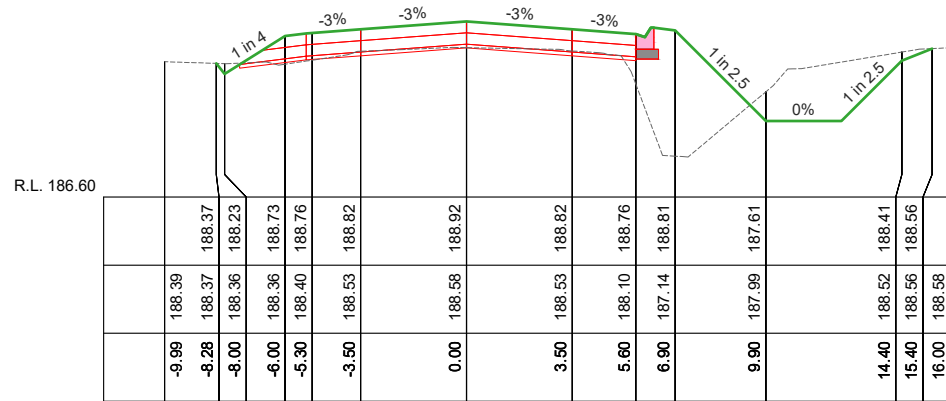
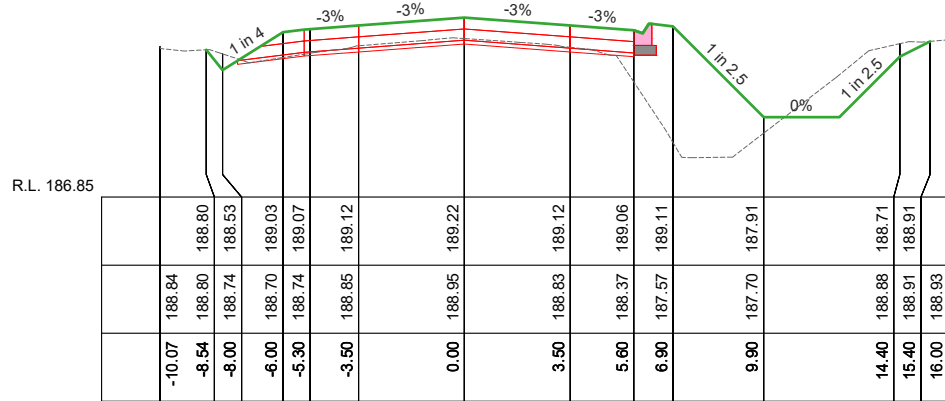
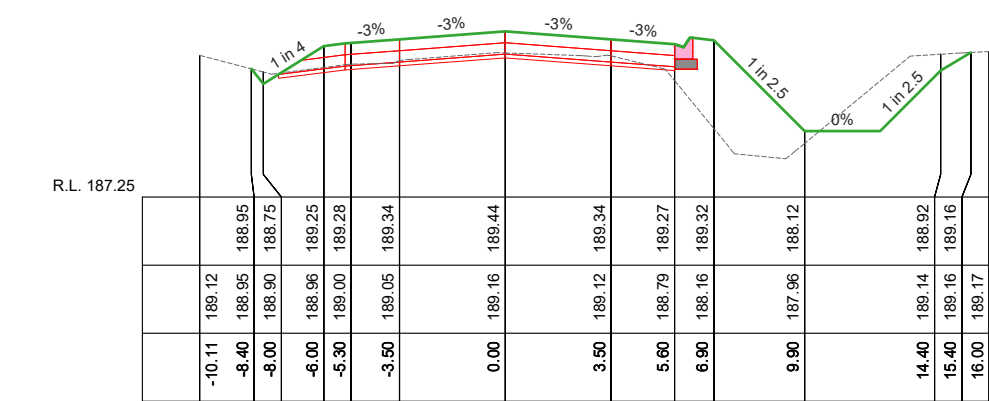
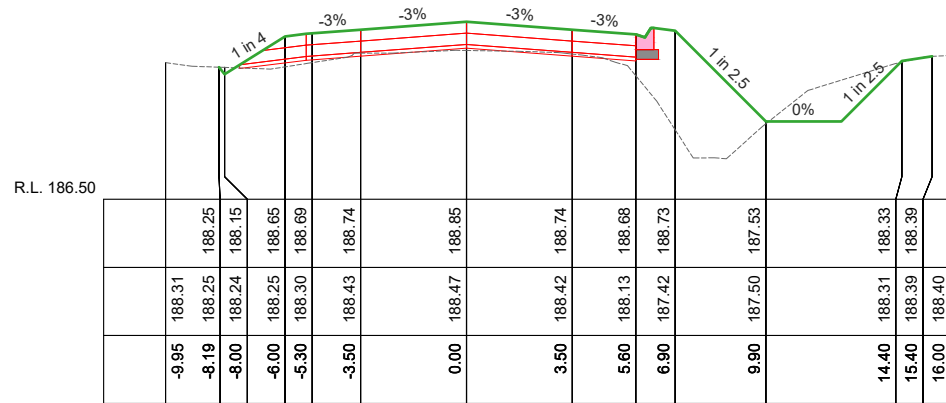
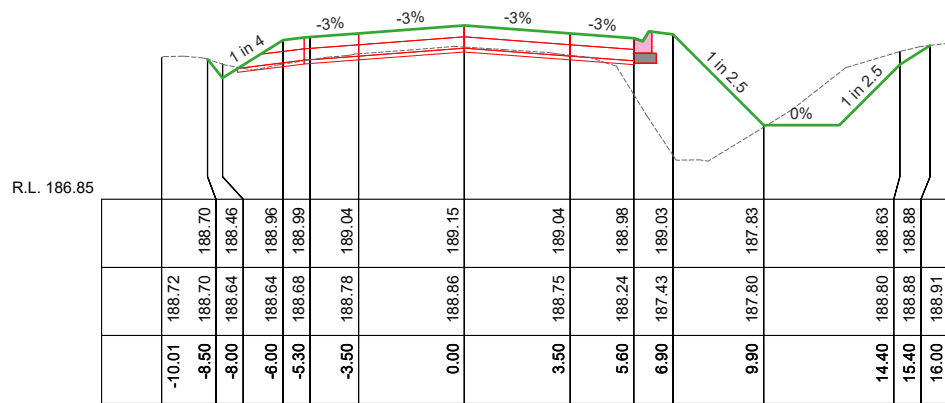
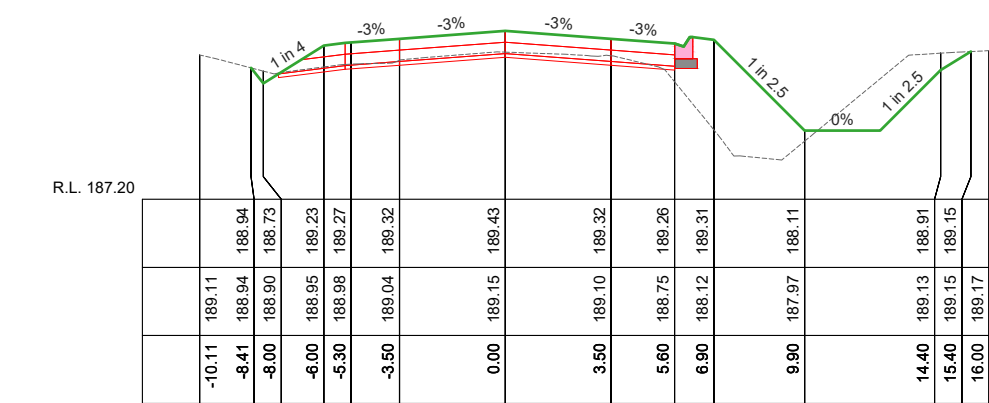
**CONCEPT 6.0 PLAN
FOR GENERAL COMMENT**

PROJECT TITLE
HOWARD STREET
EPSOM
ROAD RECONSTRUCTION
GB5117

SHEET DETAILS
HOWARD STREET
CROSS SECTIONS
Sheet: 31 OF 69
Scale: AS SHOWN A3
Plot Date: 02/04/2024 By: Leigh Oliver

AMENDMENTS

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



HOWARD STREET CROSS SECTIONS
SCALES: H 1:250 V 1:100 (A3)

Ch 140.00
HOWARD

Ch 170.00
HOWARD

Ch 210.00
HOWARD



PROJECT DESIGN STATUS
Surveyor: H. WHYTECK JAN. 2023
Designer: L. OLIVER APR. 2023
Draft Checked: A. SMITH xx/xx/23
Tender Approved: N. SARTORI xx/xx/23

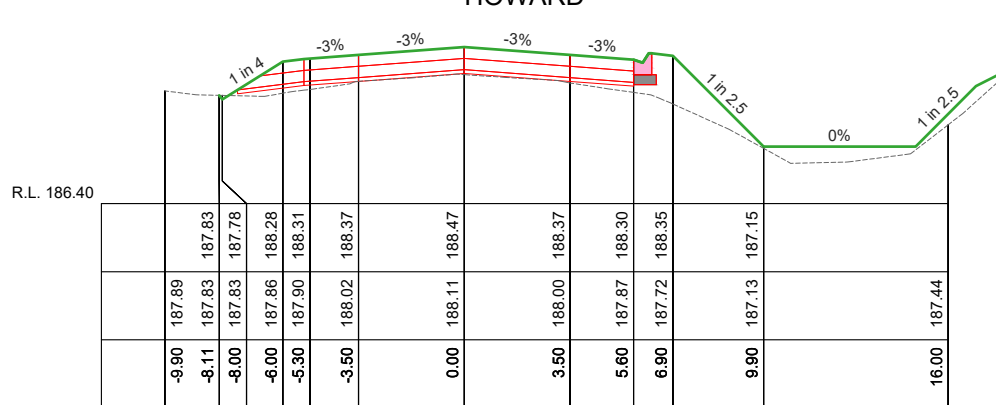
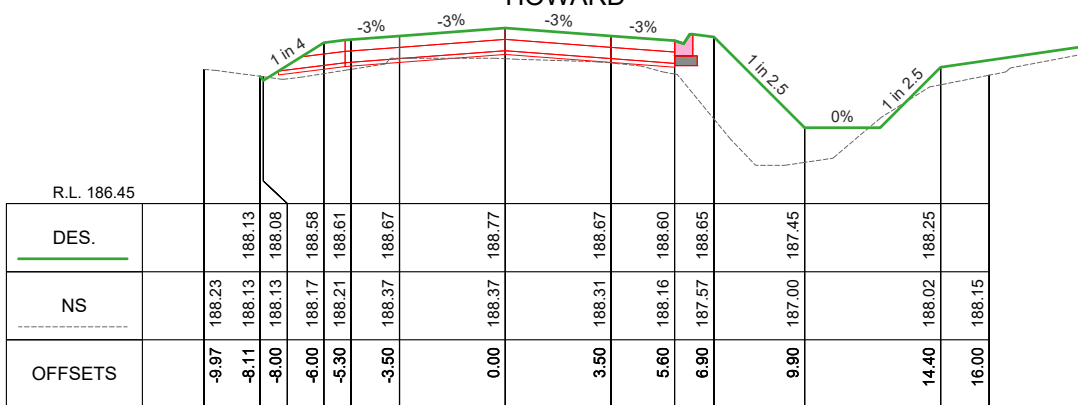
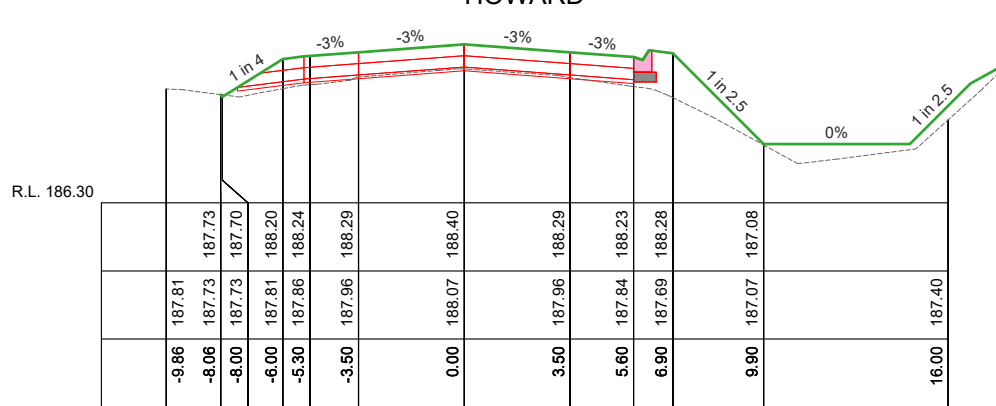
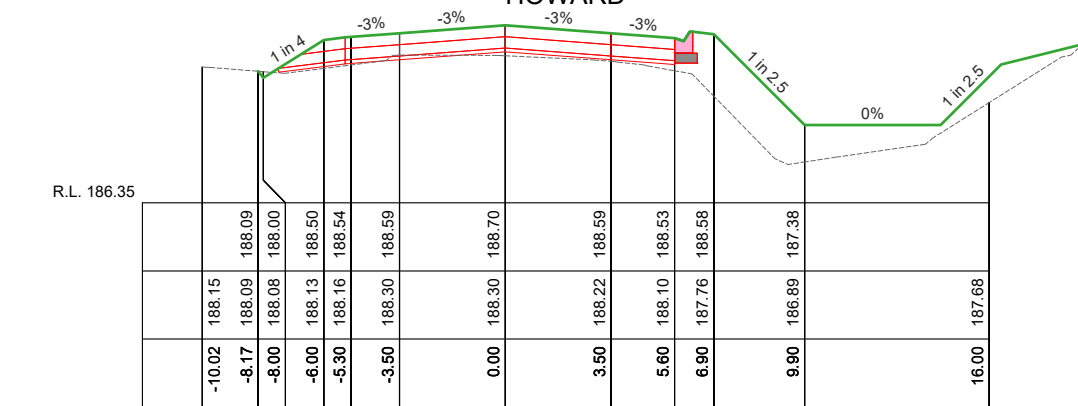
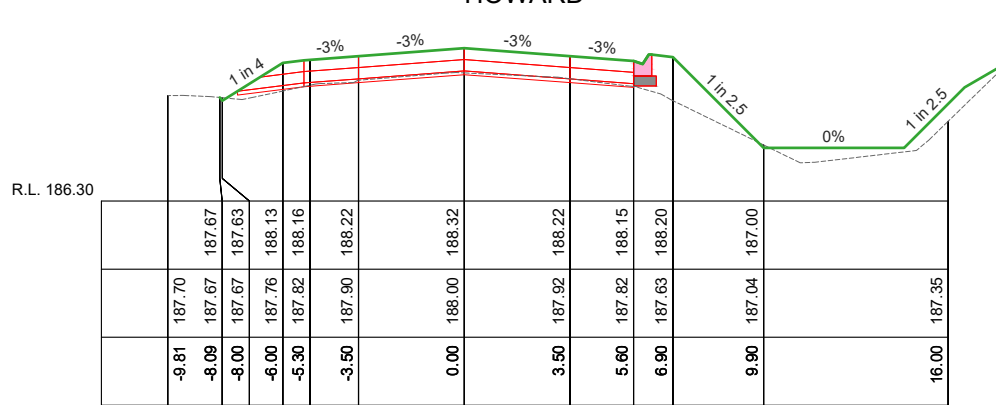
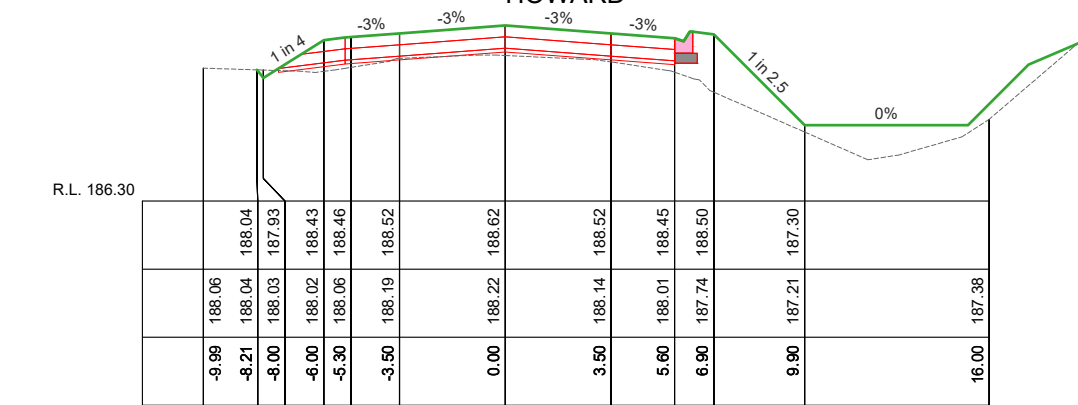
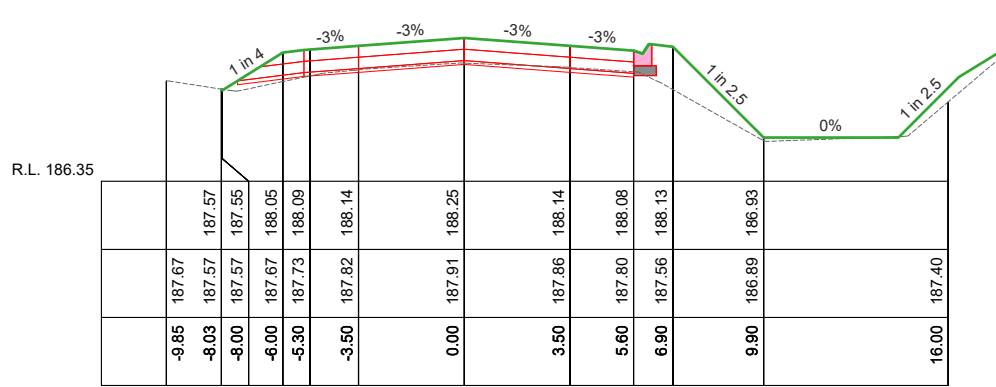
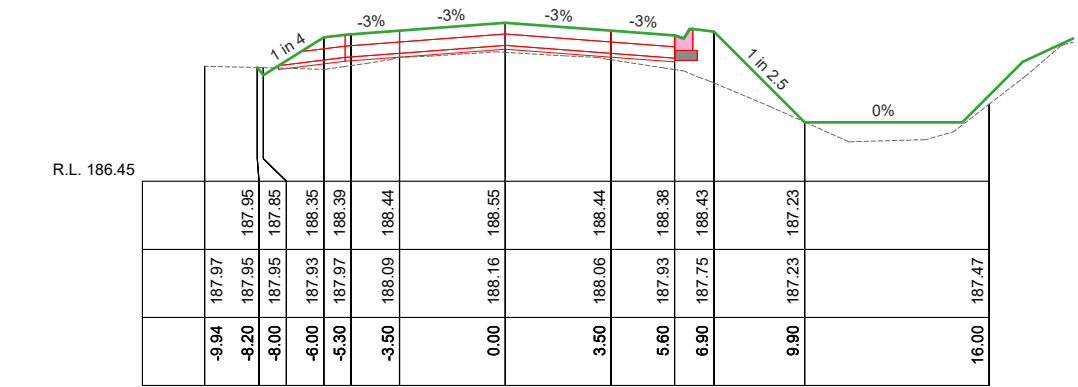
**CONCEPT 6.0 PLAN
FOR GENERAL COMMENT**

PROJECT TITLE
HOWARD STREET
EPSOM
ROAD RECONSTRUCTION
GB5117

SHEET DETAILS
Sheet: 32 OF 69
Scale: AS SHOWN A3
Plot Date: 02/04/2024 By: Leigh Oliver

AMENDMENTS

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



HOWARD STREET CROSS SECTIONS
SCALES: H 1:250 V 1:100 (A3)

Ch 250.00
HOWARD

Ch 290.00
HOWARD



PROJECT DESIGN STATUS

Surveyor	H. WHYTOCK	JAN. 2023
Designer	L. OLIVER	APR. 2023
Draft Checked	A. SMITH	xx/xx/23
Tender Approved	N. SARTORI	xx/xx/23

CONCEPT 6.0 PLAN
FOR GENERAL COMMENT

PROJECT TITLE

HOWARD STREET
EPSOM
ROAD RECONSTRUCTION
GB5117

SHEET DETAILS

HOWARD STREET
CROSS SECTIONS

Sheet: 33 OF 69
Scale: AS SHOWN A3
Plot Date: 02/04/2024 By: Leigh Oliver

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



Ch 360.00
HOWARD



Ch 400.00
HOWARD



Ch 440.00
HOWARD



Ch 350.00
HOWARD



Ch 390.00
HOWARD



Ch 430.00
HOWARD



Ch 340.00
HOWARD



Ch 380.00
HOWARD



Ch 420.00
HOWARD



HOWARD STREET CROSS SECTIONS
 SCALES: H 1:250 V 1:100 (A3)

Ch 330.00
HOWARD



Ch 370.00
HOWARD



Ch 410.00
HOWARD



CONCEPT 6.0 PLAN FOR GENERAL COMMENT

Reference:

GB5117

HOWARD STREET CROSS SECTIONS	Sheet: 34 OF 69 Scale: AS SHOWN A3 Plot Date: 02/04/2024 By: Leigh Oliver
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AMENDMENTS			
Revision	Description	Approved by	Date
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Ch 480.00
HOWARD



Ch 520.00
HOWARD



Ch 560.00
HOWARD



Ch 470.00
HOWARD



Ch 510.00
HOWARD



Ch 550.00
HOWARD



Ch 460.00
HOWARD



Ch 500.00
HOWARD



Ch 540.00
HOWARD



HOWARD STREET CROSS SECTIONS
 SCALES: H 1:250 V 1:100 (A3)

Ch 450.00
HOWARD



Ch 490.00
HOWARD



Ch 530.00
HOWARD

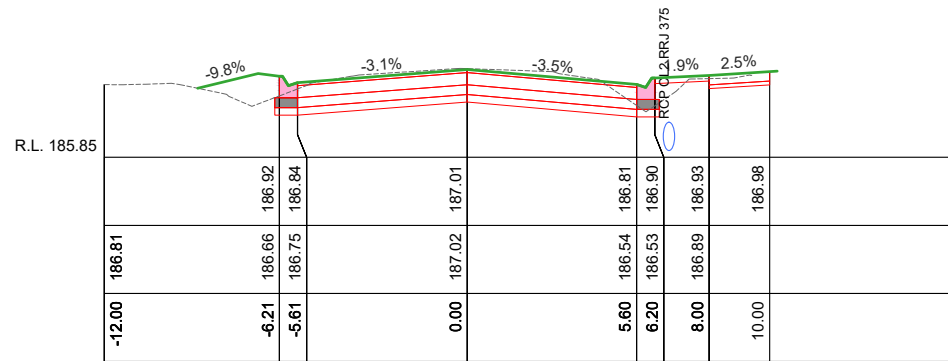


PROJECT DESIGN STATUS		
Surveyor	H. WHYTOCK	JAN. 2023
Designer	L. OLIVER	APR. 2023
Draft Checked	A. SMITH	xx/xx/23
Tender Approved	N. SARTORI	xx/xx/23

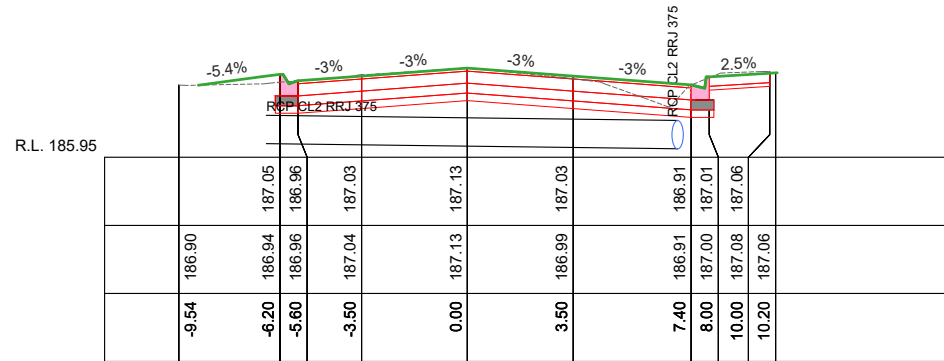
CONCEPT 6.0 PLAN FOR GENERAL COMMENT

PROJECT TITLE	
Location:	HOWARD STREET
Suburb:	EPSOM
Works:	ROAD RECONSTRUCTION
Reference:	GB5117

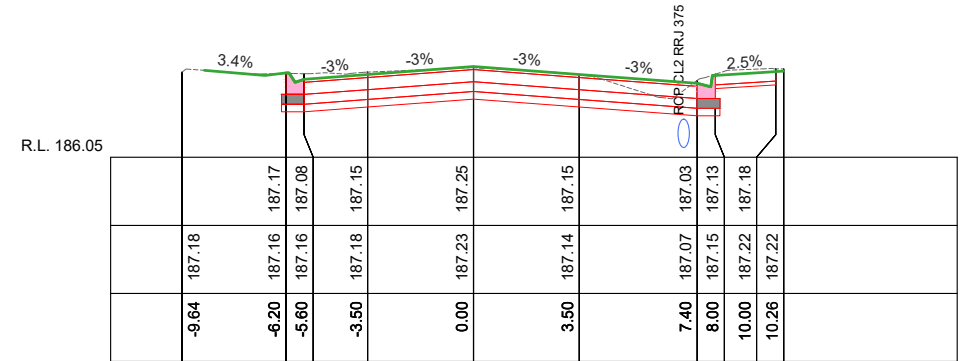
SHEET DETAILS			
HOWARD STREET CROSS SECTIONS		Sheet: 35 OF 69	
		Scale: AS SHOWN	A3
		Plot Date: 02/04/2024 By: Leigh Oliver	
AMENDMENTS			
Revision	Description	Approved by	Date
-	-	-	-
-	-	-	-



