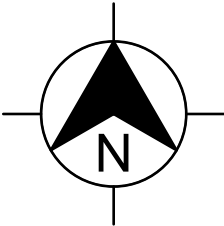




SOUTH BOWENFELS DEVELOPMENT APPLICATION PROPOSED LOT, ROAD AND DRAINAGE WORKS

LEGEND			
DESCRIPTION	PROPOSED	EXISTING	FUTURE
EXTENT OF WORKS			
ELSHOLZ KERB			
ROLL KERB			
KERB ONLY			
DISH DRAIN			
EDGE STRIP			
CONTOURS			
BOUNDARIES			
DRAINAGE LINE & PIT			
HEADWALL			
CATCHDRAIN			
RETAINING WALLS			
ZONE BOUNDARY			
PARKING BAY			
TREE PROTECTION ZONE			



CIVIL PLAN INDEX		
PLAN NO.	PLAN NAME	REV
110698-03-CC001	COVER SHEET, NOTES, LEGEND & INDEX	I
110698-03-CC002	LAYOUT PLAN	G
110698-03-CC003	LOT ARRANGEMENT PLAN	G
110698-03-CC004	TYPICAL SECTIONS	D
110698-03-CC005	PROPOSED SERVICES PLAN	E
110698-03-CC006	STAGING PLAN	F
110698-03-CC007	LOT ARRANGEMENT PLAN WITH EXISTING CADASTRAL BOUNDARIES	B
110698-03-CC008	LOT ARRANGEMENT PLAN WITH ZONE BOUNDARIES	B
110698-03-CC010	CUT & FILL PLAN	H
110698-03-CC011	SITE SECTIONS SHEET 1	C
110698-03-CC012	SITE SECTIONS SHEET 2	D
110698-03-CC050	ENGINEERING PLAN SHEET 1	G
110698-03-CC051	ENGINEERING PLAN SHEET 2	D
110698-03-CC100	ROAD LONGITUDINAL SECTIONS SHEET 1	E
110698-03-CC101	ROAD LONGITUDINAL SECTIONS SHEET 2	C
110698-03-CC102	ROAD LONGITUDINAL SECTIONS	C
110698-03-CC200	SOIL & WATER MANAGEMENT PLAN	G
110698-03-CD250	OSD AND RAINGARDEN PLAN	C
110698-03-CD251	NORTH RAINGARDEN PLAN	B
110698-03-CD300	SIGNAGE & LINEMARKING PLAN SHEET 1	C
110698-03-CD301	SIGNAGE & LINEMARKING PLAN SHEET 2	C
110698-03-CD400	TURNING PATHS SHEET 1	C
110698-03-CD401	TURNING PATHS SHEET 2	C

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DIMENSIONS & AREAS SHOWN ARE APPROXIMATE ONLY & ARE SUBJECT TO SURVEY.

THE POSITION OF FEATURES SHOWN MAY BE DIAGRAMMATIC ONLY & ARE SUBJECT TO SURVEY.

THIS PLAN IS FOR DEVELOPMENT APPLICATION PURPOSES ONLY.

EASEMENTS FOR SERVICES TO BE CREATED WHERE NECESSARY.



UTILITIES SHOWN ARE DIAGRAMMATIC ONLY. CONTRACTORS ARE RESPONSIBLE TO LOCATE AND AVOID DAMAGE TO THEM AS SPECIFIED BY EACH UTILITIES EXCAVATION GUIDE LINES & STANDARDS.

NOTE: UTILITIES SHOWN MAY NOT INCLUDE ALL SERVICES WITHIN THE LIMIT OF WORKS

Survey By:
CEH SURVEY
CONSULTING LAND, ENGINEERING AND MINING SURVEYORS
"ASTROLABE" 1 RUTHERFORD LANE, LITHGOW, 2790
Ph. (02) 6351 2281
Subdivision Survey:
Surveyed On: 04/06/2021 Plan Number: 4882_DETAIL_0621

Survey By:
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CONSULTING LAND, ENGINEERING AND MINING SURVEYORS
"ASTROLABE" 1 RUTHERFORD LANE, LITHGOW, 2790
Ph. (02) 6351 2281
Subdivision Survey:
Surveyed On: 21/04/2016
Plan Number: TTL MASTER PLAN, JOB:TTL MASTER-TTL001

I	INDEX UPDATED	CC	JM	KE	KE	17/01/24
H	INDEX UPDATED	CC	JM	KE	KE	16/08/23
G	INDEX UPDATED	CC	JM	MS	MS	02/06/23
F	LIMIT OF WORKS & INDEX UPDATED	CC	JM	MS	MS	19/05/23
E	INDEX UPDATED	CC	JM	KE	MS	03/03/23
D	INDEXAEX UPDATED	CC	JM	KE	KE	20/01/23
C	LOTS 20 & 25 BOUNDARIES AMENDED	CC	JM	KE	KE	19/01/23
B	ISSUE FOR DA APPROVAL	CC	JM	KE	MS	08/12/22
A	ISSUE FOR CLIENT REVIEW	CC	JM			
	AMENDMENT	DES	DRN	CKD	APR	DATE

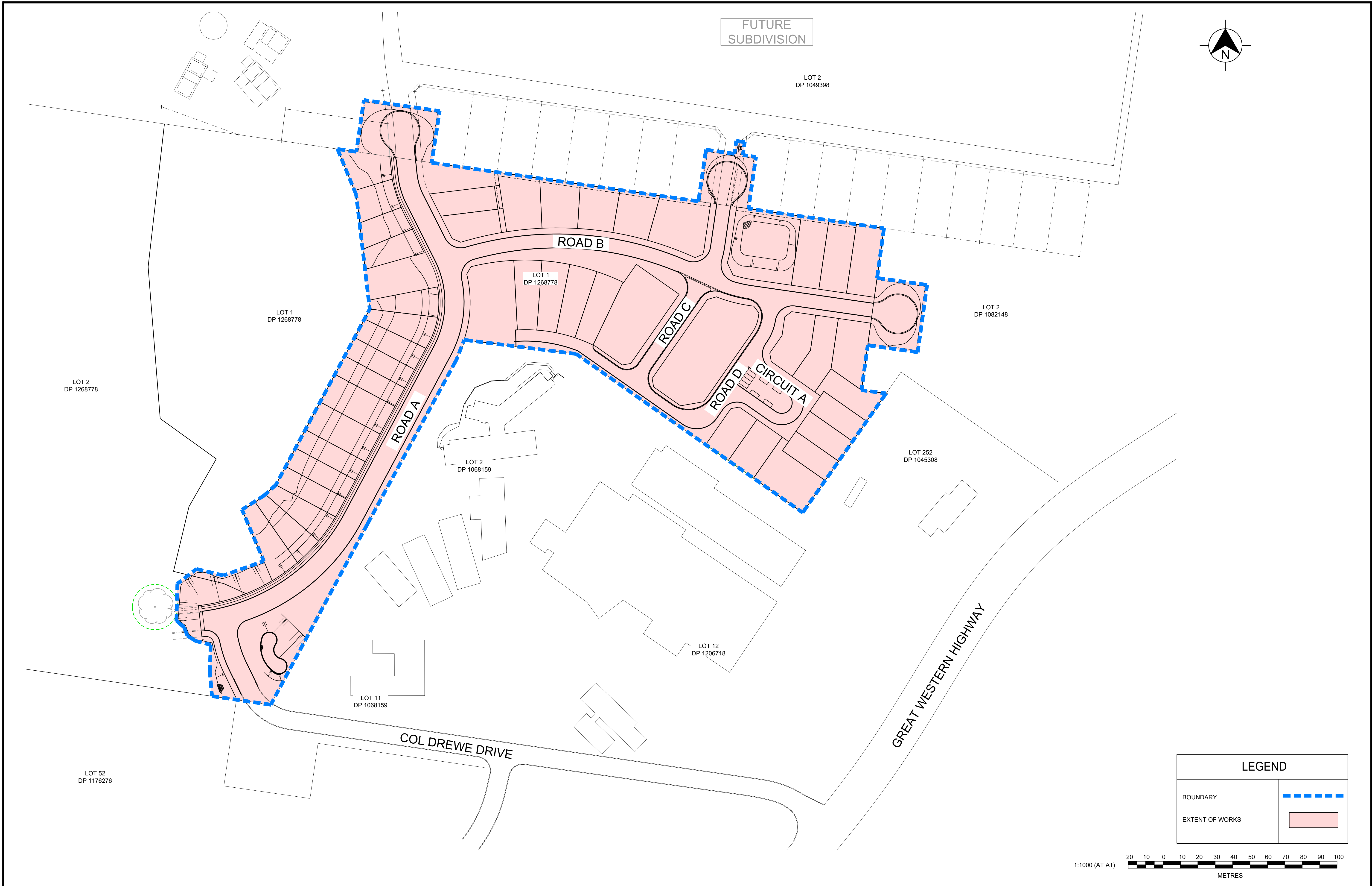
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SOUTH BOWENFELS STAGE 1 & 2 COVER SHEET, NOTES, LEGEND & INDEX				PROJECT No: 110698-03	
				SHEET No: CD001	
AZIMUTH: M.G.A.2020	DATUM: A.H.D.	ORIGIN:	PLAN No: 110698-03-CD001	I	

Plotted: 17 January, 2024 4:27:01 PM File Name: C:\Synergy\W\State\AS\WP07110698_03_Development Application_13584\Design\CD110698-03-CD002.dwg



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F	COUNCIL COMMENTS ADDRESSED	CC	JM	KE	KE	16/08/23
E	EXTENT OF WORKS & LOT LAYOUT AMENDED	CC	JM	MS	MS	19/05/23
D	RAINGARDEN ADDED & LIMIT OF WORKS AMENDED	CC	JM	KE	MS	03/03/23
C	LOTS 20 & 25 BOUNDARIES AMENDED	CC	JM	KE	KE	19/01/23
B	ISSUE FOR DA APPROVAL	CC	JM	KE	MS	08/12/22
A	ISSUE FOR CLIENT REVIEW	CC	JM			
	AMENDMENT	DES	DRN	CKD	APR	DATE

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SOUTH BOWENFELS
STAGE 1 & 2
LAYOUT PLAN

