

DWG NO.	SHEET TITLE	REV
C300	COVER SHEET	7
C301	GENERAL ARRANGEMENT PLAN	7
C302	PLAN SHEET (1 OF 7)	6
C303	PLAN SHEET (2 OF 7)	6
C304	PLAN SHEET (3 OF 7)	6
C305	PLAN SHEET (4 OF 7)	7
C306	PLAN SHEET (5 OF 7)	7
C307	PLAN SHEET (6 OF 7)	7
C308	PLAN SHEET (7 OF 7)	7
C309	ROAD TR2 LONG SECTION (1 OF 5)	7
C310	ROAD TR2 LONG SECTION (2 OF 5)	5
C311	ROAD TR2 LONG SECTION (3 OF 5)	5
C312	ROAD TR2 LONG SECTION (4 OF 5)	5
C313	ROAD TR2 LONG SECTION (5 OF 5)	5
C314	ROAD TR2 CROSS SECTIONS (1 OF 15)	5
C315	ROAD TR2 CROSS SECTIONS (2 OF 15)	5
C316	ROAD TR2 CROSS SECTIONS (3 OF 15)	5
C317	ROAD TR2 CROSS SECTIONS (4 OF 15)	5
C318	ROAD TR2 CROSS SECTIONS (5 OF 15)	5
C319	ROAD TR2 CROSS SECTIONS (6 OF 15)	5
C320	ROAD TR2 CROSS SECTIONS (7 OF 15)	5
C321	ROAD TR2 CROSS SECTIONS (8 OF 15)	5
C322	ROAD TR2 CROSS SECTIONS (9 OF 15)	5
C323	ROAD TR2 CROSS SECTIONS (10 OF 15)	5
C324	ROAD TR2 CROSS SECTIONS (11 OF 15)	5
C325	ROAD TR2 CROSS SECTIONS (12 OF 15)	5
C326	ROAD TR2 CROSS SECTIONS (13 OF 15)	5
C327	ROAD TR2 CROSS SECTIONS (14 OF 15)	5
C328	ROAD TR2 CROSS SECTIONS (15 OF 15)	5
C329	ROAD STR2/4 (ROAD 1) LONG SECTION (1 OF 2)	5
C330	ROAD STR2/4 (ROAD 1) LONG SECTION (2 OF 2)	5
C331	ROAD STR2/4 (ROAD 1) CROSS SECTIONS (1 OF 4)	5
C332	ROAD STR2/4 (ROAD 1) CROSS SECTIONS (2 OF 4)	5
C333	ROAD STR2/4 (ROAD 1) CROSS SECTIONS (3 OF 4)	5
C334	ROAD STR2/4 (ROAD 1) CROSS SECTIONS (4 OF 4)	5
C335	ROAD STR5 (ROAD 2) LONG SECTION (1 OF 2)	5
C336	ROAD STR5 (ROAD 2) LONG SECTION (2 OF 2)	5
C337	ROAD STR5 (ROAD 1) CROSS SECTIONS (1 OF 7)	5
C338	ROAD STR5 (ROAD 2) CROSS SECTIONS (2 OF 7)	5
C339	ROAD STR5 (ROAD 2) CROSS SECTIONS (3 OF 7)	5
C340	ROAD STR5 (ROAD 2) CROSS SECTIONS (4 OF 7)	5
C341	ROAD STR5 (ROAD 2) CROSS SECTIONS (5 OF 7)	5
C342	ROAD STR5 (ROAD 2) CROSS SECTIONS (6 OF 7)	5
C343	ROAD STR5 (ROAD 2) CROSS SECTIONS (7 OF 7)	5
C344	GREEN STREET (ROAD 3) LONG SECTION	5
C345	GREEN STREET (ROAD 3) CROSS SECTIONS (1 OF 3)	5
C346	GREEN STREET (ROAD 3) CROSS SECTIONS (2 OF 3)	5
C347	GREEN STREET (ROAD 3) CROSS SECTIONS (3 OF 3)	5
C348	ROAD 4 LONG SECTION	5
C349	ROAD 4 CROSS SECTIONS	5
C350	ROAD 5 LONG SECTION (1 OF 3)	5
C351	ROAD 5 LONG SECTION (2 OF 3)	5
C352	ROAD 5 LONG SECTION (3 OF 3)	5
C353	ROAD 5 CROSS SECTIONS (1 OF 8)	5
C354	ROAD 5 CROSS SECTIONS (2 OF 8)	5
C355	ROAD 5 CROSS SECTIONS (3 OF 8)	5
C356	ROAD 5 CROSS SECTIONS (4 OF 8)	5
C357	ROAD 5 CROSS SECTIONS (5 OF 8)	5
C358	ROAD 5 CROSS SECTIONS (6 OF 8)	5
C359	ROAD 5 CROSS SECTIONS (7 OF 8)	5
C360	ROAD 5 CROSS SECTIONS (8 OF 8)	5
C361	ROAD 6 LONG SECTION	5
C362	ROAD 6 CROSS SECTIONS (1 OF 3)	5
C363	ROAD 6 CROSS SECTIONS (2 OF 3)	5
C364	ROAD 6 CROSS SECTIONS (3 OF 3)	5
C365	ROAD 7 LONG SECTION	5
C366	ROAD 7 CROSS SECTIONS (1 OF 4)	5
C367	ROAD 7 CROSS SECTIONS (2 OF 4)	5
C368	ROAD 7 CROSS SECTIONS (3 OF 4)	5
C369	ROAD 7 CROSS SECTIONS (4 OF 4)	5
C370	ROAD 8 LONG SECTION	5
C371	ROAD 8 CROSS SECTIONS	5
C372	ROAD 9 LONG SECTION	5
C373	ROAD 9 CROSS SECTIONS	5
C374	ROAD 10 LONG SECTION	5

DWG NO.	SHEET TITLE	REV
C375	ROAD 10 CROSS SECTIONS (1 OF 3)	5
C376	ROAD 10 CROSS SECTIONS (2 OF 3)	5
C377	ROAD 10 CROSS SECTIONS (3 OF 3)	5
C378	ROAD 11 LONG SECTION	5
C379	ROAD 11 CROSS SECTIONS	5
C380	ROAD 12 LONG SECTION	5
C381	ROAD 12 CROSS SECTIONS	5
C381A	ACCESSWAY LONGITUDINAL AND CROSS SECTIONS	5
C382	TYPICAL SECTIONS, DETAILS AND NOTES (1 OF 2)	7
C383	TYPICAL SECTIONS, DETAILS AND NOTES (2 OF 2)	6
C384	CUT FILL SHADE PLOT (1 OF 2)	5
C385	CUT FILL SHADE PLOT (2 OF 2)	5
C386	BASIN 1 PLAN SHEET	5
C387	TYPICAL RETAINING WALL DETAILS	5
C388	BASIN SECTIONS	5
C389	REGRADE PLAN (1 OF 4)	5
C390	REGRADE PLAN (2 OF 4)	5
C391	REGRADE PLAN (3 OF 4)	5
C392	REGRADE PLAN (4 OF 4)	5
C393	SOIL AND WATER MANAGEMENT PLAN (1 OF 8)	5
C394	SOIL AND WATER MANAGEMENT PLAN (2 OF 8)	5
C395	SOIL AND WATER MANAGEMENT PLAN (3 OF 8)	5
C396	SOIL AND WATER MANAGEMENT PLAN (4 OF 8)	5
C397	SOIL AND WATER MANAGEMENT PLAN (5 OF 8)	5
C398	SOIL AND WATER MANAGEMENT PLAN (6 OF 8)	5
C399	SOIL AND WATER MANAGEMENT PLAN (7 OF 8)	5
C399A	SOIL AND WATER MANAGEMENT PLAN (8 OF 8)	5
C400	TEMPORARY SECONDARY ACCESS PLAN	5


ANAMBAH URBAN RELEASE AREA

381 ANAMBAH ROAD, ANAMBAH
DEVELOPMENT APPLICATION 1

CLIENT: DB20 PTY LTD

MAITLAND CITY COUNCIL

MAY 2025

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7	CLIENT COMMENTS	A.M	I.H	29.05.25					AM							
6	GEOTECH AMENDMENTS	A.M	I.H	26.05.25					Cad Reference 22311C dC300 r7							
5	GENERAL AMENDMENTS	A.M	I.H	19.05.25					Project Approval IAN HILL (B.E) Consulting Civil Engineer							
4	GENERAL AMENDMENTS	A.M	I.H	28.04.25												
2	CLIENT COMMENTS	JE	I.H	03.02.25												
1	ORIGINAL ISSUE	JE	I.H	23.01.25												
REVISION	Description	Drawn	App'd	Date												A1 SHEET

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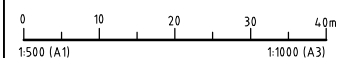


PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

7	CLIENT COMMENTS		A.M	I.H 30.05.25
5	GENERAL AMENDMENTS		A.M	I.H 19.05.25
4	GENERAL AMENDMENTS		A.M	I.H 28.04.25
2	CLIENT COMMENTS		J.E	I.H 03.02.25
1	ORIGINAL ISSUE		J.E	I.H 23.01.25
REVISION	Description	Drawn	App'd	Date



Scale



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Designed AM	Scale 1:2000
Cad Reference 22311C dC301 r7	
Project Approval IAN HILL (B.E) Consulting Civil Engineer	