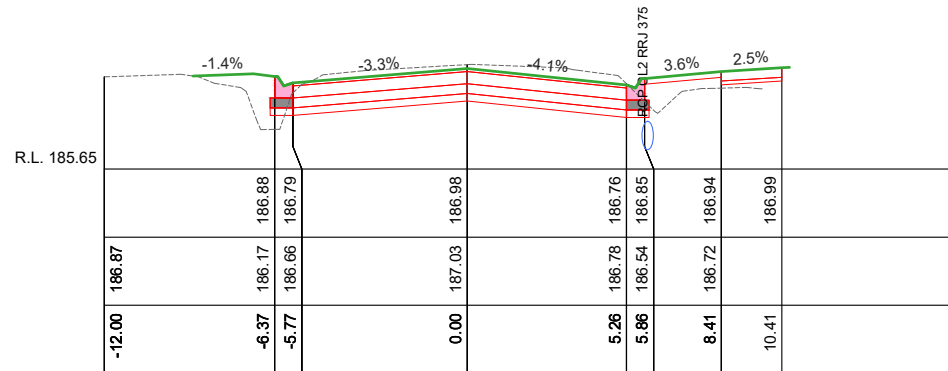
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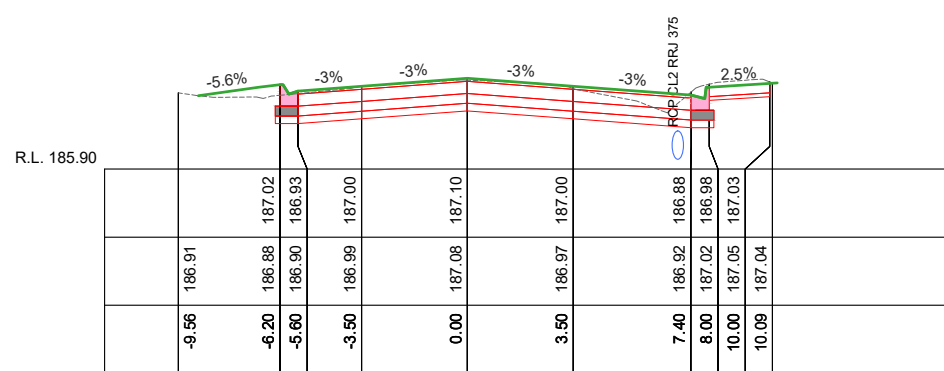
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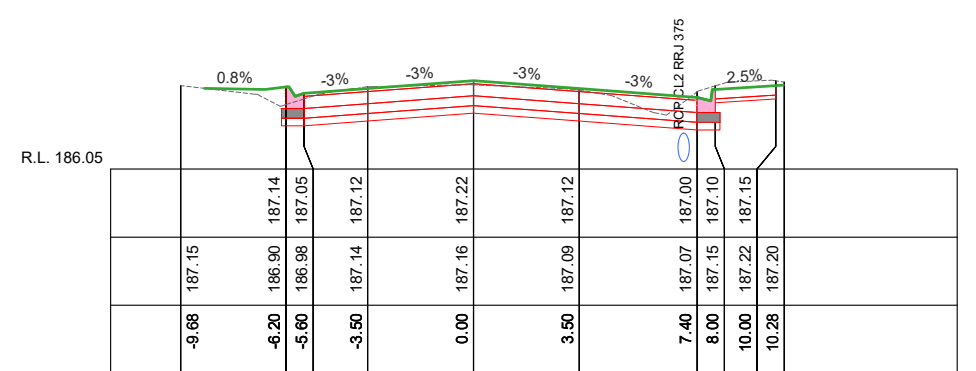
Ch 810.00
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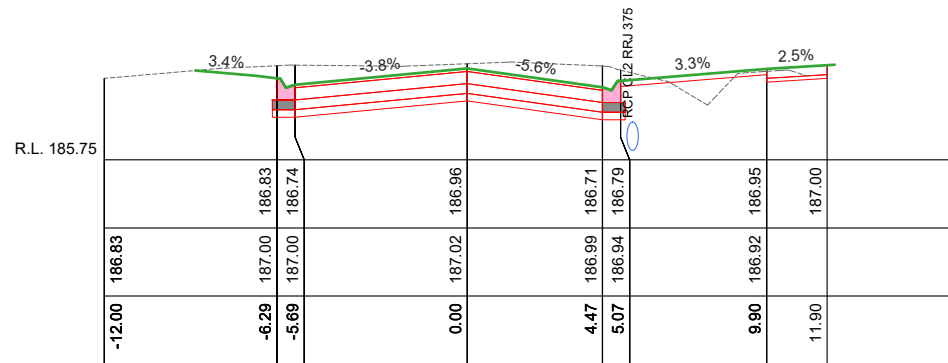
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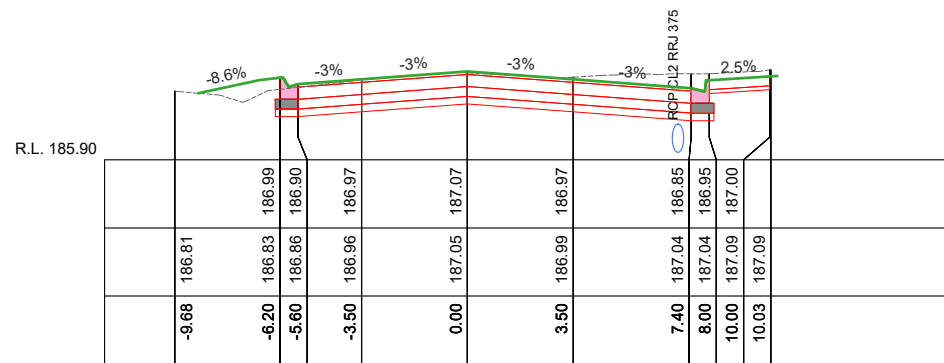
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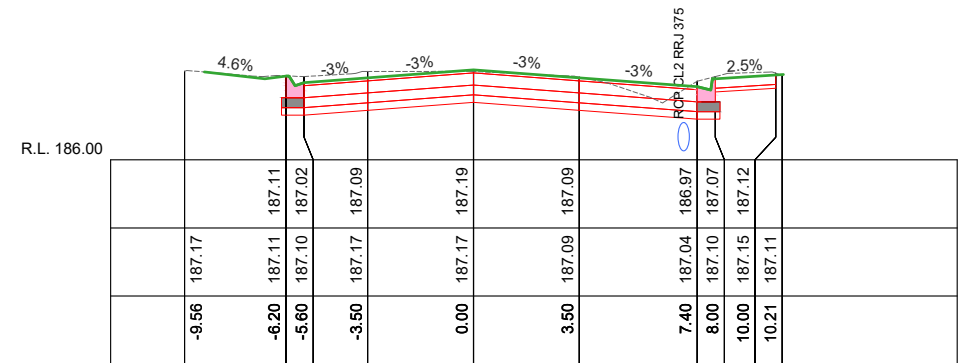
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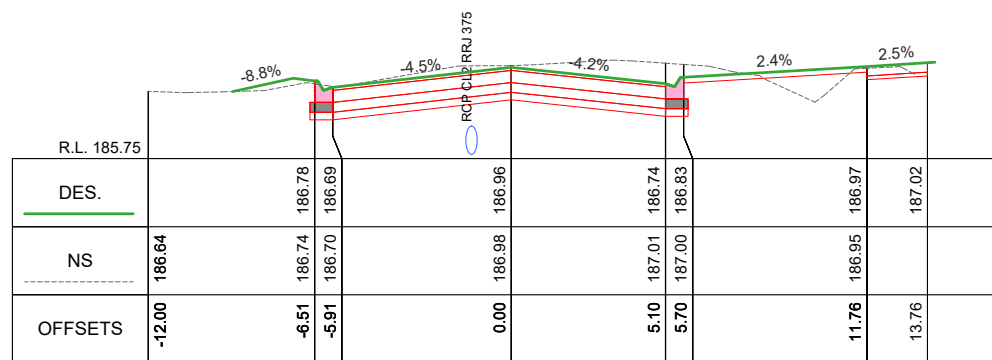
Ch 710.00
HOWARD



Ch 750.00
HOWARD

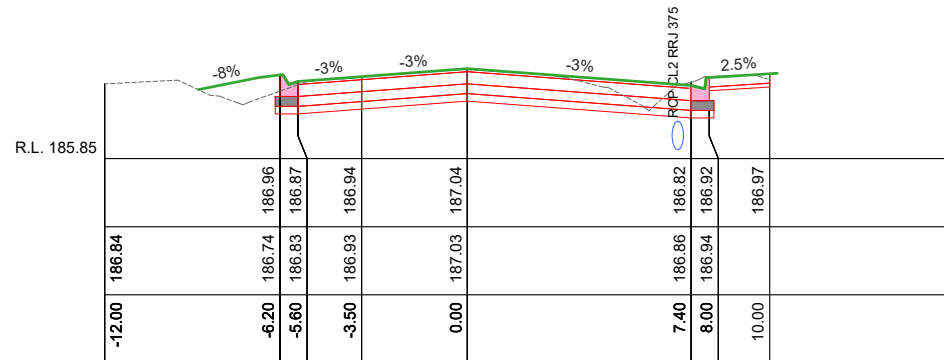


Ch 790.00
HOWARD

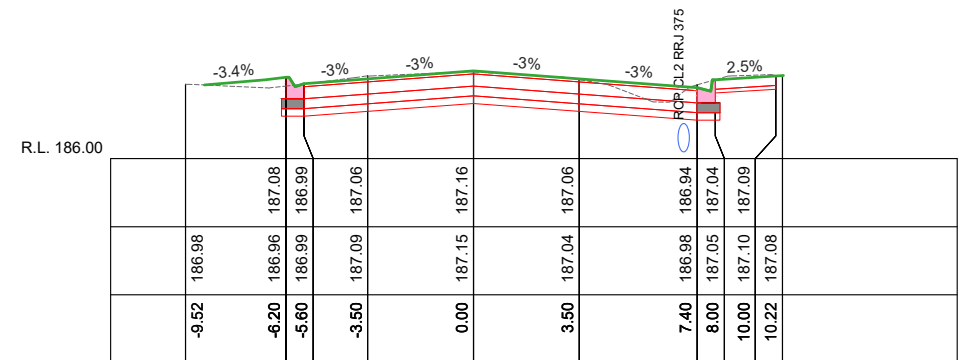


HOWARD STREET CROSS SECTIONS
SCALES: H 1:250 V 1:100 (A3)

Ch 700.00
HOWARD



Ch 740.00
HOWARD



Ch 780.00
HOWARD

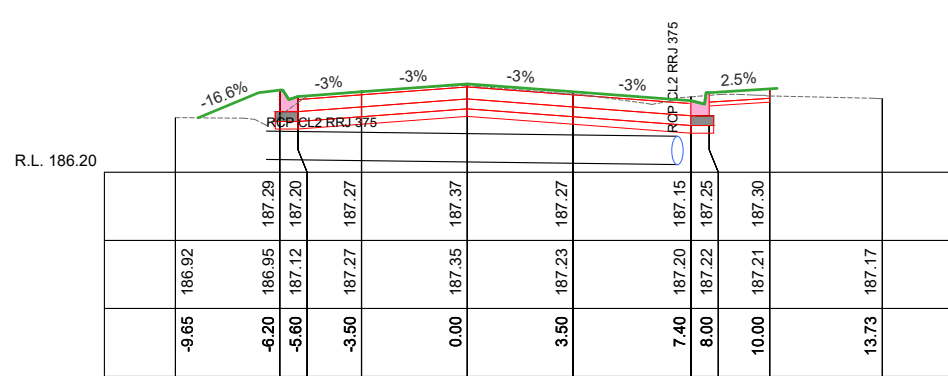


CITY OF GREATER
BENDIGO

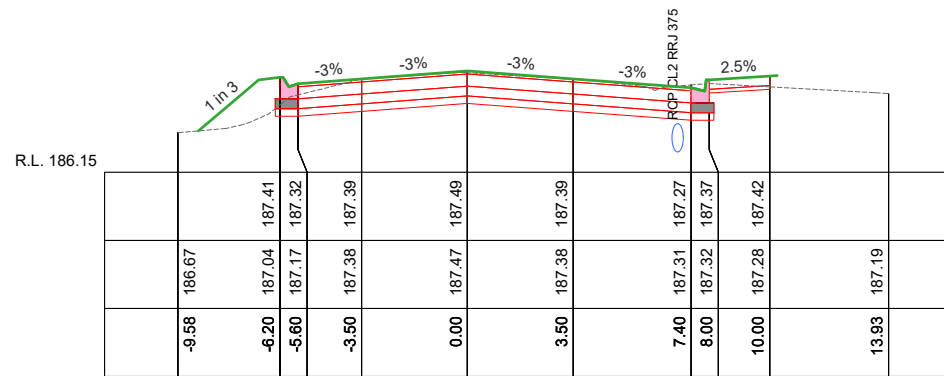
PROJECT DESIGN STATUS
Surveyor H. WHYTECK JAN. 2023
Designer L. OLIVER APR. 2023
Draft Checked A. SMITH xx/xx/23
Tender Approved N. SARTORI xx/xx/23
**CONCEPT 6.0 PLAN
FOR GENERAL COMMENT**

PROJECT TITLE
HOWARD STREET
EPSOM
ROAD RECONSTRUCTION
GB5117

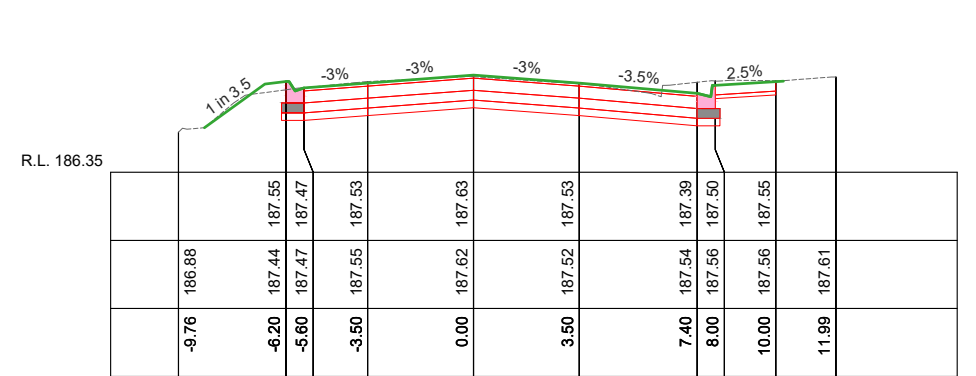
SHEET DETAILS
HOWARD STREET
CROSS SECTIONS
Sheet: 37 OF 69
Scale: AS SHOWN A3
Plot Date: 02/04/2024 By: Leigh Oliver
AMENDMENTS
Revision Description Approved by Date
- - - -
- - - -
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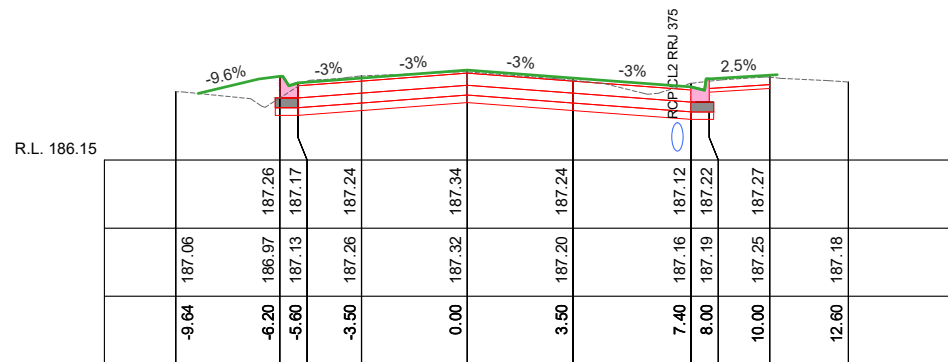
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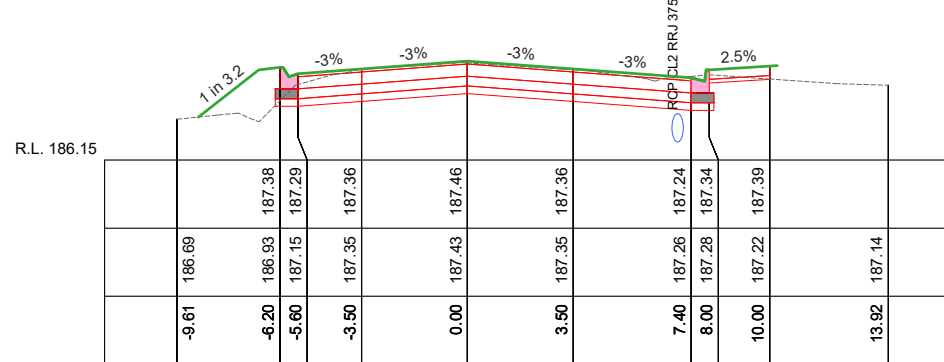
Ch 890.00
HOWARD



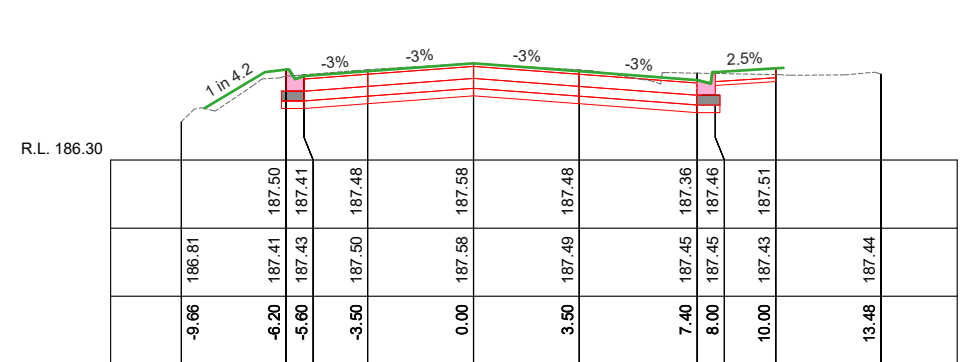
Ch 930.00
HOWARD



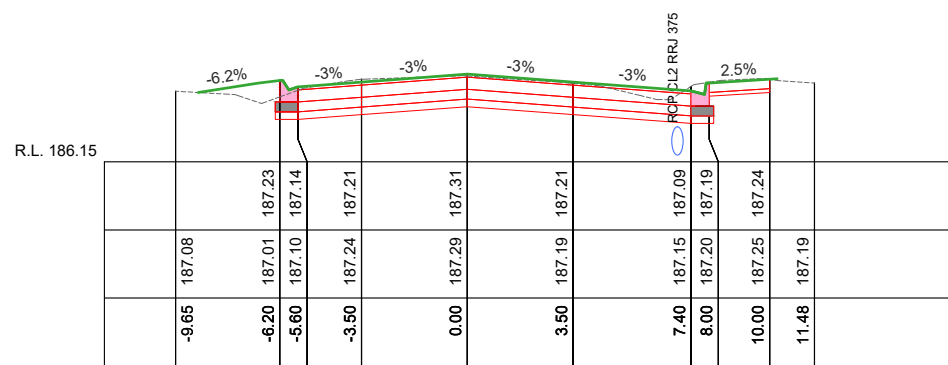
Ch 840.00
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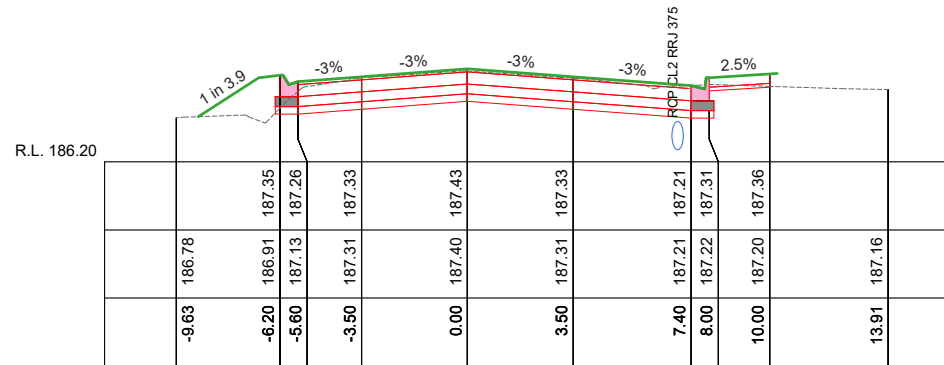
Ch 880.00
HOWARD



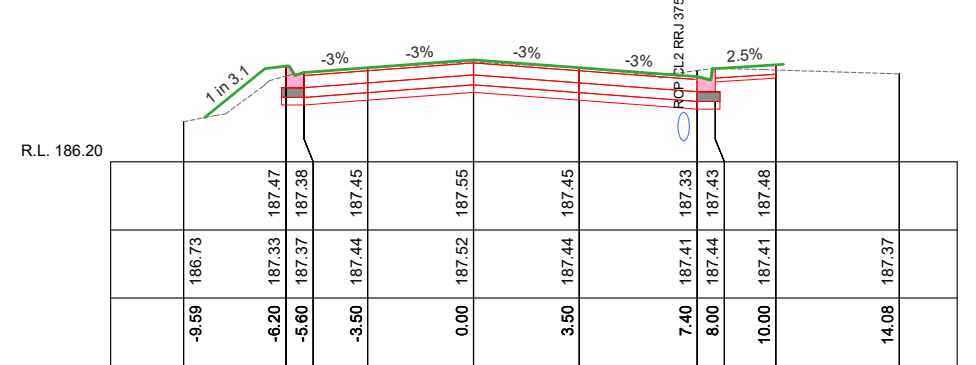
Ch 920.00
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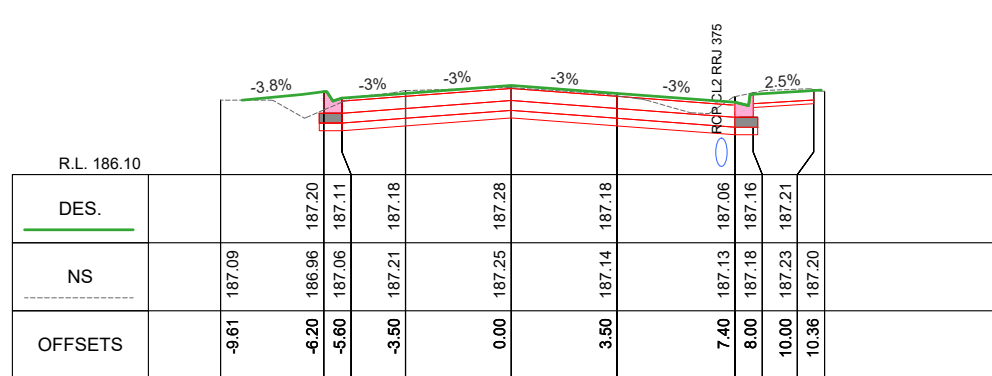
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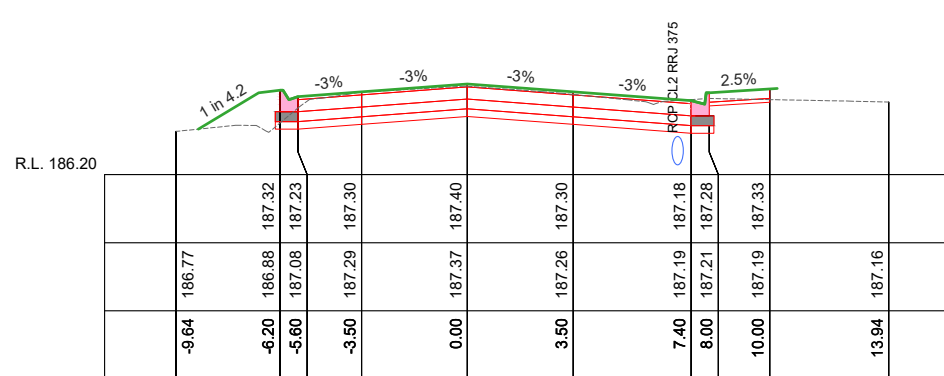
Ch 870.00
HOWARD



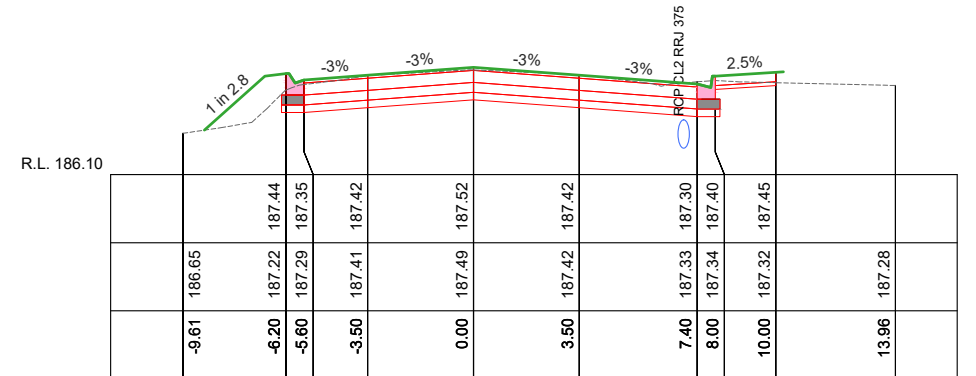
Ch 910.00
HOWARD



Ch 820.00
HOWARD



Ch 860.00
HOWARD



Ch 900.00
HOWARD

HOWARD STREET CROSS SECTIONS
SCALES: H 1:250 V 1:100 (A3)



PROJECT DESIGN STATUS
Surveyor H. WHYTOCK JAN. 2023
Designer L. OLIVER APR. 2023
Draft Checked A. SMITH xx/xx/23
Tender Approved N. SARTORI xx/xx/23

**CONCEPT 6.0 PLAN
FOR GENERAL COMMENT**

PROJECT TITLE
Location: HOWARD STREET
Suburb: EPSOM
Works: ROAD RECONSTRUCTION
Reference: GB5117

SHEET DETAILS
Sheet: 38 OF 69
Scale: AS SHOWN A3
Plot Date: 02/04/2024 By: Leigh Oliver

AMENDMENTS

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



Ch 970.00
HOWARD



Ch 1010.00
HOWARD



Ch 960.00
HOWARD



Ch 1000.00
HOWARD



Ch 950.00
HOWARD



Ch 990.00
HOWARD



HOWARD STREET CROSS SECTIONS
 SCALES: H 1:250 V 1:100 (A3)

Ch 940.00
HOWARD



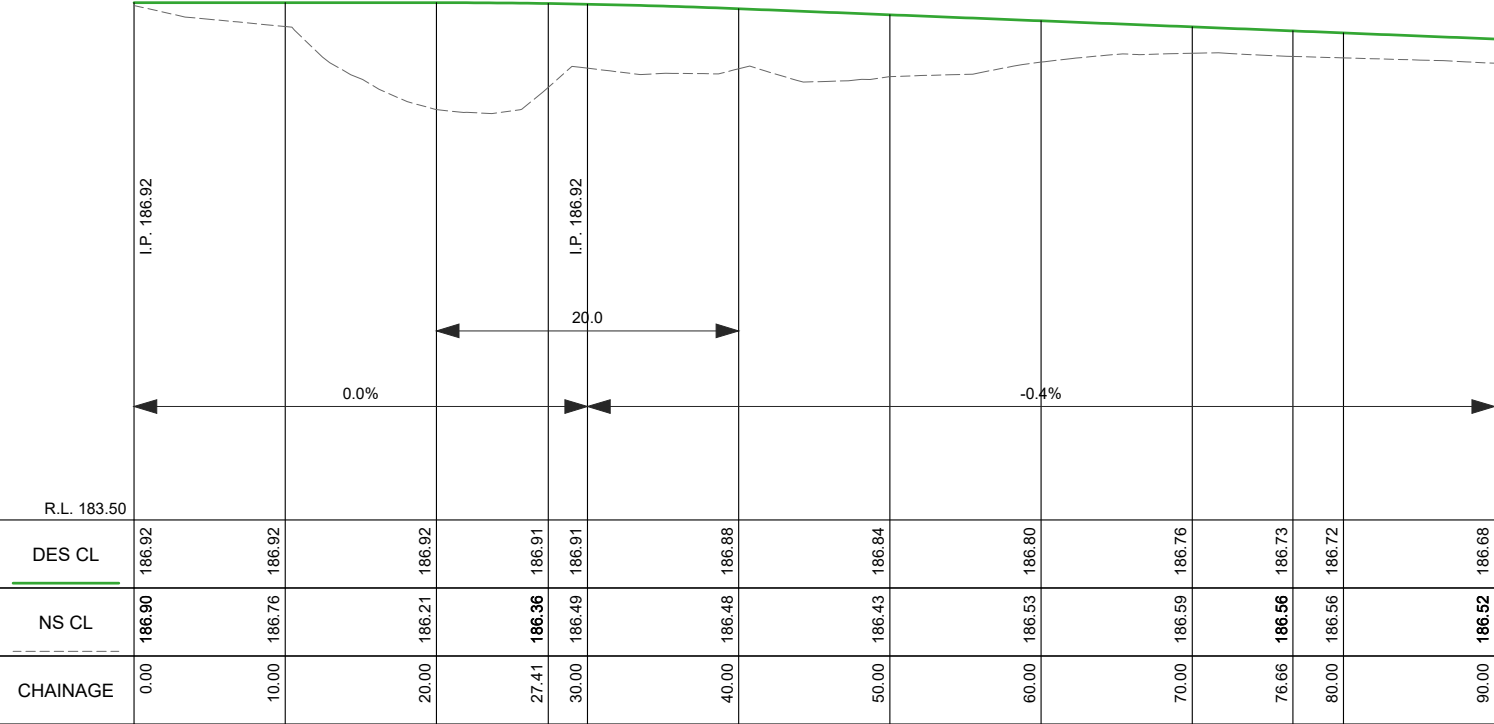
Ch 980.00
HOWARD



**CONCEPT 6.0 PLAN
FOR GENERAL COMMENT**

Location: HOWARD STREET
Suburb: EPSOM
Works: ROAD RECONSTRUCTION
Reference: GB5117