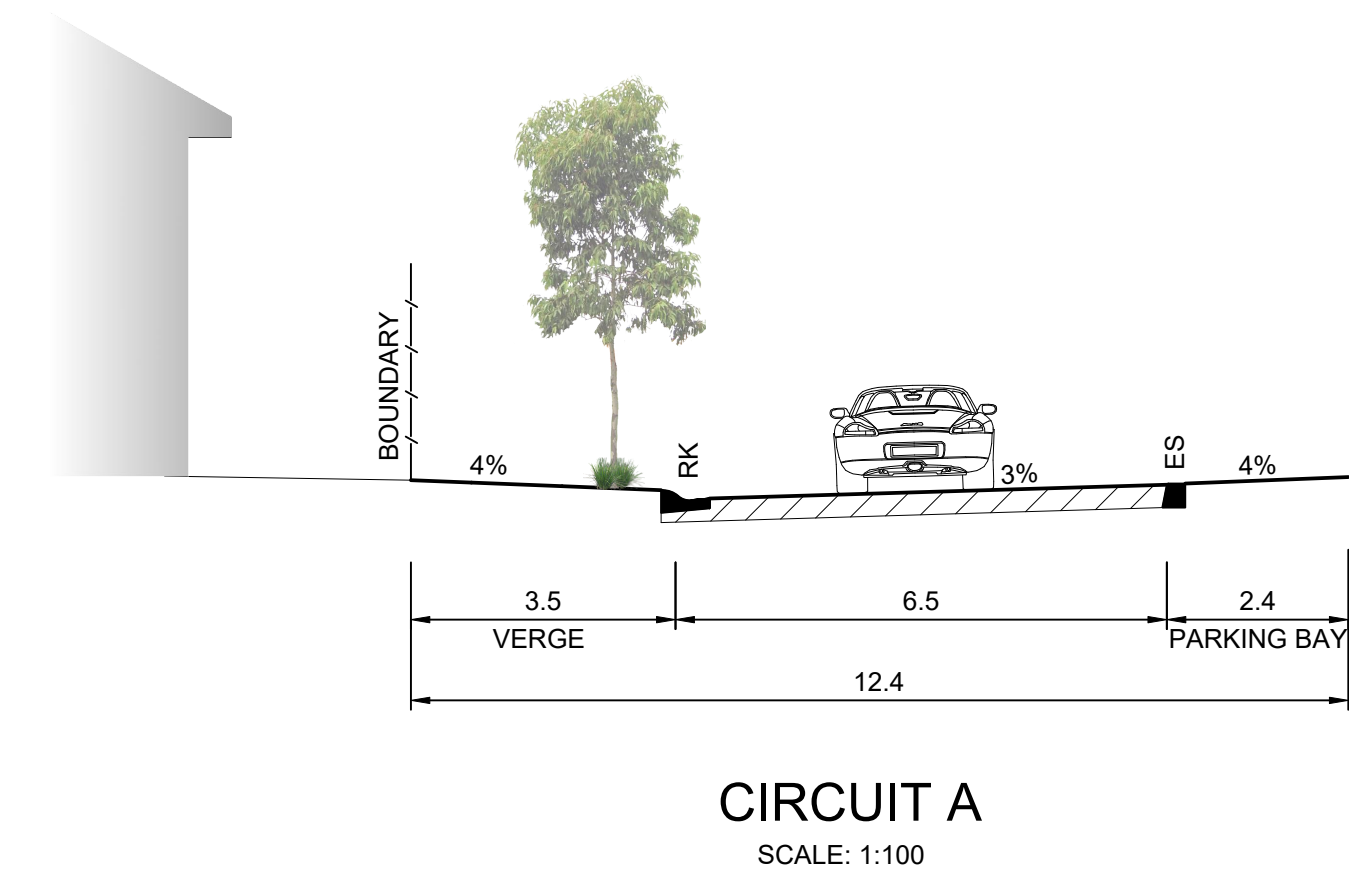
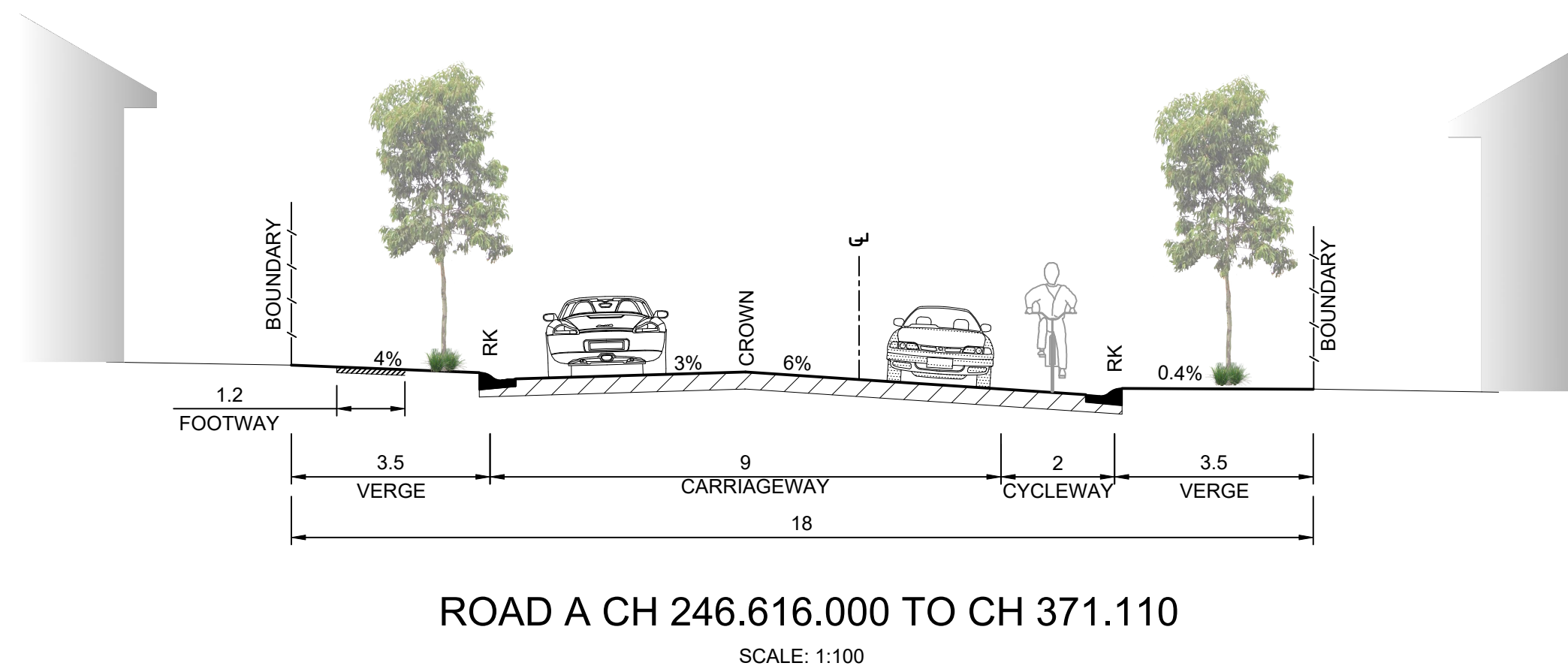
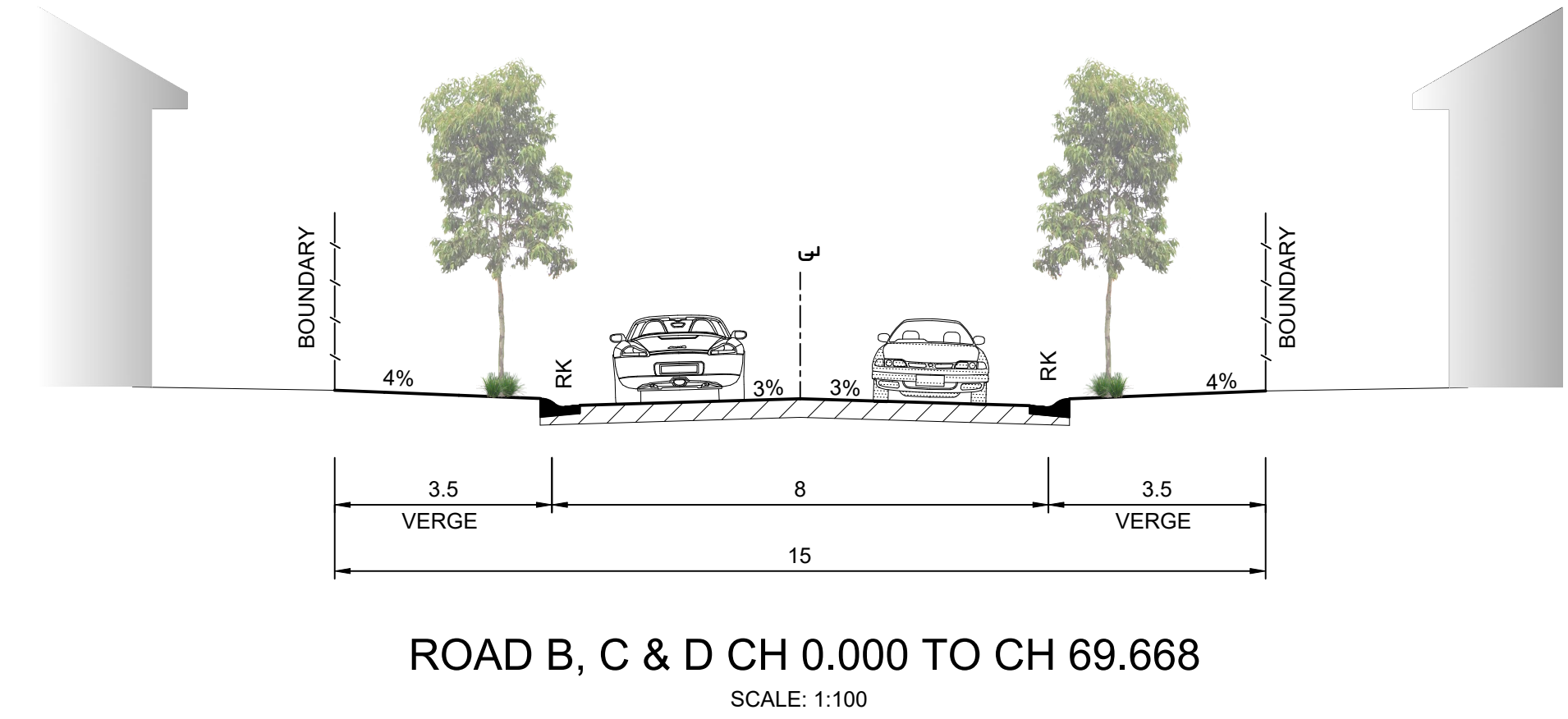
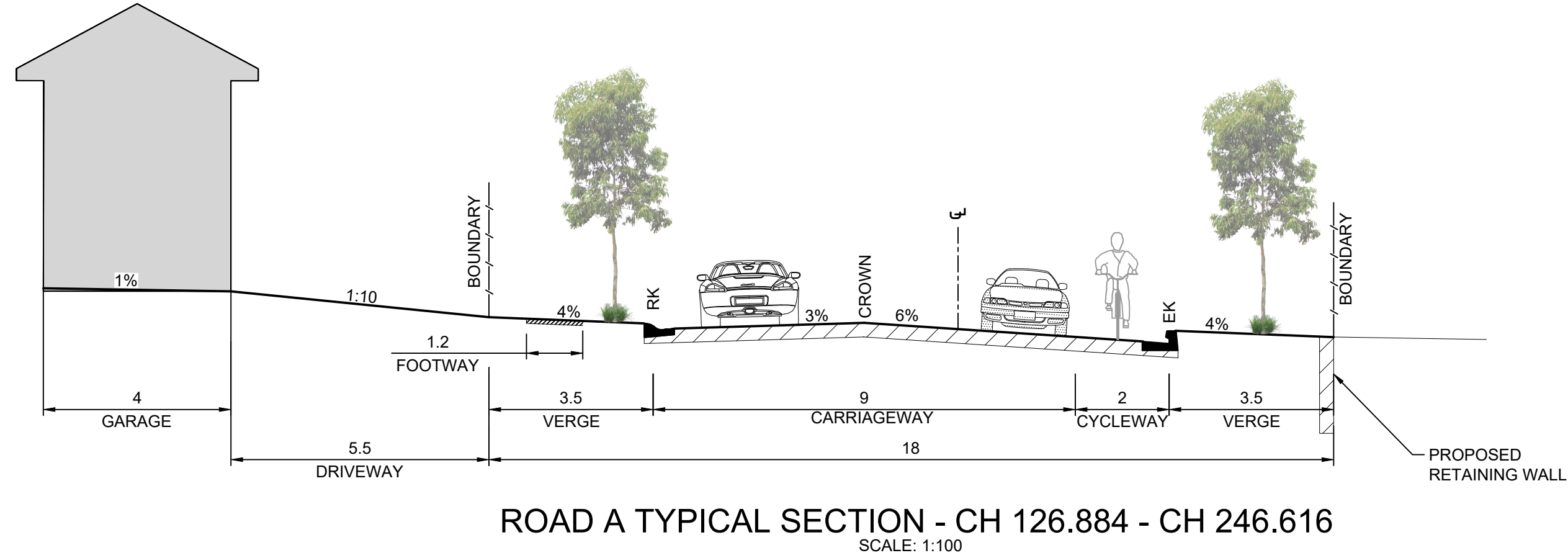
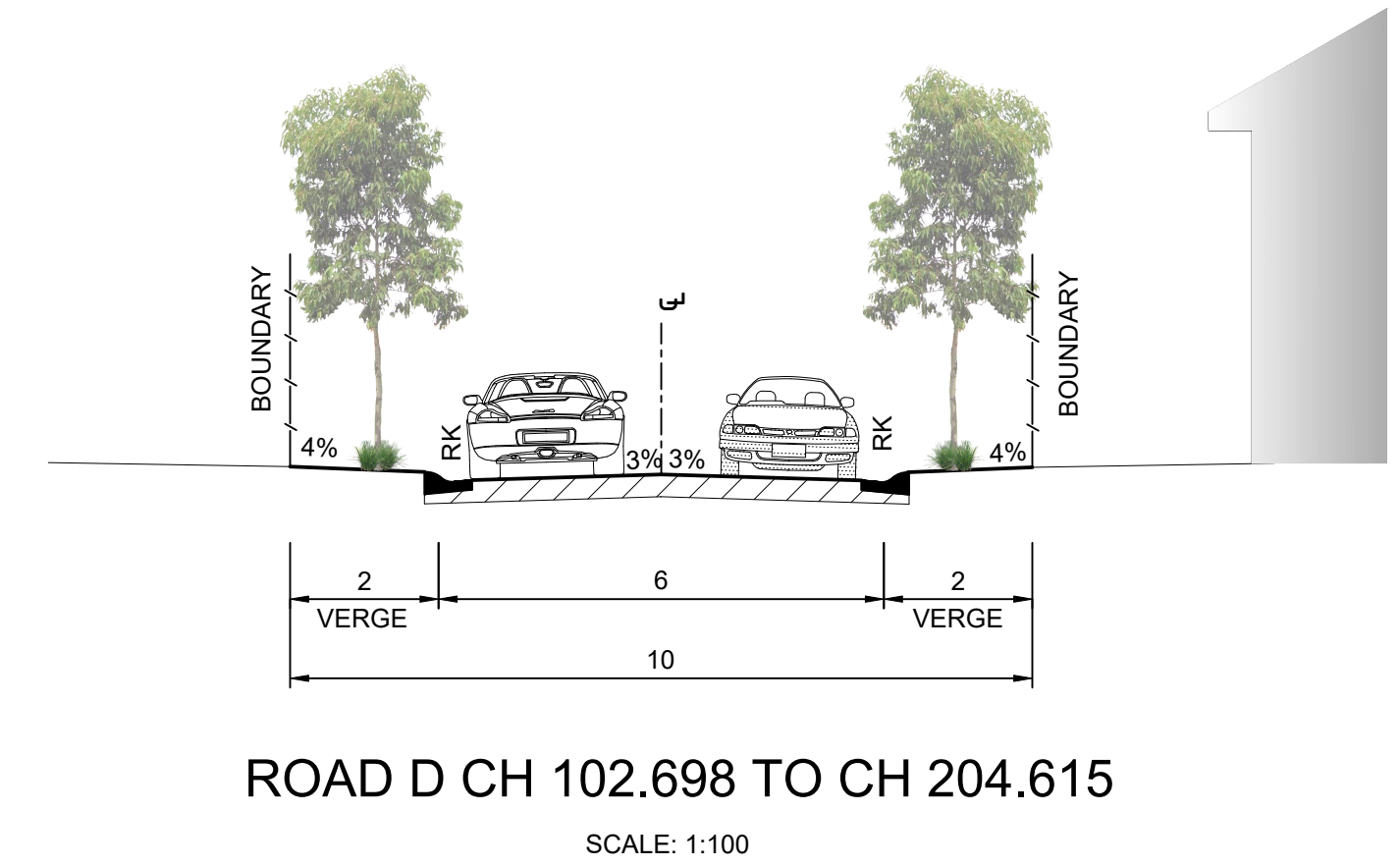
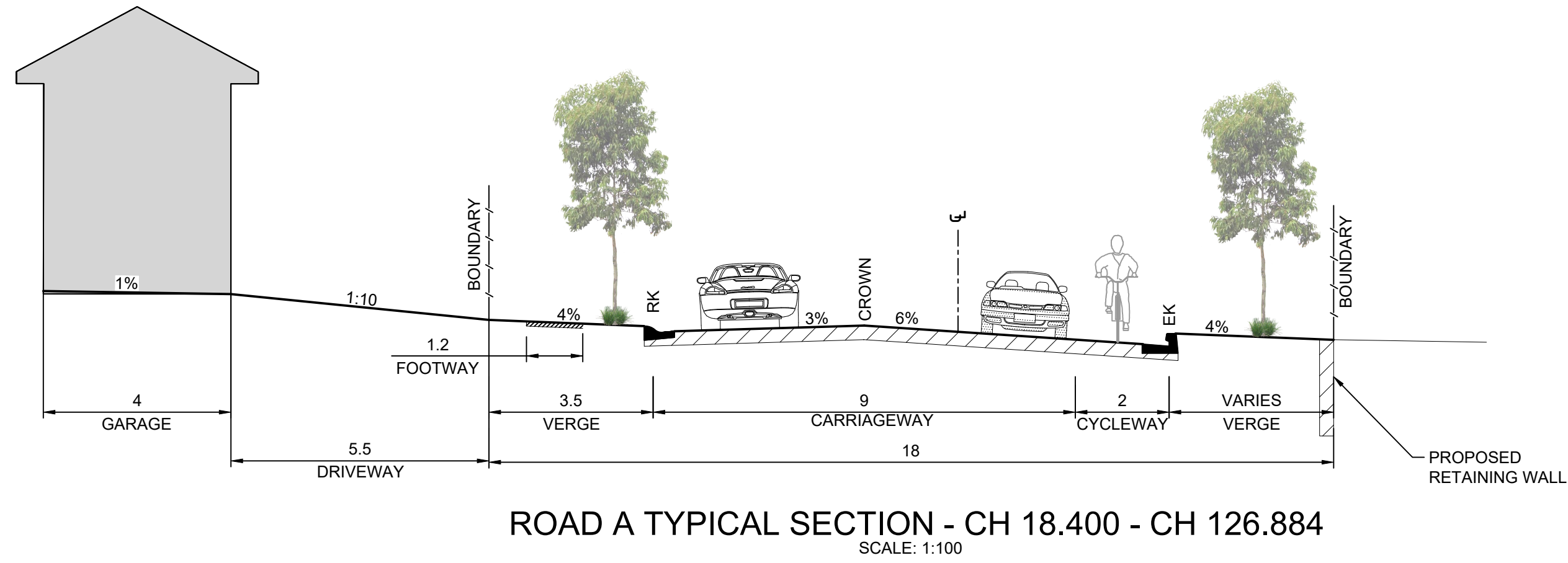
AZIMUTH: M.G.A.2020 DATUM: A.H.D. ORIGIN: PLAN No: 110698-03-CD002