Client	
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DB20 PTY LTD



ANAMBAH URBAN RELEASE AREA
ANAMBAH ROAD
ANAMBAH - DA1
GENERAL ARRANGEMENT PLAN

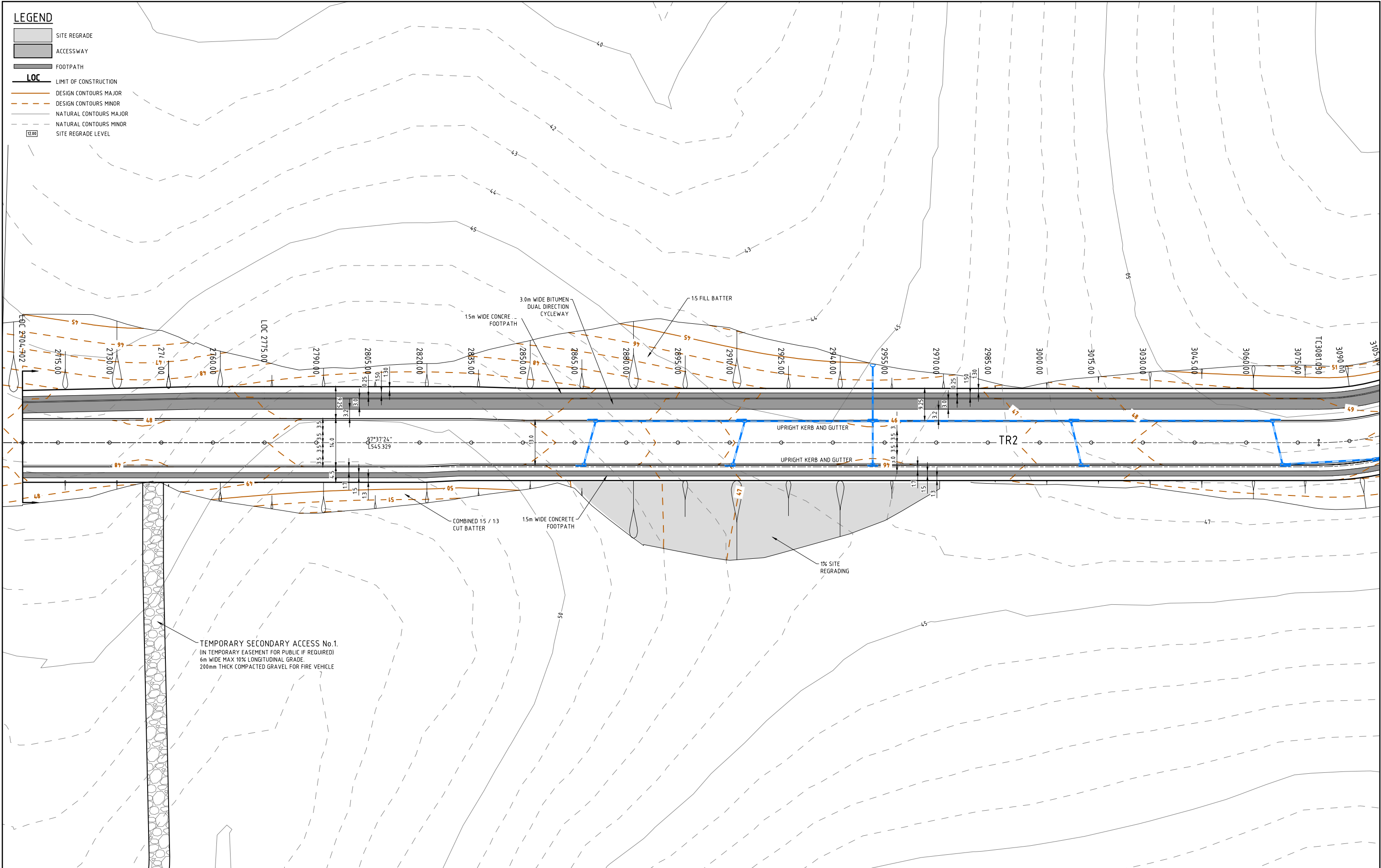
Project No




22311C

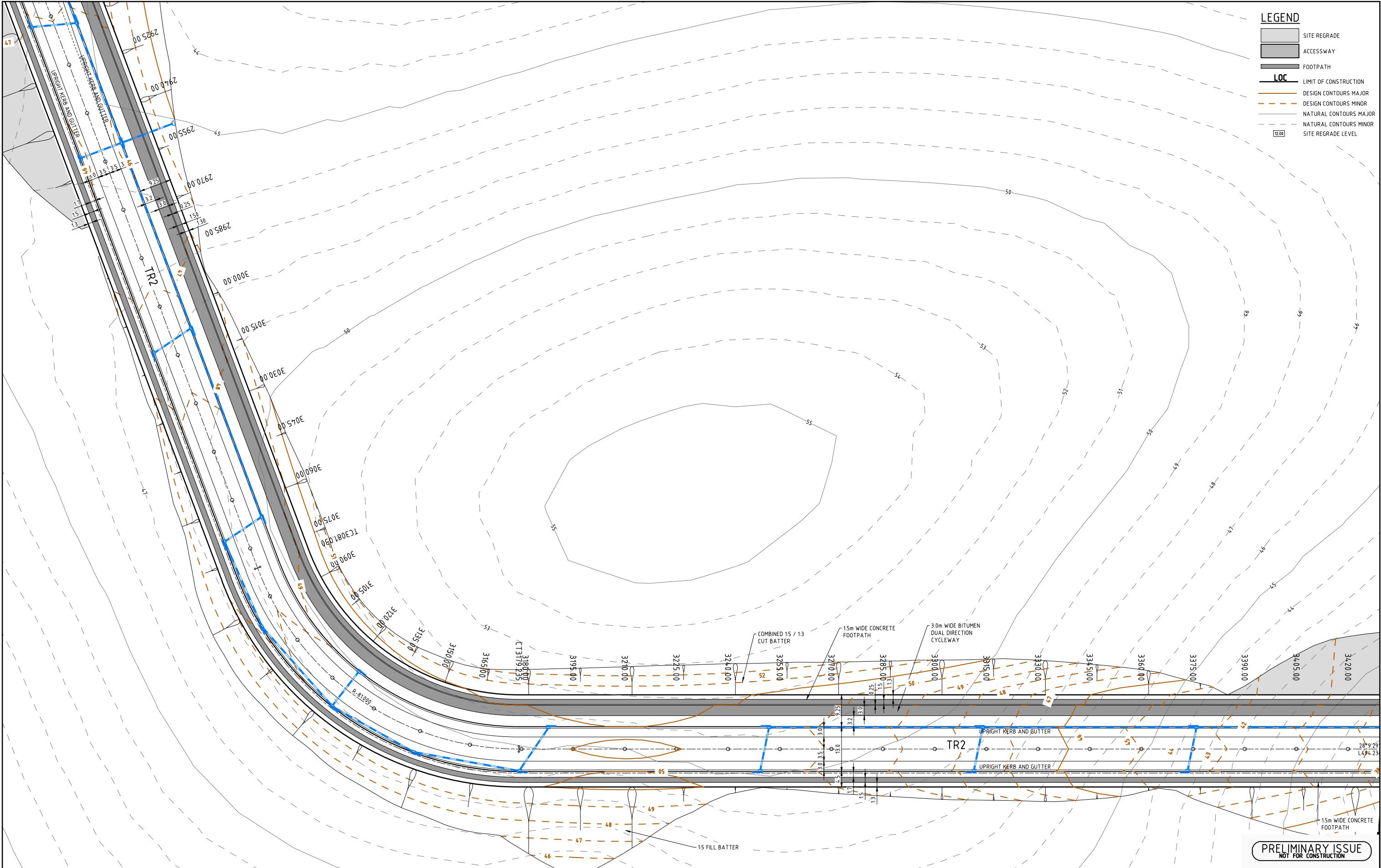
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C301	7
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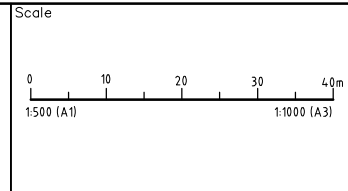
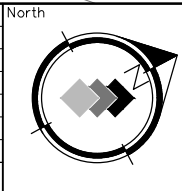
A1 SHEET



				North		Scale		COPYRIGHT		Designed AM		Scale 1:100		Client		 A.B.N. 92 086 017 745 1 HARTLEY DRIVE, THORNTON NSW 2322 PO BOX 3337, THORNTON NSW 2322 PHONE: (02) 4964 1811		ANAMBAH URBAN RELEASE AREA ANAMBAH ROAD ANAMBAH – DA1 PLAN SHEET (1 OF 7)		Project No 22311C	
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REVISION				Description				Drawn		App'd		Date								A1 SHEET	
6				GEOTECH AMENDMENTS				AM		I.H.		26.05.25									
5				GENERAL AMENDMENTS				AM		I.H.		19.05.25									
4				GENERAL AMENDMENTS				AM		I.H.		28.04.25									
2				CLIENT COMMENTS				JE		I.H.		03.02.25									
1				ORIGINAL ISSUE				JE		I.H.		23.01.25									



REVISION	Description	Drawn	App'd	Date
6	GEOTECH AMENDMENTS	AM	I.H	26.05.25
5	GENERAL AMENDMENTS	AM	I.H	19.05.25
4	GENERAL AMENDMENTS	AM	I.H	28.04.25
2	CLIENT COMMENTS	JE	I.H	03.02.25
1	ORIGINAL ISSUE	JE	I.H	23.01.25



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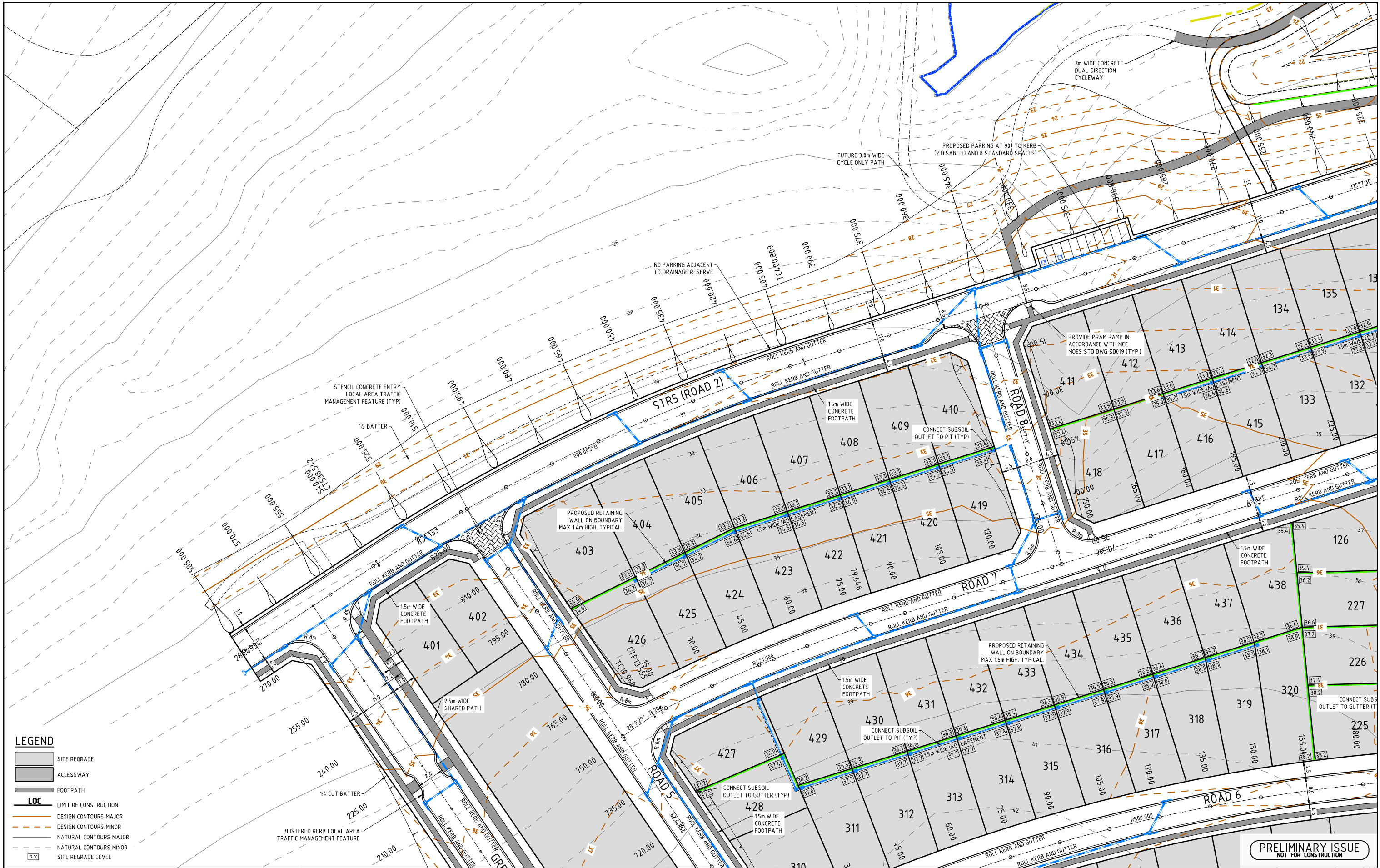
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AM
Cad Reference
22311C dC303 r6
Project Approval
IAN HILL (B.E)
Consulting Civil Engineer

Client
DB20 PTY LTD

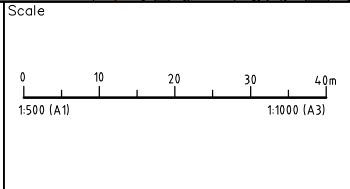
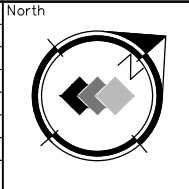
GCA
ENGINEERING SOLUTIONS
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1 HARTLEY DRIVE, THORNTON NSW 2322
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PHONE: (02) 4964 1811

ANAMBAH URBAN RELEASE AREA
ANAMBAH ROAD
ANAMBAH - DA1
PLAN SHEET (2 OF 7)

Project No
22311C
Drawing No
C303
Revision
6
A1 SHEET



REVISION	Description	Drawn	App'd	Date
7	CLIENT COMMENTS	AM	I.H.	29.05.25
6	GEOTECH AMENDMENTS	AM	I.H.	26.05.25
5	GENERAL AMENDMENTS	AM	I.H.	19.05.25
4	GENERAL AMENDMENTS	AM	I.H.	28.04.25
2	CLIENT COMMENTS	JE	I.H.	03.02.25
1	ORIGINAL ISSUE	JE	I.H.	23.01.25