HOWARD STREET CROSS SECTIONS	Sheet: 39 OF 69
	Scale: AS SHOWN A3
	Plot Date: 02/04/2024 By: Leigh Oliver



WALLENJOE ROAD LONGITUDINAL SECTION CH 0.000 To 90.000
SCALES: H 1:500 V 1:50 (A3)

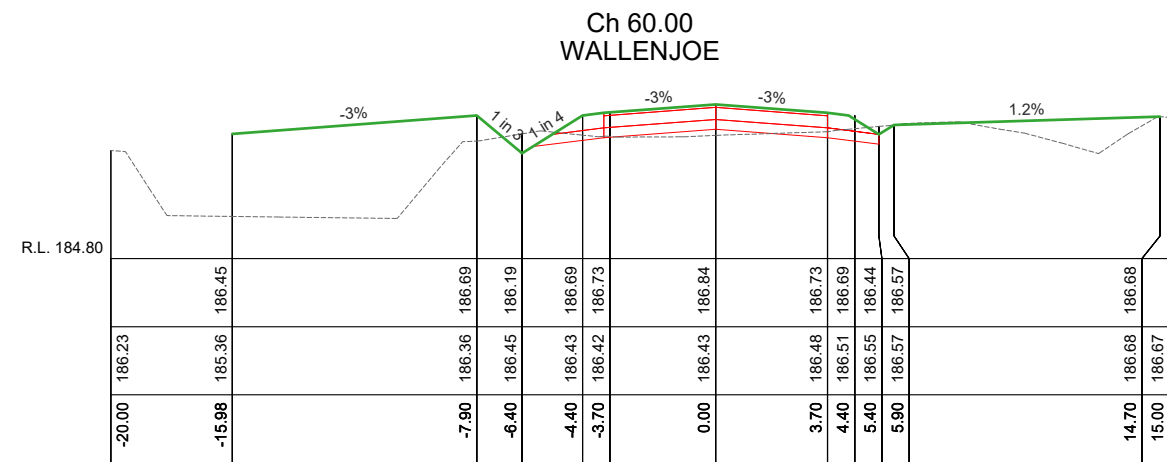
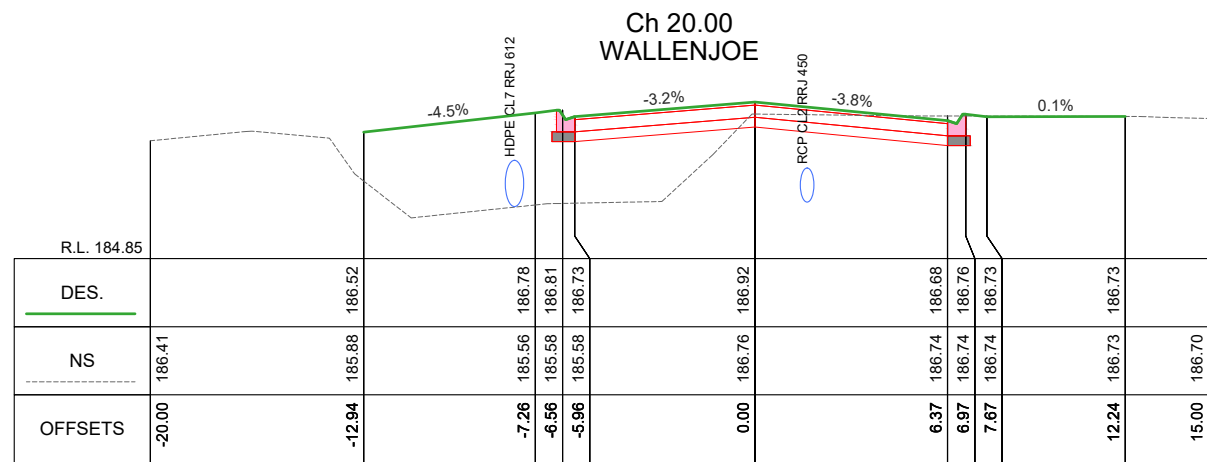
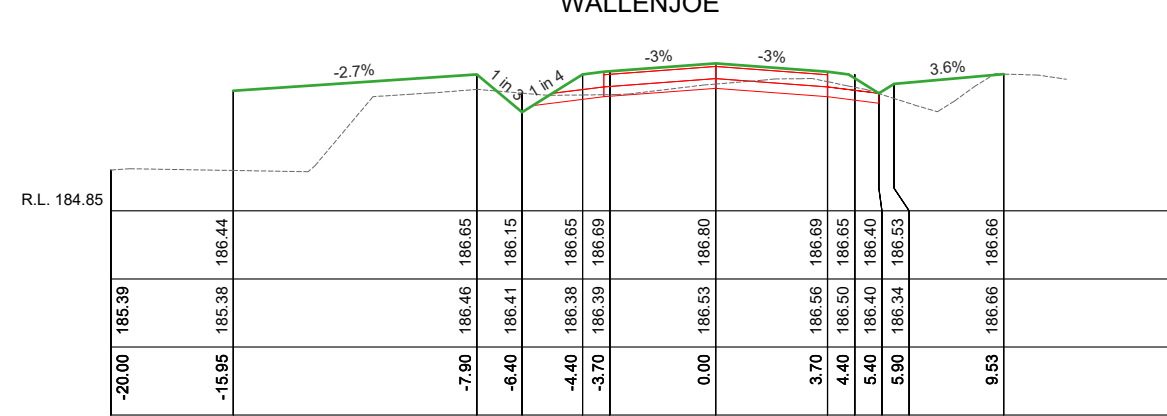
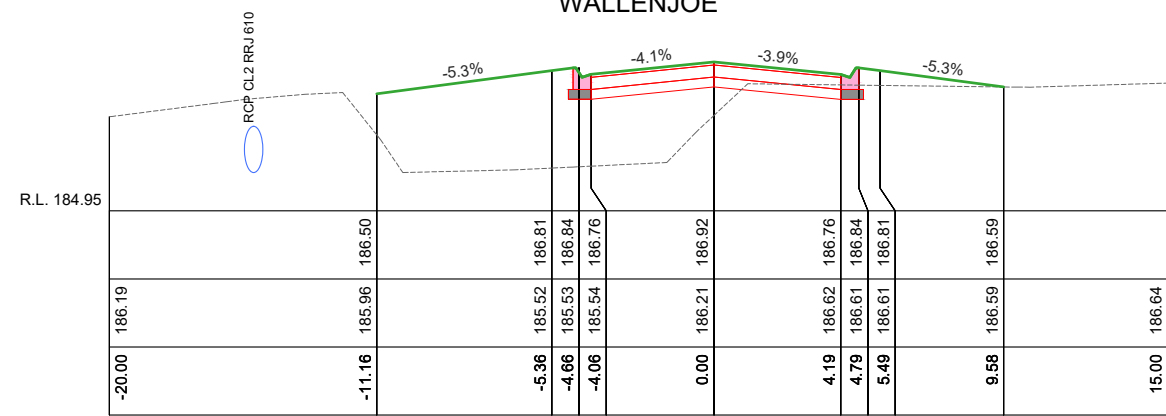
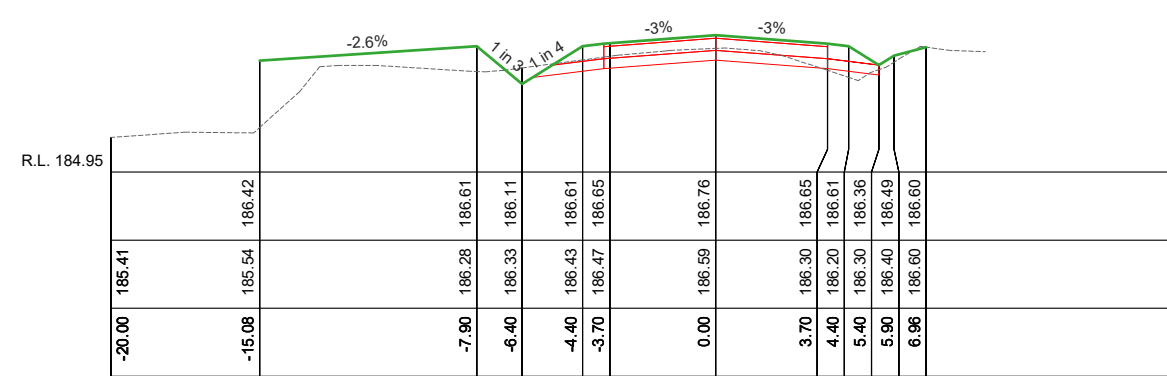
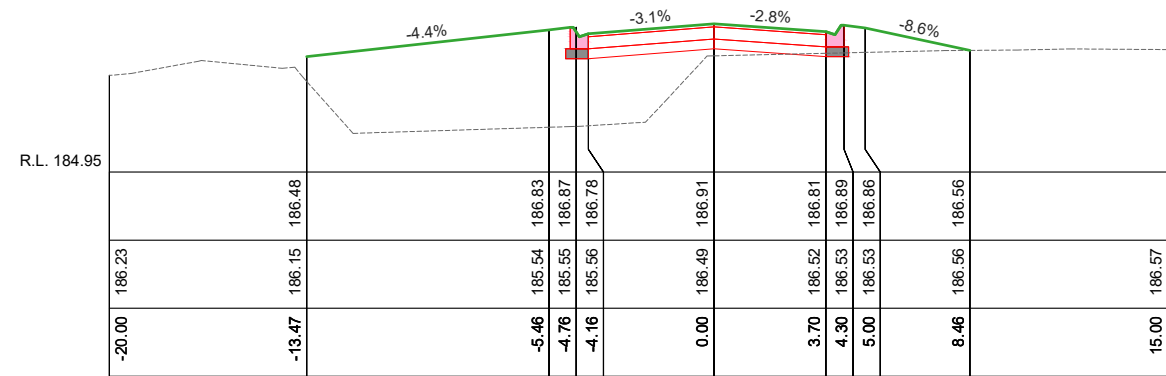
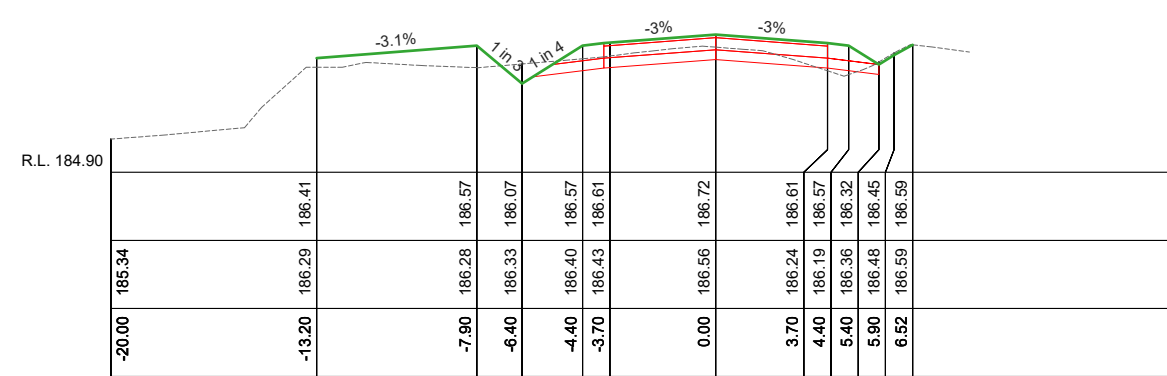
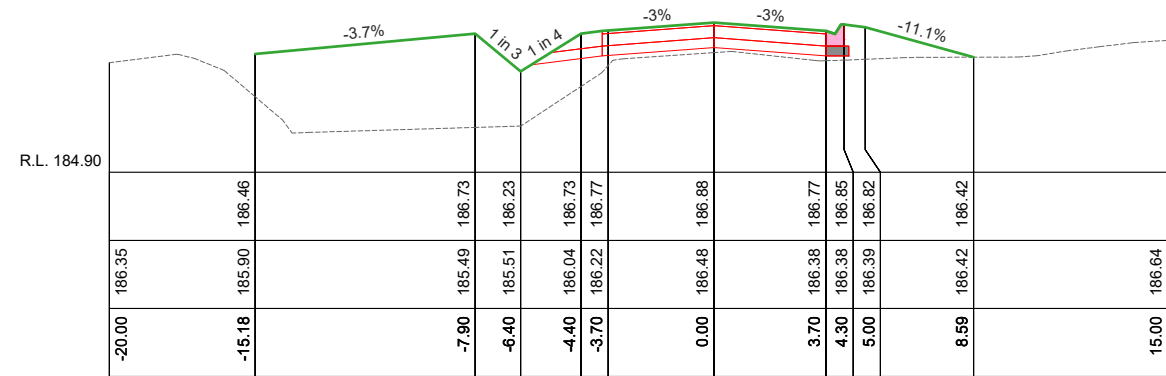


PROJECT DESIGN STATUS		
Surveyor	H. WHYTOCK	JAN. 2023
Designer	L. OLIVER	APR. 2023
Draft Checked	A. SMITH	xx/xx/23
Tender Approved	N. SARTORI	xx/xx/23

CONCEPT 6.0 PLAN
FOR GENERAL COMMENT

PROJECT TITLE	
Location:	HOWARD STREET
Suburb:	EPSOM
Works:	ROAD RECONSTRUCTION
Reference:	GB5117

SHEET DETAILS			
WALLENJOE ROAD LONG SECTION		Sheet:	40 OF 69
		Scale:	AS SHOWN A3
		Plot Date:02/04/2024 By:Leigh Oliver	
AMENDMENTS			
Revision	Description	Approved by	Date
-		-	-
-		-	-
-		-	-



WALLENJOE ROAD CROSS SECTIONS
SCALES: H 1:250 V 1:100 (A3)

Ch 10.00
WALLENJOE

Ch 50.00
WALLENJOE



PROJECT DESIGN STATUS
Surveyor: H. WHYTECK JAN. 2023
Designer: L. OLIVER APR. 2023
Draft Checked: A. SMITH xx/xx/23
Tender Approved: N. SARTORI xx/xx/23

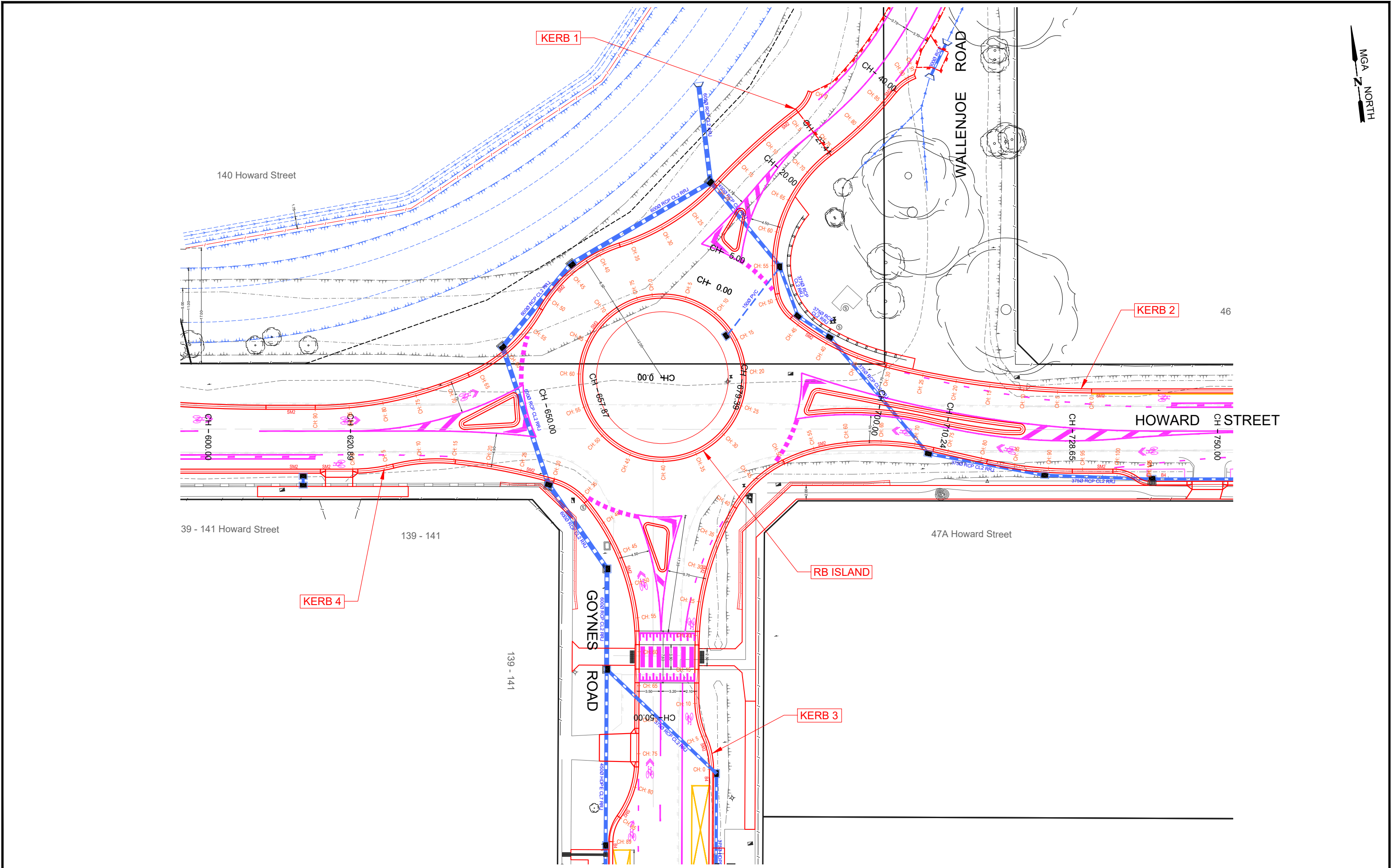
**CONCEPT 6.0 PLAN
FOR GENERAL COMMENT**

PROJECT TITLE
Location: HOWARD STREET
Suburb: EPSOM
Works: ROAD RECONSTRUCTION
Reference: GB5117

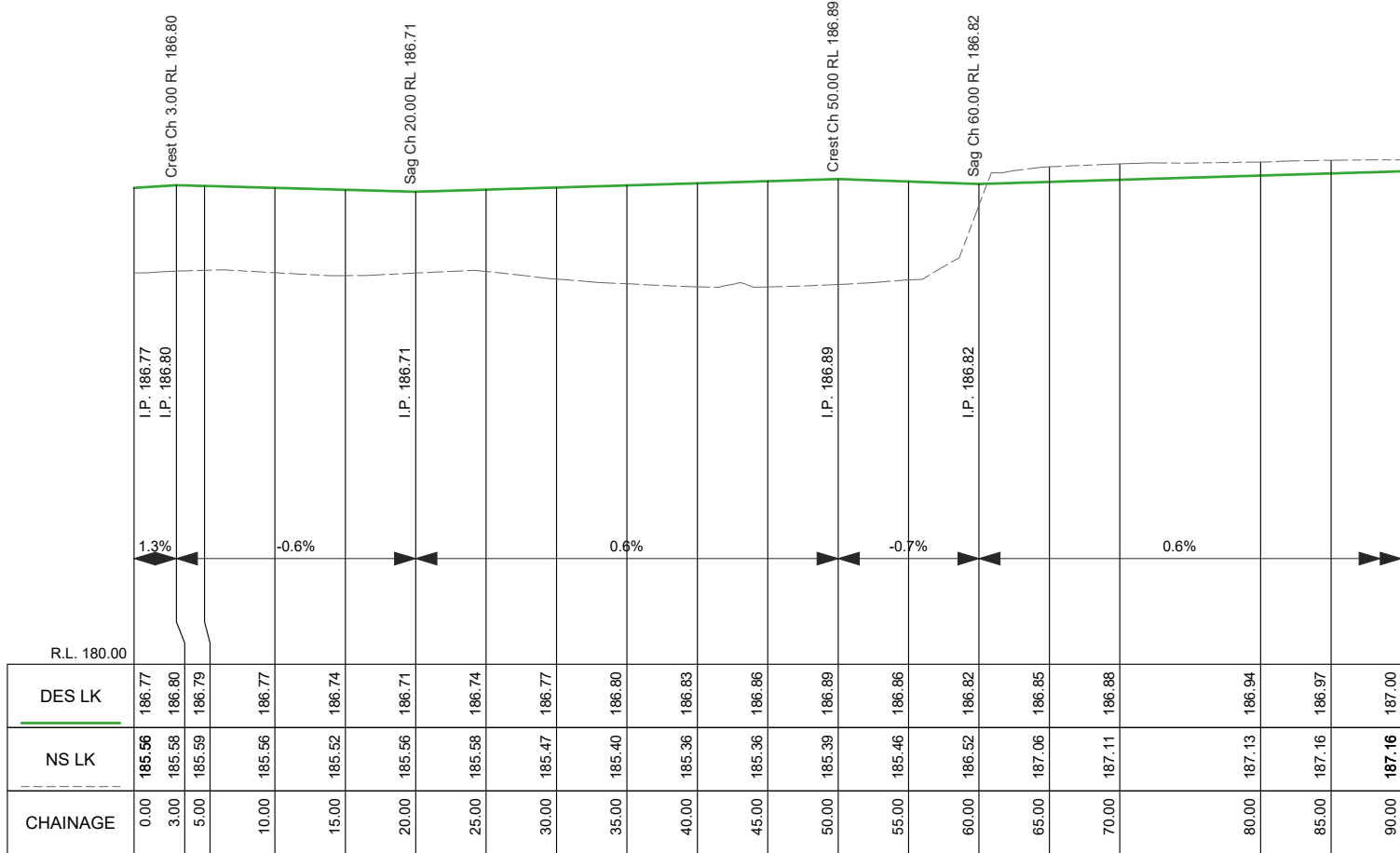
SHEET DETAILS
WALLENJOE ROAD CROSS SECTIONS
Sheet: 41 OF 69
Scale: AS SHOWN A3
Plot Date: 02/04/2024 By: Leigh Oliver

AMENDMENTS

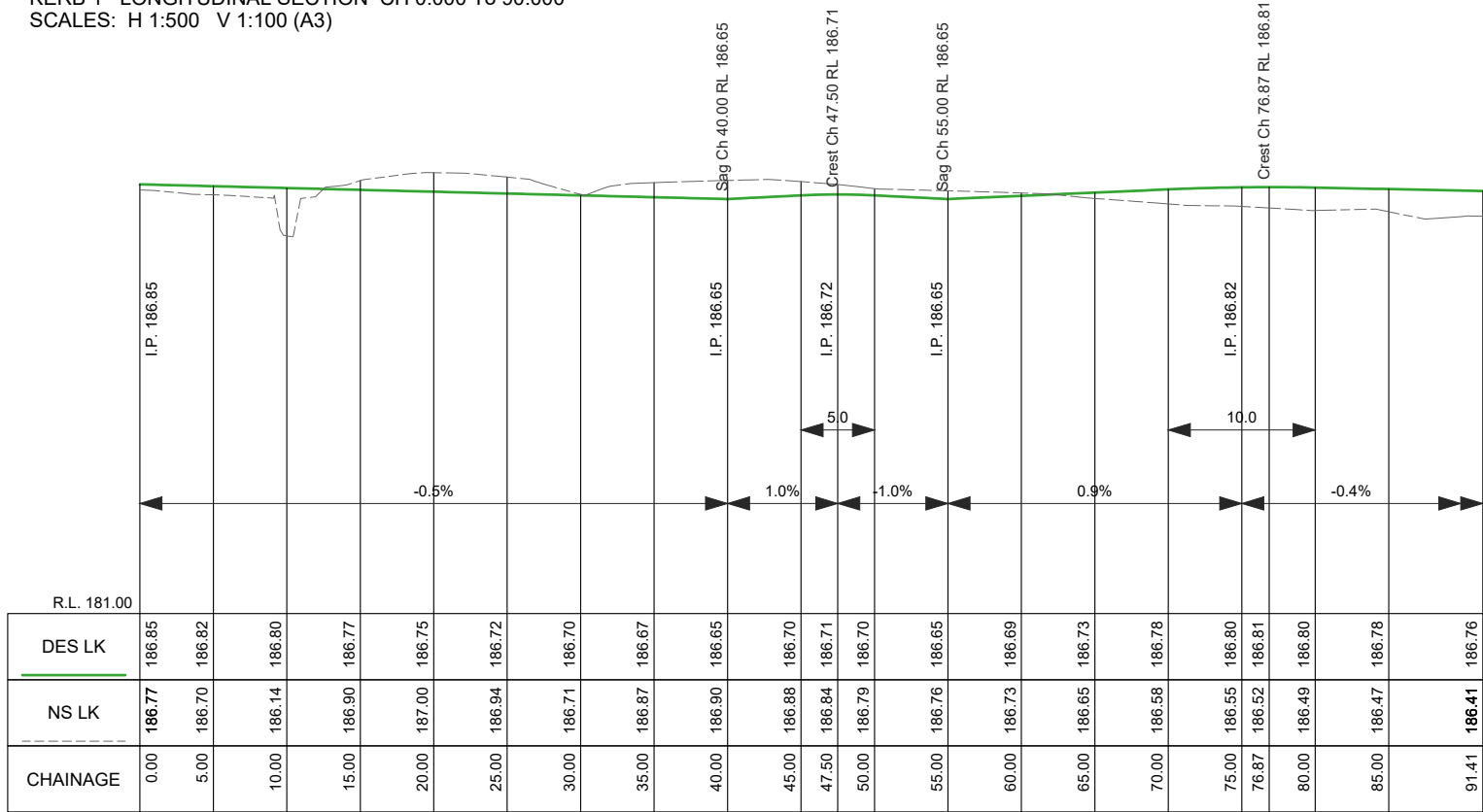
Revision	Description	Approved by	Date
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 CITY OF GREATER BENDIGO	PROJECT DESIGN STATUS			PROJECT TITLE		SHEET DETAILS			
	Surveyor	H. WHYTECK	JAN. 2023	Location:	HOWARD STREET	ROUNDABOUT KERB ALIGNMENT PLAN		Sheet: 42 OF 69	
	Designer	L. OLIVER	APR. 2023					Scale: 1:500	
	Draft Checked	A. SMITH	xx/xx/23					A3	
	Tender Approved	N. SARTORI	xx/xx/23					Plot Date:02/04/2024 By:Leigh Oliver	
	CONCEPT 6.0 PLAN FOR GENERAL COMMENT			Suburb:	EPSOM	AMENDMENTS			
			Works:	ROAD RECONSTRUCTION					
			Reference:	GB5117					
					</				