PROJECT No:
110698-03

SHEET No:
CD002

G

Plotted: 16 August, 2023 8:44:57 AM File Name: C:\Synergy\WS\data\AS\JWP07110698-03 - Development Application_13584\Design\CD\110698-03-CD004.dwg



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C	TYPICAL SECTION UPDATED	CC	JM	MS	MS	19/05/23
B	ISSUE FOR DA APPROVAL	CC	JM	KE	MS	08/12/22
A	ISSUE FOR CLIENT REVIEW	CC	JM			
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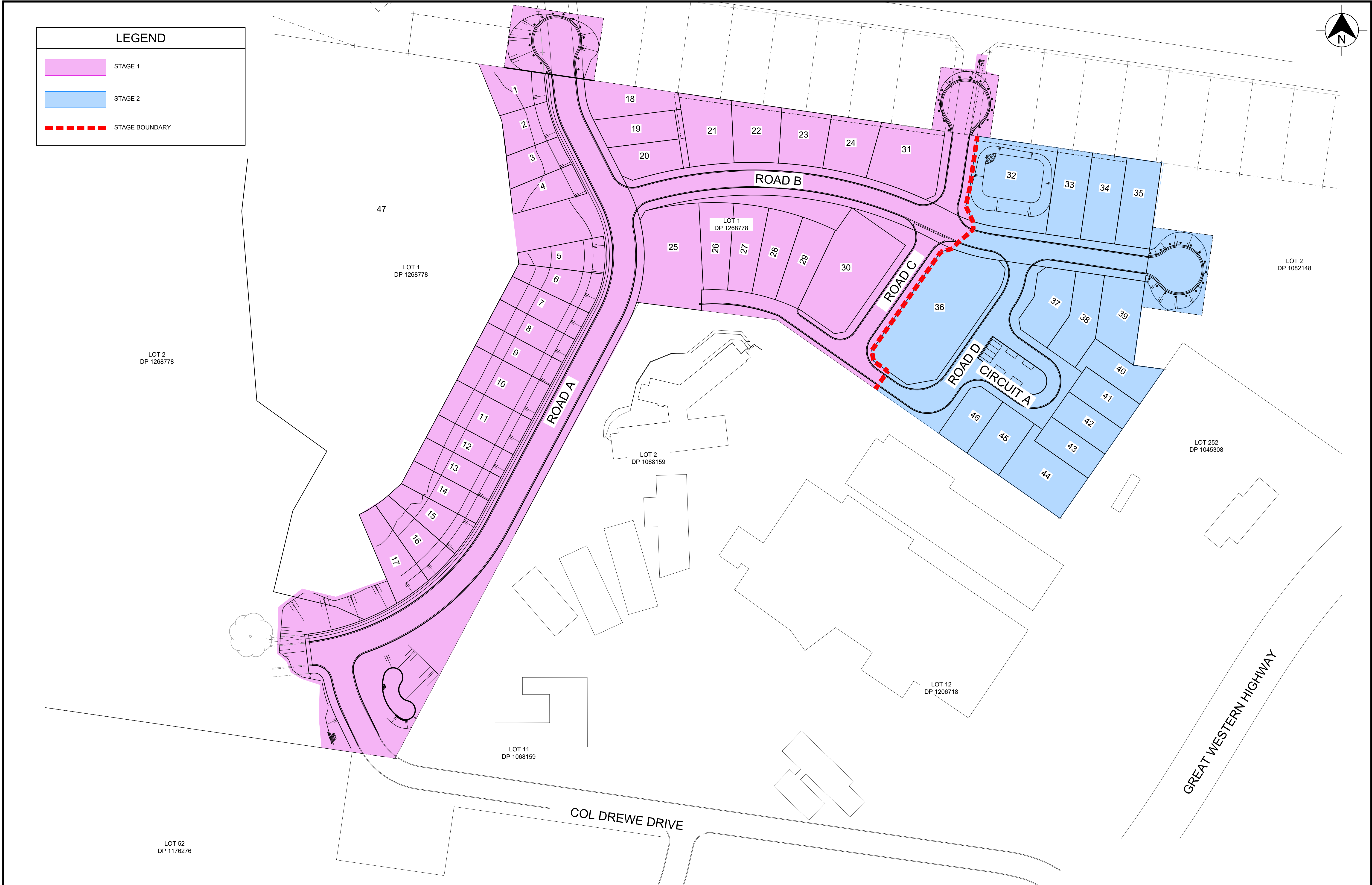
J. WYNDHAM PRINCE
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SOUTH BOWENFELS STAGE 1 & 2 TYPICAL SECTIONS				PROJECT No: 110698-03	
				SHEET No: CD004	
AZIMUTH: M.G.A.2020	DATUM: A.H.D.	ORIGIN:	PLAN No: 110698-03-CD004	D	

Plotted: 17 January, 2024 4:27:02 PM. File Name: C:\Synergy\W\State\AS\WP07110698_03_Development Application_13584\Design\CD110698-03-CD006.dwg



F	STAGE 1 HATCH UPDATED	CC	JM	KE	KE	17/01/24
E	COUNCIL COMMENTS ADDRESSED	CC	JM	KE	KE	16/08/23
D	STAGING AREAS & LOT LAYOUT AMENDED	CC	JM	MS	MS	19/05/23
C	RAINGARDEN & EASEMENT ADDED & STAGE BOUNDARY AMENDED	CC	JM	KE	MS	03/03/23
B	LOTS 20 & 25 BOUNDARIES AMENDED	CC	JM	KE	KE	19/01/23
A	ISSUE FOR DA APPROVAL	CC	JM	KE	MS	08/12/22
	AMENDMENT	DES	DRN	CKD	APR	DATE

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SOUTH BOWENFELS
STAGE 1 & 2
STAGING PLAN

PROJECT No:
110698-03
SHEET No:
CD006

AZIMUTH: M.G.A.2020

DATUM: A.H.D.

ORIGIN:

PLAN No: **110698-03-CD006**

F



B	COUNCIL COMMENTS ADDRESSED	CC	JM	KE	16/08/23
A	ISSUE FOR DA APPROVAL	CC	JM	MS	19/05/23
	AMENDMENT	DES	DRN	CKD	APR DATE

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**SOUTH BOWENFELS
STAGE 1 & 2
LOT ARRANGEMENT PLAN
WITH EXISTING CADASTRAL BOUNDARIES**

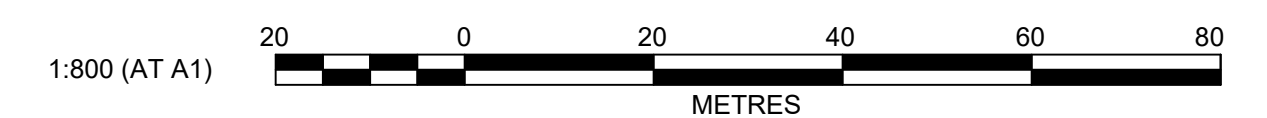
PROJECT No:

110698-03

SHEET No:

CD007

(A) PROPOSED EASEMENT 2m WIDE TO DRAIN WATER
(B) RIGHTS OF CARRIAGEWAYS WILL BE CREATED OVER THE TEMPORARY TURNING HEADS.
(C) PROPOSED EASEMENT 2.5m WIDE TO DRAIN WATER.



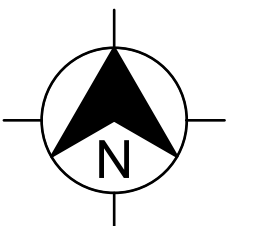
AZIMUTH: M.G.A.2020

DATUM: A.H.D.

ORIGIN:

PLAN No: 110698-03-CD007

3



1:800 (AT A1)

20 0 20 40 60 80

METRES

PROJECT No: 110698-03	
SHEET No: CD008	
3-CD008	B



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G	COUNCIL COMMENTS ADDRESSED	CC	JM	KE	KE	16/08/23
F	CUT FILL UPDATED	CC	JM	MS	MS	02/06/23
E	ROAD A, BASIN & CUT FILL UPDATED	CC	JM	MS	MS	19/05/23
D	RAINGARDEN & EASEMENT ADDED & CUT & FILL HATCH AMENDED	CC	JM	KE	MS	03/03/23
C	LOTS 20 & 25 BOUNDARIES AMENDED	CC	JM	KE	KE	19/01/23
B	ISSUE FOR DA APPROVAL	CC	JM	KE	MS	08/12/22
A	ISSUE FOR CLIENT REVIEW	CC	JM			
AMENDMENT		DES	DRN	CKD	APR	DATE

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SOUTH BOWENFELS
STAGE 1 & 2
CUT & FILL PLAN

PROJECT No: **110698-03**

SHEET No: **CD010**

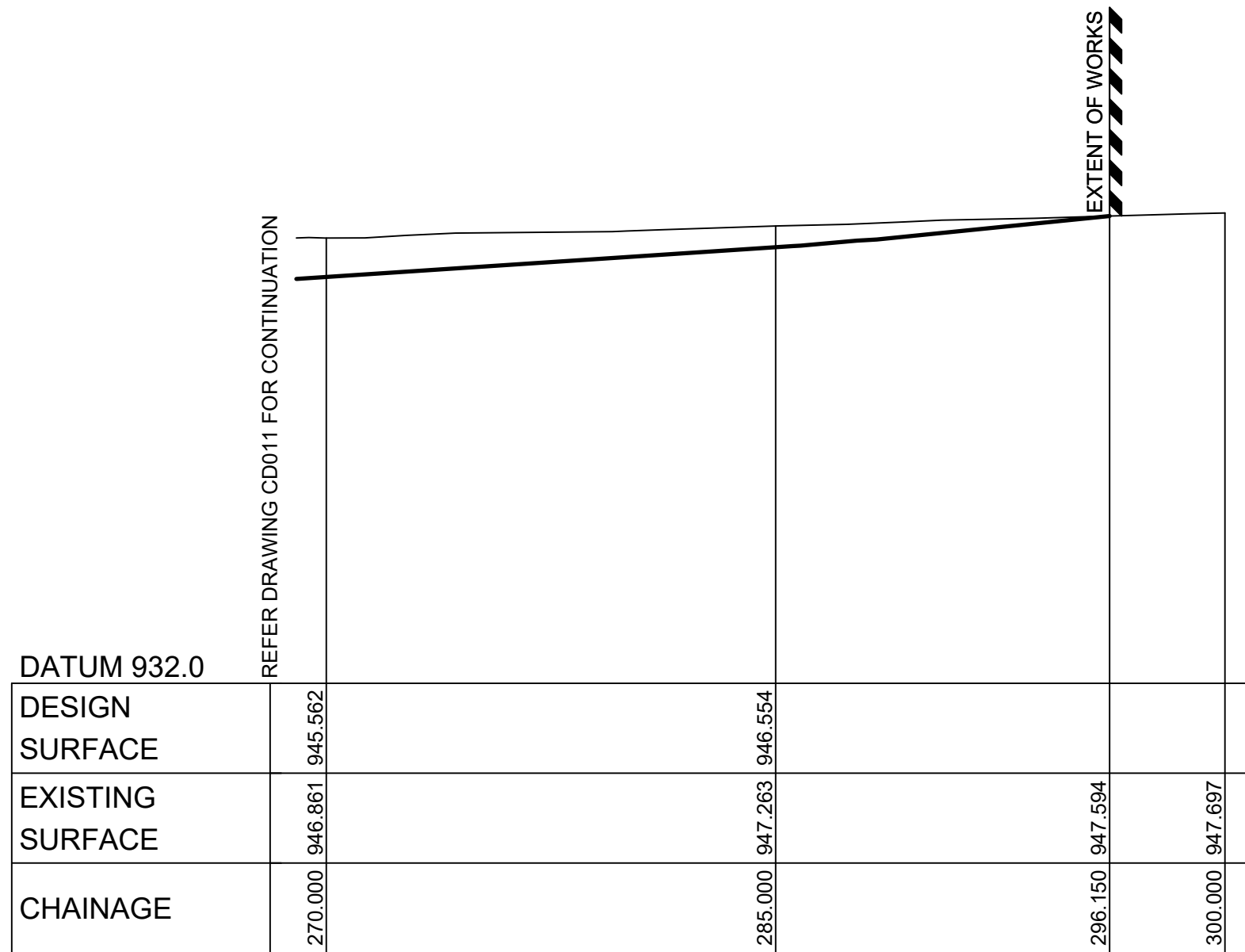
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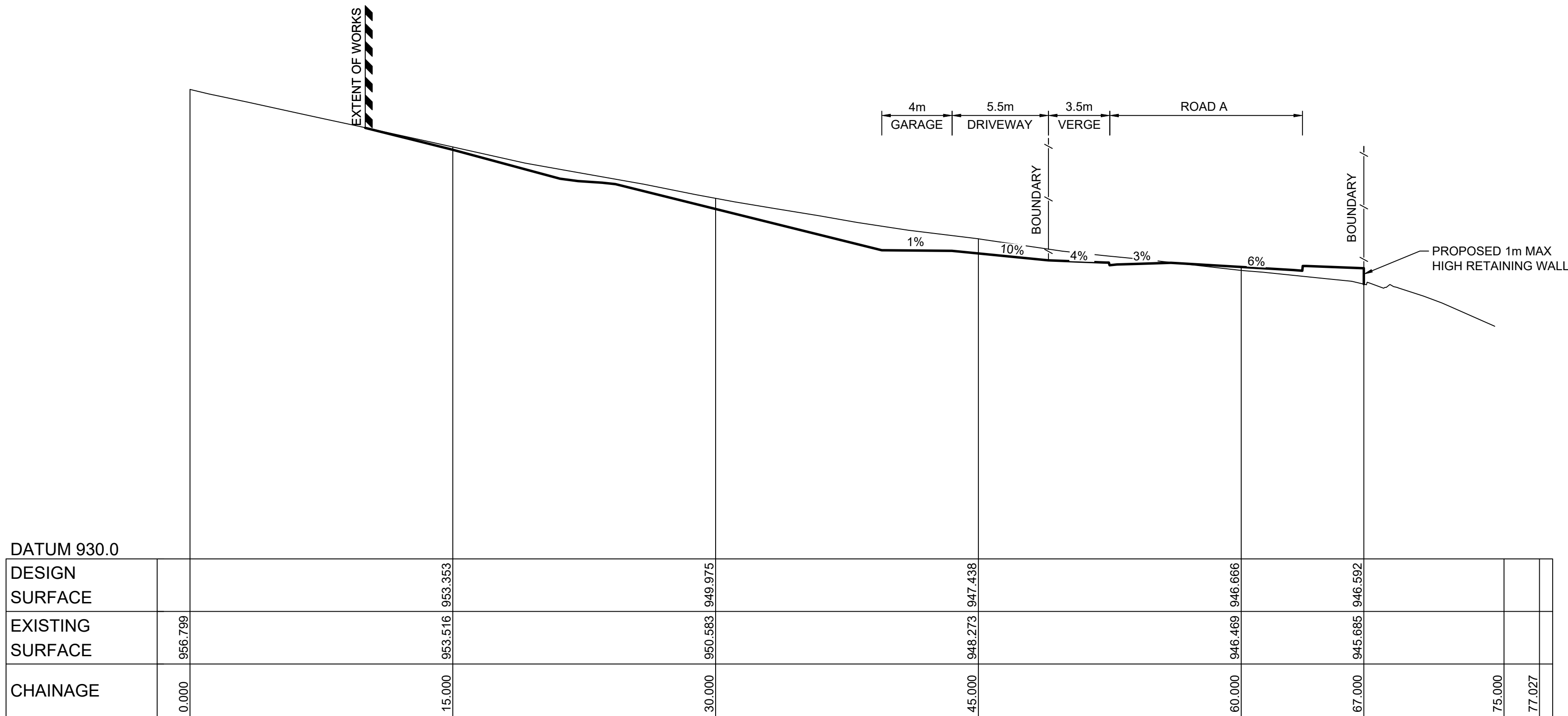
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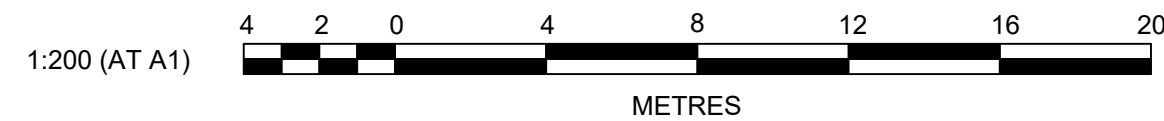
SECTION B
SCALE H 1:200
V 1:200
CD010