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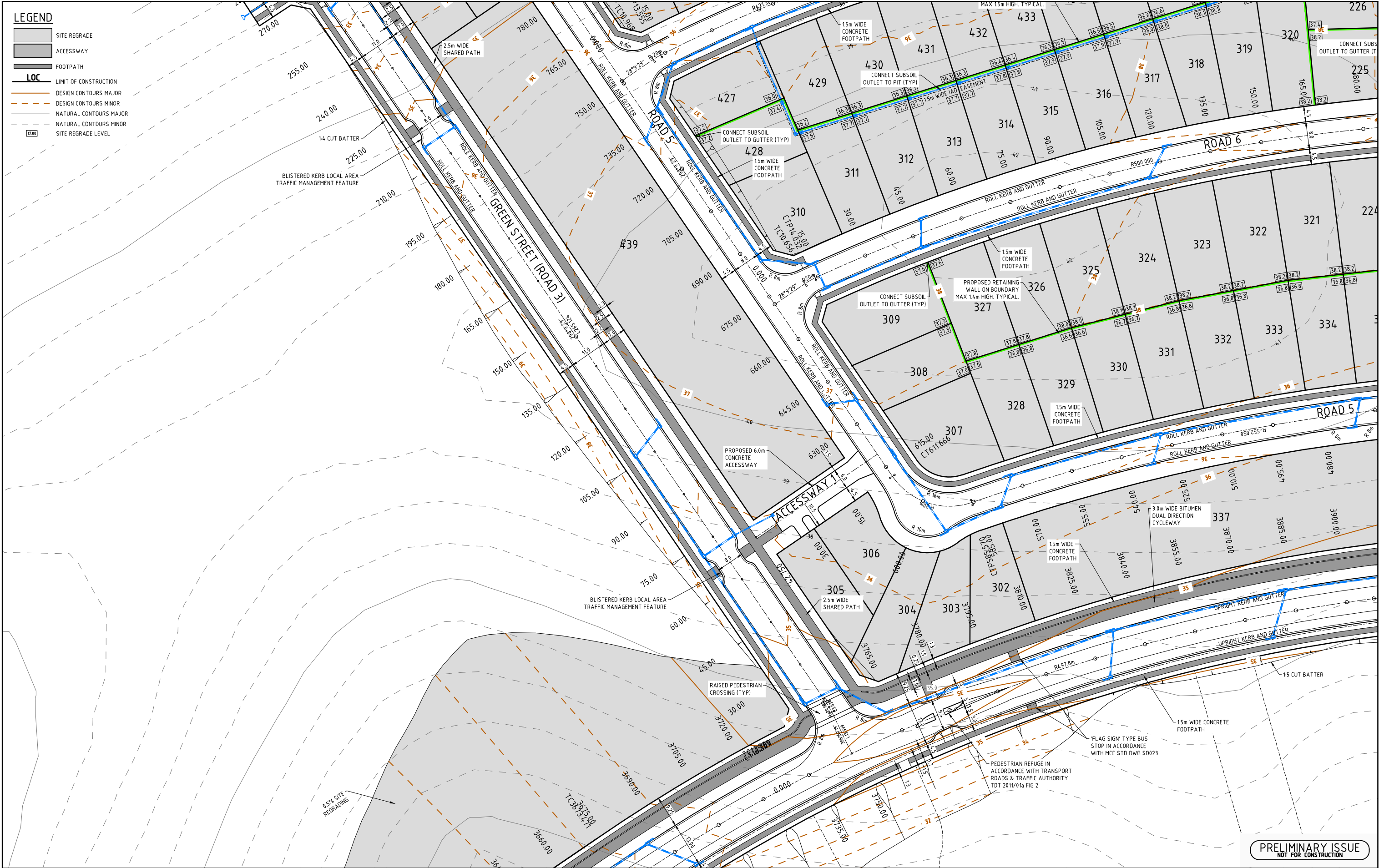
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AM
Cad Reference
22311C dC305 r7
Project Approval
IAN HILL (B.E)
Consulting Civil Engineer


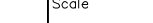


Client
DB20 PTY LTD

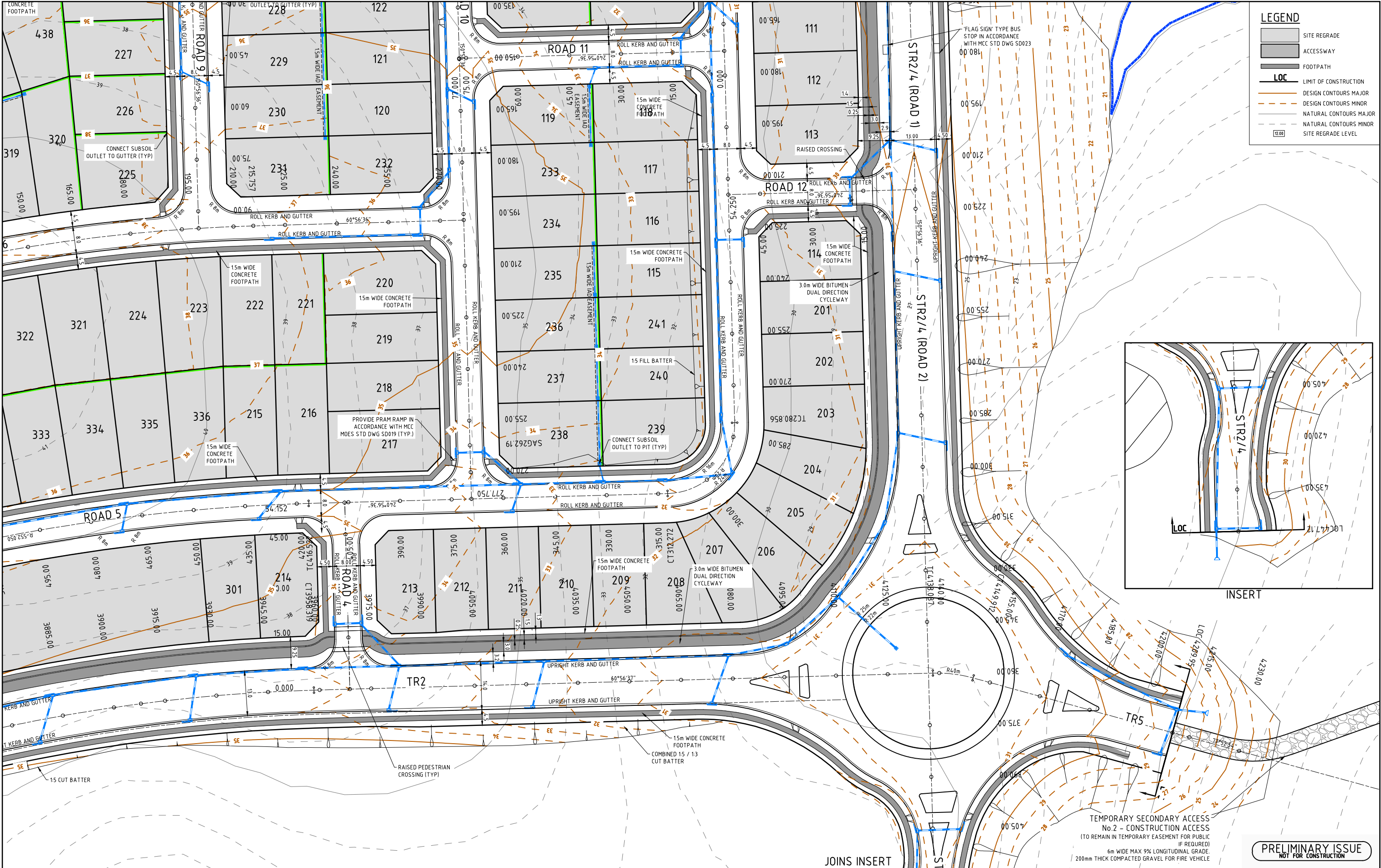
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ENGINEERING SOLUTIONS
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1 HARTLEY DRIVE, THORNTON NSW 2322
PO BOX 3337, THORNTON NSW 2322
PHONE: (02) 4964 1811

ANAMBAH URBAN RELEASE AREA
ANAMBAH ROAD
ANAMBAH - DA1
PLAN SHEET (4 OF 7)

Project No	22311C
Drawing No	C305
Revision	7
A1 SHEET	

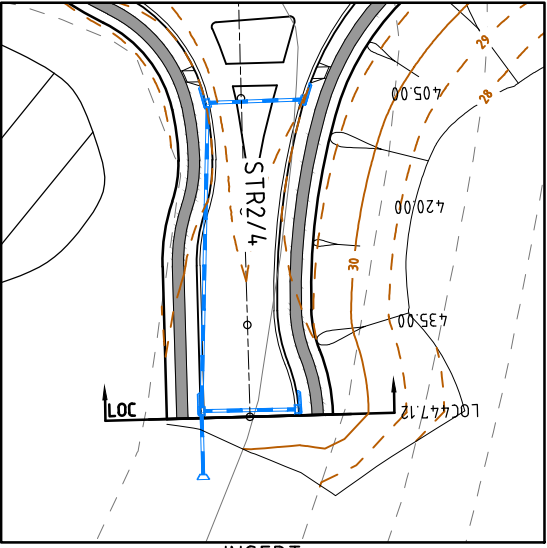


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7 CLIENT COMMENTS				A.M I.H 29.05.25				Copyright in the drawings, information and data recorded hereon is the property of Geoff Craig & Associates Pty Ltd and may not be used, copied or reproduced in whole or part for any purpose other than that for which it is supplied without the prior consent of Geoff Craig & Associates Pty Ltd.		AM		1:100		DB20 PTY LTD				ANAMBAH ROAD		22311C							
6 GEOTECH AMENDMENTS				A.M I.H 26.05.25						Cad Reference																	
5 GENERAL AMENDMENTS				A.M I.H 19.05.25						22311C dC306 r7																	
4 GENERAL AMENDMENTS				A.M I.H 28.04.25						Project Approval																	
2 CLIENT COMMENTS				J.E I.H 03.02.25						IAN HILL (B.E)																	
1 ORIGINAL ISSUE				J.E I.H 23.01.25						Consulting Civil Engineer						ANAMBAH - DA1		Drawing No									
REVISION				Description														Drawn		App'd		Date		C306		7	
																		PLAN SHEET (5 OF 7)		A1 SHEET							



LEGEND

- SITE REGRADE
- ACCESSWAY
- FOOTPATH
- LOC
- LIMIT OF CONSTRUCTION
- DESIGN CONTOURS MAJOR
- DESIGN CONTOURS MINOR
- NATURAL CONTOURS MAJOR
- NATURAL CONTOURS MINOR
- SITE REGRADE LEVEL

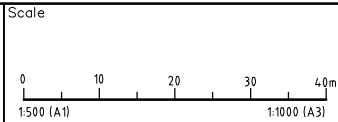
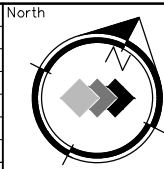


INSERT

TEMPORARY SECONDARY ACCESS
No.2 - CONSTRUCTION ACCESS
(TO REMAIN IN TEMPORARY EASEMENT FOR PUBLIC IF REQUIRED)
6m WIDE MAX 9% LONGITUDINAL GRADE.
200mm THICK COMPACTED GRAVEL FOR FIRE VEHICLE

PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

REVISION	Description	Drawn	App'd	Date
7	CLIENT COMMENTS	AM	I.H	29.05.25
6	GEOTECH AMENDMENTS	AM	I.H	26.05.25
5	GENERAL AMENDMENTS	AM	I.H	19.05.25
4	GENERAL AMENDMENTS	AM	I.H	28.04.25
2	CLIENT COMMENTS	JE	I.H	03.02.25
1	ORIGINAL ISSUE	JE	I.H	23.01.25



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Designed
AM
Cad Reference
22311C dC308 r7
Project Approval
IAN HILL (B.E)
Consulting Civil Engineer