KERB 1 LONGITUDINAL SECTION CH 0.000 To 90.000
SCALES: H 1:500 V 1:100 (A3)



KERB 2 LONGITUDINAL SECTION CH 0.000 To 91.409
SCALES: H 1:500 V 1:100 (A3)

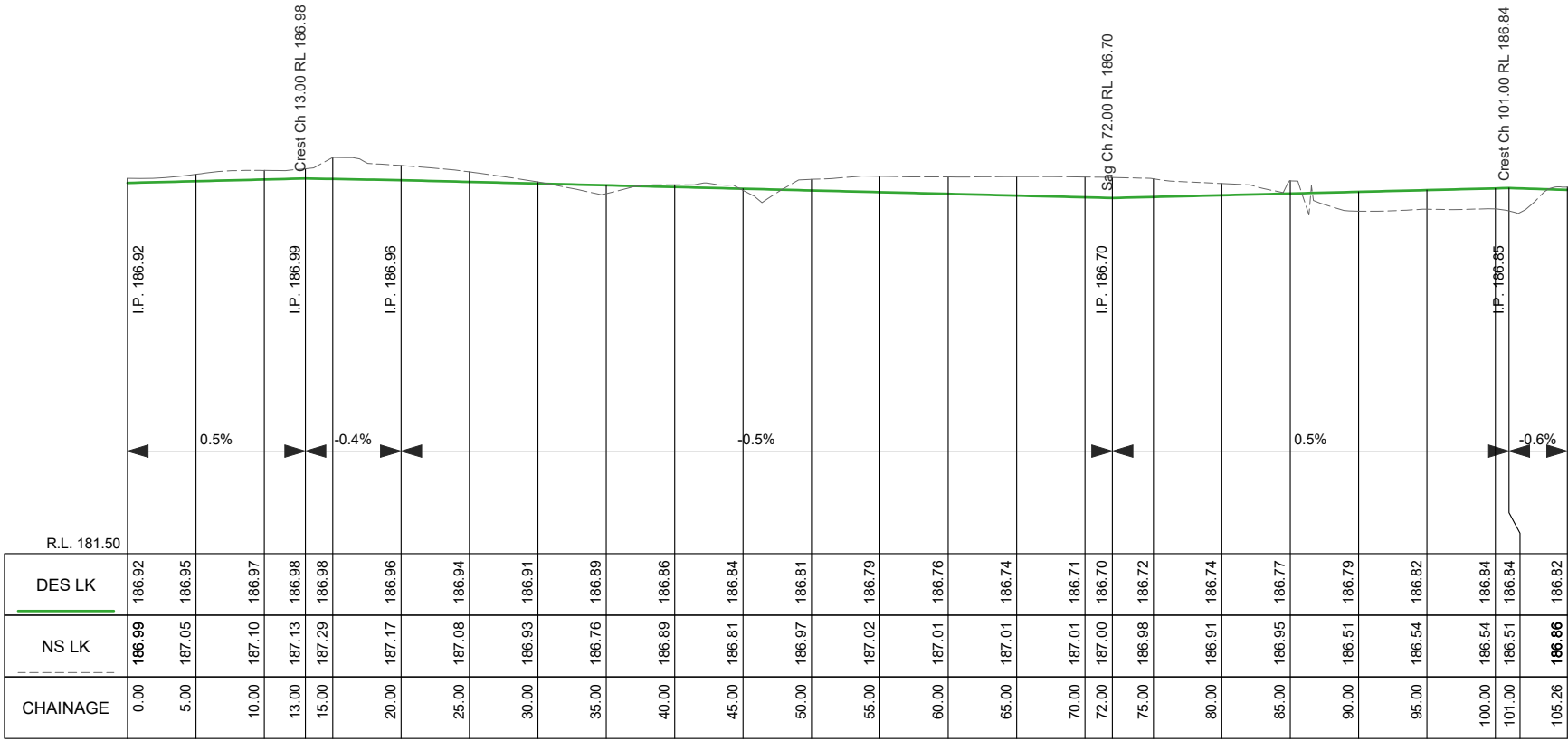


PROJECT DESIGN STATUS		
Surveyor	H. WHYTOCK	JAN. 2023
Designer	L. OLIVER	APR. 2023
Draft Checked	A. SMITH	xx/xx/23
Tender Approved	N. SARTORI	xx/xx/23

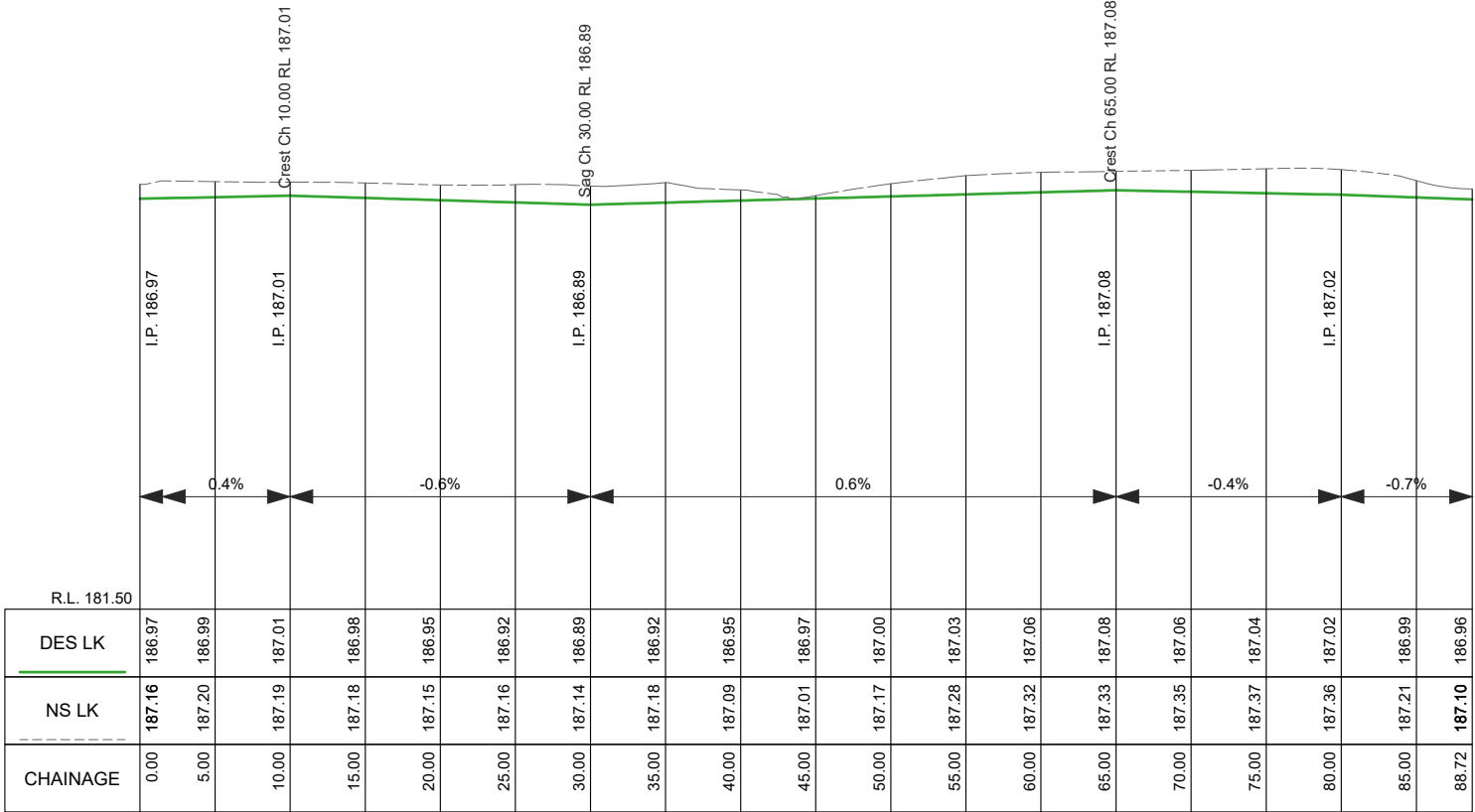
CONCEPT 6.0 PLAN
FOR GENERAL COMMENT

PROJECT TITLE	
Location:	HOWARD STREET
Suburb:	EPSOM
Works:	ROAD RECONSTRUCTION
Reference:	GB5117

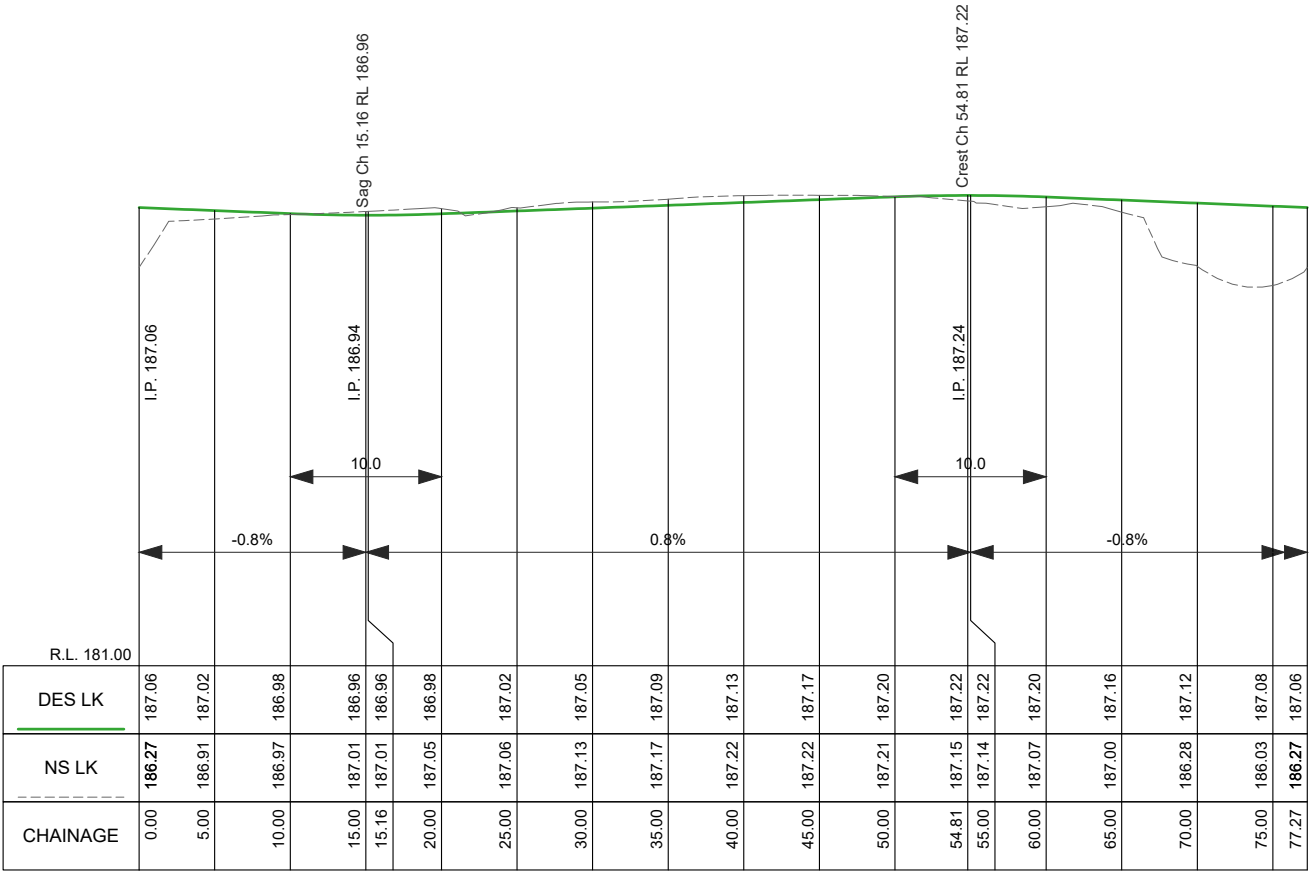
SHEET DETAILS			
ROUNDAABOUT KERB LONG SECTIONS			Sheet: 43 OF 69
			Scale: AS SHOWN A3
			Plot Date:02/04/2024 By:Leigh Oliver
AMENDMENTS			
Revision	Description	Approved by	Date
-	-	-	-
-	-	-	-
-	-	-	-



KERB 3 LONGITUDINAL SECTION CH 0.000 To 105.264
SCALES: H 1:500 V 1:100 (A3)



KERB 4 LONGITUDINAL SECTION CH 0.000 To 88.725
SCALES: H 1:500 V 1:100 (A3)



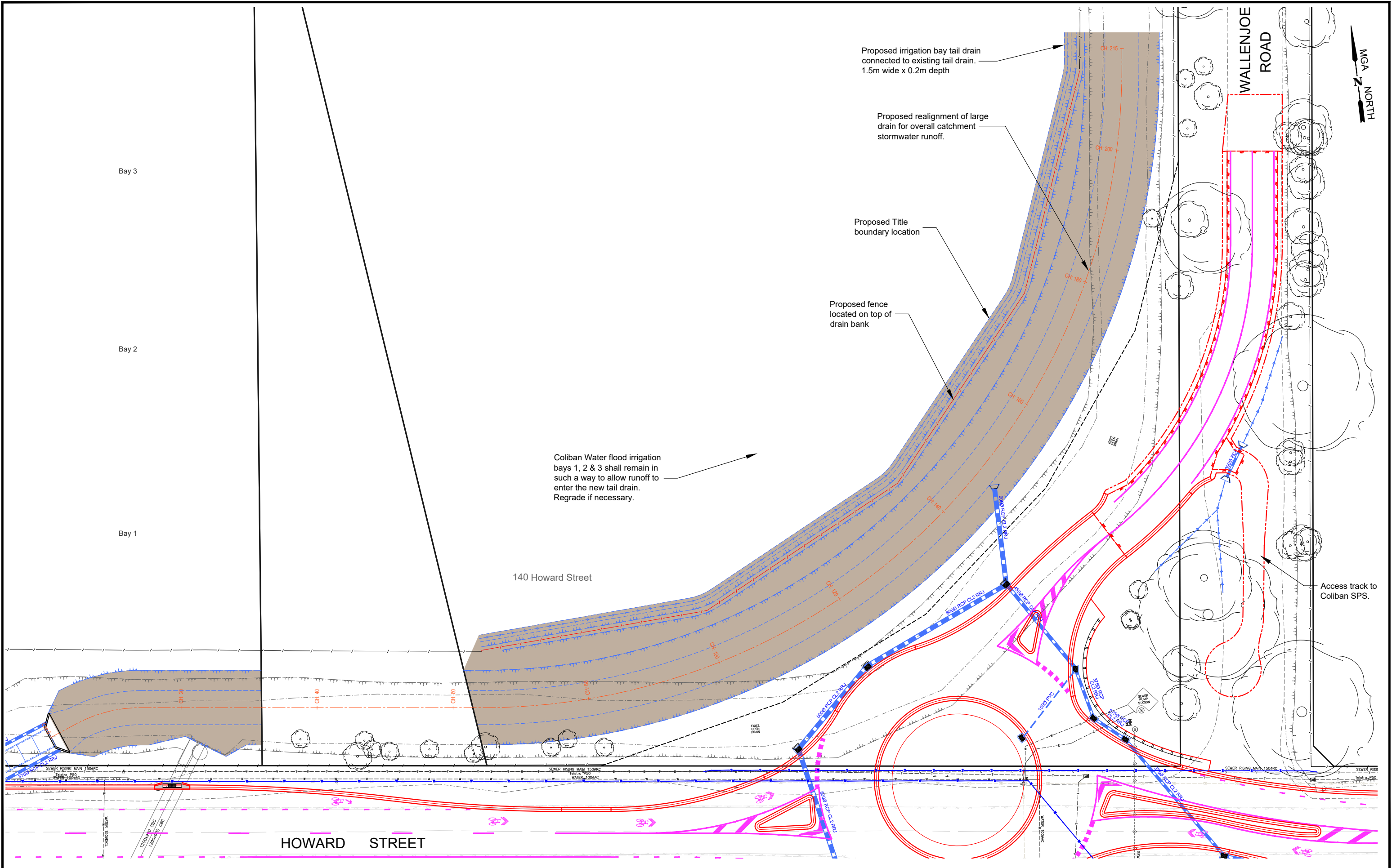
RB ISLAND LONGITUDINAL SECTION CH 0.000 To 77.272
SCALES: H 1:500 V 1:100 (A3)



PROJECT DESIGN STATUS		
Surveyor	H. WHYTOCK	JAN. 2023
Designer	L. OLIVER	APR. 2023
Draft Checked	A. SMITH	xx/xx/23
Tender Approved	N. SARTORI	xx/xx/23
CONCEPT 6.0 PLAN FOR GENERAL COMMENT		

PROJECT TITLE	
Location:	HOWARD STREET
Suburb:	EPSOM
Works:	ROAD RECONSTRUCTION
Reference:	GB5117

SHEET DETAILS			
ROUNDAABOUT KERB LONG SECTIONS		Sheet:	45 OF 69
		Scale:	AS SHOWN A3
		Plot Date:02/04/2024 By:Leigh Oliver	
AMENDMENTS			
Revision	Description	Approved by	Date
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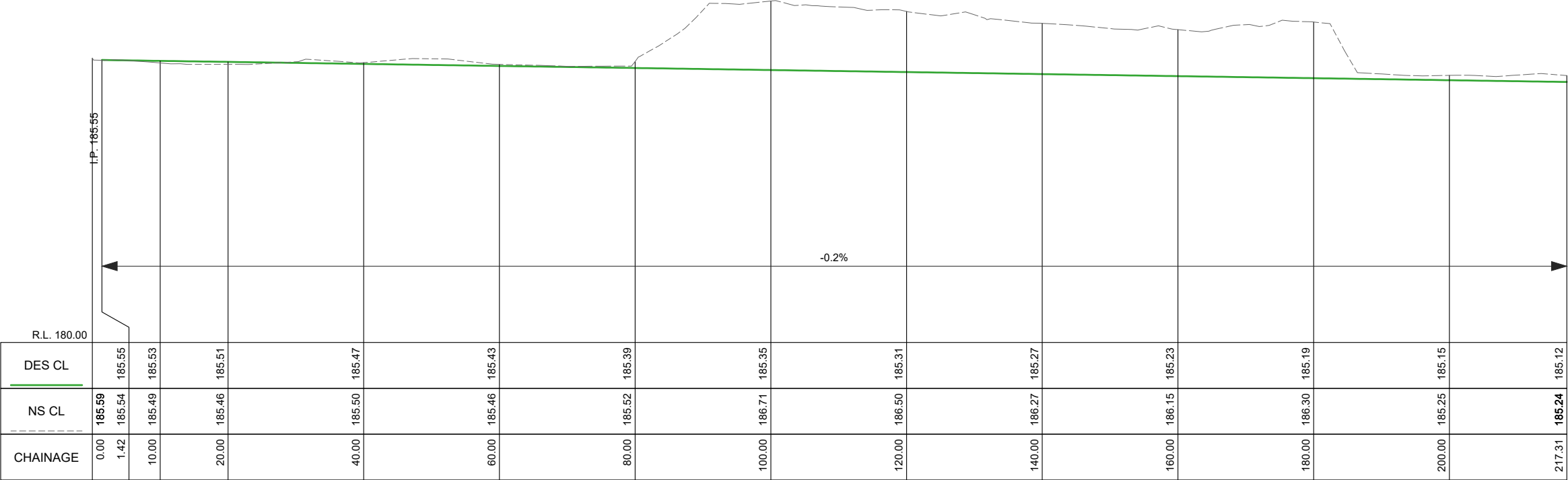


PROJECT DESIGN STATUS		
Surveyor	H. WHYTECK	JAN. 2023
Designer	L. OLIVER	APR. 2023
Draft Checked	A. SMITH	xx/xx/23
Tender Approved	N. SARTORI	xx/xx/23

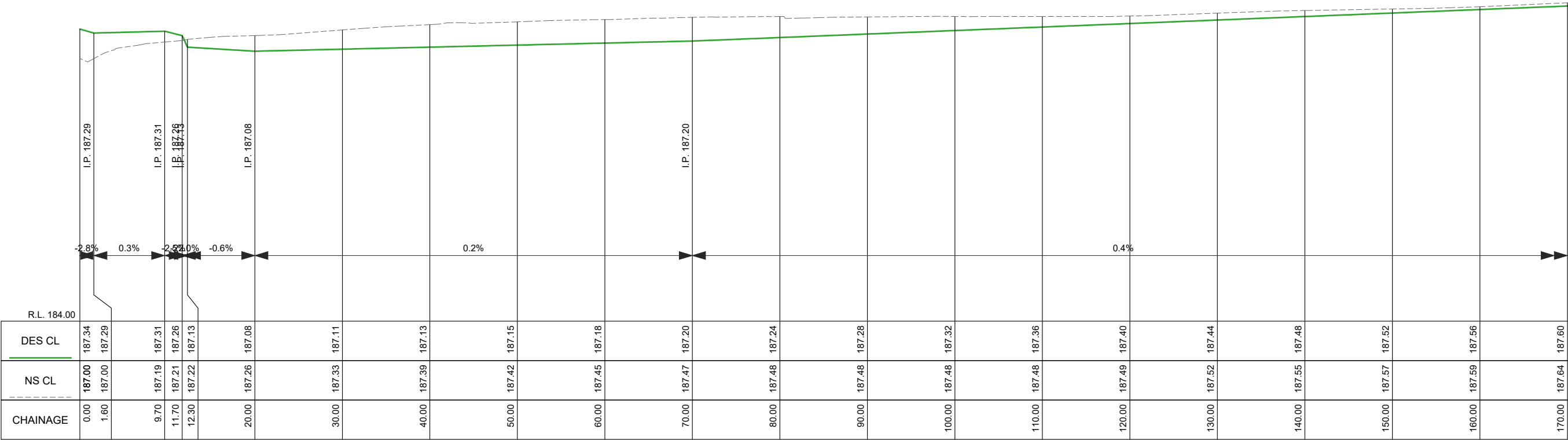
**CONCEPT 6.0 PLAN
FOR GENERAL COMMENT**

PROJECT TITLE	
Location:	HOWARD STREET
Suburb:	EPSOM
Works:	ROAD RECONSTRUCTION
Reference:	GB5117

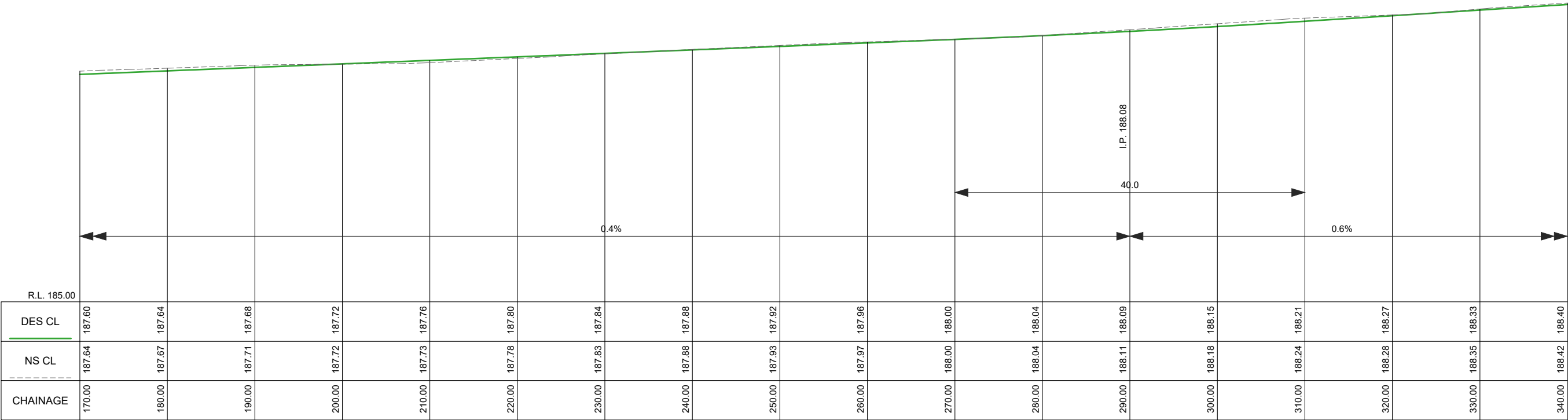
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OPEN DRAIN REALIGNMENT PLAN		Sheet: 46 OF 69	A3
		Scale: 1:500	
		Plot Date:02/04/2024 By:Leigh Oliver	
AMENDMENTS			
Revision	Description	Approved by	Date
-	-	-	-
-	-	-	-
-	-	-	-



OPEN DRAIN 1 LONGITUDINAL SECTION CH 0.000 To 217.308
SCALES: H 1:750 V 1:100 (A3)



GOYNES ROAD LONGITUDINAL SECTION CH 0.000 To 170.000
SCALES: H 1:500 V 1:50 (A3)