SECTION A
SCALE H 1:200
V 1:200
CD010

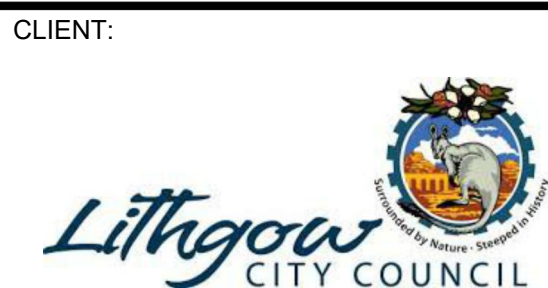


SECTION C
SCALE H 1:200
V 1:200
CD010



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C	SITE SECTION A UPDATED	CC	JM	MS	MS	02/06/23
B	SITE SECTION C UPDATED	CC	JM	MS	MS	19/05/23
A	ISSUE FOR DA APPROVAL	CC	JM	KE	MS	08/12/22
	AMENDMENT	DES	DRN	CKD	APR	DATE

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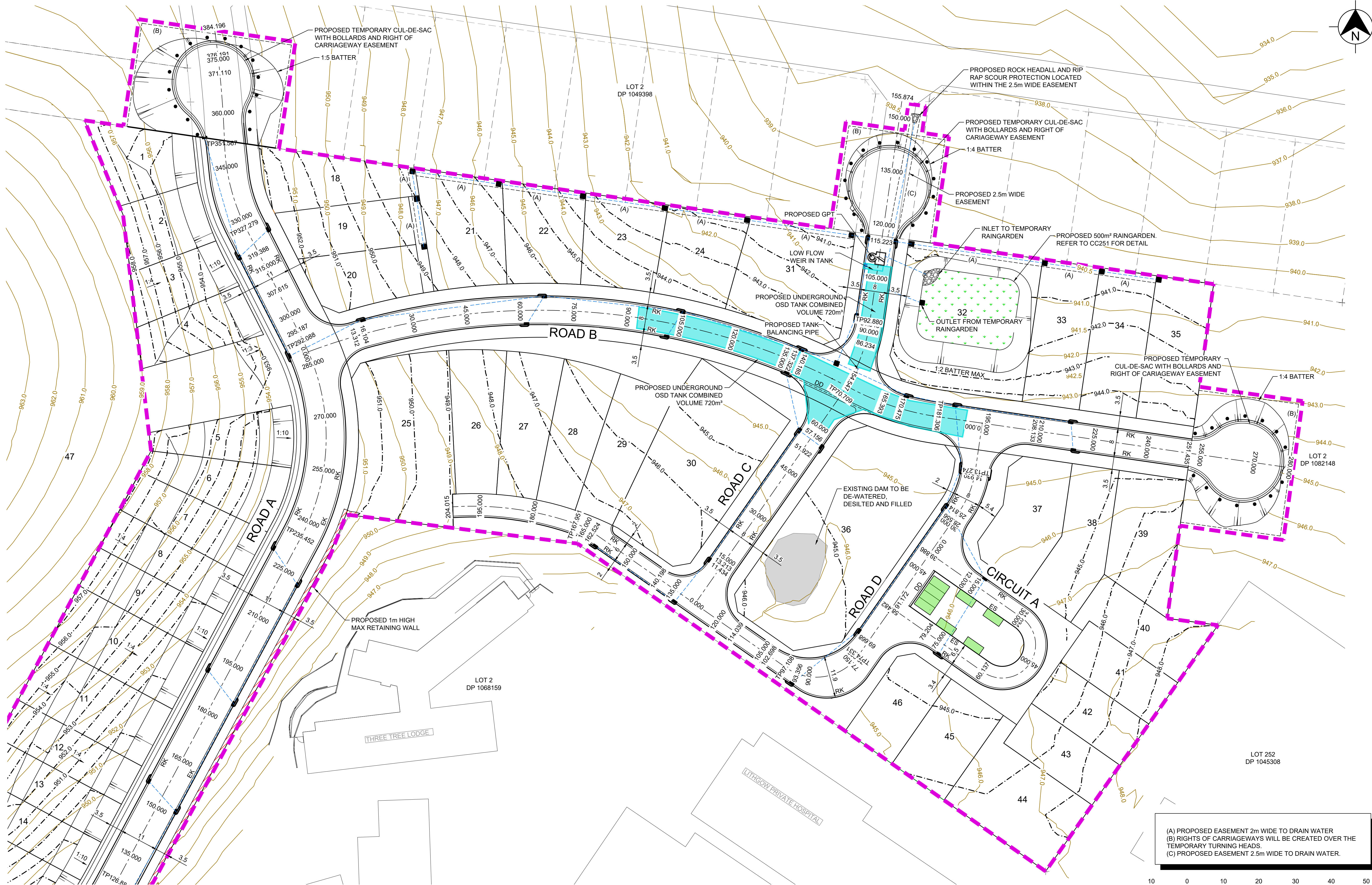


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SOUTH BOWENFELS STAGE 1 & 2 SITE SECTIONS SHEET 2				PROJECT No: 110698-03	
				SHEET No: CD012	
AZIMUTH: M.G.A.2020	DATUM: A.H.D.	ORIGIN:	PLAN No: 110698-03-CD012	D	

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REFER DRAWING CD051 FOR CONTINUATION



REFER DRAWING CD051 FOR CONTINUATION

1:500 (AT A1)
10 0 10 20 30 40 50
METRES

(A) PROPOSED EASEMENT 2m WIDE TO DRAIN WATER
(B) RIGHTS OF CARRIAGEWAYS WILL BE CREATED OVER THE TEMPORARY TURNING HEADS.
(C) PROPOSED EASEMENT 2.5m WIDE TO DRAIN WATER.

G	COUNCIL COMMENTS ADDRESSED	CC	JM	KE	KE	16/08/23			
F	OSD TANK UPDATED	CC	JM	MS	MS	02/06/23			
E	ROAD A AMENDED	CC	JM	MS	MS	18/05/23			
D	OSD, DRAINAGE & LOW AMENDED & RAINGARDEN & EASEMENT ADDED	CC	JM	KE	MS	03/03/23			
C	LOTS 20 & 25 BOUNDARIES AMENDED	CC	JM	KE	KE	19/01/23			
B	ISSUE FOR DA APPROVAL	CC	JM	KE	MS	08/12/22			
A	ISSUE FOR CLIENT REVIEW	CC	JM						
	AMENDMENT	DES	DRN	CKD	APR	DATE			

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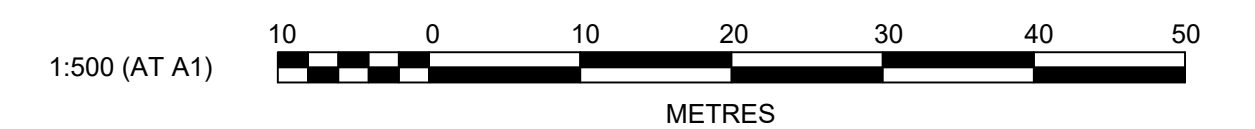
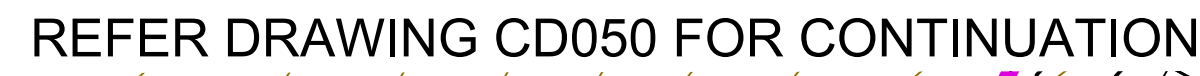
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**SOUTH BOWENFELS
STAGE 1 & 2
ENGINEERING PLAN
SHEET 1**

PROJECT No:
110698-03
SHEET No:
CD050

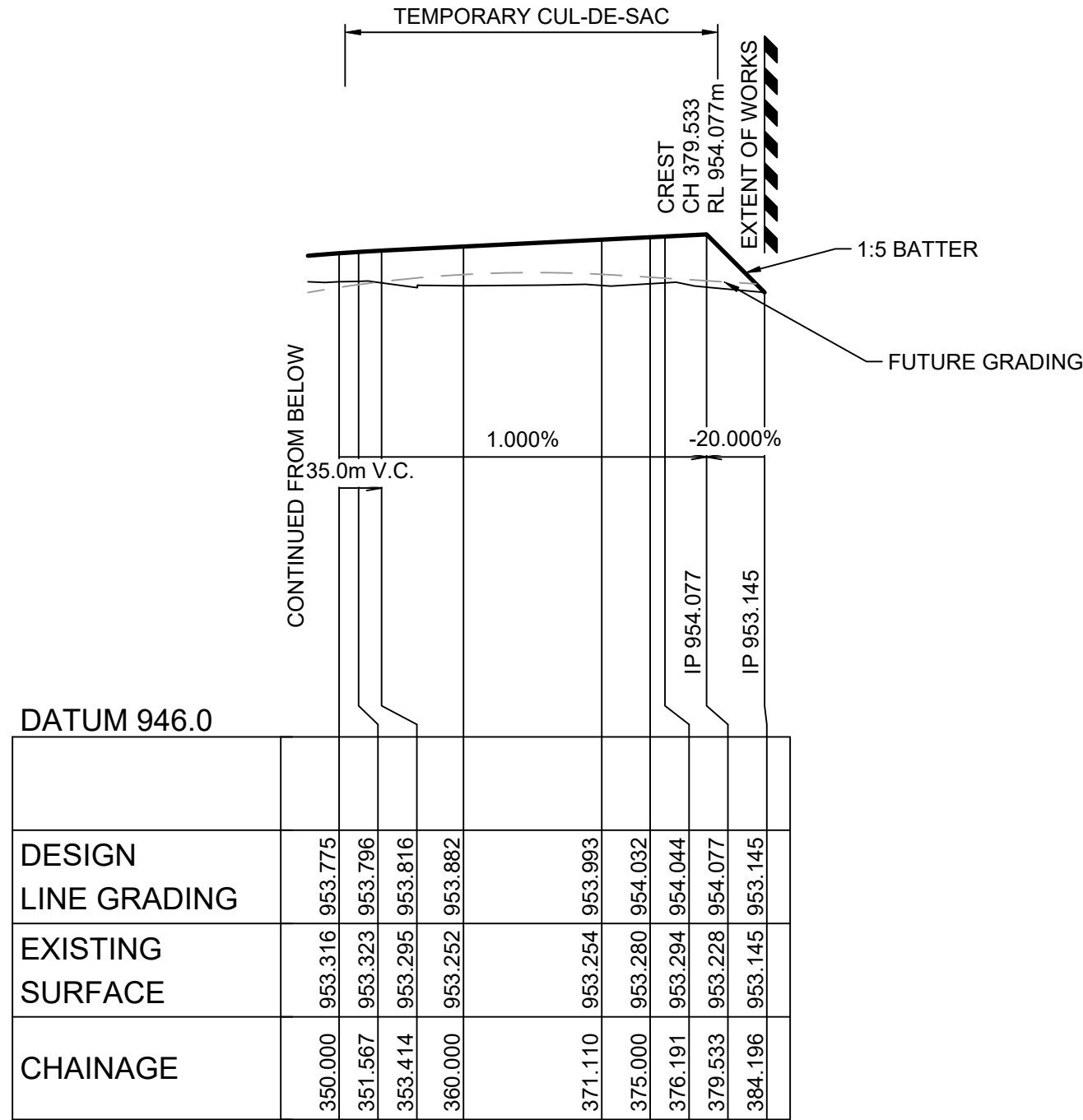
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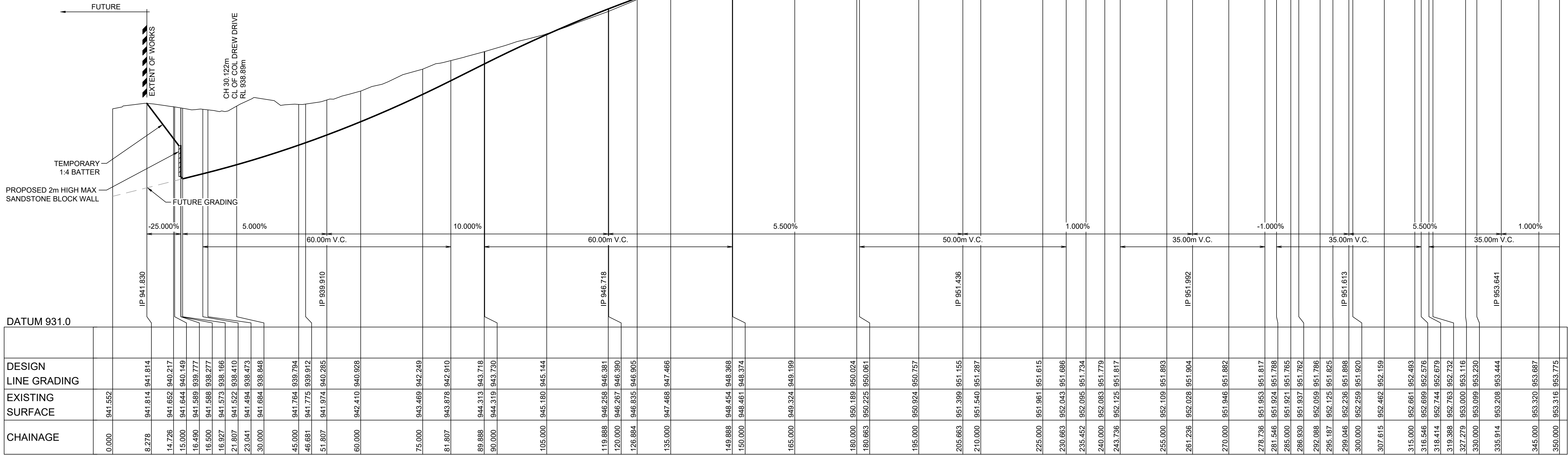