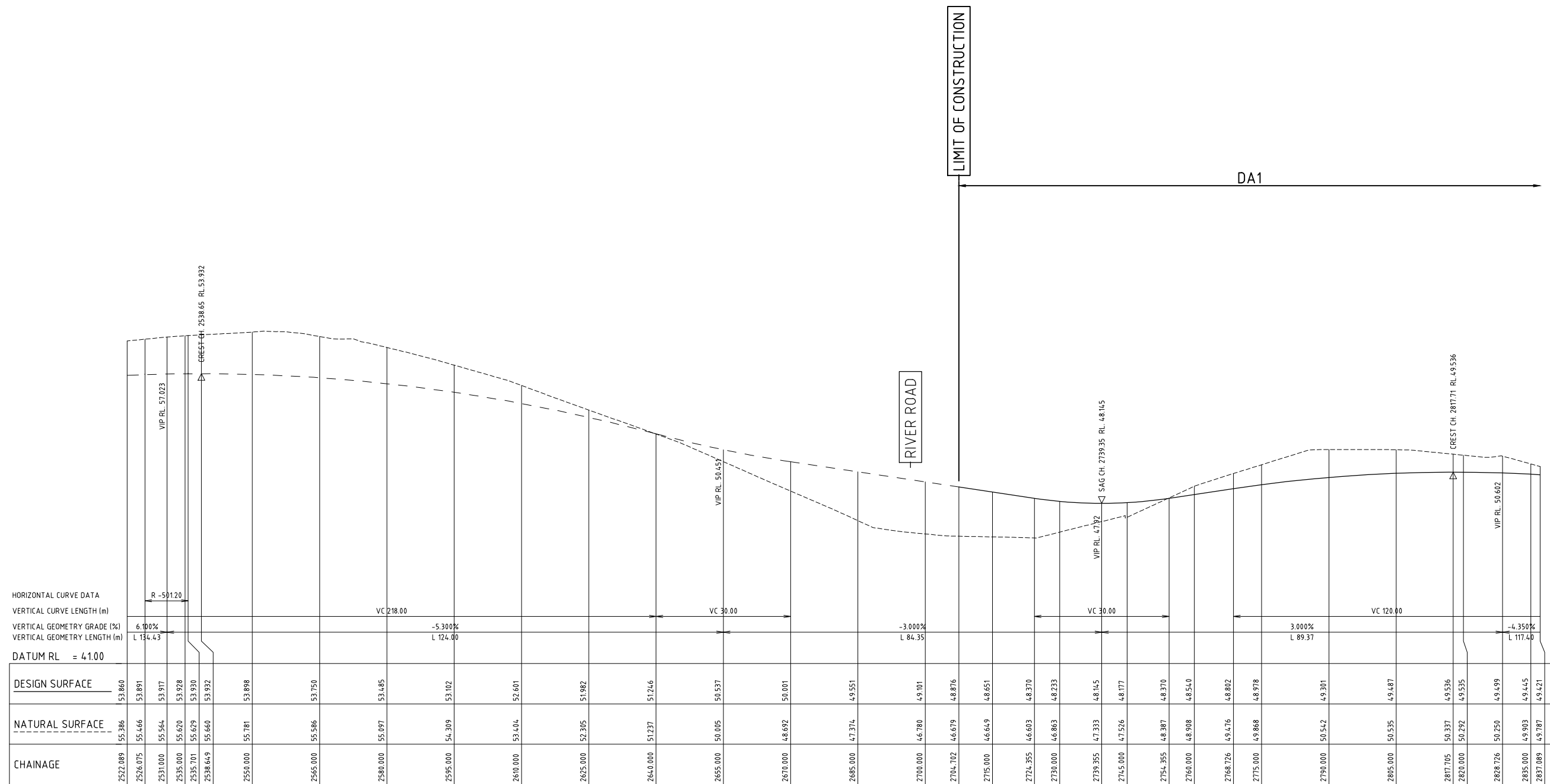
Client
DB20 PTY LTD

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PO BOX 3337, THORNTON NSW 2322
PHONE: (02) 4964 1811

ANAMBAH URBAN RELEASE AREA
ANAMBAH ROAD
ANAMBAH - DA1
PLAN SHEET (7 OF 7)


Project No	22311C
Drawing No	C308
Revision	7
A1 SHEET	

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POSTED SPEED: 60km/hr



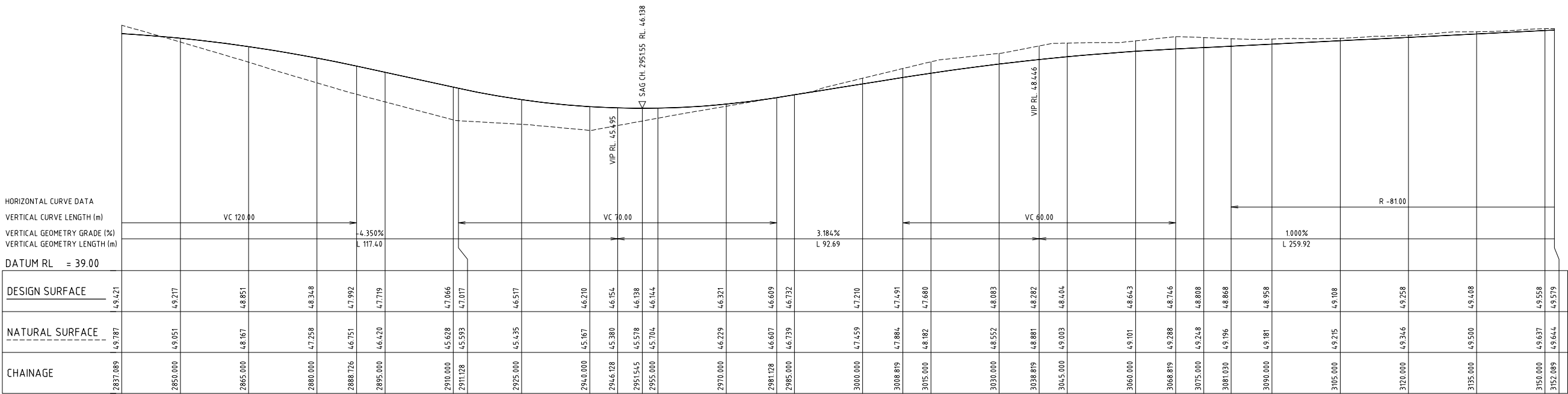
A1 SCALE: HORIZONTAL 1:500, VERTICAL 1:100
LONGITUDINAL SECTION - TR2

PRELIMINARY ISSUE
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7	CLIENT COMMENTS	AM	1.H	30.05.25	 0 2 4 6 8m 1:100 (A1) 1:200 (A3)		Cad Reference 22311C dC309 r7	Drawing No C309			Revision 7		
5	GENERAL AMENDMENTS	AM	1.H	19.05.25	 0 10 20 30 40m 1:500 (A1) 1:1000 (A3)		Project Approval IAN HILL (B.E) Consulting Civil Engineer				A1 SHEET		
4	GENERAL AMENDMENTS	AM	1.H	28.04.25									
2	CLIENT COMMENTS	JE	1.H	03.02.25									
1	ORIGINAL ISSUE	JE	1.H	23.01.25									
REVISION	Description	Drawn	App'd	Date									




PLOT DATE: 30/05/2025 1:40:53 PM CAD FILE: Q:\22\22311 Anambah Urban Release Area DA\02 CAD\AutoCAD\Civil\300 Series - DA1 Concept Design\22311\c d\309 r7.dwg

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POSTED SPEED: 60km/hr

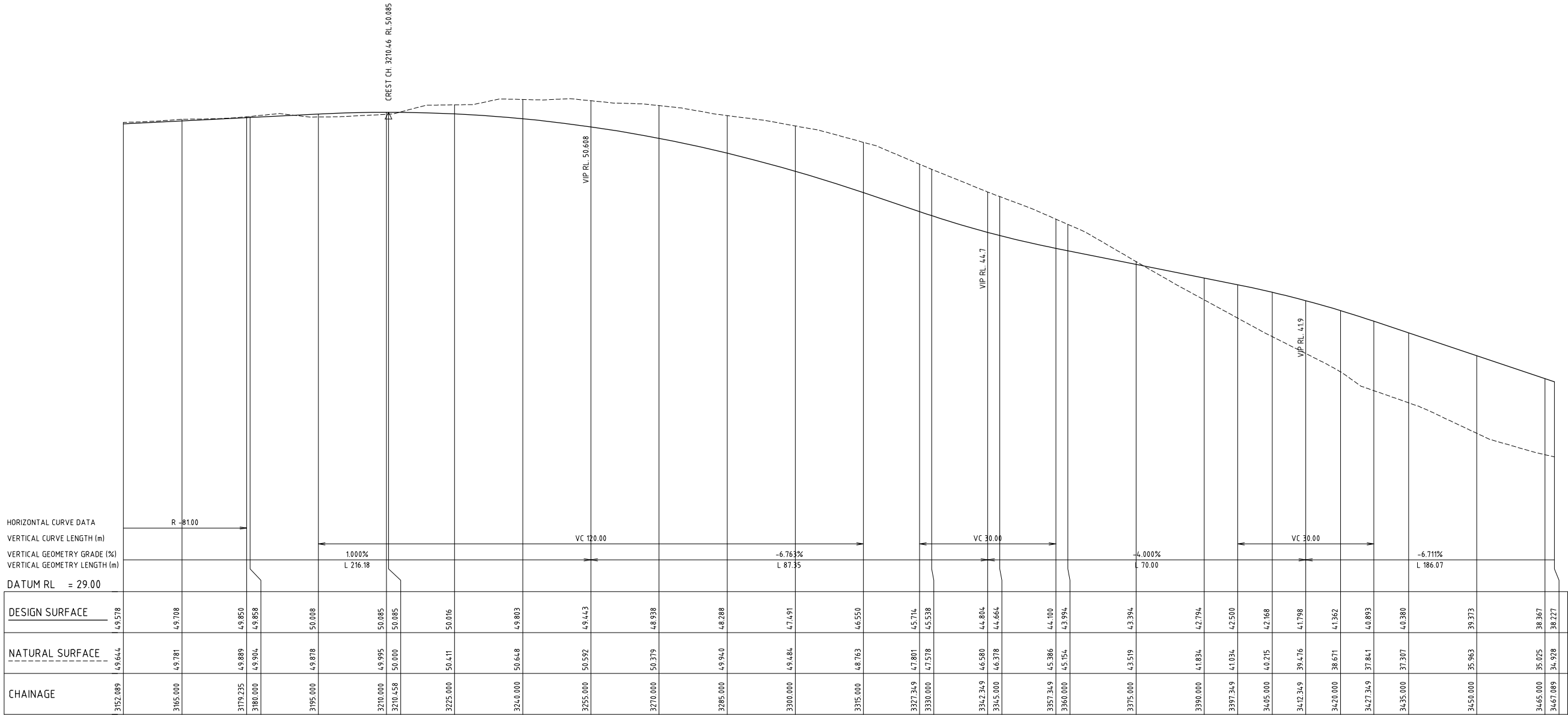


A1 SCALE: HORIZONTAL 1:500, VERTICAL 1:100
LONGITUDINAL SECTION - TR2

PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

				North		Scale		COPYRIGHT		Designed AM		Scale 1:500H/1:100V		Client				ANAMBAH URBAN RELEASE AREA ANAMBAH ROAD ANAMBAH - DA1		Project No 22311C	
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										Project Approval IAN HILL (B.E) Consulting Civil Engineer										Revision 5	
																				A1 SHEET	
5		GENERAL AMENDMENTS		AM		I.H		19.05.25													
4		GENERAL AMENDMENTS		AM		I.H		28.04.25													
2		CLIENT COMMENTS		JE		I.H		03.02.25													
1		ORIGINAL ISSUE		JE		I.H		23.01.25													
REVISION		Description		Drawn		App'd		Date													

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POSTED SPEED: 60km/hr

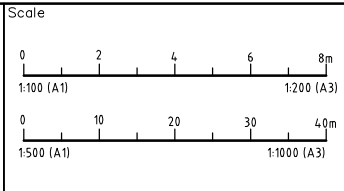


A1 SCALE: HORIZONTAL 1:500, VERTICAL 1:100
LONGITUDINAL SECTION - TR2

PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

REVISION	Description	Drawn	App'd	Date
5	GENERAL AMENDMENTS	AM	I.H	19.05.25
4	GENERAL AMENDMENTS	AM	I.H	28.04.25
2	CLIENT COMMENTS	JE	I.H	03.02.25
1	ORIGINAL ISSUE	JE	I.H	23.01.25

North



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Designed AM	Scale 1:500H/1:100V
Cad Reference 22311C dC311 r5	
Project Approval IAN HILL (B.E) Consulting Civil Engineer	