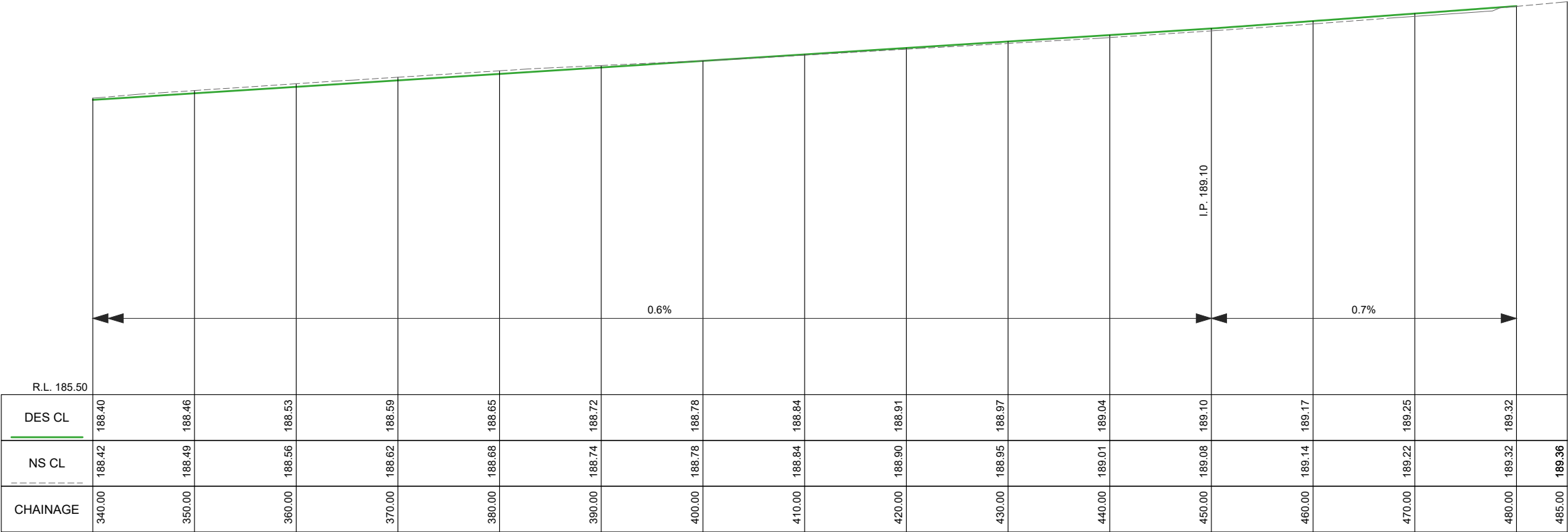
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SCALES: H 1:500 V 1:50 (A3)



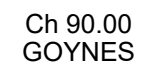
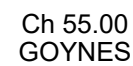
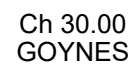
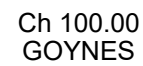
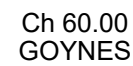
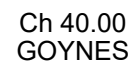
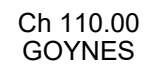
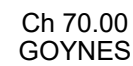
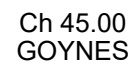
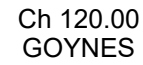
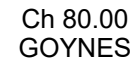
PROJECT DESIGN STATUS		
Surveyor	H. WHYTOK	JAN. 2023
Designer	L. OLIVER	APR. 2023
Draft Checked	A. SMITH	xx/xx/23
Tender Approved	N. SARTORI	xx/xx/23
CONCEPT 6.0 PLAN FOR GENERAL COMMENT		

PROJECT TITLE	
Location:	HOWARD STREET
Suburb:	EPSOM
Works:	ROAD RECONSTRUCTION
Reference:	GB5117

SHEET DETAILS				
GOYNES ROAD LONG SECTION		Sheet:	49 OF 69	
		Scale:	AS SHOWN A3	
		Plot Date:02/04/2024 By:Leigh Oliver		
AMENDMENTS				
Revision	Description		Approved by	Date
-	-		-	-
-	-		-	-
-	-		-	-



GOYNES ROAD LONGITUDINAL SECTION CH 340.000 To 485.000
SCALES: H 1:500 V 1:50 (A3)



Ch 30.00
GOYNES

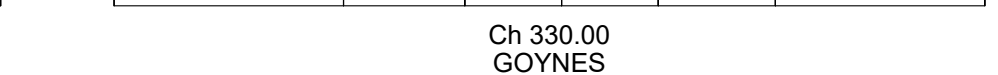
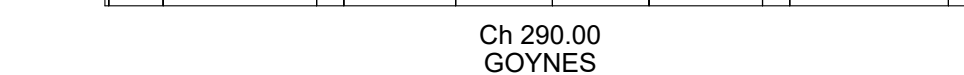
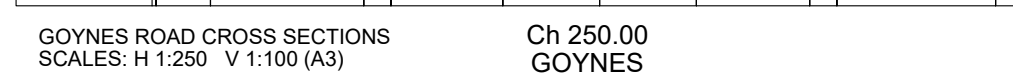
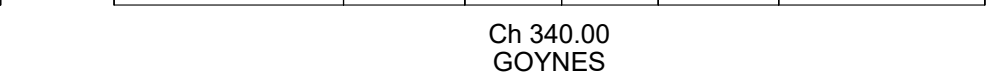
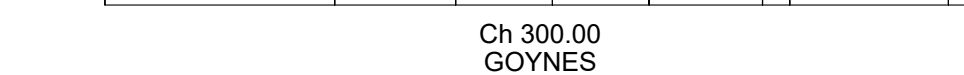
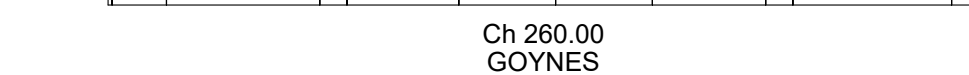
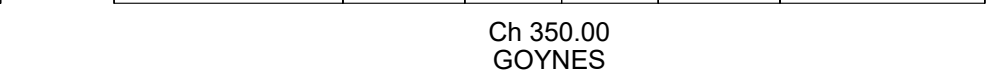
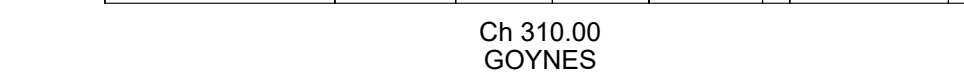
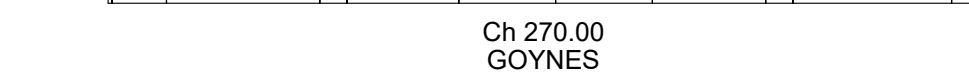
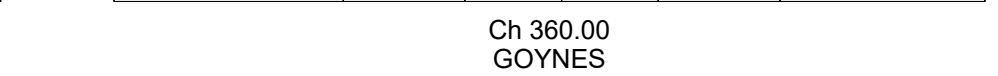
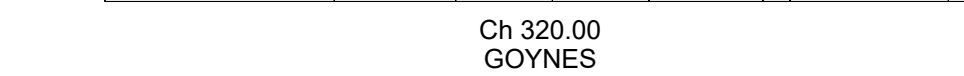
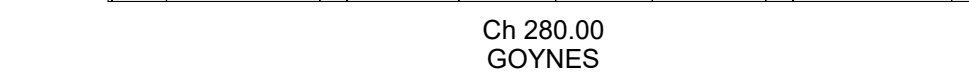


CONCEPT 6.0 PLAN FOR GENERAL COMMENT

Reference:

GB5117

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



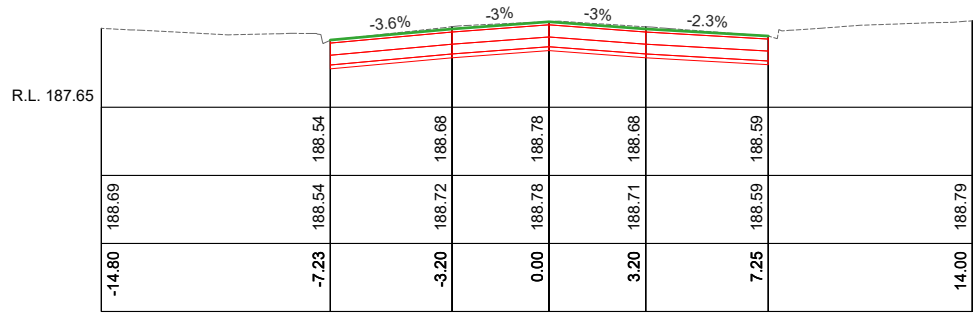
Ch 250.00
GOYNES



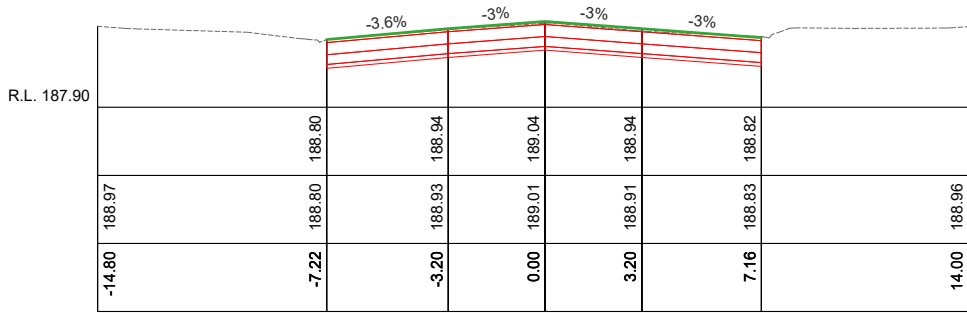
CONCEPT 6.0 PLAN FOR GENERAL COMMENT

Reference:

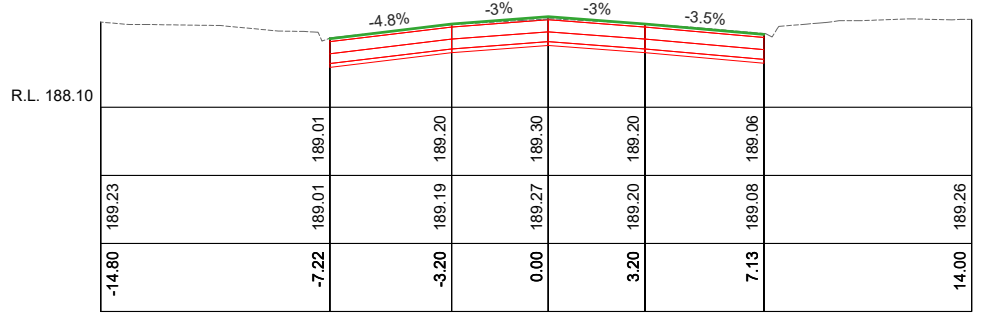
AMENDMENTS			
Revision	Description	Approved by	Date
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-	-	-	-
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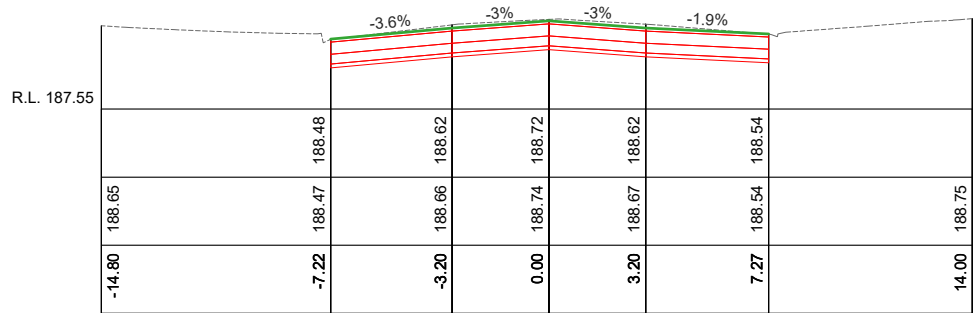
Ch 400.00
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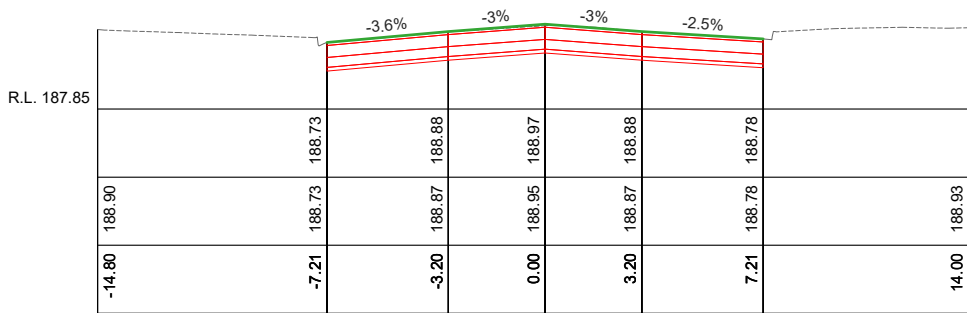
Ch 440.00
GOYNES



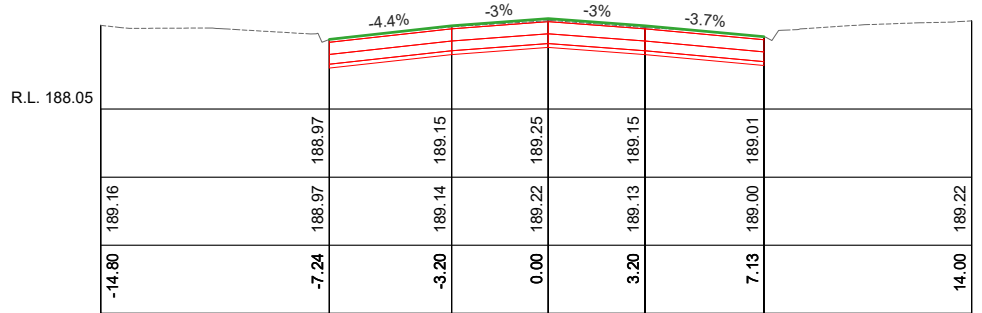
Ch 477.00
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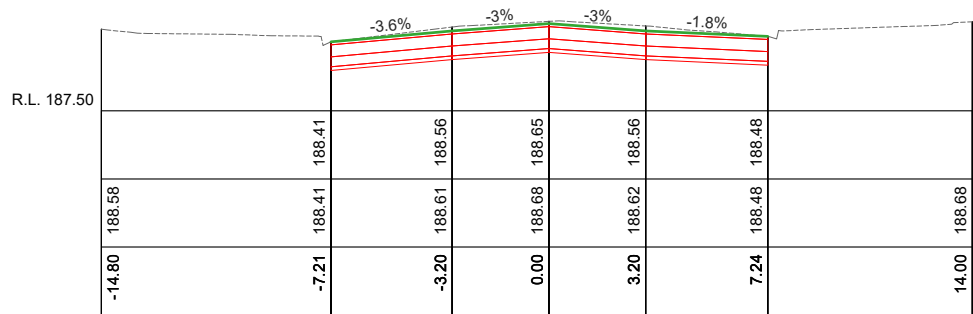
Ch 390.00
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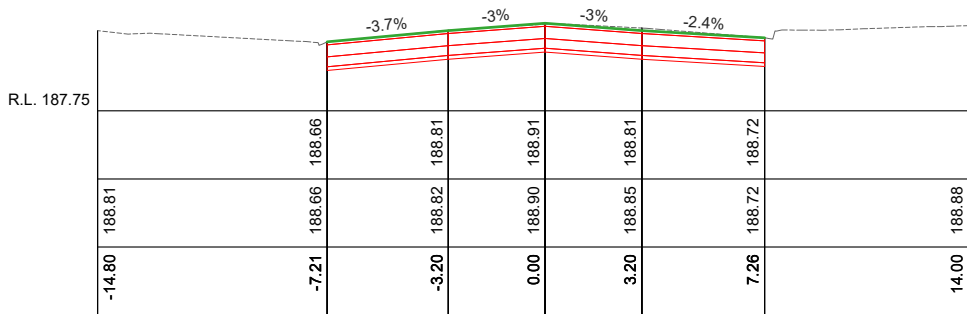
Ch 430.00
GOYNES



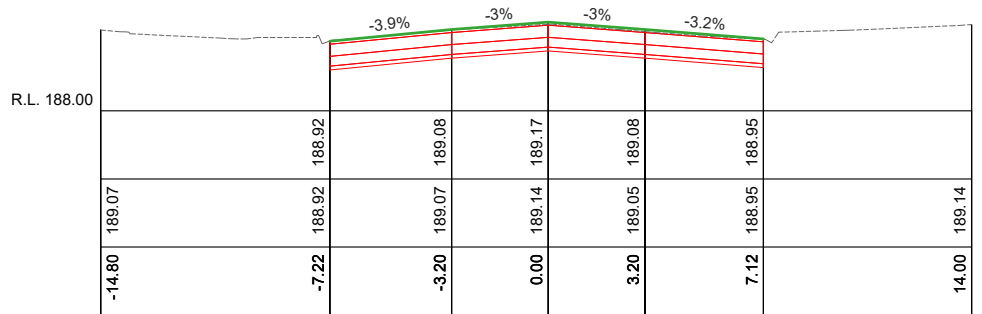
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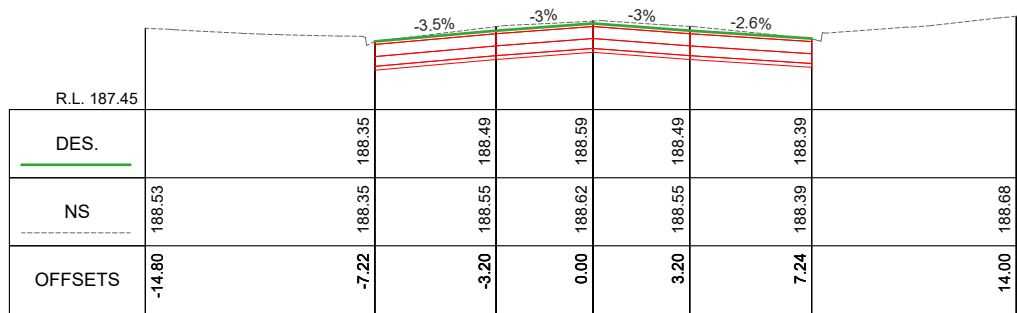
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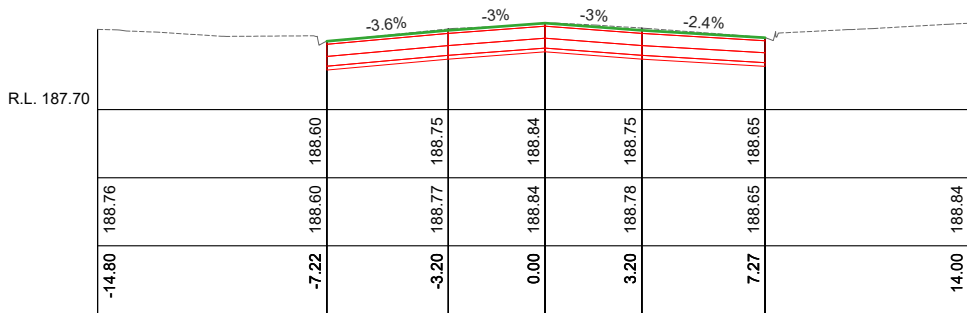
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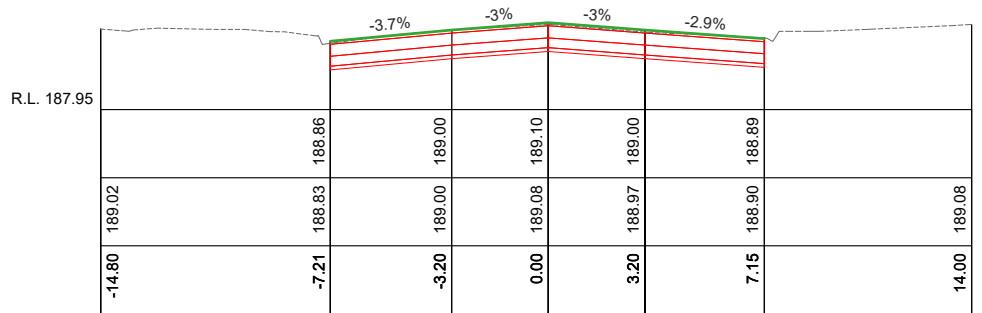
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GOYNES



Ch 370.00
GOYNES



Ch 410.00
GOYNES



Ch 450.00
GOYNES

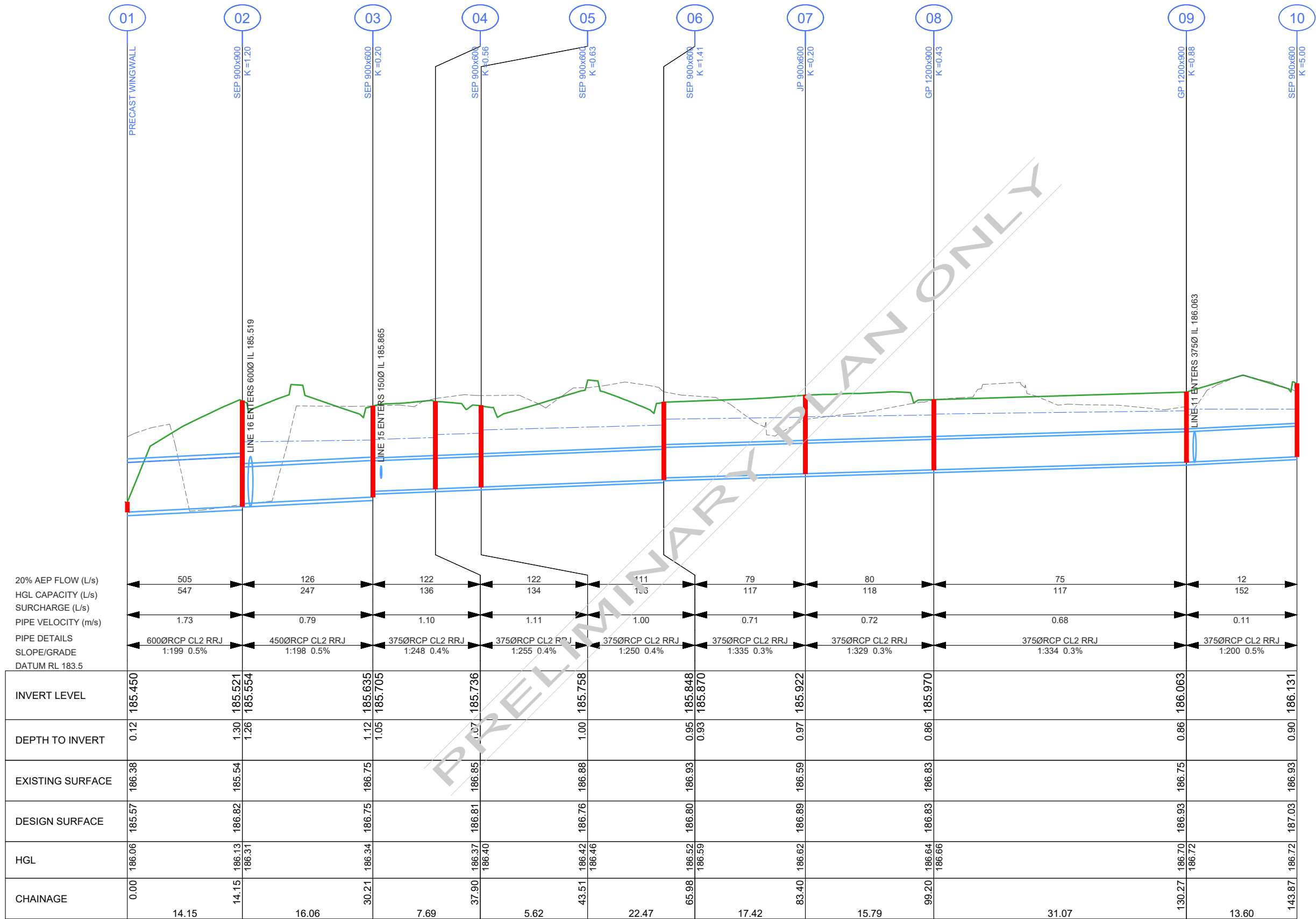
GOYNES ROAD CROSS SECTIONS
SCALES: H 1:250 V 1:100 (A3)



PROJECT DESIGN STATUS
Surveyor H. WHYTOCK JAN. 2023
Designer L. OLIVER APR. 2023
Draft Checked A. SMITH xx/xx/23
Tender Approved N. SARTORI xx/xx/23
**CONCEPT 6.0 PLAN
FOR GENERAL COMMENT**

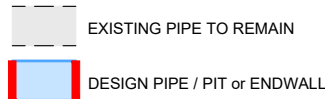
PROJECT TITLE
HOWARD STREET
EPSOM
ROAD RECONSTRUCTION
GB5117

SHEET DETAILS
GOYNES ROAD
CROSS SECTIONS
Sheet: 54 OF 69
Scale: AS SHOWN A3
Plot Date: 02/04/2024 By: Leigh Oliver
AMENDMENTS
Revision Description Approved by Date
- - - -
- - - -
- - - -



DRAINAGE LONGITUDINAL SECTION
SCALES: HORIZONTAL 1:500 VERTICAL 1:50

LEGEND



- CoGB SD390 TRENCH BACKFILL (BEHIND KERB)
- CoGB SD391 TRENCH BACKFILL (UNDER NEW ROAD)
- CoGB SD392 TRENCH BACKFILL (UNDER EXISTING ROAD)



CITY OF GREATER
BENDIGO

PROJECT DESIGN STATUS

Surveyor	H. WHYTOK	JAN. 2023
Designer	L. OLIVER	APR. 2023
Draft Checked	A. SMITH	xx/xx/23
Tender Approved	N. SARTORI	xx/xx/23

CONCEPT 6.0 PLAN
FOR GENERAL COMMENT

PROJECT TITLE

Location: HOWARD STREET
Suburb: EPSOM
Works: ROAD RECONSTRUCTION
Reference: GB5117

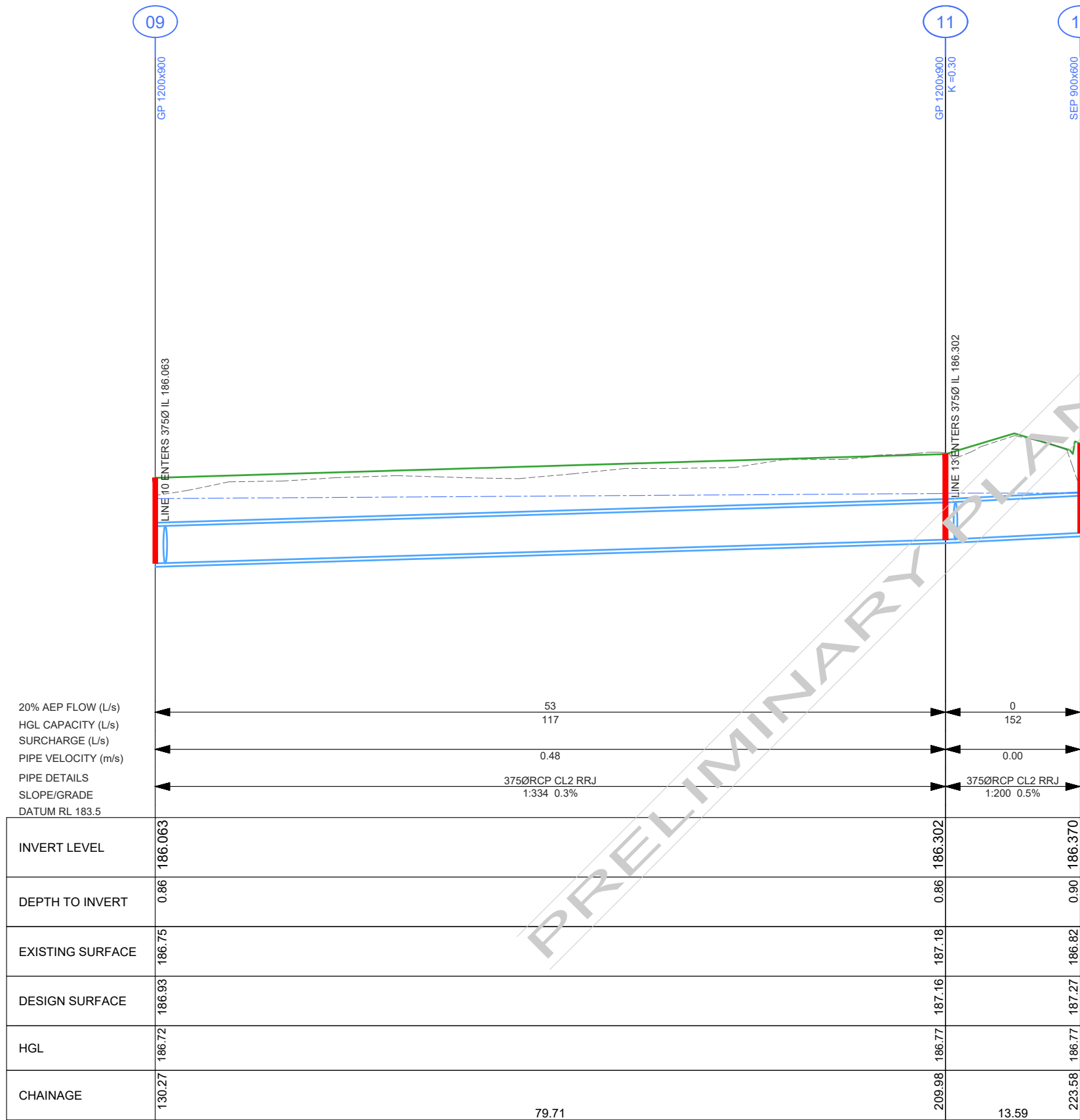
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DRAINAGE
LONG SECTIONS