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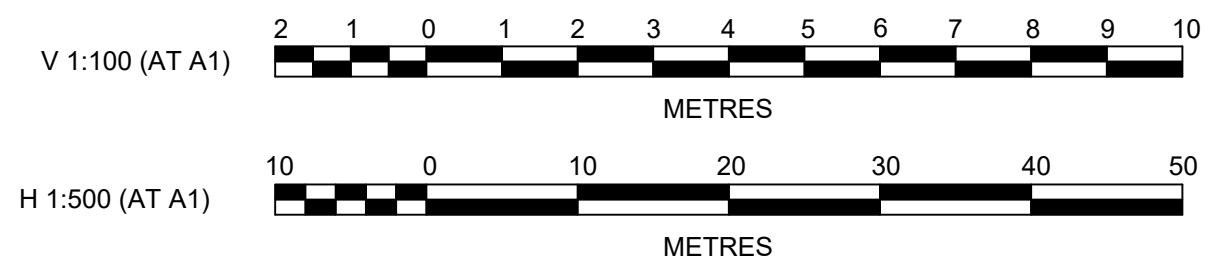
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LONGITUDINAL SECTION ROAD A
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100



LONGITUDINAL SECTION ROAD A
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100



E	RETAINING WALL ADDED TO ROAD A LONG SECTION	CC	JM	KE	KE	17/01/24
D	ROAD LONG SECTION UPDATED	CC	JM	MS	MS	19/05/23
C	LONG SECTION AMENDED	CC	JM	KE	MS	03/03/23
B	ISSUE FOR DA APPROVAL	CC	JM	KE	MS	08/12/22
A	ISSUE FOR CLIENT REVIEW	CC	JM			
	AMENDMENT	DES	DRN	CKD	APR	DATE

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P 02 4720 3300 W www.jwprince.com.au E jwp@jwprince.com.au

CLIENT:

Lithgow
CITY COUNCIL

STATUS:

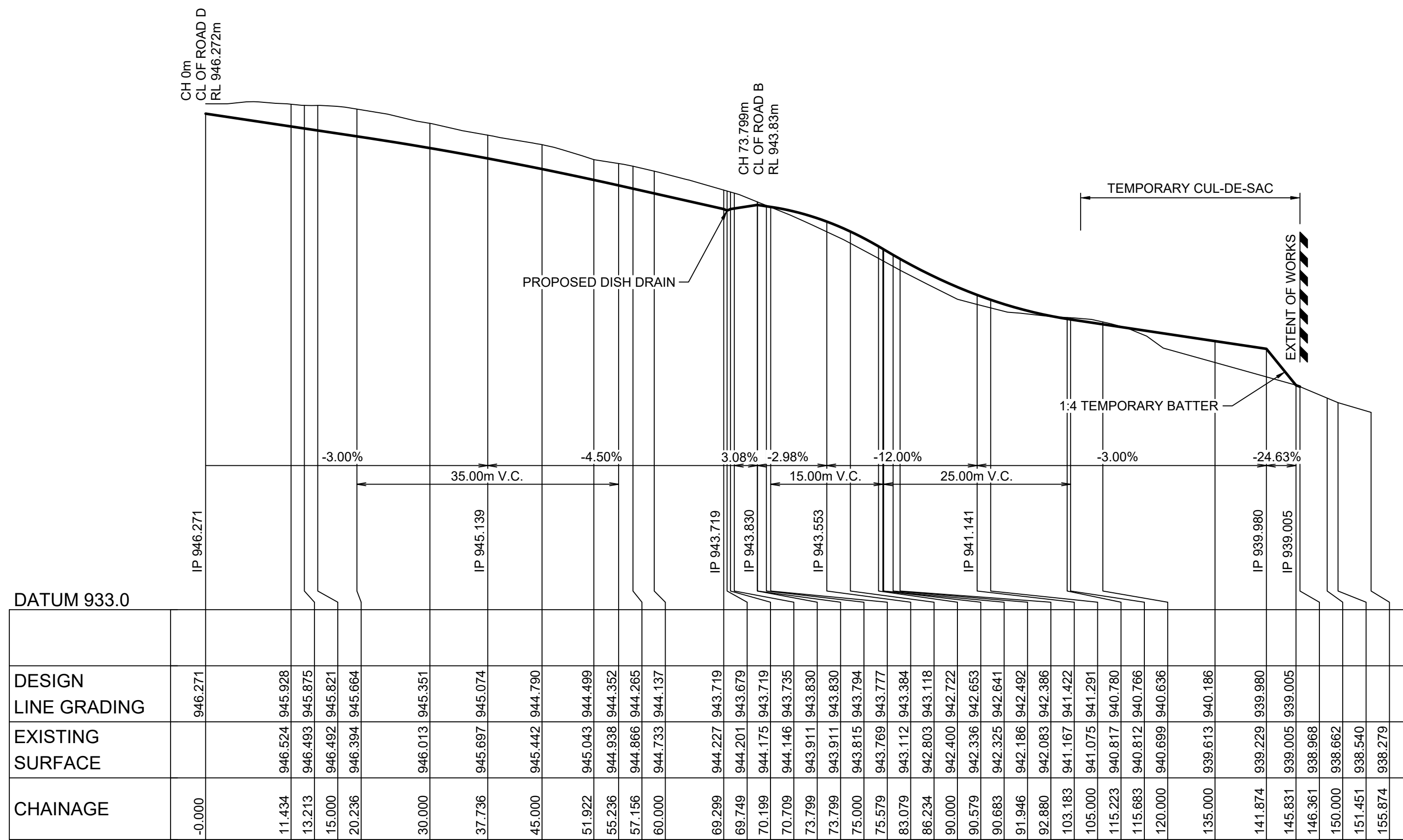
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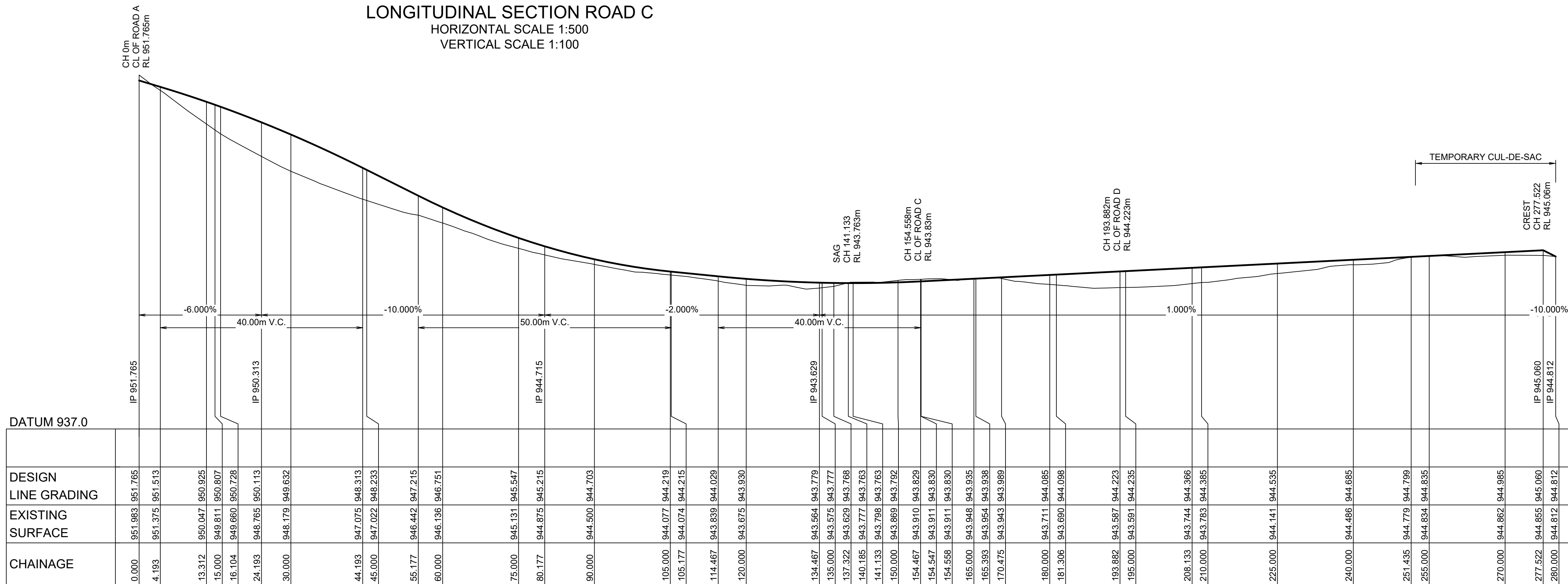
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SOUTH BOWENFELS STAGE 1 & 2 ROAD LONGITUDINAL SECTIONS SHEET 1				PROJECT No: 110698-03	
				SHEET No: CD100	
AZIMUTH: M.G.A.2020	DATUM: A.H.D.	ORIGIN:	PLAN No: 110698-03-CD100	E	

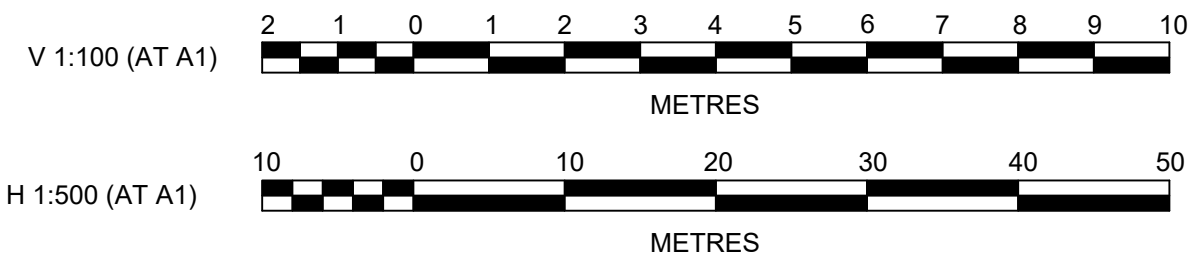
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LONGITUDINAL SECTION ROAD C
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100



LONGITUDINAL SECTION ROAD B
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100



C	LONG SECTION AMENDED	CC	JM	KE	MS	03/03/23
B	ISSUE FOR DA APPROVAL	CC	JM	KE	MS	08/12/22
A	ISSUE FOR CLIENT REVIEW	CC	JM			
	AMENDMENT	DES	DRN	CKD	APR	DATE

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**SOUTH BOWENFELS
STAGE 1 & 2
ROAD LONGITUDINAL SECTIONS
SHEET 2**

PROJECT No:

110698-03

SHEET No:

CD101

AZIMUTH: M.G.A.2020

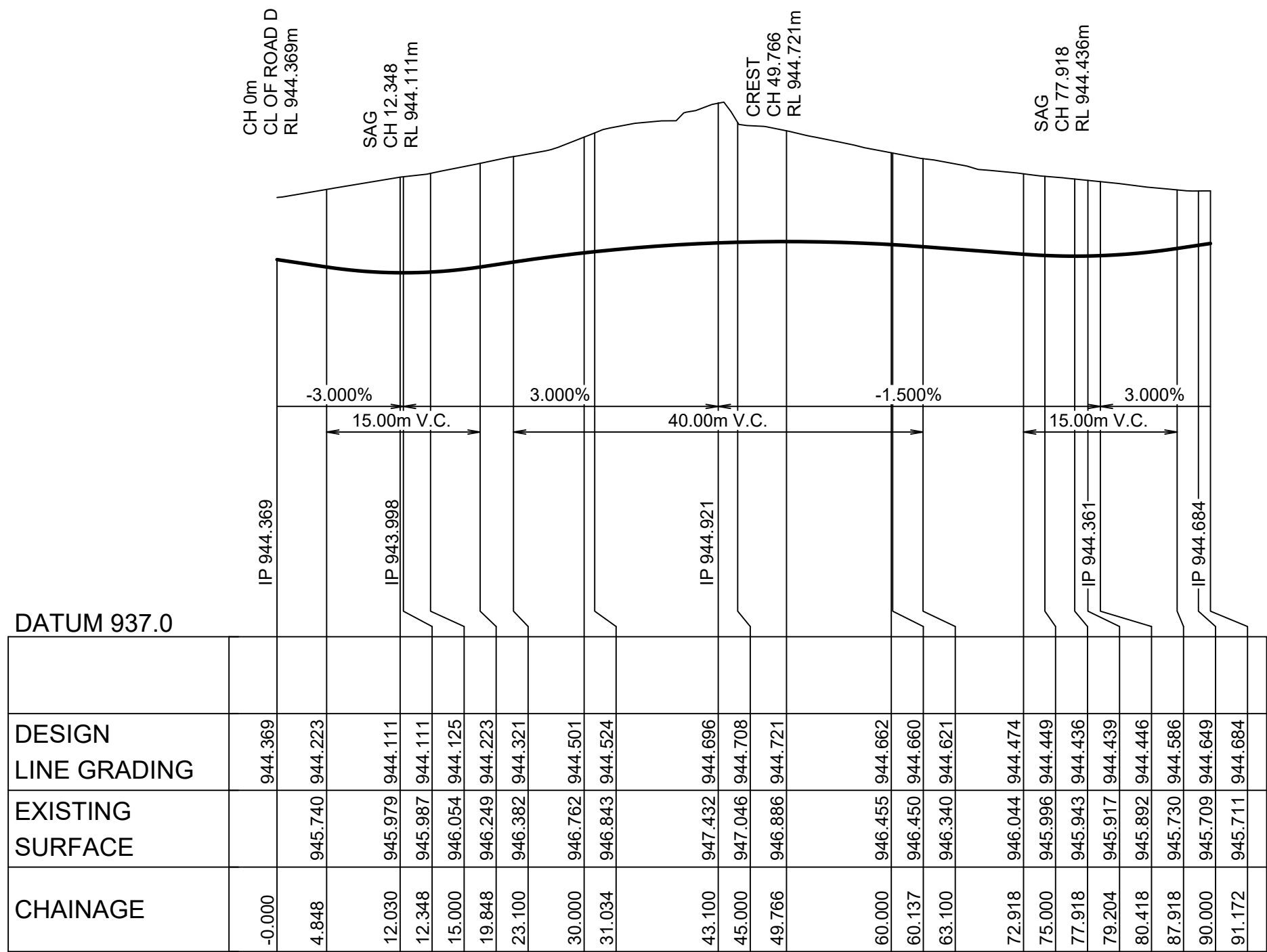
DATUM: A.H.D.