Client

DB20 PTY LTD

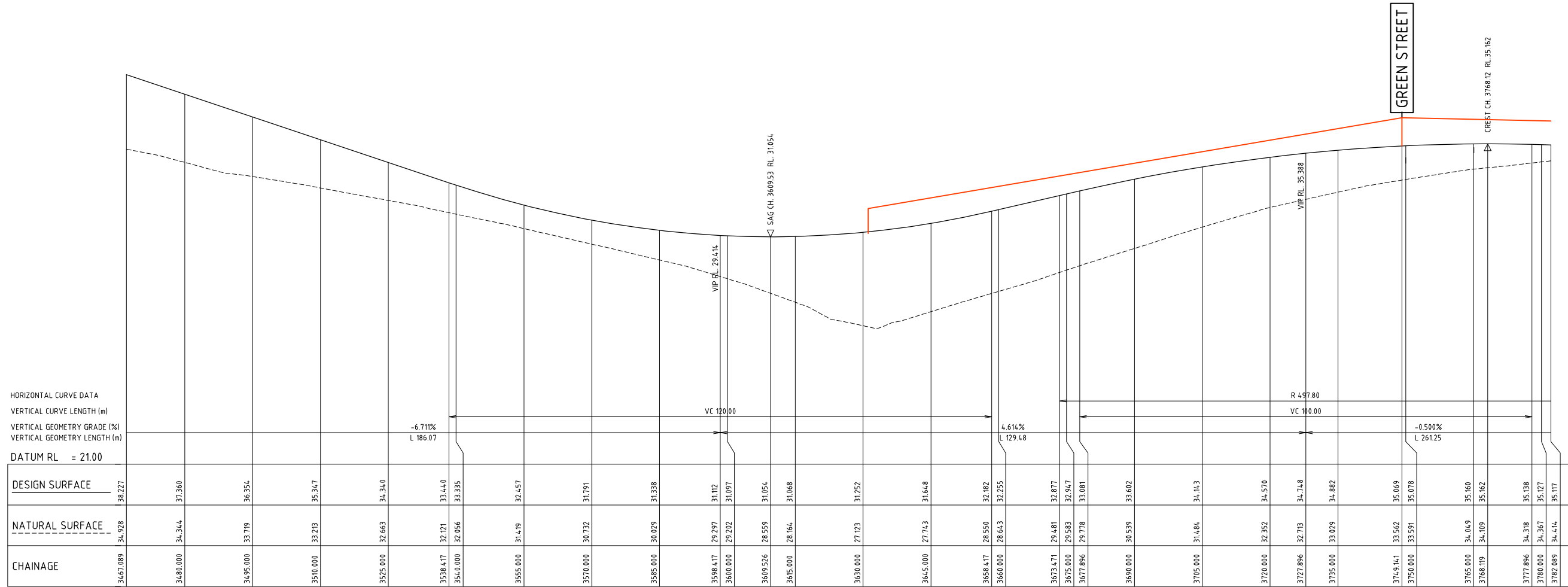
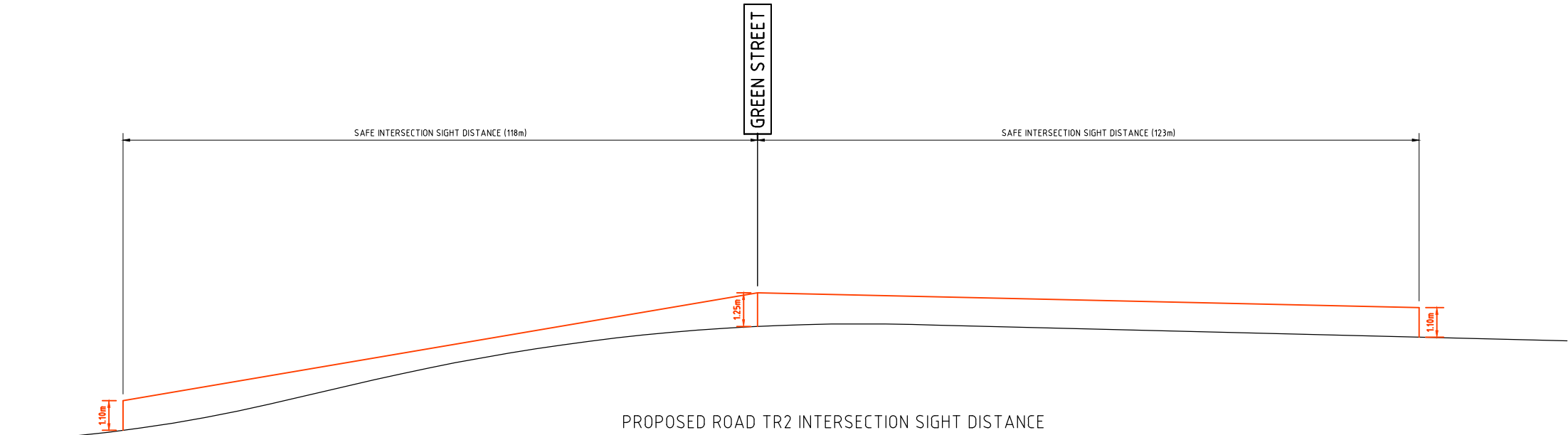
**GCA**
ENGINEERING SOLUTIONS

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1 HARTLEY DRIVE, THORNTON NSW 2322
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PHONE: (02) 4964 1811

ANAMBAH URBAN RELEASE AREA
ANAMBAH ROAD
ANAMBAH - DA1
ROAD TR2 LONG SECTION (3 OF 5)

Project No 22311C	Drawing No C311	Revision 5
A1 SHEET		

DESIGN SPEED: 70km/hr
POSTED SPEED: 60km/hr

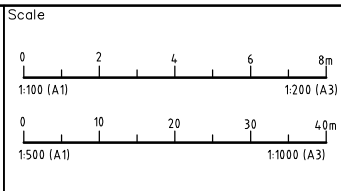


A1 SCALE: HORIZONTAL 1:500, VERTICAL 1:100
LONGITUDINAL SECTION - TR2

PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

REVISION	Description	Drawn	App'd	Date
5	GENERAL AMENDMENTS	AM	IH	19.05.25
4	GENERAL AMENDMENTS	AM	IH	28.04.25
2	CLIENT COMMENTS	JE	IH	03.02.25
1	ORIGINAL ISSUE	JE	IH	23.01.25

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Designed AM	Scale 1:500H/1:100V
Cad Reference 22311C dC312 r5	
Project Approval IAN HILL (B.E) Consulting Civil Engineer	

Client
DB20 PTY LTD

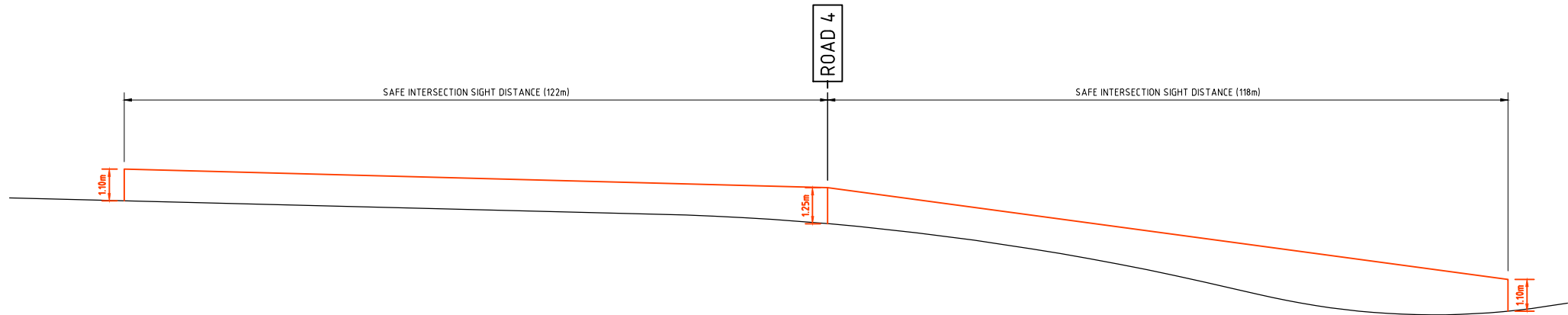
GCA
ENGINEERING SOLUTIONS

A.B.N. 92 086 017 745
1 HARTLEY DRIVE, THORNTON NSW 2322
PO BOX 3337, THORNTON NSW 2322
PHONE: (02) 4964 1811

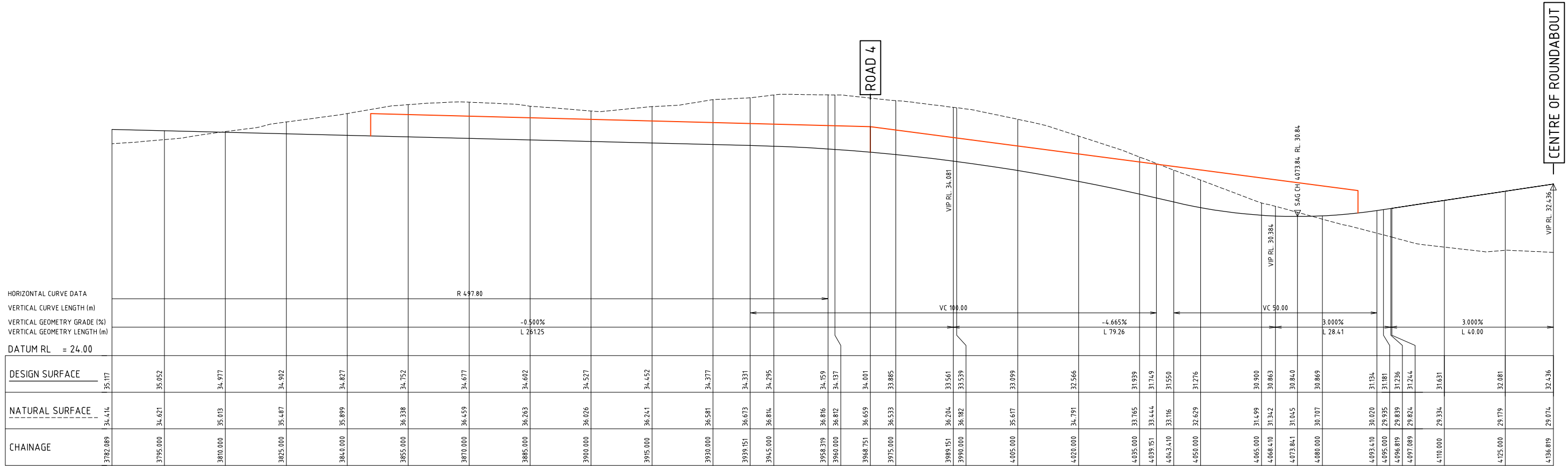
ANAMBAH URBAN RELEASE AREA
ANAMBAH ROAD
ANAMBAH - DA1
ROAD TR2 LONG SECTION (4 OF 5)

Project No 22311C	
Drawing No C312	Revision 5
A1 SHEET	

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POSTED SPEED: 60km/hr



PROPOSED ROAD TR2 INTERSECTION SIGHT DISTANCE

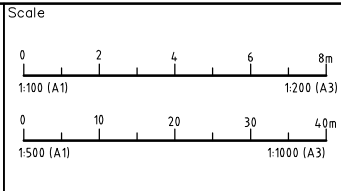


A1 SCALE: HORIZONTAL 1:500, VERTICAL 1:100
LONGITUDINAL SECTION - TR2

PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

REVISION	Description	Drawn	App'd	Date
5	GENERAL AMENDMENTS	AM	IH	19.05.25
4	GENERAL AMENDMENTS	AM	IH	28.04.25
2	CLIENT COMMENTS	JE	IH	03.02.25
1	ORIGINAL ISSUE	JE	IH	23.01.25