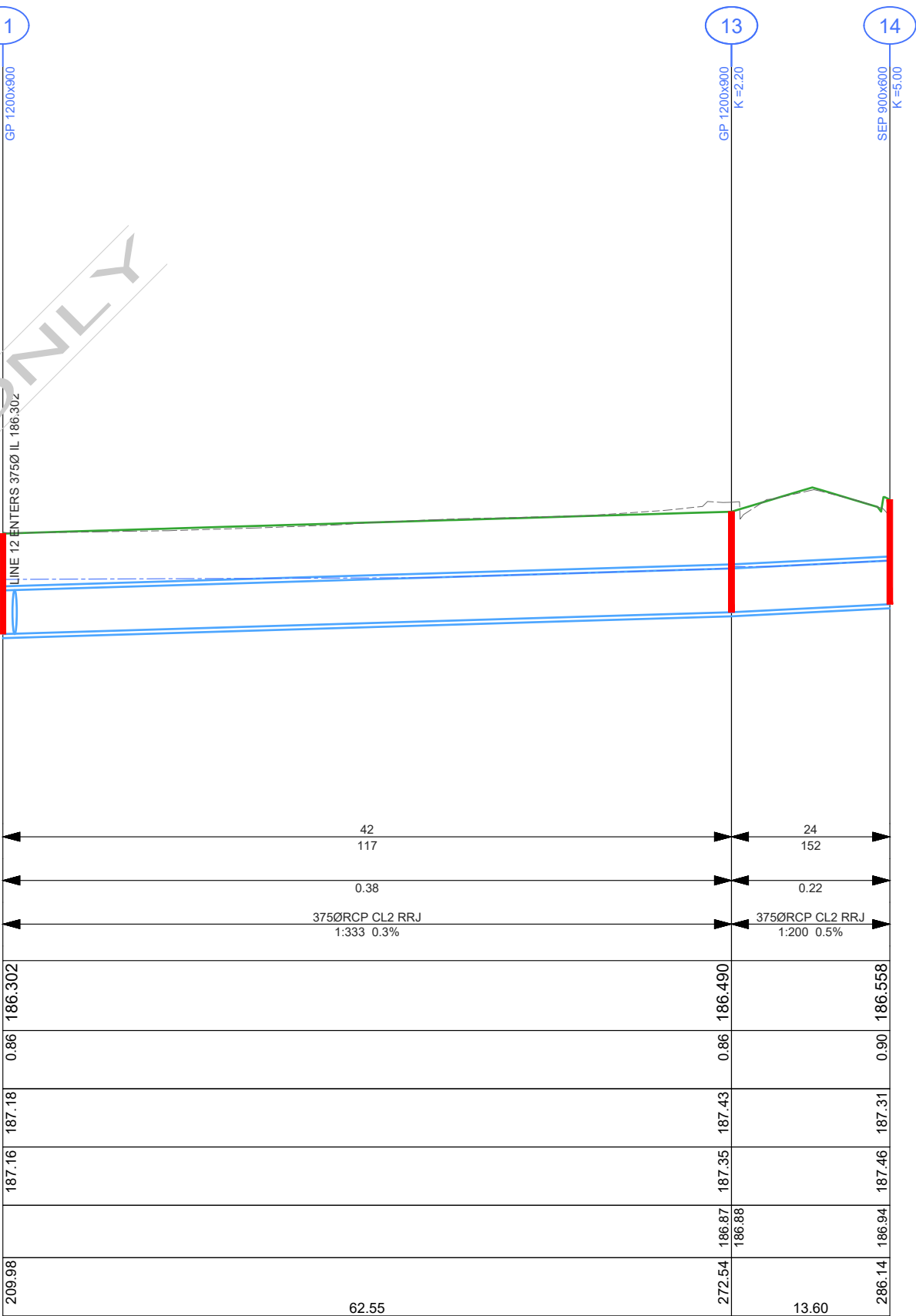
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Scale: AS SHOWN A3
Plot Date: 02/04/2024 By: Leigh Oliver

AMENDMENTS

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



DRAINAGE LONGITUDINAL SECTION
SCALES: HORIZONTAL 1:500 VERTICAL 1:50



DRAINAGE LONGITUDINAL SECTION
SCALES: HORIZONTAL 1:500 VERTICAL 1:50

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)

CITY OF GREATER BENDIGO

PROJECT DESIGN STATUS

Surveyor	H. WHYTECK	JAN. 2023
Designer	L. OLIVER	APR. 2023
Draft Checked	A. SMITH	xx/xx/23
Tender Approved	N. SARTORI	xx/xx/23

CONCEPT 6.0 PLAN
FOR GENERAL COMMENT

PROJECT TITLE

HOWARD STREET
EPSOM
ROAD RECONSTRUCTION
GB5117

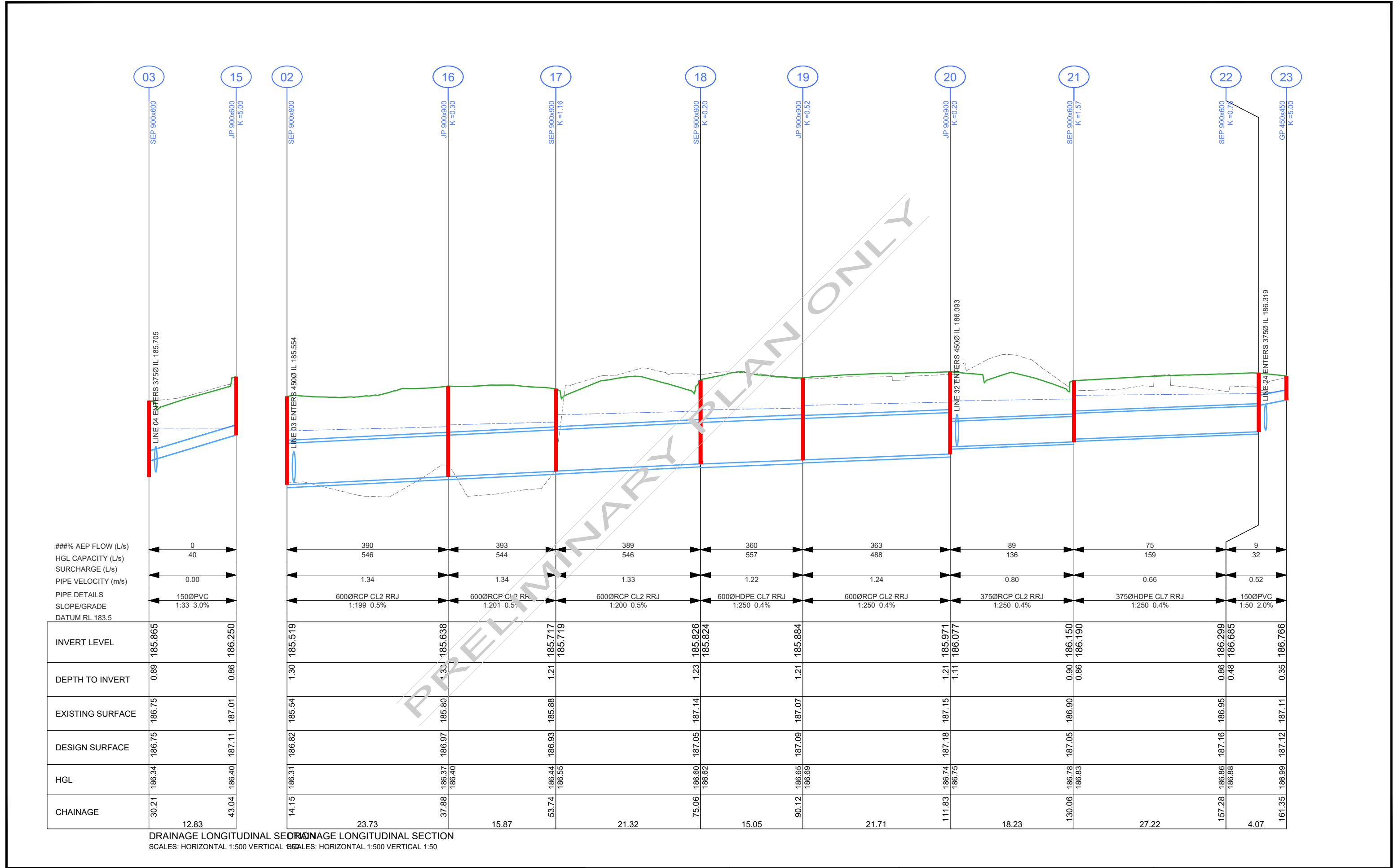
SHEET DETAILS

DRAINAGE
LONG SECTIONS

Sheet: 56 OF 69
Scale: AS SHOWN A3
Plot Date: 02/04/2024 By: Leigh Oliver

AMENDMENTS

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



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)

CITY OF GREATER BENDIGO

PROJECT DESIGN STATUS

Surveyor

Designer

Draft Checked

Tender Approved

H. WHYTOK

L. OLIVER

A. SMITH

N. SARTORI

JAN. 2023

APR. 2023

xx/xx/23

xx/xx/23

CONCEPT 6.0 PLAN

FOR GENERAL COMMENT

PROJECT TITLE

HOWARD STREET
EPSOM
ROAD RECONSTRUCTION
GB5117

Location:

Suburb:

Works:

Reference:

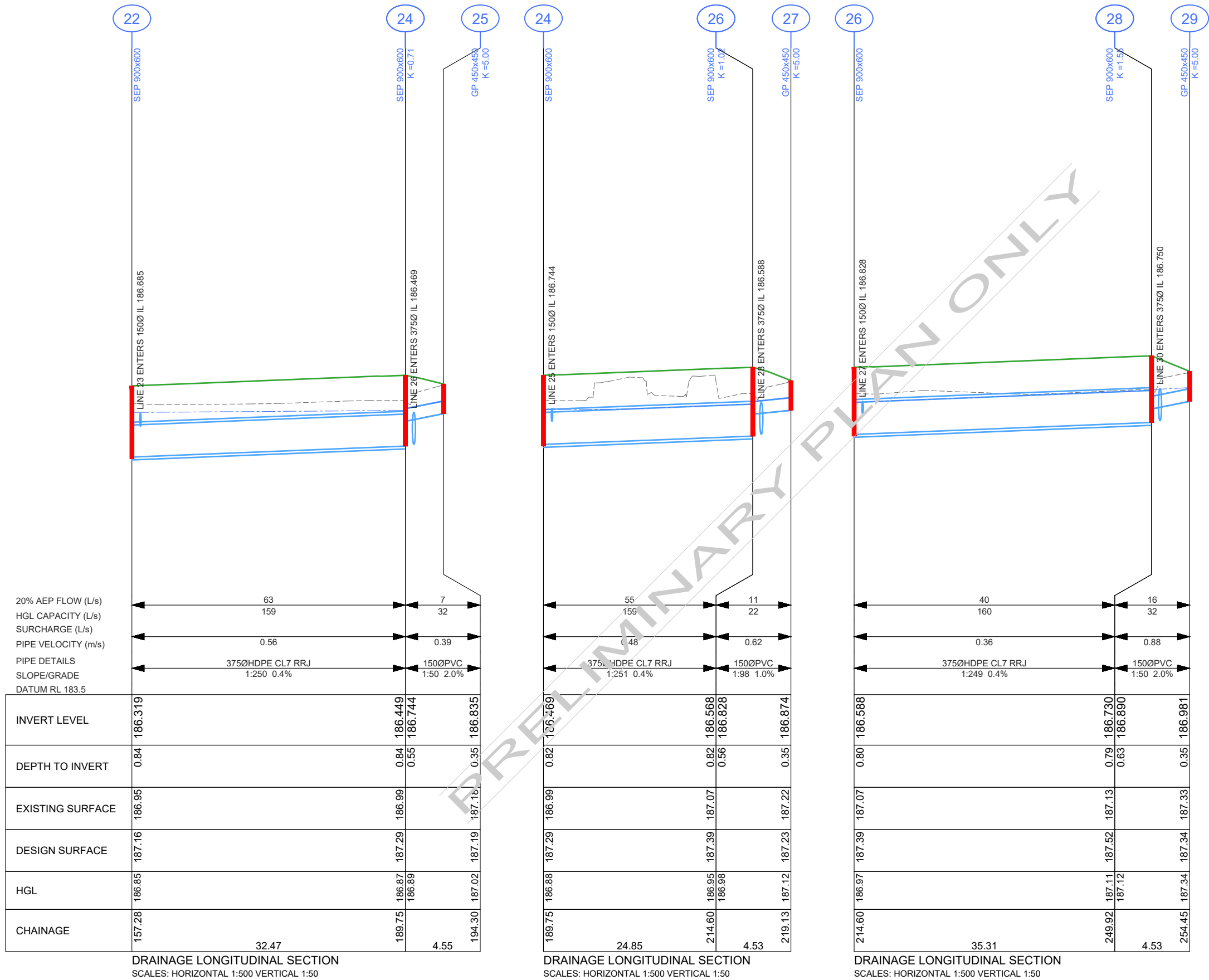
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DRAINAGE
LONG SECTIONS

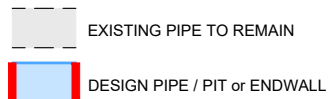
Sheet: 57 OF 69
Scale: AS SHOWN
Plot Date: 02/04/2024 By: Leigh Oliver

AMENDMENTS

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



LEGEND



- CoGB SD390 TRENCH BACKFILL (BEHIND KERB)
- CoGB SD391 TRENCH BACKFILL (UNDER NEW ROAD)
- CoGB SD392 TRENCH BACKFILL (UNDER EXISTING ROAD)



CITY OF GREATER
BENDIGO

PROJECT DESIGN STATUS

Surveyor	H. WHYTECK	JAN. 2023
Designer	L. OLIVER	APR. 2023
Draft Checked	A. SMITH	xx/xx/23
Tender Approved	N. SARTORI	xx/xx/23

CONCEPT 6.0 PLAN
FOR GENERAL COMMENT

PROJECT TITLE

Location: HOWARD STREET
Suburb: EPSOM
Works: ROAD RECONSTRUCTION
Reference: GB5117

SHEET DETAILS

DRAINAGE
LONG SECTIONS

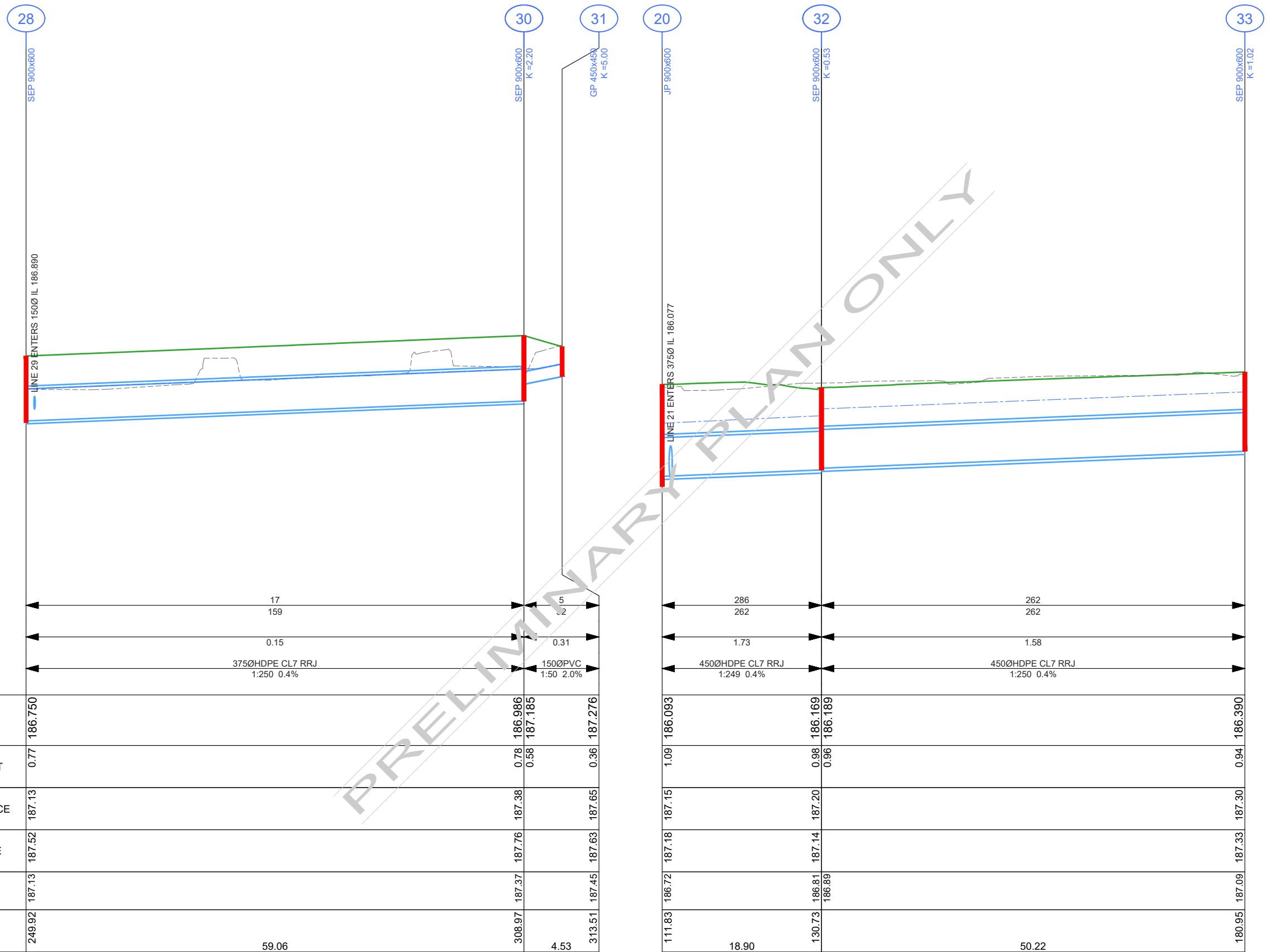
Sheet: 58 OF 69

Scale: AS SHOWN A3

Plot Date: 02/04/2024 By: Leigh Oliver

AMENDMENTS

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



DRAINAGE LONGITUDINAL SECTION
SCALES: HORIZONTAL 1:500 VERTICAL 1:50

DRAINAGE LONGITUDINAL SECTION
SCALES: HORIZONTAL 1:500 VERTICAL 1:50

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)

CITY OF GREATER BENDIGO

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CONCEPT 6.0 PLAN
FOR GENERAL COMMENT

PROJECT TITLE

HOWARD STREET
EPSOM
ROAD RECONSTRUCTION
GB5117

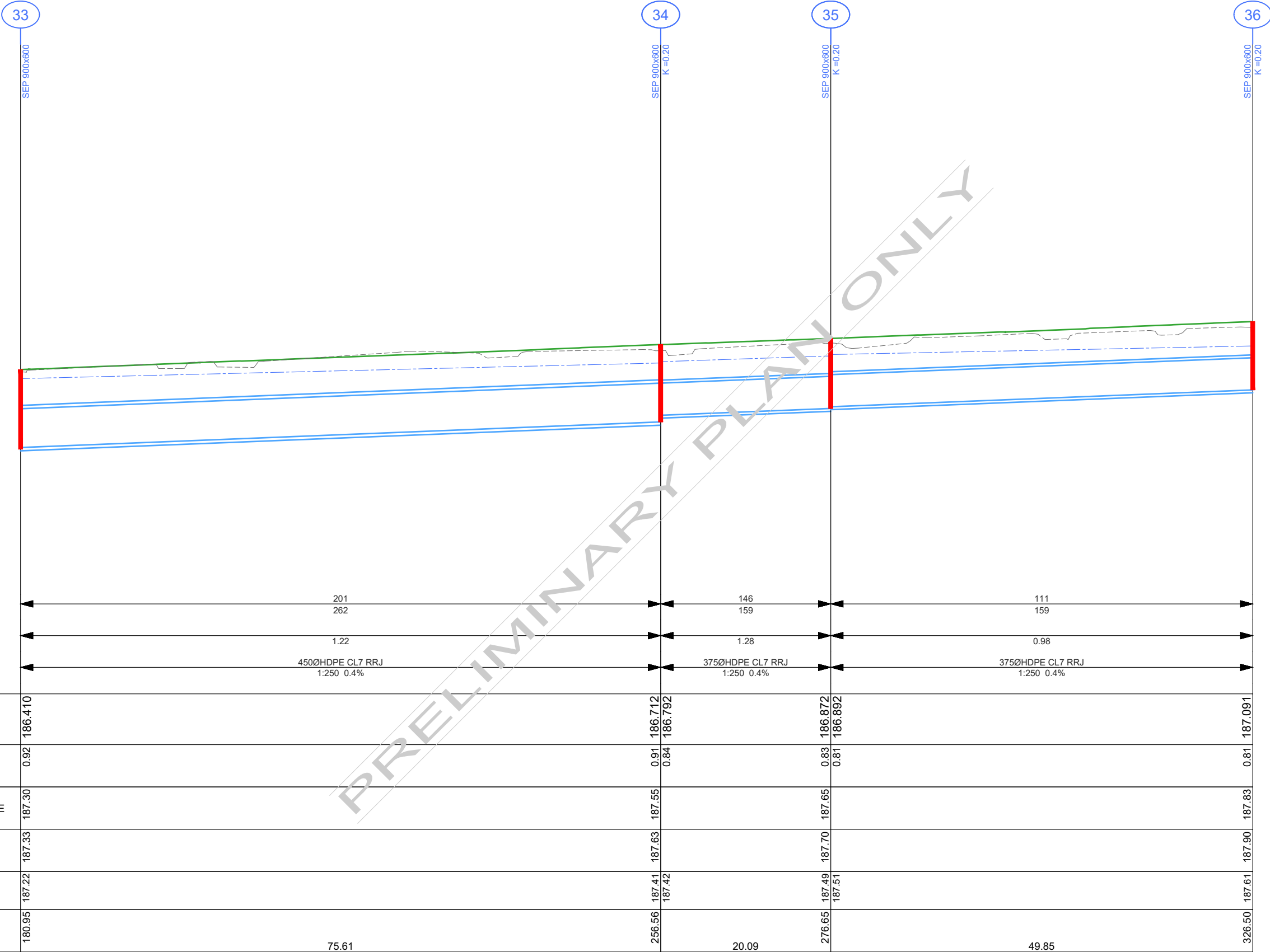
SHEET DETAILS

DRAINAGE
LONG SECTIONS

Sheet: 59 OF 69
Scale: AS SHOWN
Plot Date: 02/04/2024 By: Leigh Oliver

AMENDMENTS

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



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)

CITY OF GREATER BENDIGO

PROJECT DESIGN STATUS

Surveyor	H. WHYTOK	JAN. 2023
Designer	L. OLIVER	APR. 2023
Draft Checked	A. SMITH	xx/xx/23
Tender Approved	N. SARTORI	xx/xx/23

CONCEPT 6.0 PLAN
FOR GENERAL COMMENT

PROJECT TITLE

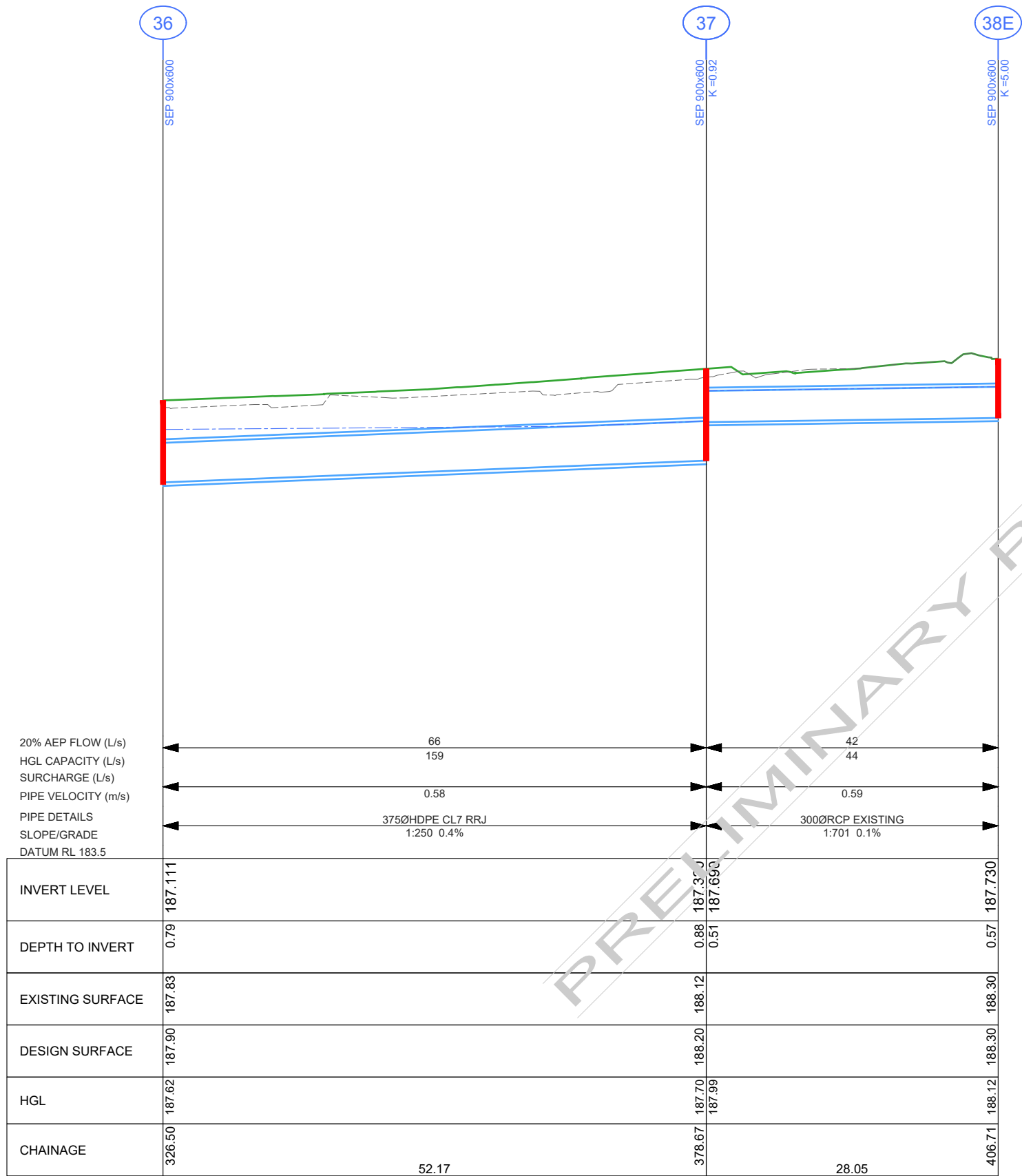
HOWARD STREET
EPSOM
ROAD RECONSTRUCTION
GB5117