ORIGIN:

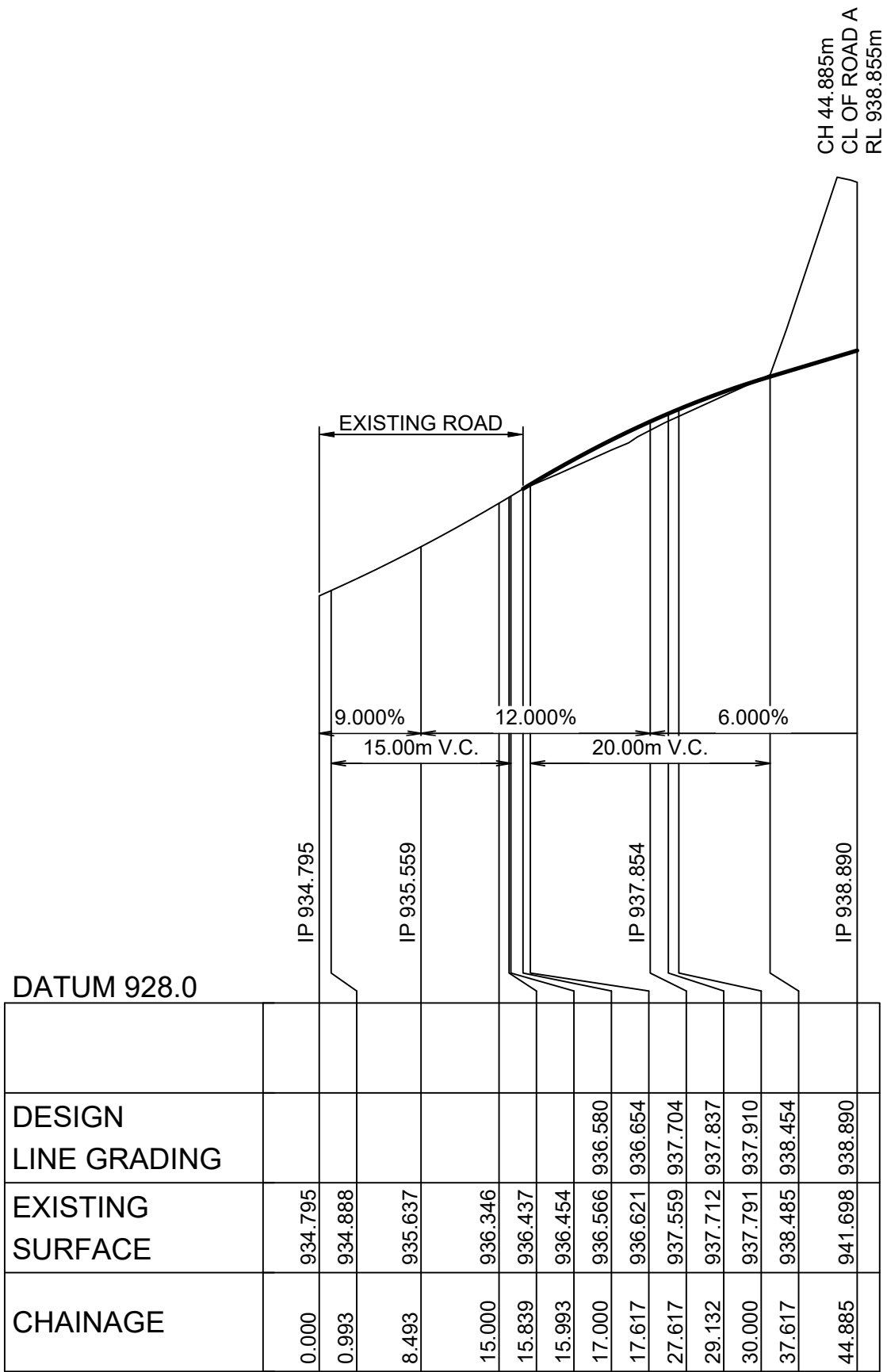
PLAN No: **110698-03-CD101**

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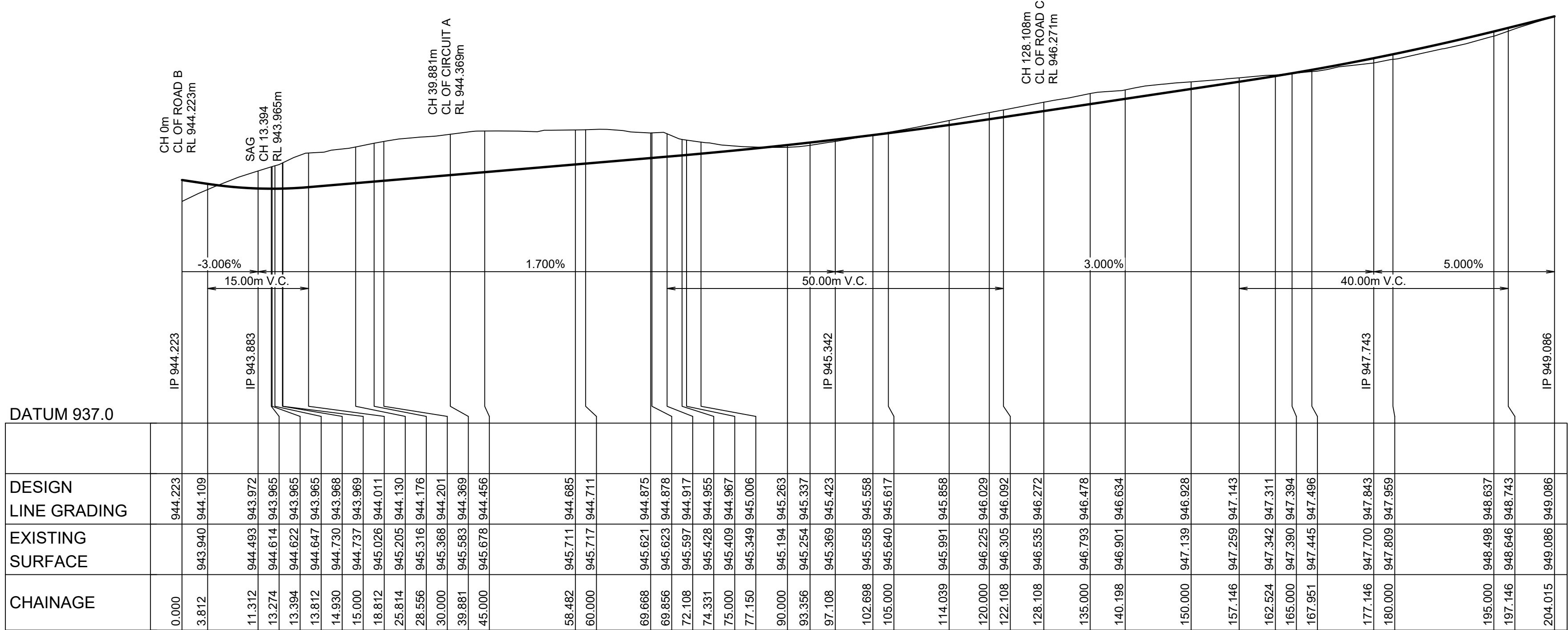
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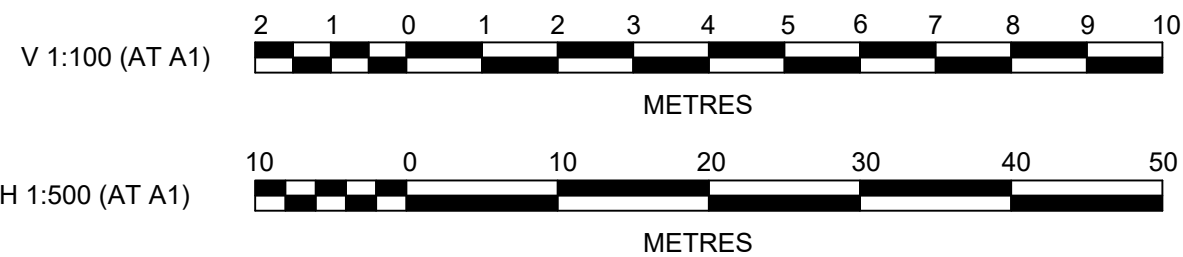
LONGITUDINAL SECTION CIRCUIT A
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100



LONGITUDINAL SECTION COL DREW DRIVE
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100



LONGITUDINAL SECTION ROAD D
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100



C	LONG SECTION ADDED	CC	JM	MS	MS	19/05/23
B	ISSUE FOR DA APPROVAL	CC	JM	KE	MS	08/12/22
A	ISSUE FOR CLIENT REVIEW	CC	JM			
	AMENDMENT	DES	DRN	CKD	APR	DATE

J. WYNDHAM PRINCE
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STATUS:

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**SOUTH BOWENFELS
STAGE 1 & 2
ROAD LONGITUDINAL SECTIONS**

PROJECT No:

110698-03

SHEET No:

CD102

AZIMUTH: M.G.A.2020

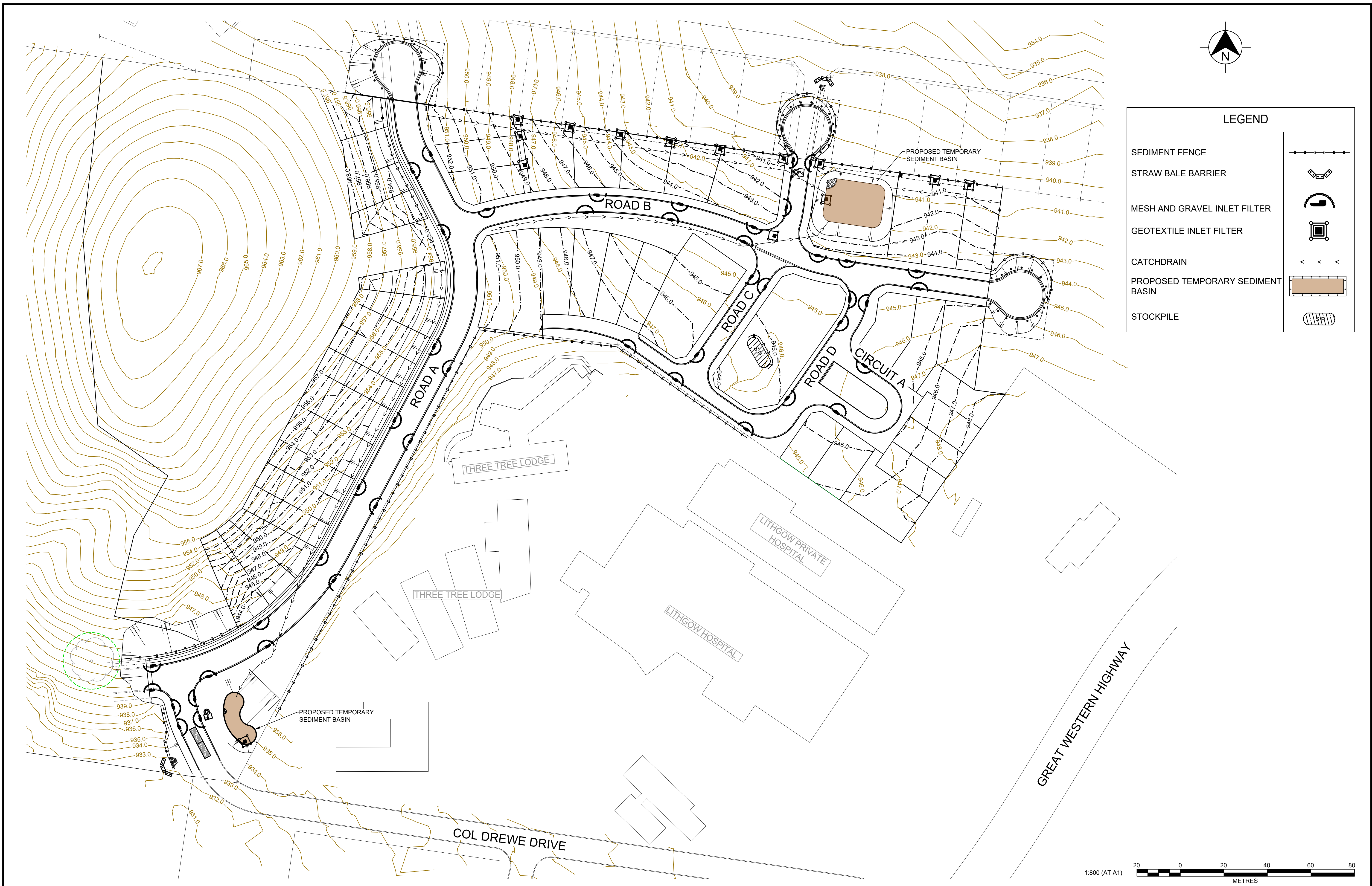
DATUM: A.H.D.

ORIGIN:

PLAN No: 110698-03-CD102

C

Plotted: 17 January, 2024 4:27:05 PM File Name: C:\Synergy\W\State\AS\WP07110698-03 - Development Application_13584\Design\CD110698-03-CD200.dwg



G	TREE PROTECTION ZONE	CC	JM	KE	KE	17/01/24
F	COUNCIL COMMENTS ADDRESSED	CC	JM	KE	KE	16/08/23
E	ROAD A AND BASIN AMENDED	CC	JM	MS	MS	19/05/23
D	OSD & DRAINAGE AMENDED & RAINGARDEN & EASEMENT ADDED	CC	JM	KE	MS	03/03/23
C	LOTS 20 & 25 BOUNDARIES AMENDED	CC	JM	KE	KE	19/01/23
B	ISSUE FOR DA APPROVAL	CC	JM	KE	MS	08/12/22
A	ISSUE FOR CLIENT REVIEW	CC	JM			
	AMENDMENT	DES	DRN	CKD	APR	DATE

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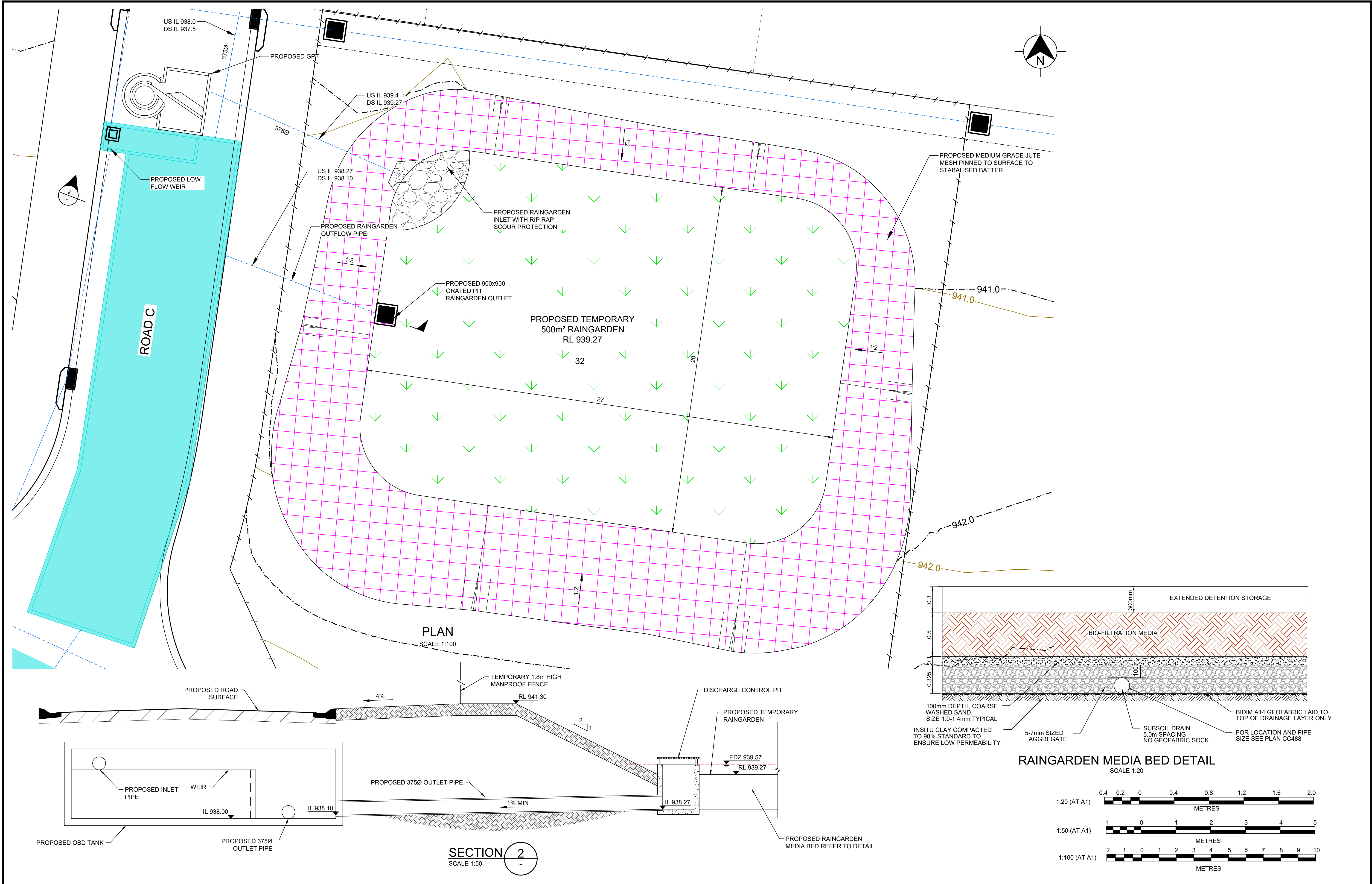
**SOUTH BOWENFELS
STAGE 1 & 2**
SOIL & WATER MANAGEMENT PLAN