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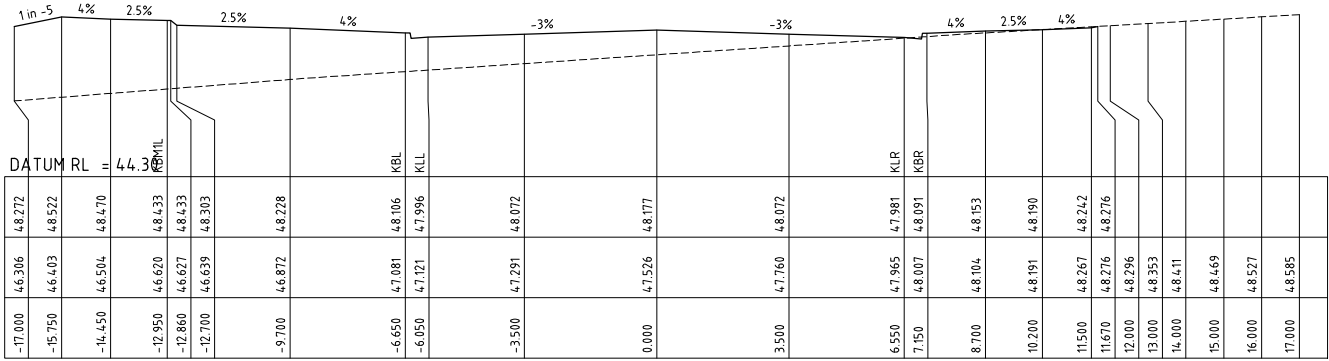
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Cad Reference 22311C dC313 r5	
Project Approval IAN HILL (B.E) Consulting Civil Engineer	

Client
DB20 PTY LTD

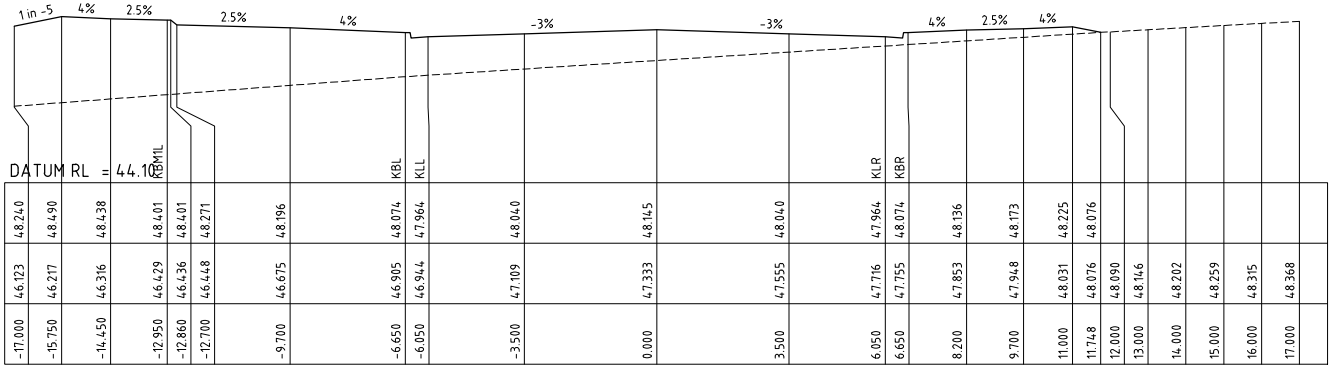


ANAMBAH URBAN RELEASE AREA
ANAMBAH ROAD
ANAMBAH - DA1
ROAD TR2 LONG SECTION (5 OF 5)

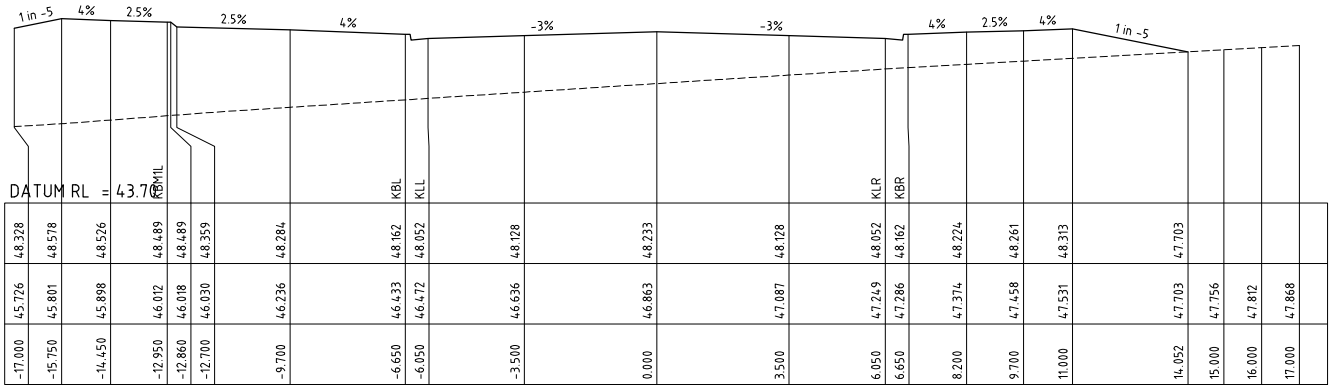
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Drawing No C313	Revision 5
A1 SHEET	



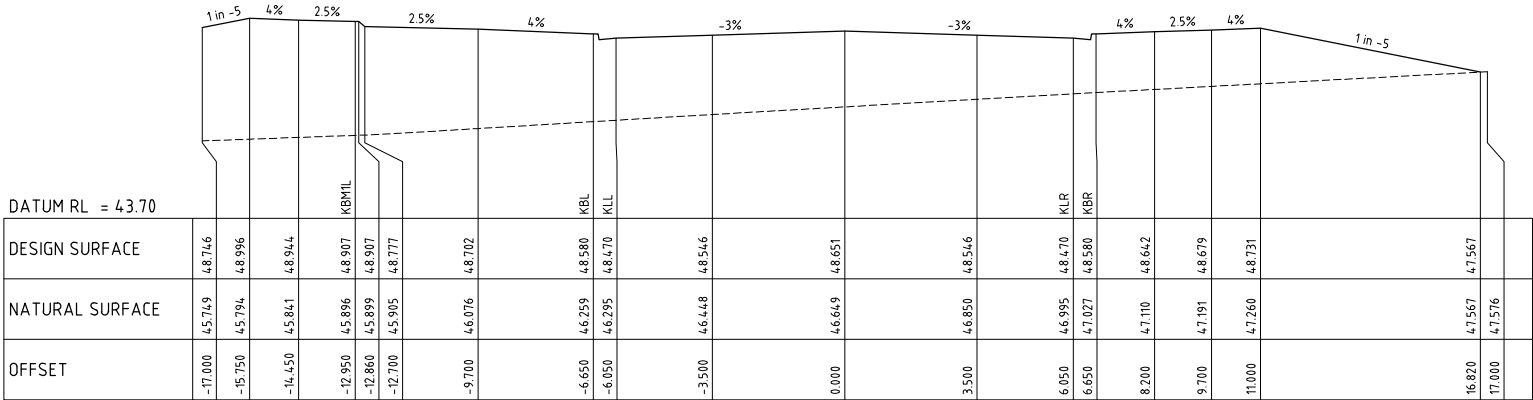
CH 2745.000



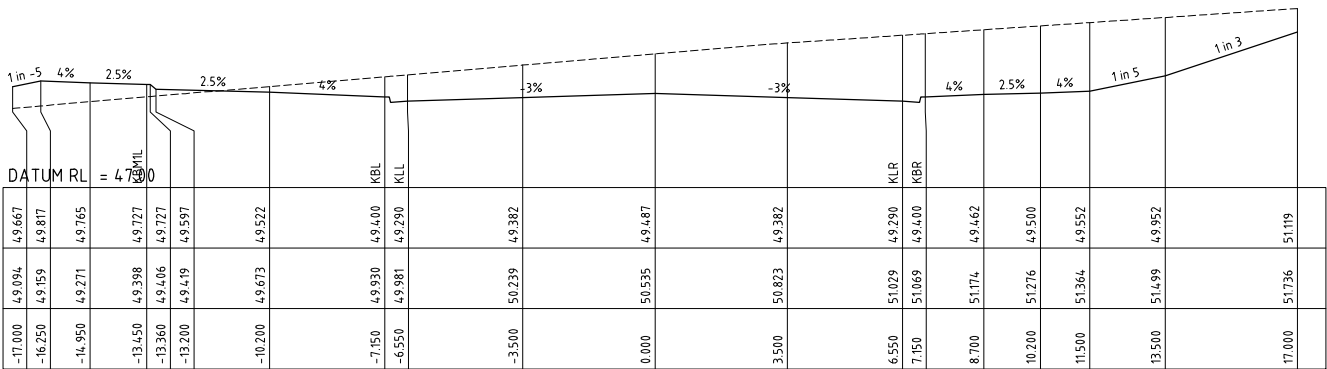
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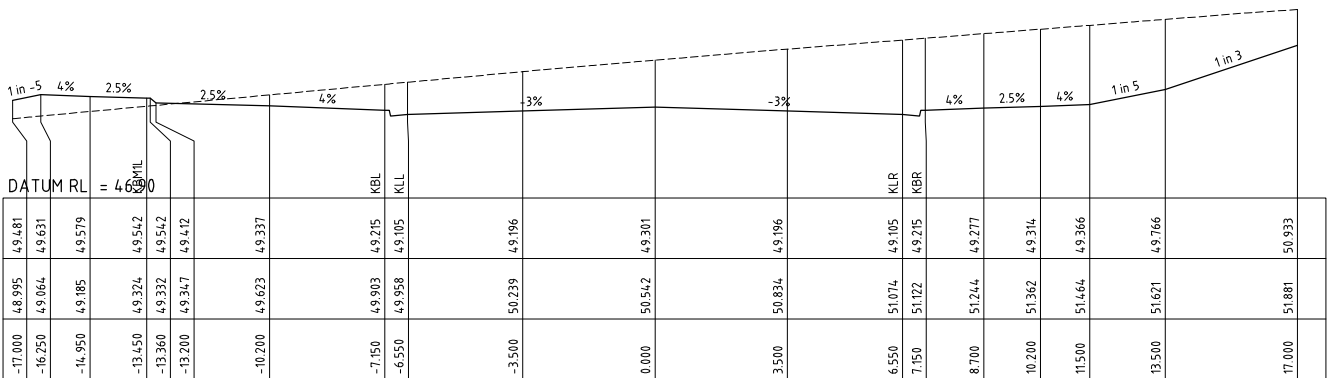
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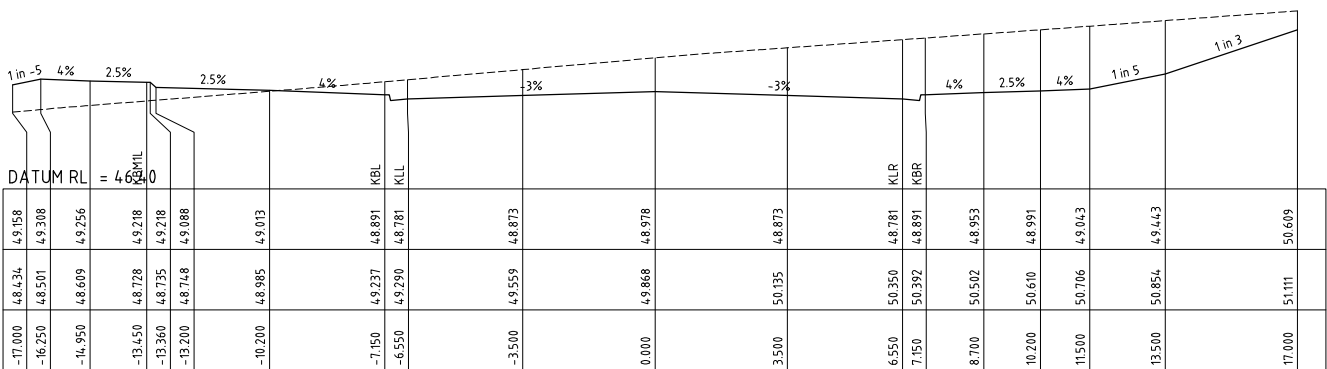
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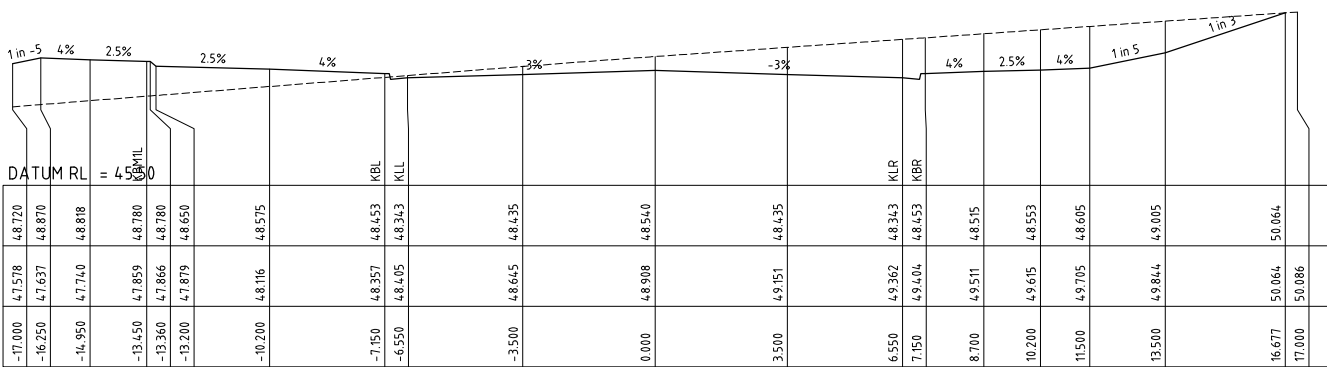
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CH 2790.000