SHEET DETAILS

DRAINAGE LONG SECTIONS

Sheet: 60 OF 69
Scale: AS SHOWN A3
Plot Date: 02/04/2024 By: Leigh Oliver

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



DRAINAGE LONGITUDINAL SECTION
SCALES: HORIZONTAL 1:500 VERTICAL 1:50

LEGEND

EXISTING PIPE TO REMAIN

CoGB SD390 TRENCH BACKFILL (BEHIND KERB)

DESIGN PIPE / PIT or ENDWALL

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Tender Approved	N. SARTORI	xx/xx/23

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FOR GENERAL COMMENT

PROJECT TITLE

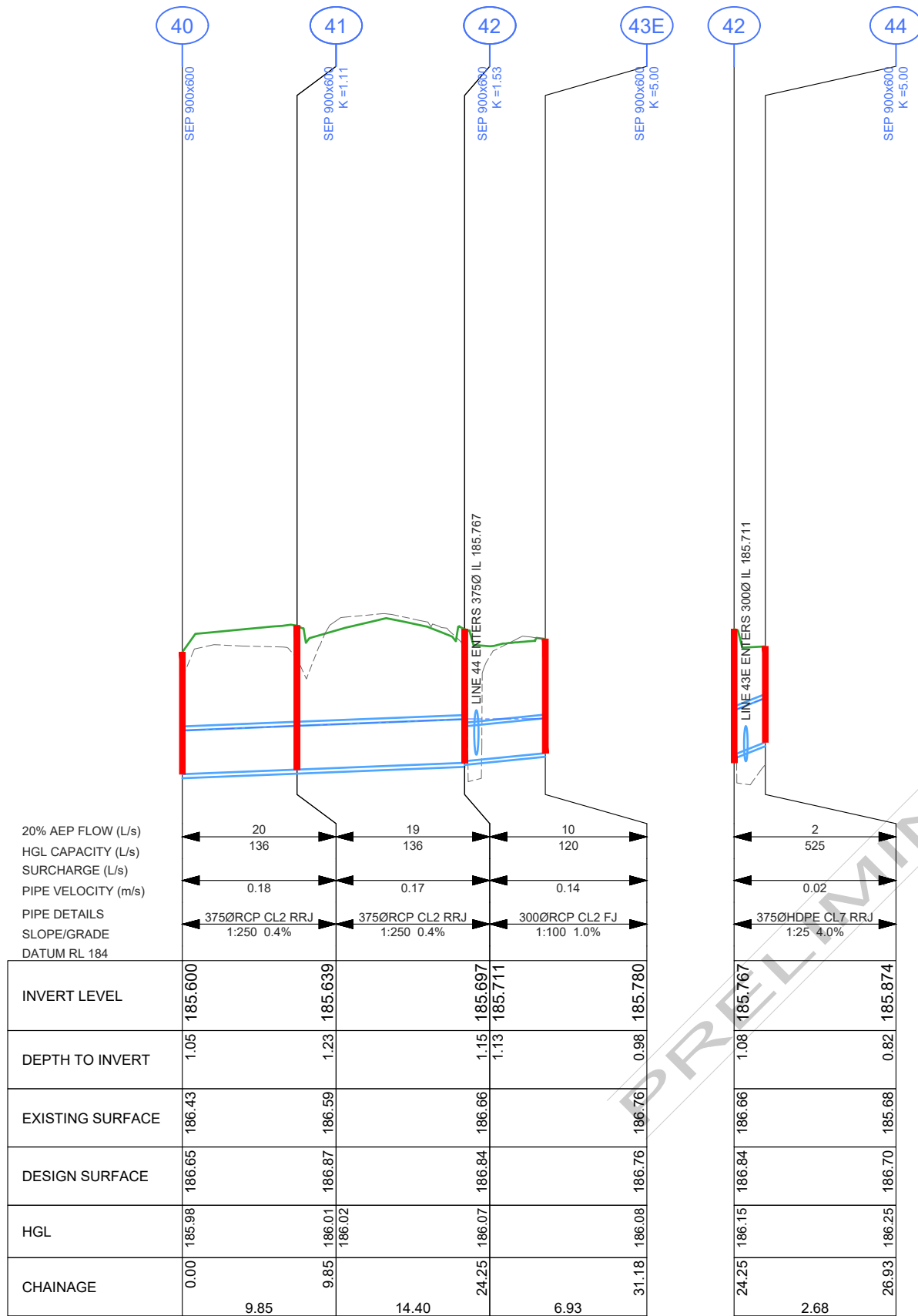
Location: HOWARD STREET
Suburb: EPSOM
Works: ROAD RECONSTRUCTION
Reference: GB5117

SHEET DETAILS

DRAINAGE LONG SECTIONS

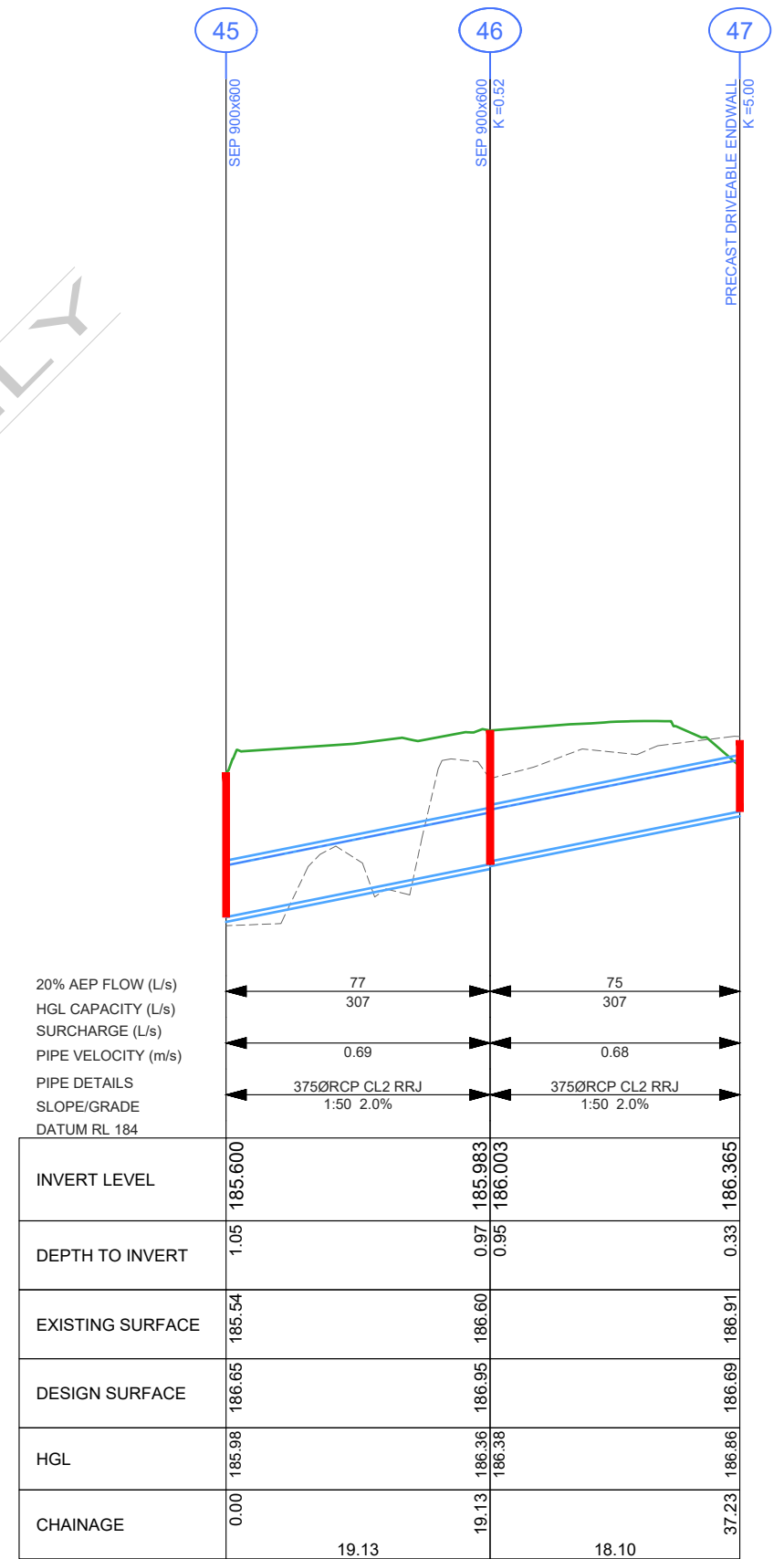
Sheet: 61 OF 69
Scale: AS SHOWN A3
Plot Date: 02/04/2024 By: Leigh Oliver

AMENDMENTS			
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-	-	-	-
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DRAINAGE LONGITUDINAL SECTION
SCALES: HORIZONTAL 1:500 VERTICAL 1:50

DRAINAGE LONGITUDINAL SECTION
SCALES: HORIZONTAL 1:500 VERTICAL 1:50



DRAINAGE LONGITUDINAL SECTION
SCALES: HORIZONTAL 1:500 VERTICAL 1:50

EXISTING PIPE TO REMAIN

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CONCEPT 6.0 PLAN

FOR GENERAL COMMENT

PROJECT TITLE

HOWARD STREET
EPSOM
ROAD RECONSTRUCTION
GB5117

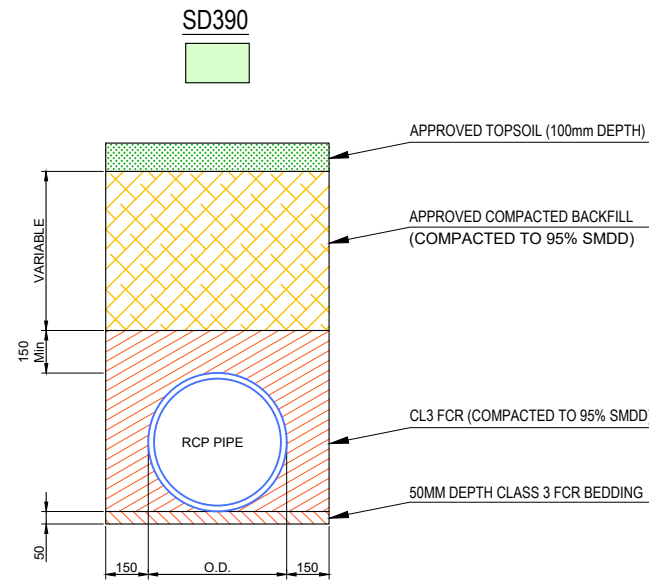
SHEET DETAILS

DRAINAGE LONG SECTIONS		Sheet: 62 OF 69
Scale: AS SHOWN		A3
Plot Date: 02/04/2024 By: Leigh Oliver		
AMENDMENTS		
Revision	Description	Approved by
-	-	-
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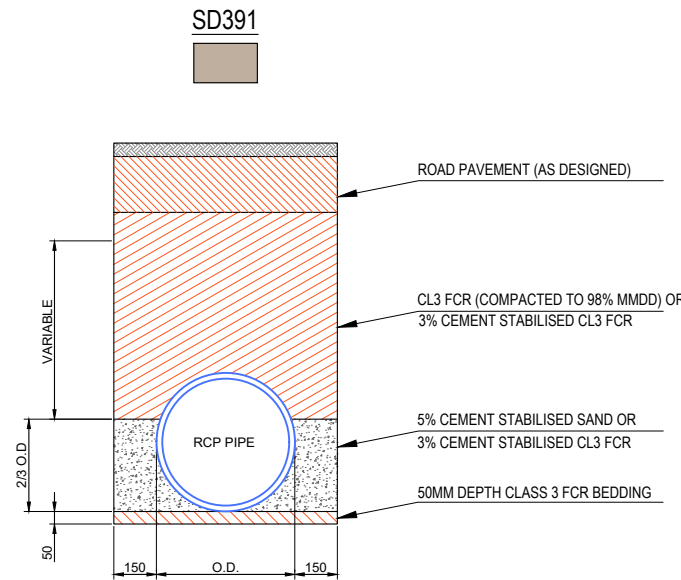
Pit Schedule - NETWORK 1										
Pit No.	Pit Type	Standard Drawing	Pit Width	Pit Length	Outlet Diameter	Outlet Invert RL	Inlet Diameter	Inlet Invert RL	Pit Depth	Pit Lid Level
			(mm)	(mm)	(mm)	(m)	(mm)	(m)	(m)	(m)
01	Endwall	PRECAST WINGWALL	-	-			600	185.450	0.124	185.574
02	Side Entry Pit	SD590B-D-G-T	900	900	600	185.521	450	185.554	1.297	186.818
							600	185.519		
03	Side Entry Pit	SD590A-D-G-T	600	900	450	185.635	375	185.705	1.120	186.755
							150	185.865		
04	Junction Pit	SD590A-D-L-T	600	900	375	185.736	375	185.736	1.072	186.808
05	Side Entry Pit	SD590A-D-G-T	600	900	375	185.758	375	185.758	1.000	186.758
06	Side Entry Pit	SD590A-D-G-T	600	900	375	185.848	375	185.870	0.954	186.802
07	Junction Pit	SD590A-D-L-T	600	900	375	185.922	375	185.922	0.966	186.888
08	Grated Pit	SD590B-D-K-V	900	1200	375	185.970	375	185.970	0.862	186.832
09	Grated Pit	SD590B-D-K-V	900	1200	375	186.063	375	186.063	0.863	186.926
							375	186.063		
10	Side Entry Pit	SD590A-D-G-T	600	900	375	186.131			0.898	187.029
11	Grated Pit	SD590B-D-K-V	900	1200	375	186.302	375	186.302	0.863	187.165
							375	186.302		
12	Side Entry Pit	SD590A-D-G-T	600	900	375	186.370			0.898	187.268
13	Grated Pit	SD590B-D-K-V	900	1200	375	186.490	375	186.490	0.863	187.353
14	Side Entry Pit	SD590A-D-G-T	600	900	375	186.558			0.898	187.456
15	Junction Pit	SD590A-D-L-S	600	900	150	186.250			0.858	187.108
16	Junction Pit	SD590B-D-L-T	900	900	600	185.638	600	185.638	1.333	186.971
17	Side Entry Pit	SD590B-D-G-T	900	900	600	185.717	600	185.719	1.212	186.929
18	Side Entry Pit	SD590A-D-G-T	600	900	600	185.826	600	185.824	1.225	187.055
19	Junction Pit	SD590A-D-L-T	600	900	600	185.884	600	185.884	1.207	187.090
20	Junction Pit	SD590A-D-L-T	600	900	600	185.971	450	186.093	1.212	187.182
							375	186.077		
21	Side Entry Pit	SD590A-D-G-T	600	900	375	186.150	375	186.190	0.900	187.050
22	Side Entry Pit	SD590A-D-G-T	600	900	375	186.299	375	186.311	0.865	187.164
							150	186.125		
23	Grated Pit		450	450	150	186.766			0.354	187.120
24	Side Entry Pit	SD590A-D-G-T	600	900	375	186.449	375	186.469	0.841	187.290
							150	186.744		
25	Grated Pit		450	450	150	186.835			0.351	187.186
26	Side Entry Pit	SD590A-D-G-T	600	900	375	186.568	375	186.588	0.817	187.385
							150	186.828		
27	Grated Pit		450	450	150	186.874			0.354	187.228
28	Side Entry Pit	SD590A-D-G-T	600	900	375	186.730	375	186.750	0.791	187.521
							150	186.890		
29	Grated Pit		450	500	150	186.981			0.355	187.336
30	Side Entry Pit	SD590A-D-G-T	600	900	375	186.986	150	187.185	0.776	187.762
31	Grated Pit		450	450	150	187.276			0.355	187.631
32	Side Entry Pit	SD590A-D-G-T	600	900	450	186.169	450	186.189	0.976	187.145
33	Side Entry Pit	SD590A-D-G-T	600	900	450	186.390	450	186.410	0.941	187.331
34	Side Entry Pit	SD590A-D-G-T	600	900	450	186.712	375	186.792	0.915	187.627
35	Side Entry Pit	SD590A-D-G-T	600	900	375	186.872	375	186.892	0.827	187.699
36	Side Entry Pit	SD590A-D-G-T	600	900	375	187.091	375	187.111	0.807	187.898
37	Side Entry Pit	SD590A-D-G-T	600	900	375	187.320	300	187.690	0.882	188.202
38E	Side Entry Pit	EXIST. PIT	600	900	300	187.730			0.568	188.298

Pit Schedule - NETWORK 2										
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)
40	Side Entry Pit	ENDWALL	600	900			375	185.600	1.046	186.646
41	Side Entry Pit	SD590A-D-G-T	600	900	375	185.639	375	185.639	1.234	186.874
42	Side Entry Pit	SD590A-D-G-T	600	900	375	185.697	300	185.711	1.147	186.844
							375	185.767		
43E	Side Entry Pit	EXIST. PIT	600	900	300	185.780			0.980	186.760
44	Side Entry Pit	SD590A-D-N	600	900	375	185.874			0.823	186.697

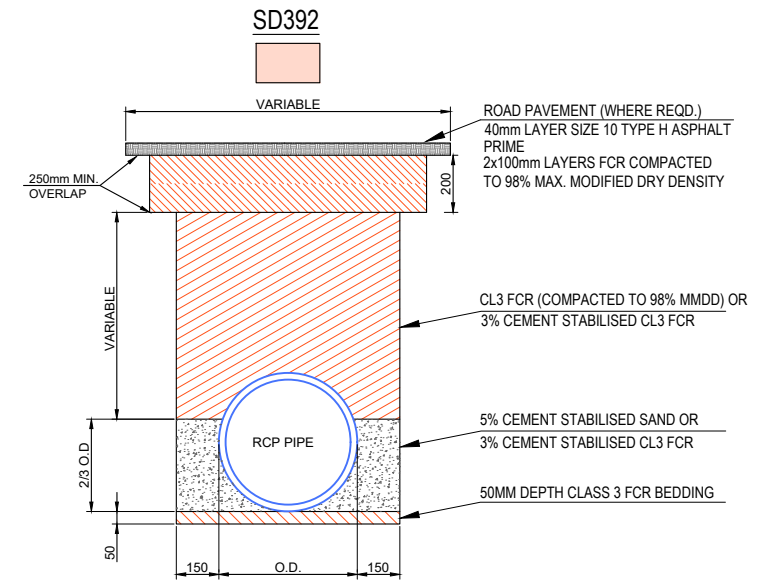
Pit Schedule - NETWORK 3										
Pit No.	Pit Type	Standard Drawing	Pit Width	Pit Length	Outlet Diameter	Outlet Invert RL	Inlet Diameter	Inlet Invert RL	Pit Depth	Pit Lid Level
			(mm)	(mm)	(mm)	(m)	(mm)	(m)	(m)	(m)
45	Side Entry Pit	ENDWALL	600	900			375	185.600	1.047	186.647
46	Side Entry Pit	SD590A-D-G-T	600	900	375	185.983	375	186.003	0.969	186.952
47	Endwall		-	-	375	186.365			0.328	186.693



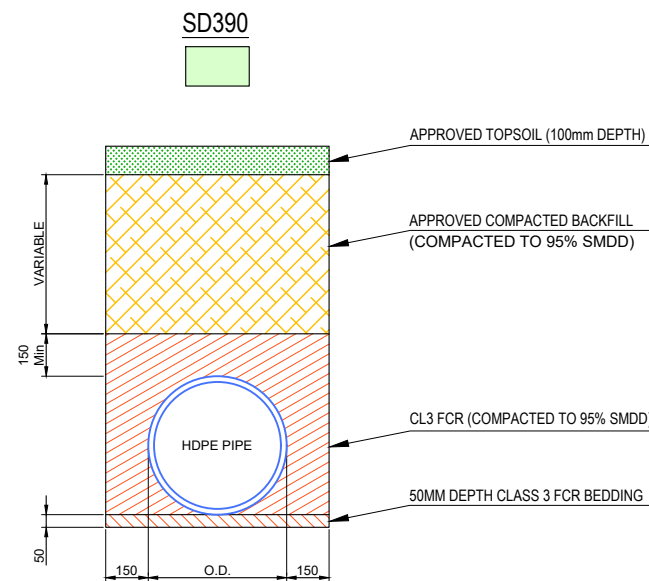
RCP DRAINAGE PIPE TRENCH BACKFILL DETAIL
NON HARD SURFACE AREAS
 NOT TO SCALE



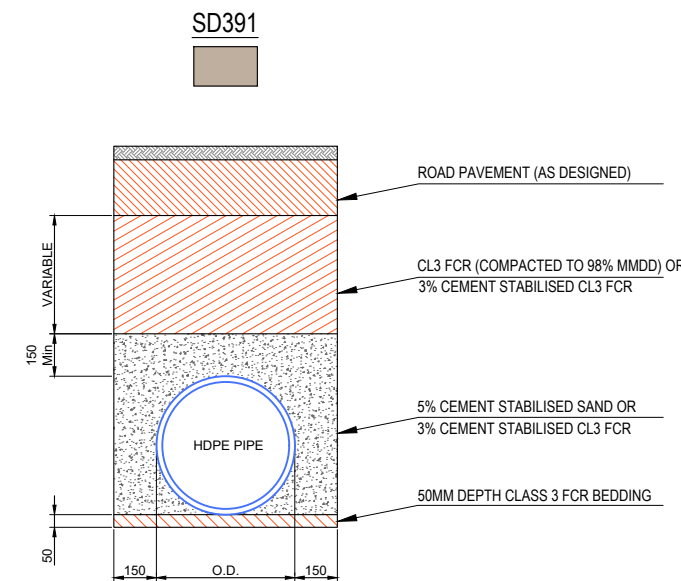
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UNDER NEW ROAD / KERB / FOOTPATH
COMPACTED FCR OR STABILISED BACKFILL
 NOT TO SCALE



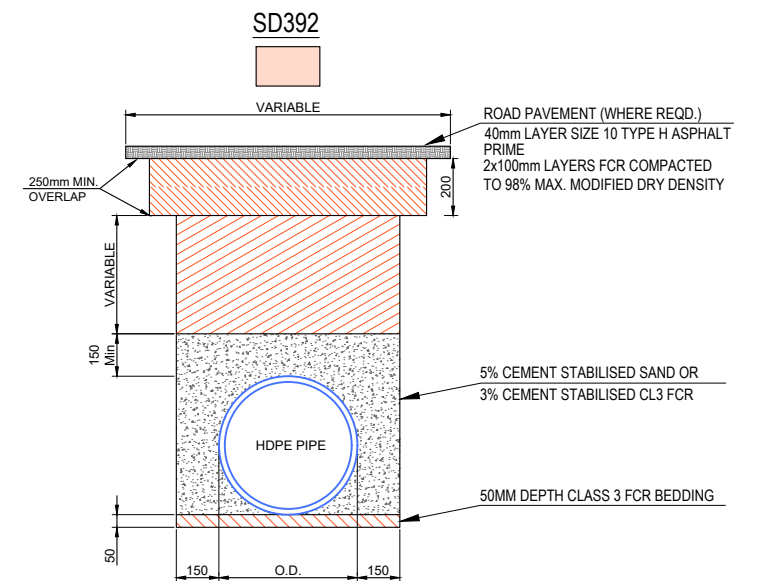
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UNDER EXISTING ROAD PAVEMENT
COMPACTED FCR OR STABILISED BACKFILL
 NOT TO SCALE



HDPE DRAINAGE PIPE TRENCH BACKFILL DETAIL
NON HARD SURFACE AREAS
 NOT TO SCALE



HDPE DRAINAGE PIPE TRENCH BACKFILL DETAIL
UNDER NEW ROAD / KERB / FOOTPATH
COMPACTED FCR OR STABILISED BACKFILL
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HDPE DRAINAGE PIPE TRENCH BACKFILL DETAIL
UNDER EXISTING ROAD PAVEMENT
COMPACTED FCR OR STABILISED BACKFILL
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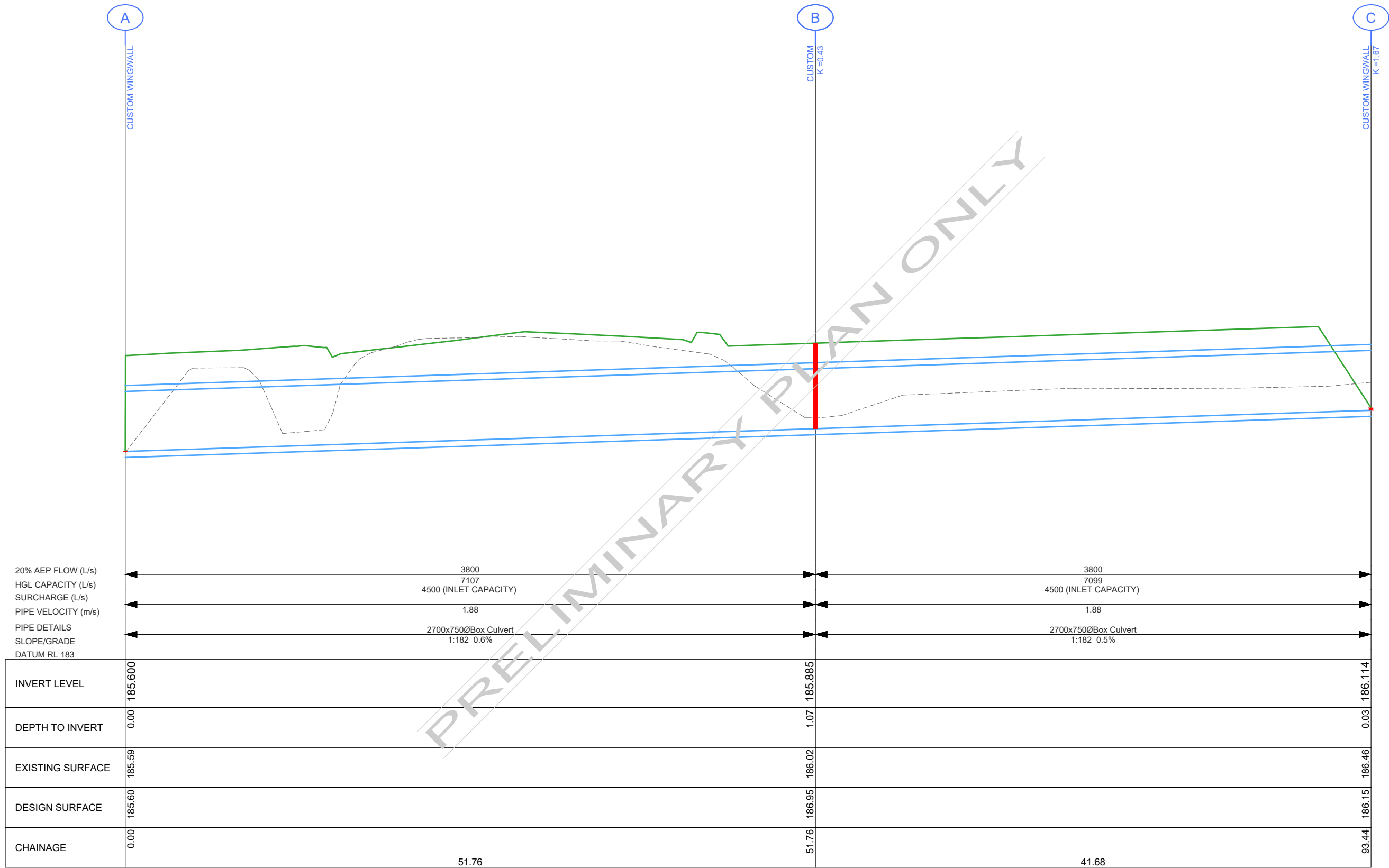
CITY OF GREATER BENDIGO