AZIMUTH: M.G.A.2020 DATUM: A.H.D. ORIGIN: PLAN No: 110698-03-CD200

PROJECT No:
110698-03

SHEET No:
CD200

G

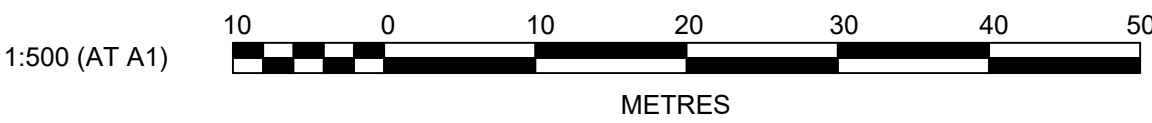
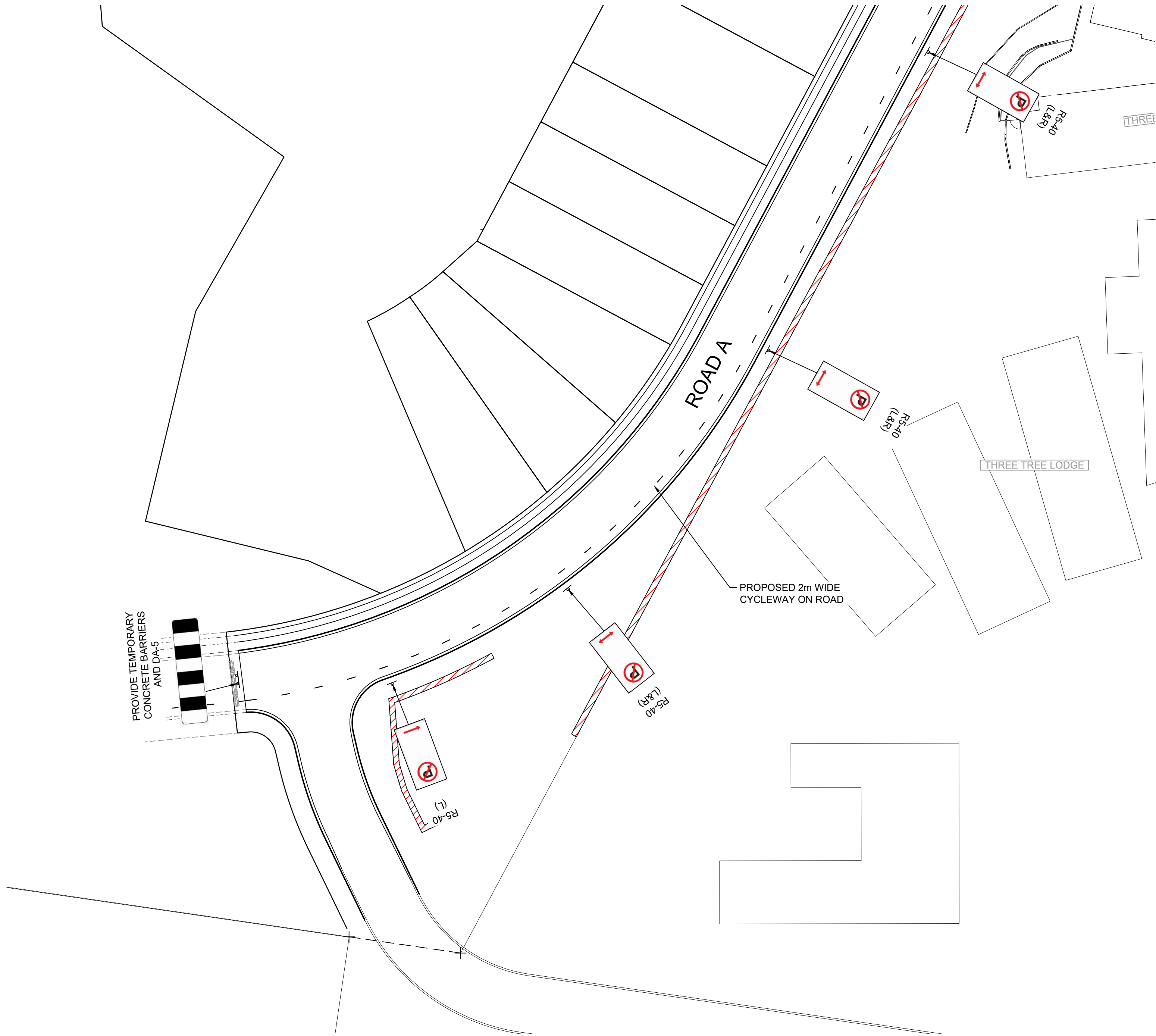
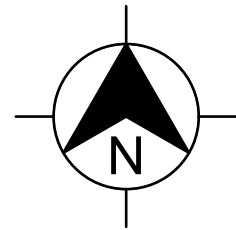


B A					COUNCIL COMMENTS ADDRESSED ISSUE FOR DA APPROVAL					CC CC					JM JM					KE KE					16/08/23 03/03/23				
AMENDMENT										DES					DRN					CKD					APR				

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AZIMUTH: M.G.A.2020		DATUM: A.H.D.		ORIGIN:		PLAN No: 110698-03-CD251		B	

Plotted: 16 August, 2023 8:45:02 AM File Name: C:\Synergy\WS\data\AS\JWP\07110698_03 - Development Application_13584\Design\CD\110698-03-CD300.dwg

REFER DRAWING CD300 FOR CONTINUATION



C	ROAD A AMENDED	CC	JM	MS	MS	19/05/23
B	ISSUE FOR DA APPROVAL	CC	JM	KE	MS	08/12/22
A	ISSUE FOR CLIENT REVIEW	CC	JM			
	AMENDMENT	DES	DRN	CKD	APR	DATE

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**SOUTH BOWENFELS
STAGE 1 & 2**
SIGNAGE & LINEMARKING PLAN
SHEET 2

PROJECT No:

110698-03

SHEET No:

CD301

AZIMUTH: M.G.A.2020

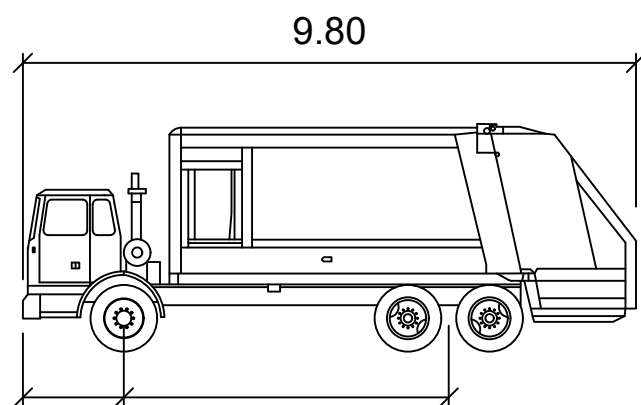
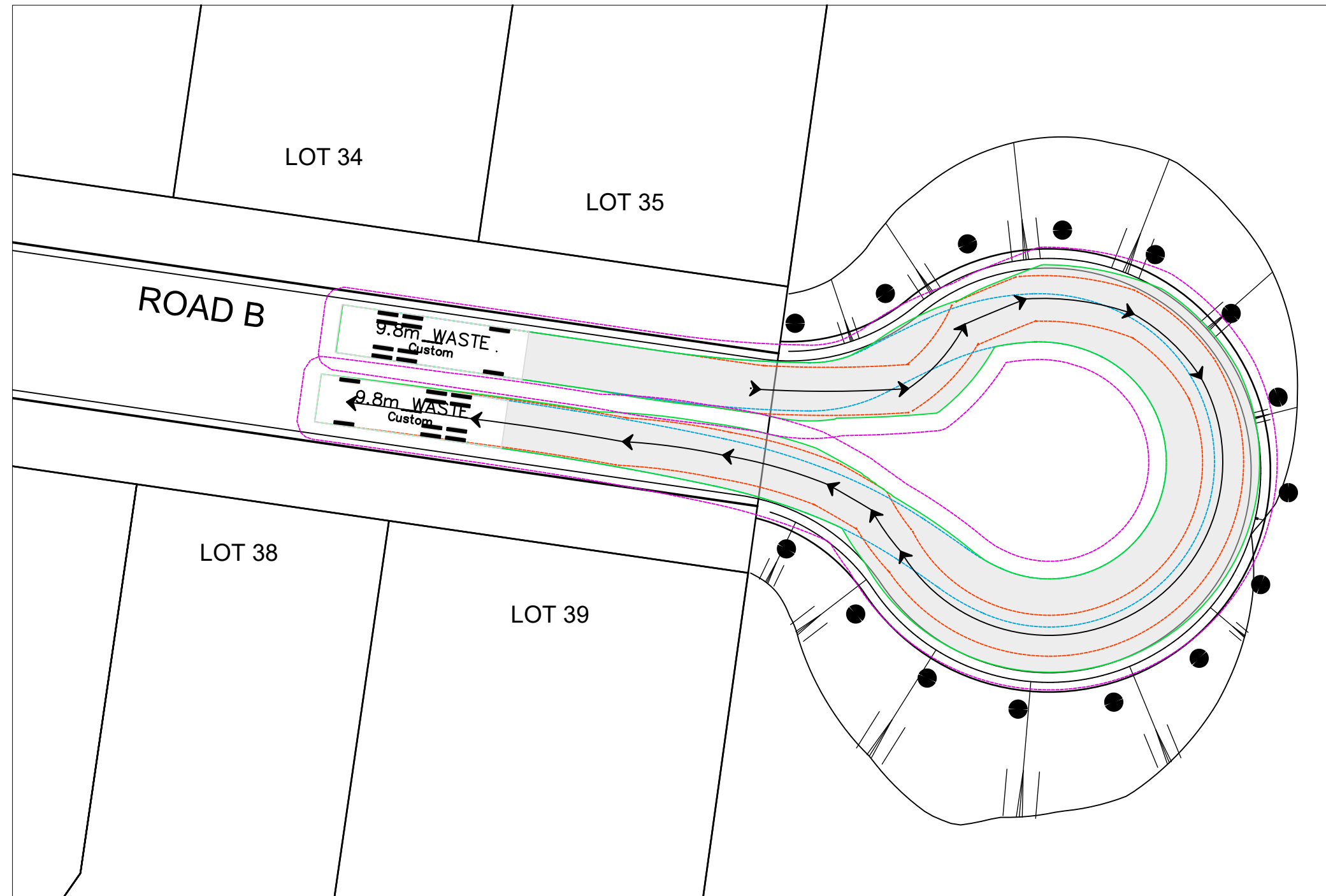
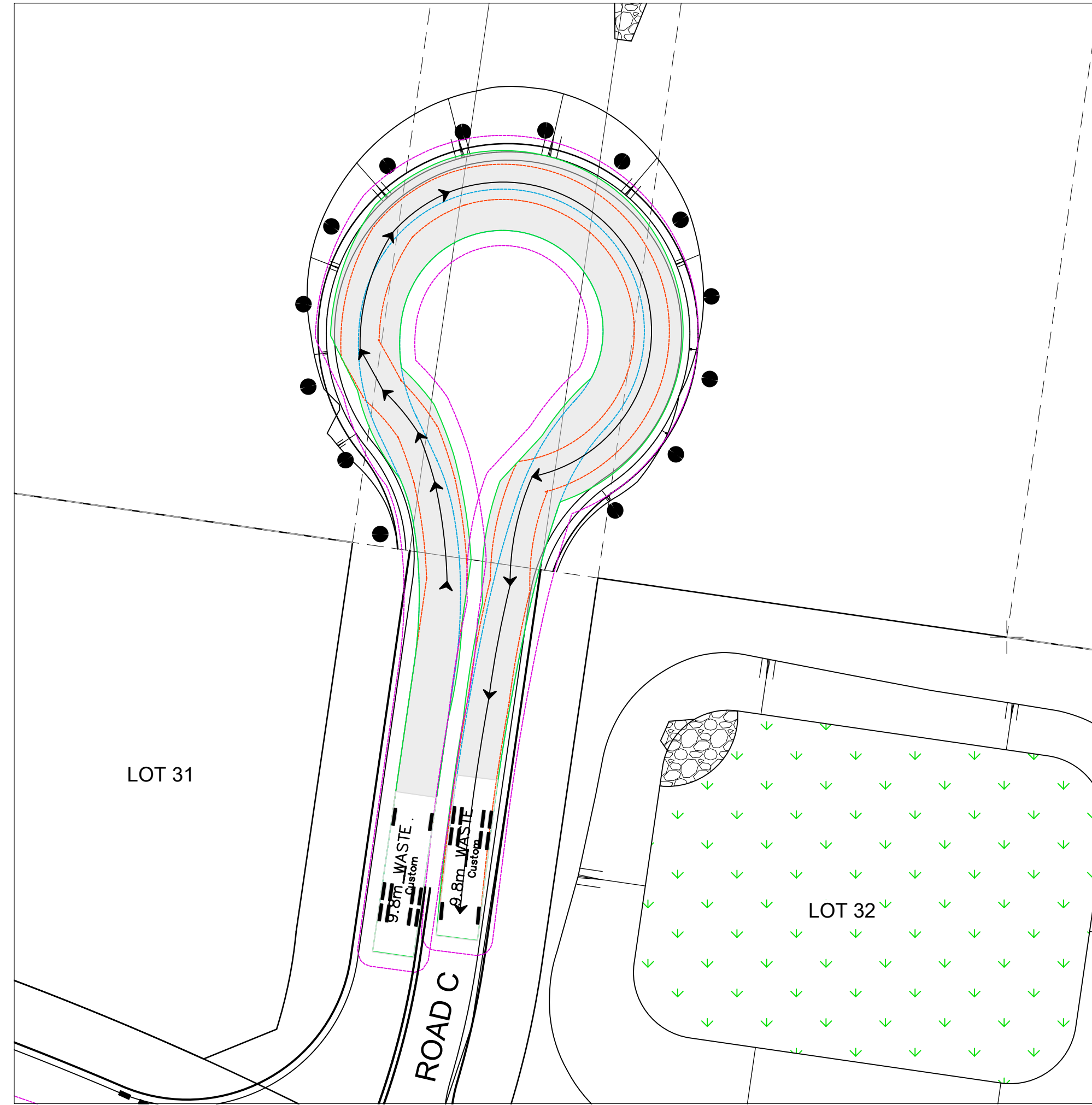
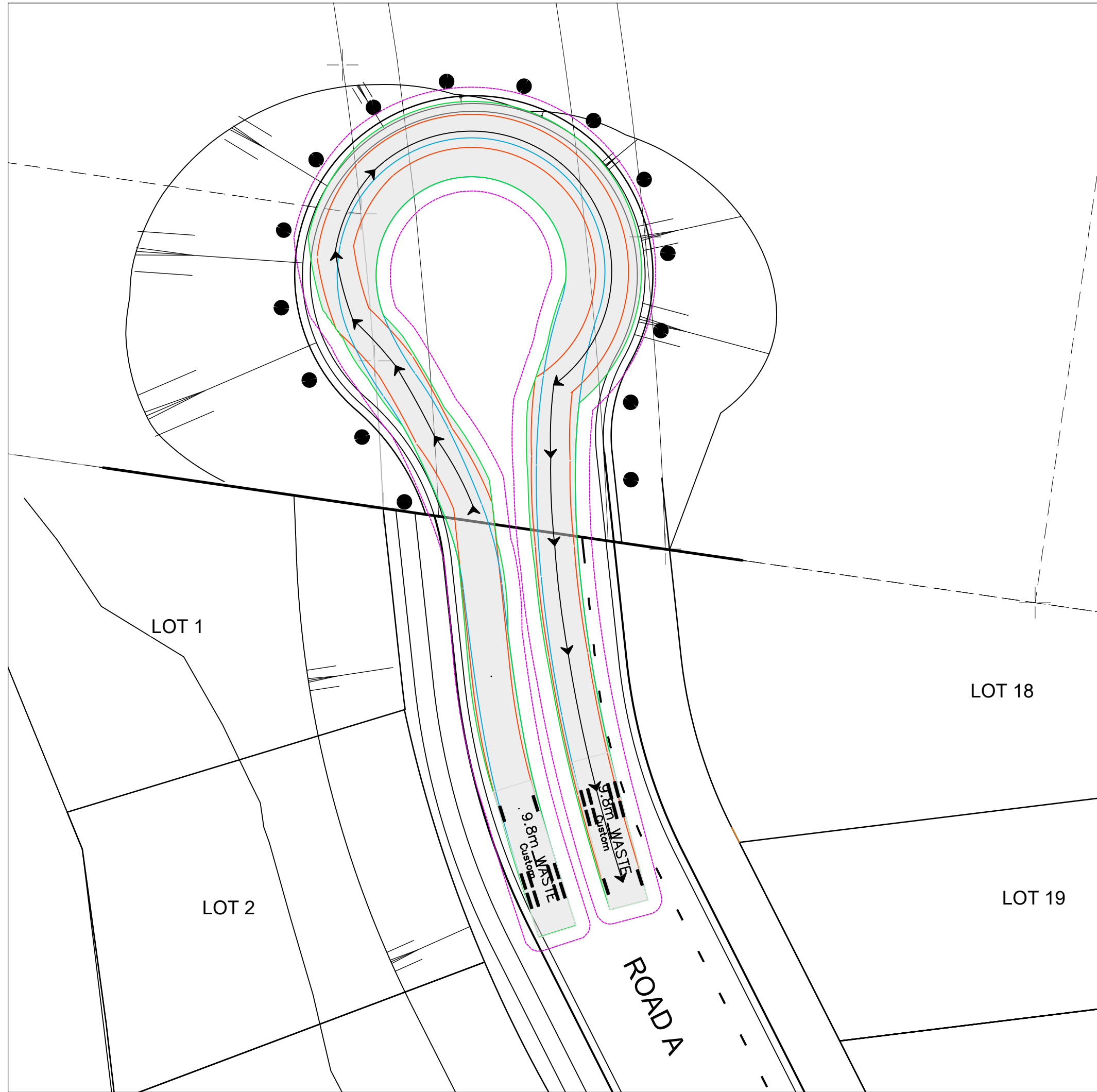
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ORIGIN:

PLAN No: 110698-03-CD301

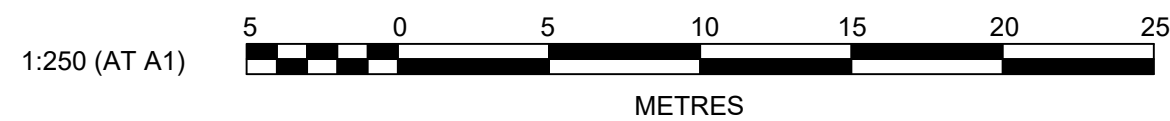
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9.8m WASTE

	Width	Track	Lock to Lock Time	Steering Angle
	2.50	2.50	6.0	35.3



C	EASEMENT & RAINGARDEN ADDED	CC	JM	KE	MS	03/03/23			
B	ISSUE FOR DA APPROVAL	CC	JM	KE	MS	08/12/22			
A	ISSUE FOR CLIENT REVIEW	CC	JM						
	AMENDMENT	DES	DRN	CKD	APR	DATE			

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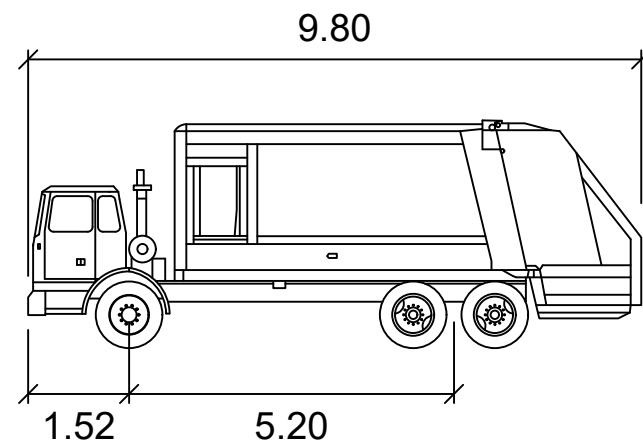
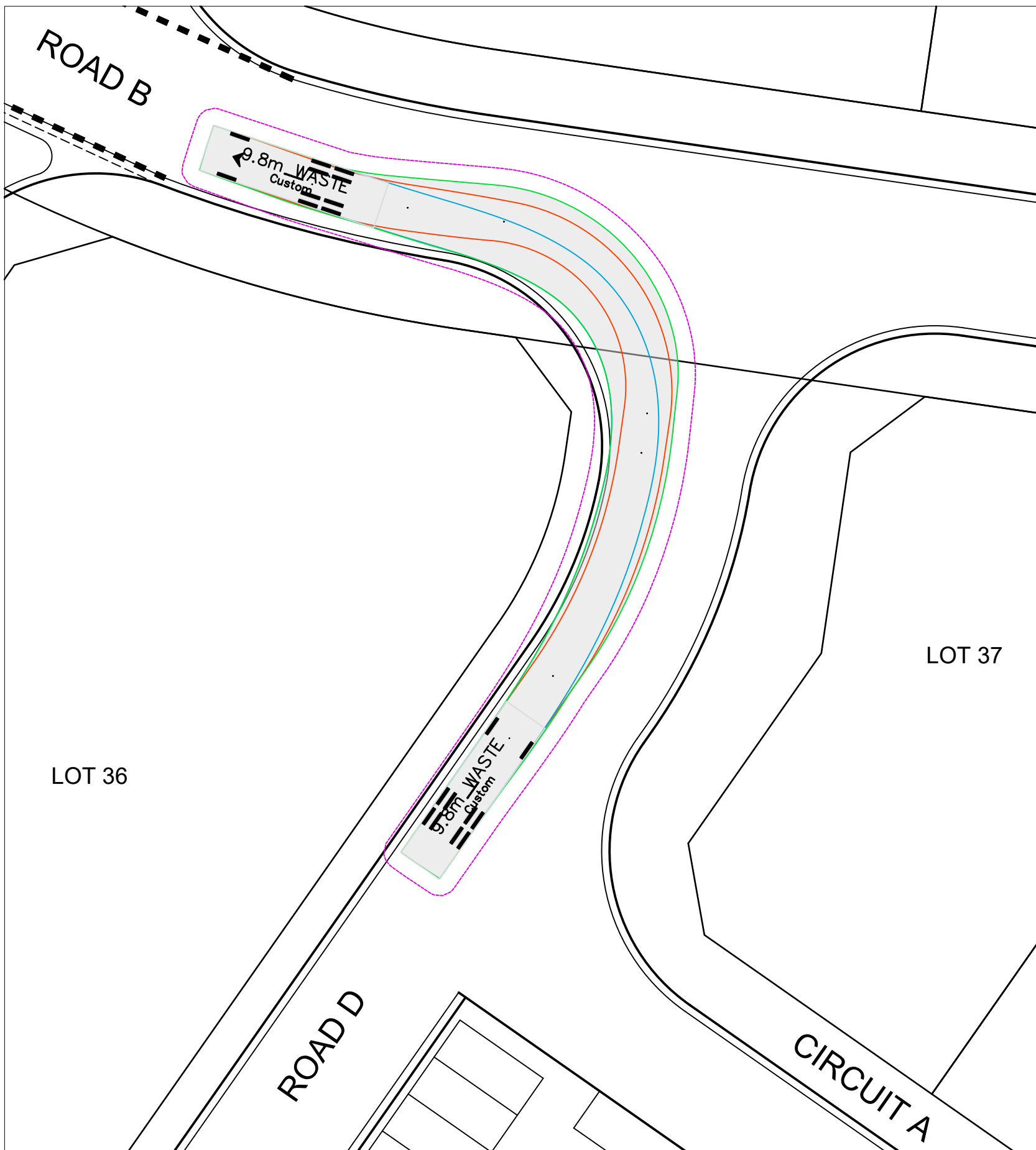
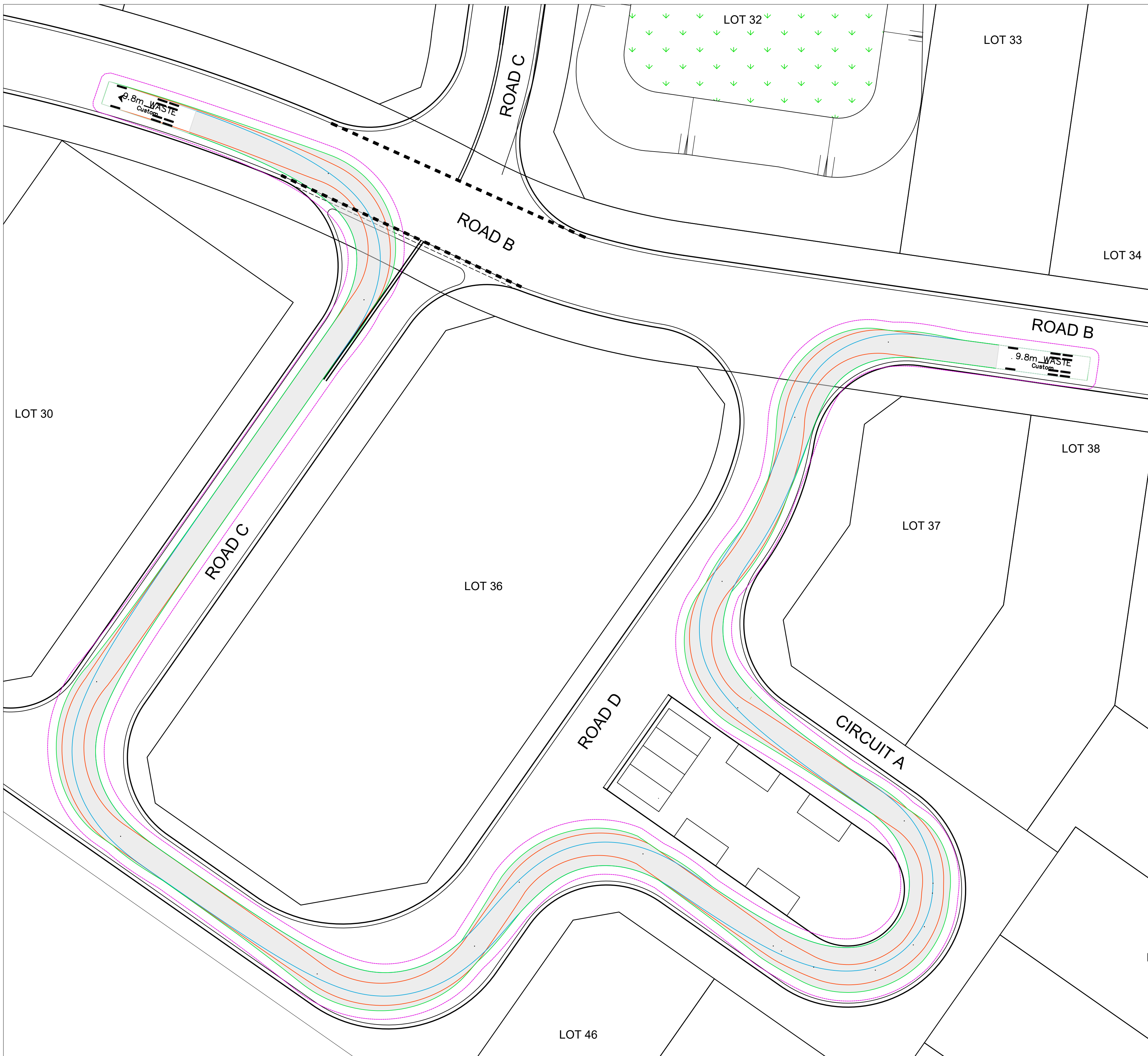
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SOUTH BOWENFELS
STAGE 1 & 2
TURNING PATHS
SHEET 1

PROJECT No: **110698-03**
SHEET No: **CD400**

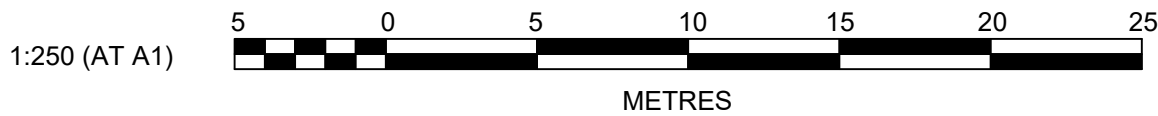
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Plotted: 16 August, 2023 8:45:03 AM File Name: C:\Synergy\WS\data\AS\UNP07110698_03 - Development Application_13584\Design\CD110698-03-CD400.dwg



9.8m WASTE

	metres
Width	: 2.50
Track	: 2.50
Lock to Lock Time	: 6.0
Steering Angle	: 35.3



C	RAINGARDEN ADDED	CC	JM	KE	MS	03/03/23
B	ISSUE FOR DA APPROVAL	CC	JM	KE	MS	08/12/22
A	ISSUE FOR CLIENT REVIEW	CC	JM			
AMENDMENT		DES	DRN	CKD	APR	DATE

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SOUTH BOWENFELS STAGE 1 & 3 TURNING PATHS SHEET 2				PROJECT No: 110698-03	
AZIMUTH: M.G.A.2020 DATUM: A.H.D. ORIGIN: PLAN No: 110698-03-CD401				SHEET No: CD401	
				C	