CH 2775.000

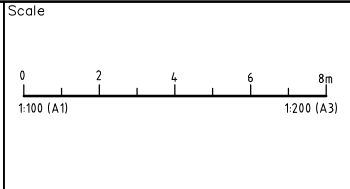


CH 2760.000

PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

REVISION	Description	Drawn	App'd	Date
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4	GENERAL AMENDMENTS	AM	IH	28.04.25
2	CLIENT COMMENTS	JE	IH	03.02.25
1	ORIGINAL ISSUE	JE	IH	23.01.25

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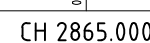
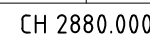
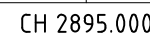
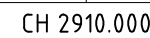
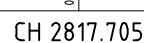
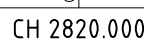
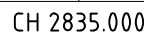
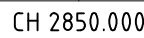
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Cad Reference 22311C dC314 r5	
Project Approval IAN HILL (B.E) Consulting Civil Engineer	

Client
DB20 PTY LTD



ANAMBAH URBAN RELEASE AREA
ANAMBAH ROAD
ANAMBAH - DA1
ROAD TR2 CROSS SECTIONS (1 OF 15)

Project No 22311C	Drawing No C314	Revision 5
A1 SHEET		

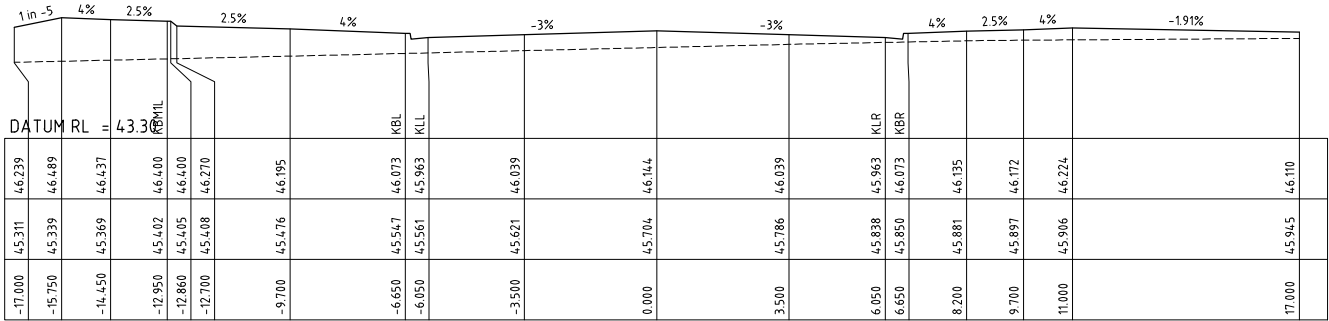


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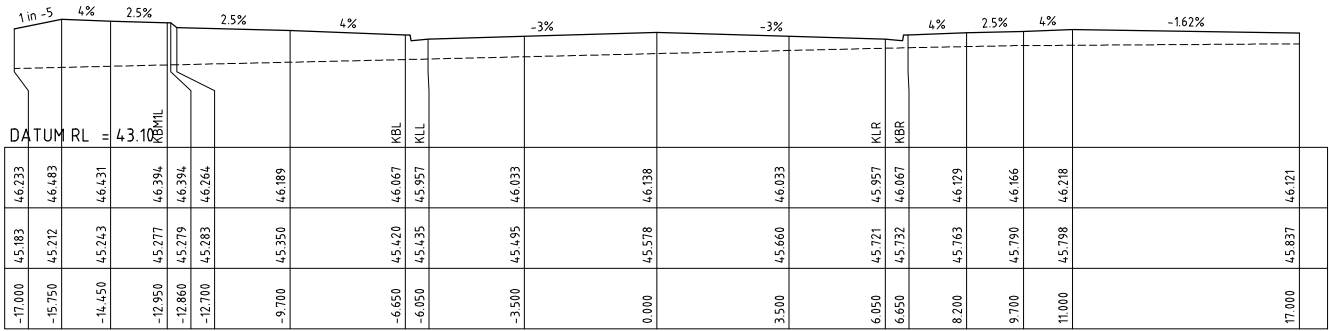
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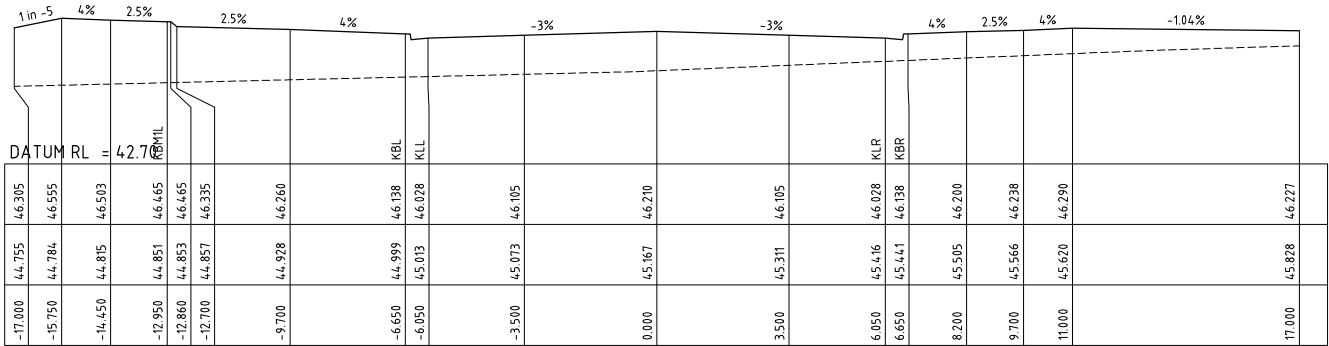
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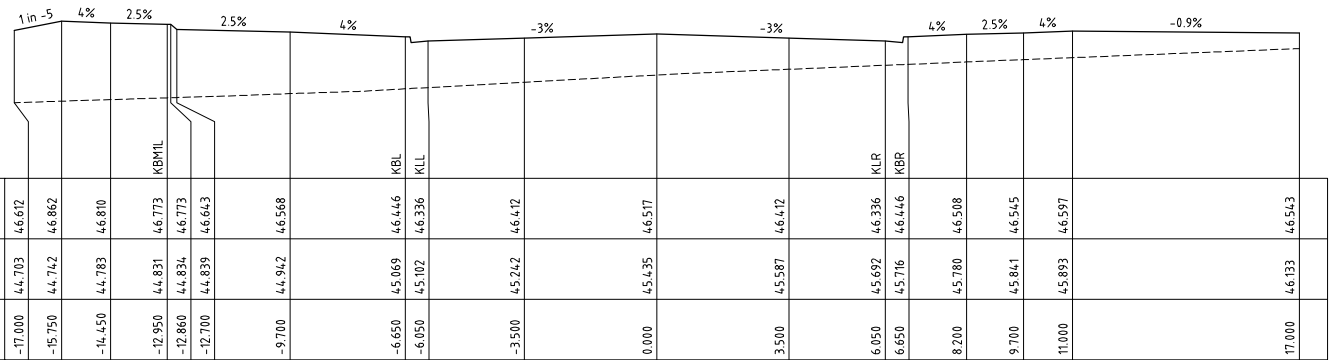
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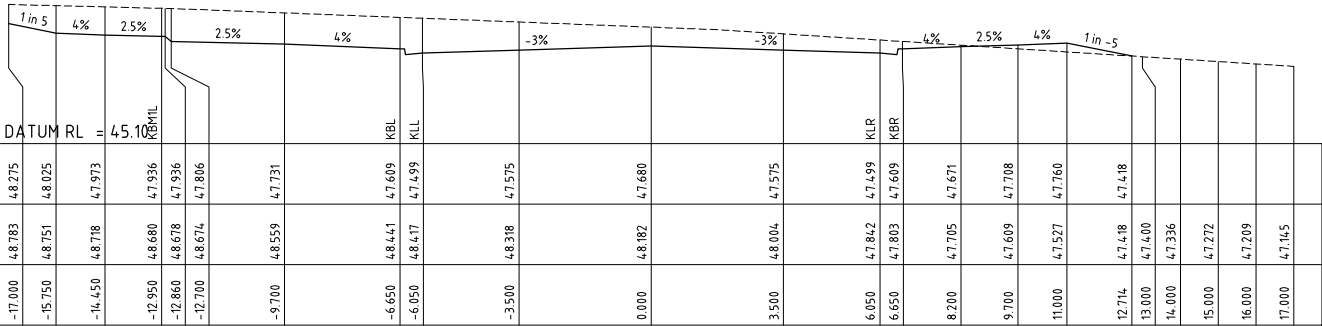
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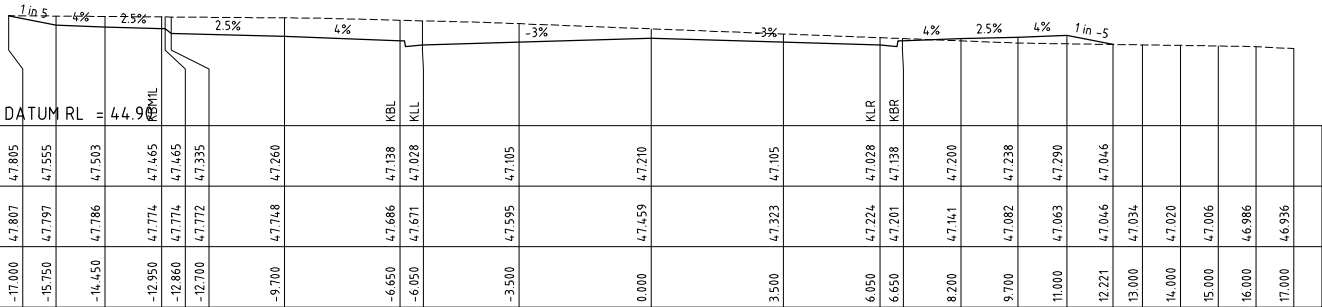
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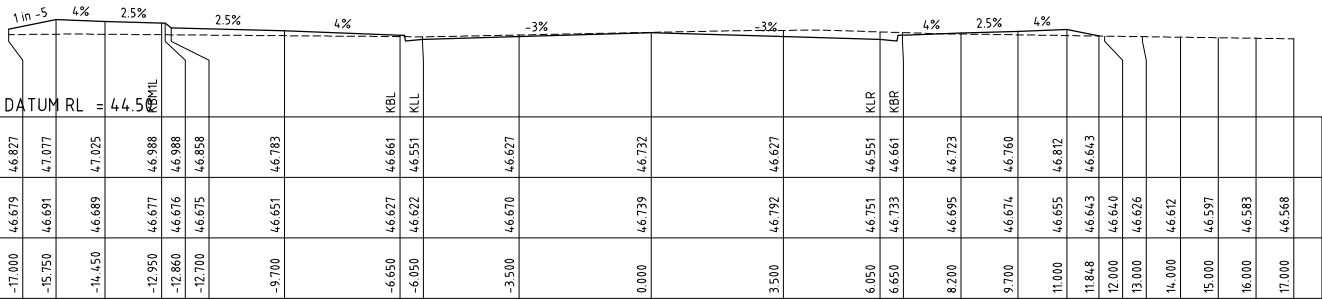
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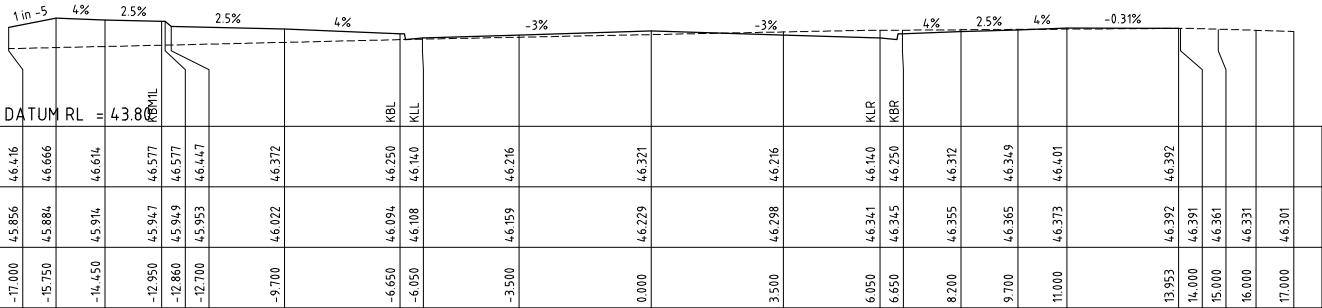
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CH 2985.000