PROJECT DESIGN STATUS		
Surveyor	H. WHYTOCK	JAN. 2023
Designer	L. OLIVER	APR. 2023
Draft Checked	A. SMITH	xx/xx/23
Tender Approved	N. SARTORI	xx/xx/23

CONCEPT 6.0 PLAN
FOR GENERAL COMMENT

PROJECT TITLE	
Location:	HOWARD STREET
Suburb:	EPSOM
Works:	ROAD RECONSTRUCTION
Reference:	GB5117

SHEET DETAILS			
DRAINAGE PIPE TRENCH BACKFILL		Sheet: 64 OF 69	
		Scale: AS SHOWN	A3
		Plot Date:02/04/2024 By:Leigh Oliver	
AMENDMENTS			
Revision	Description	Approved by	Date
-	-	-	-
-	-	-	-
-	-	-	-



DRAINAGE LONGITUDINAL SECTION
SCALES: HORIZONTAL 1:300 VERTICAL 1:50



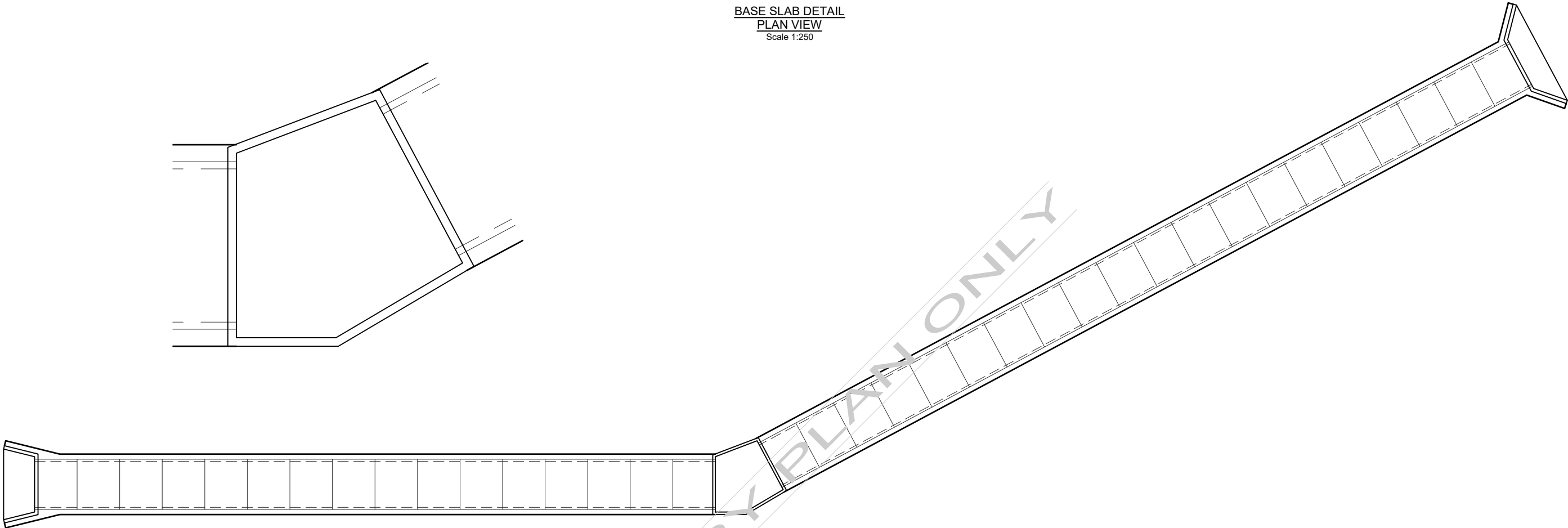
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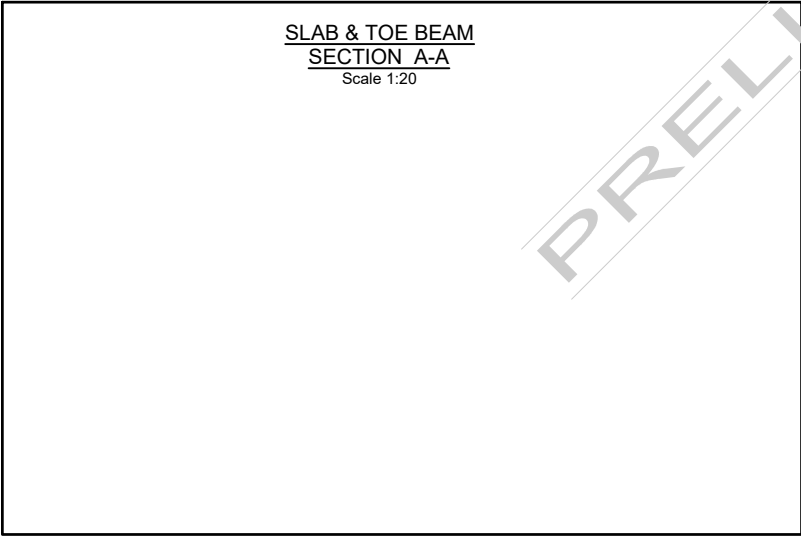
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SHEET DETAILS			
BOX CULVERT LONG SECTION	Sheet:	65 OF 69	
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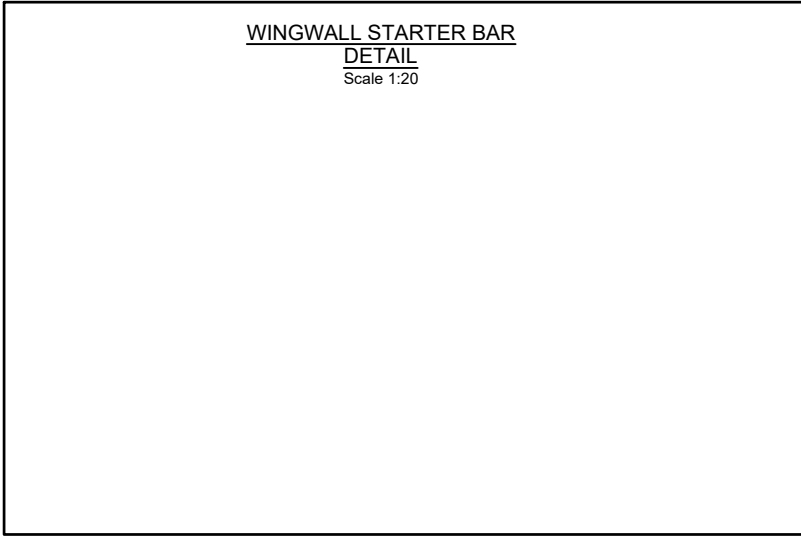
BASE SLAB DETAIL
PLAN VIEW
Scale 1:250



SLAB & TOE BEAM
SECTION A-A
Scale 1:20



WINGWALL STARTER BAR
DETAIL
Scale 1:20

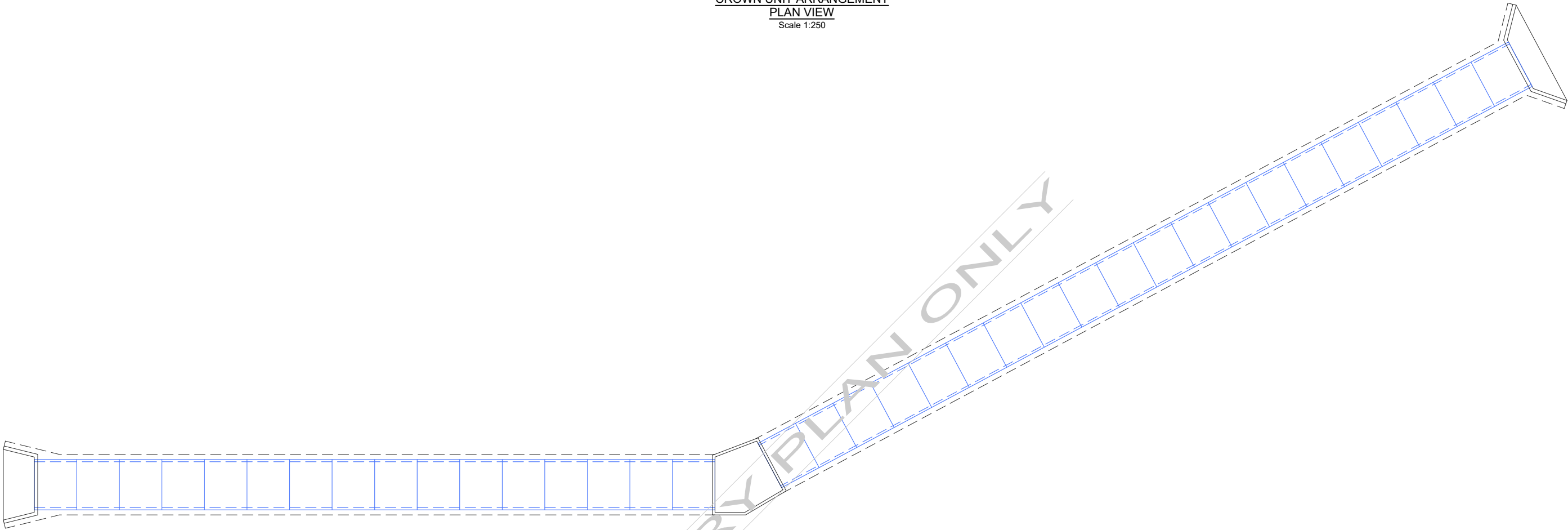


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XXXX		Sheet:	66 OF 69	
		Scale:	AS SHOWN A3	
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AMENDMENTS				
Revision	Description		Approved by	Date
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-			-	-
-			-	-

CROWN UNIT ARRANGEMENT
PLAN VIEW
Scale 1:250



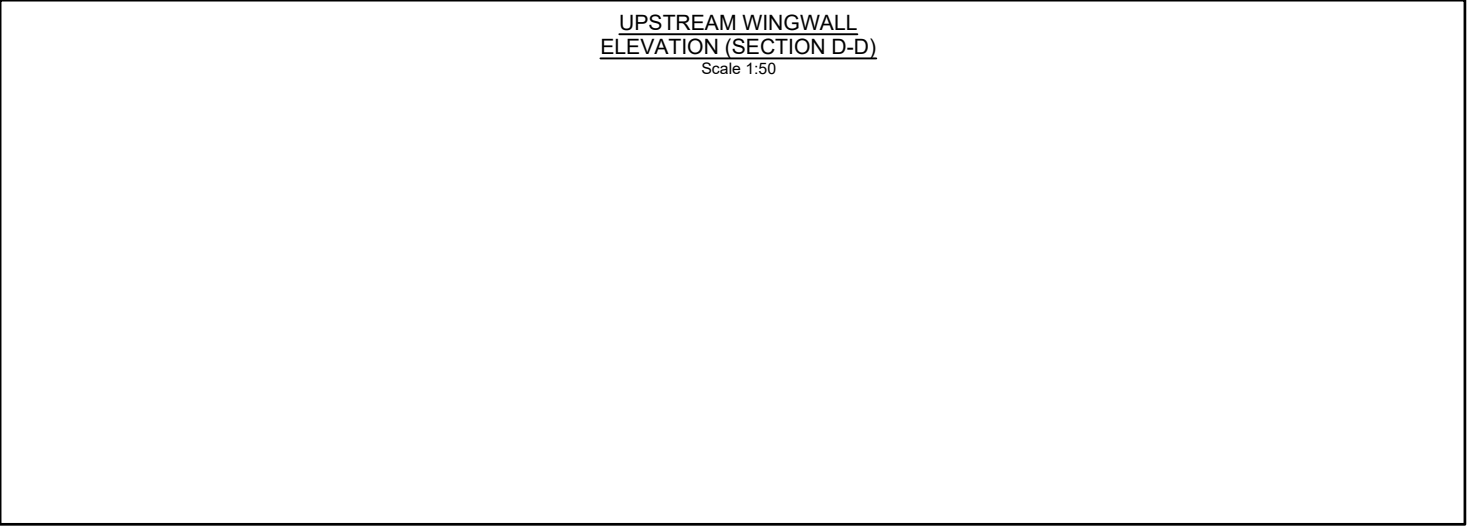
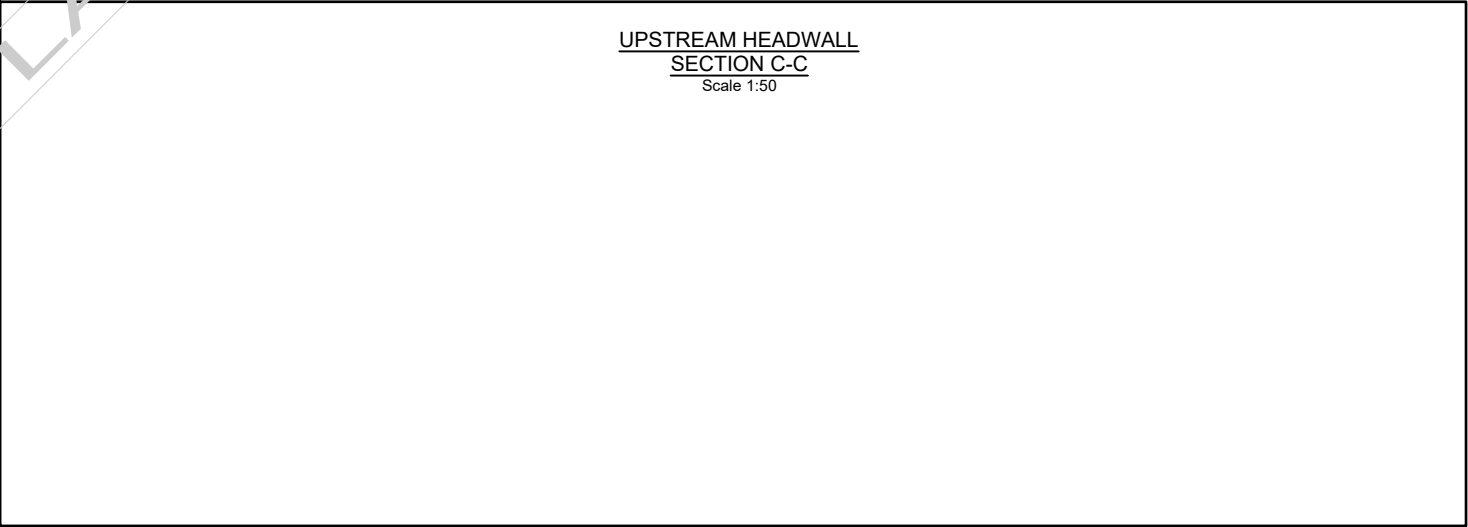
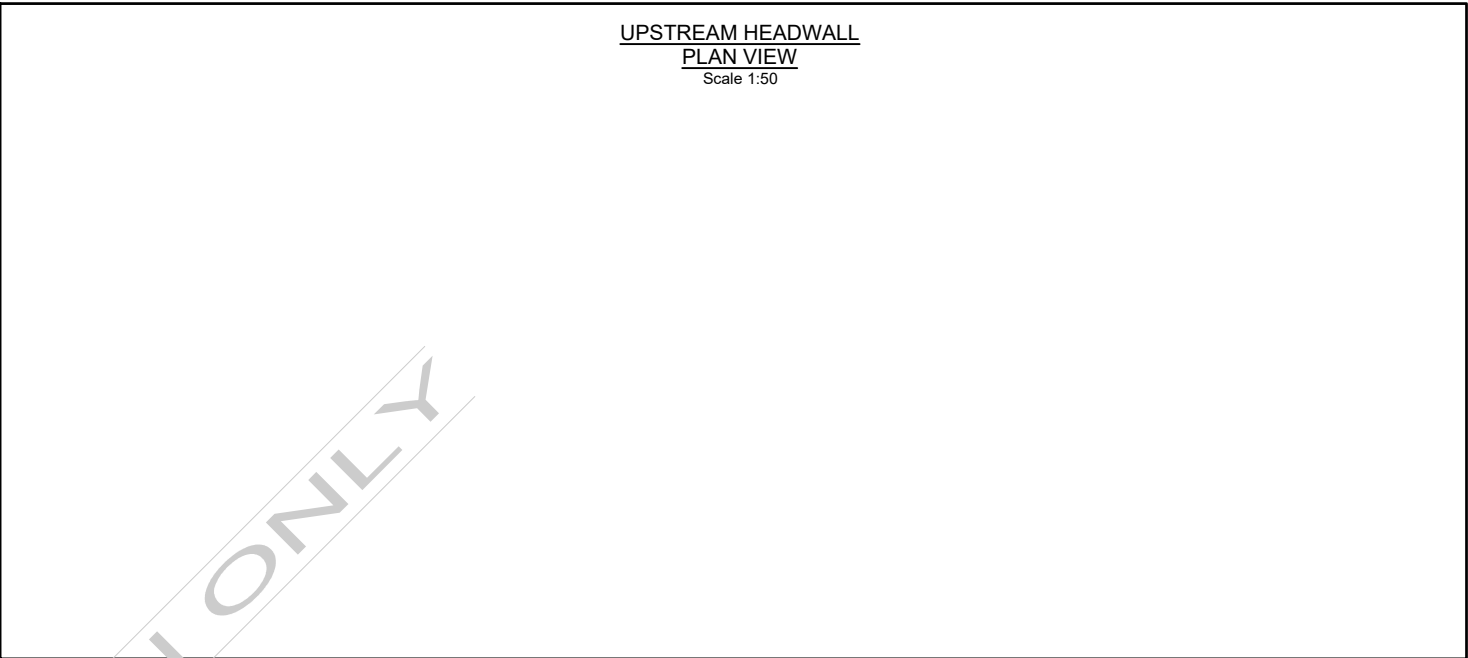
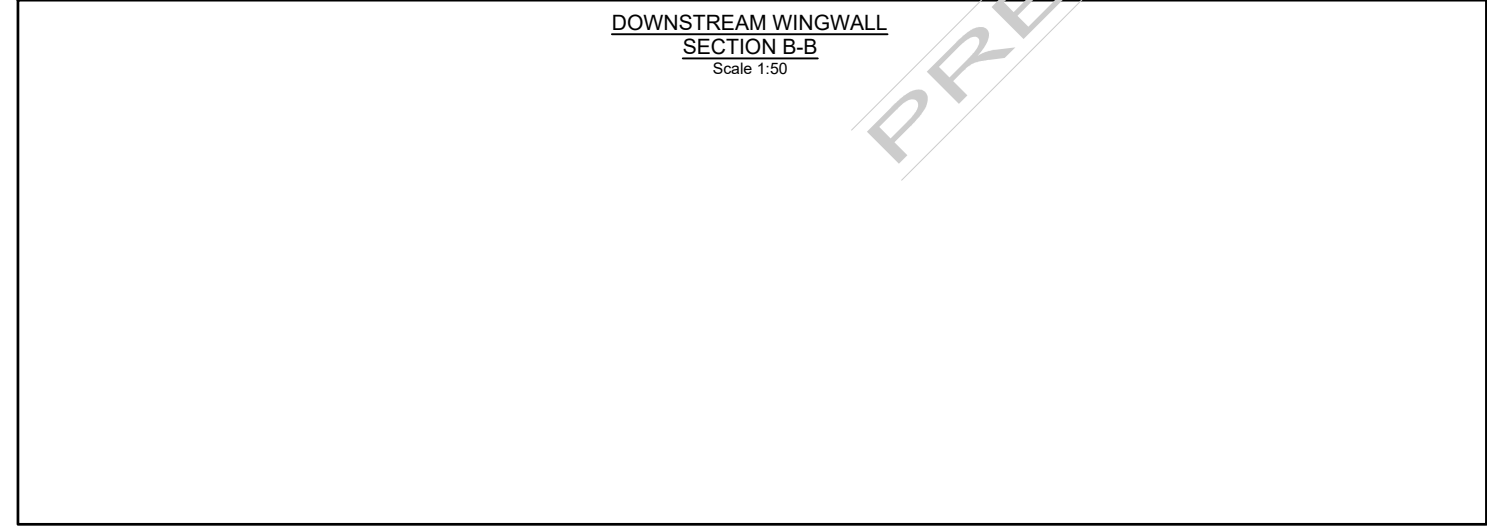
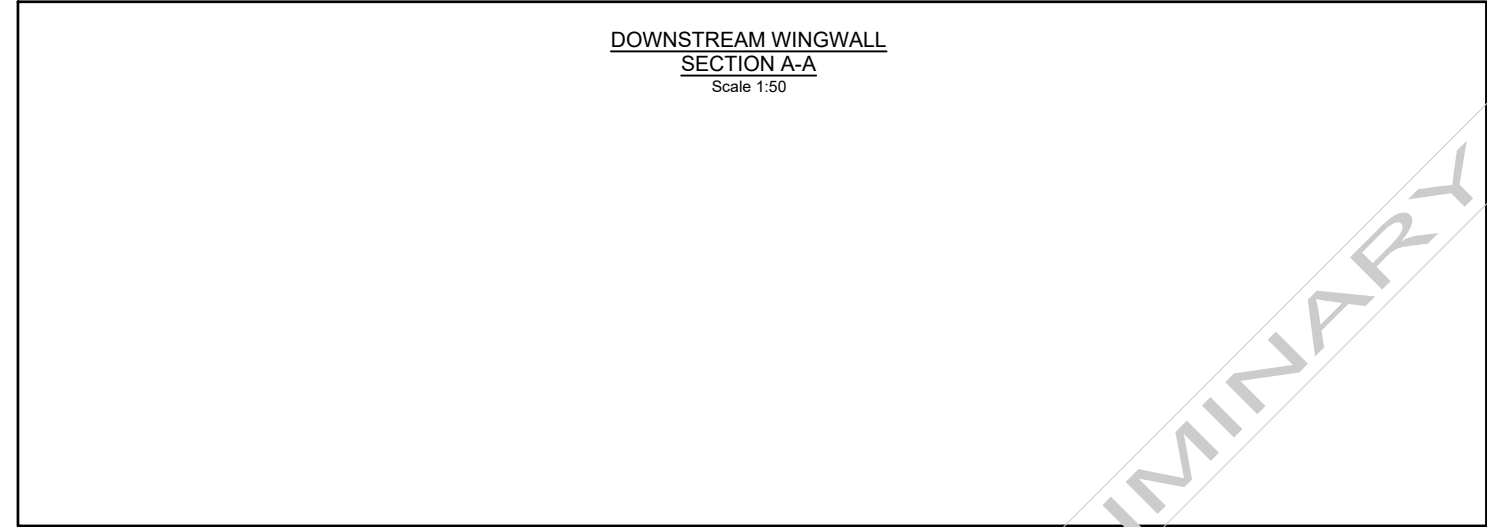
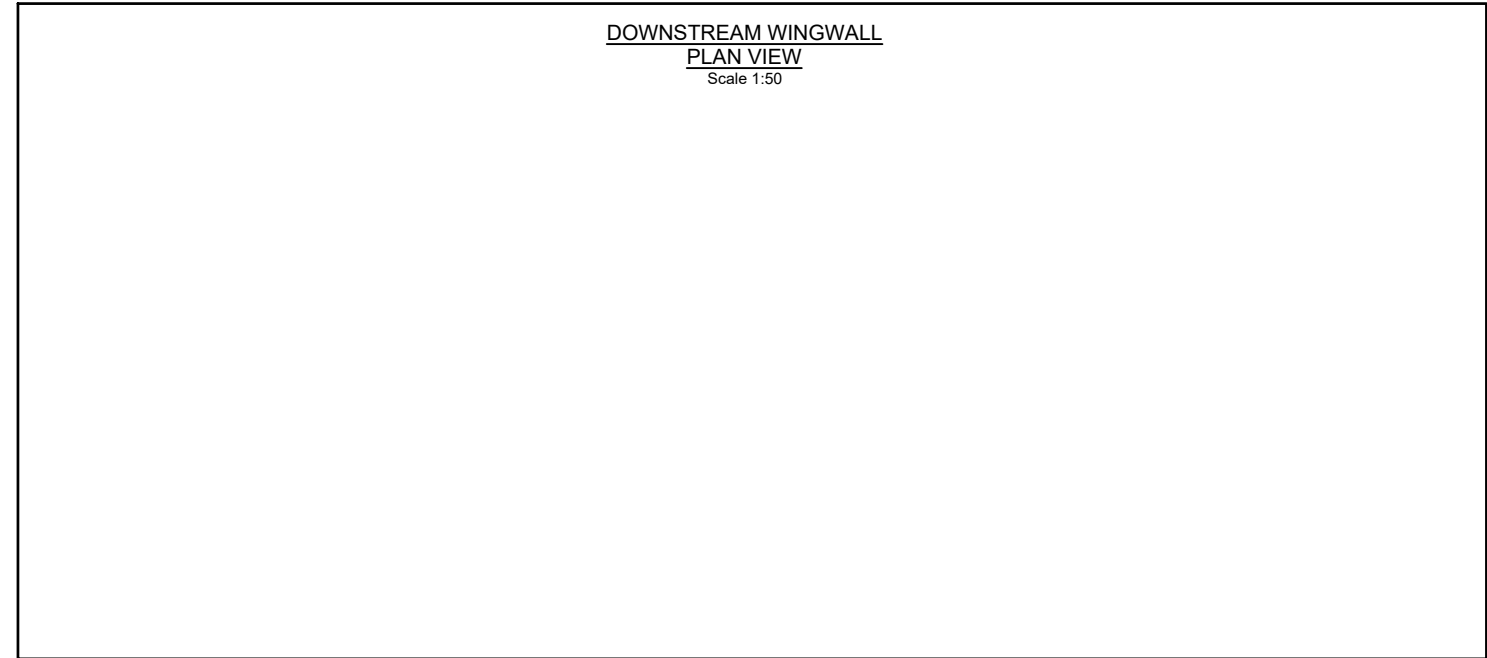
CITY OF GREATER
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PRELIMINARY PLAN ONLY