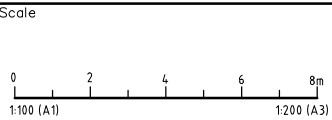
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PRELIMINARY ISSUE
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4	GENERAL AMENDMENTS	AM	IH	28.04.25
2	CLIENT COMMENTS	JE	IH	03.02.25
1	ORIGINAL ISSUE	JE	IH	23.01.25

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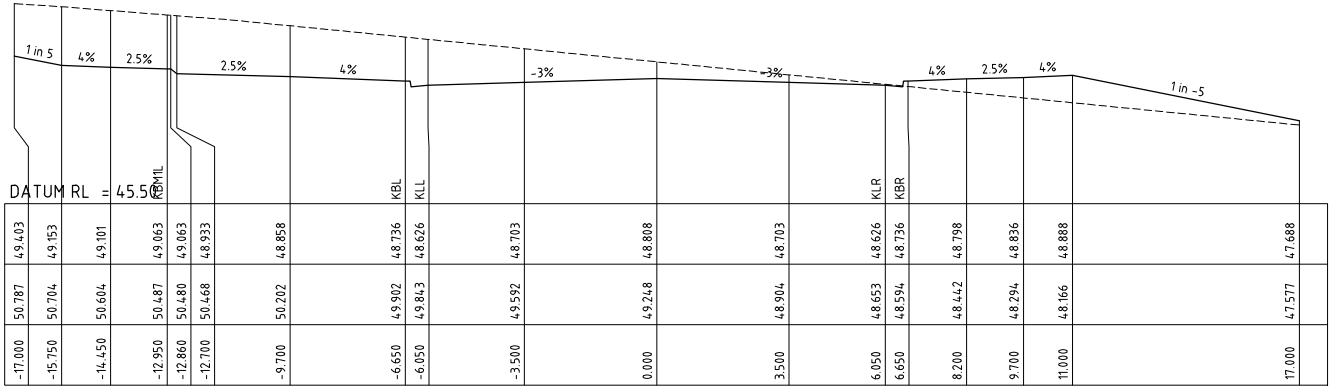
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AM
Cad Reference
22311C dC316 r5
Project Approval
IAN HILL (B.E)
Consulting Civil Engineer

Client
DB20 PTY LTD

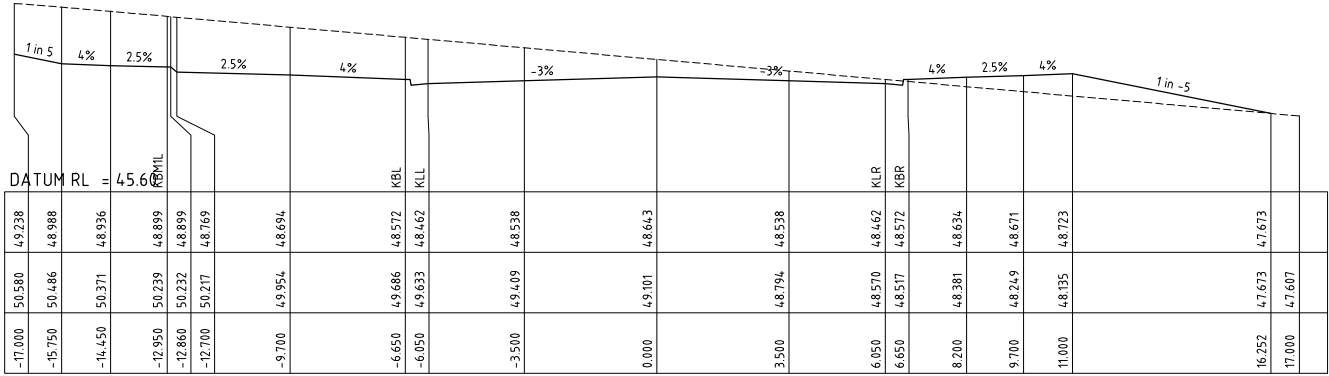


ANAMBAH URBAN RELEASE AREA
ANAMBAH ROAD
ANAMBAH - DA1
ROAD TR2 CROSS SECTIONS (3 OF 15)

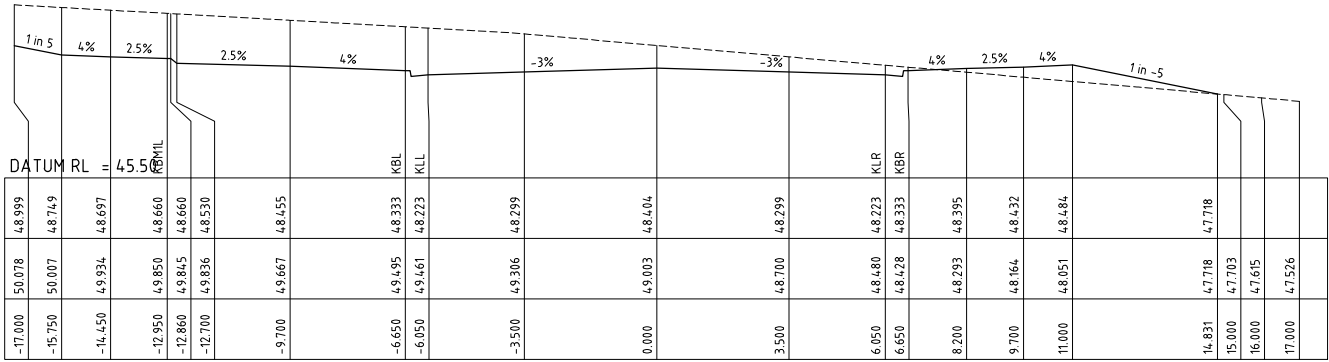
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Drawing No	C316
Revision	5
A1 SHEET	



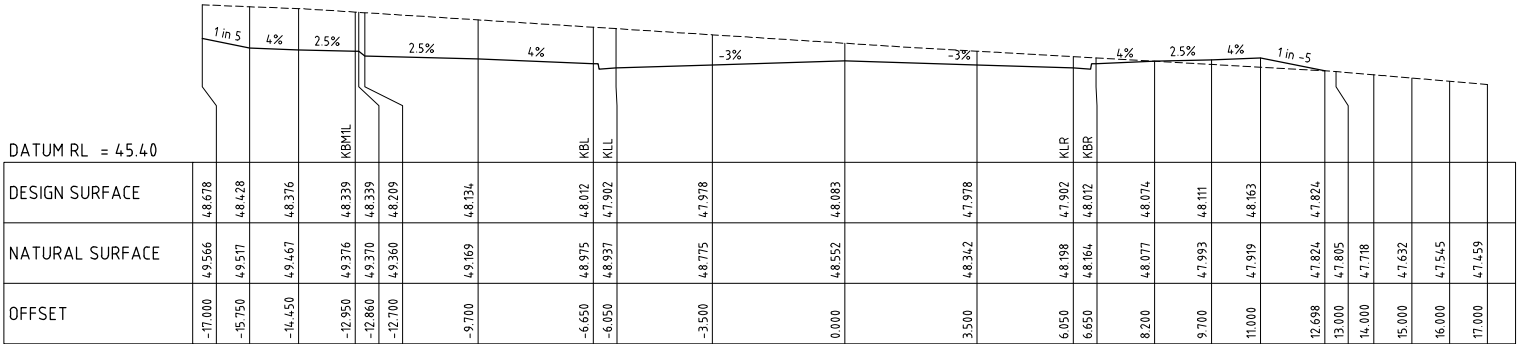
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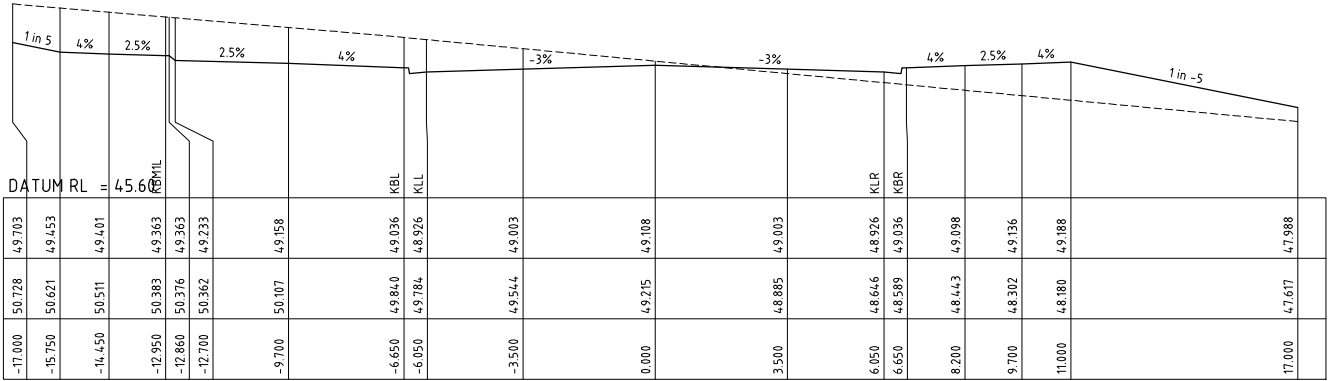
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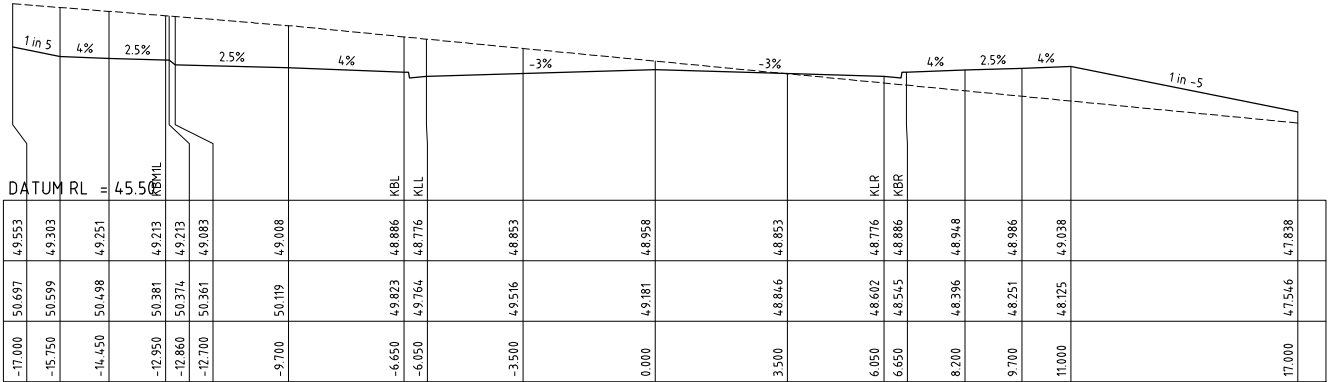
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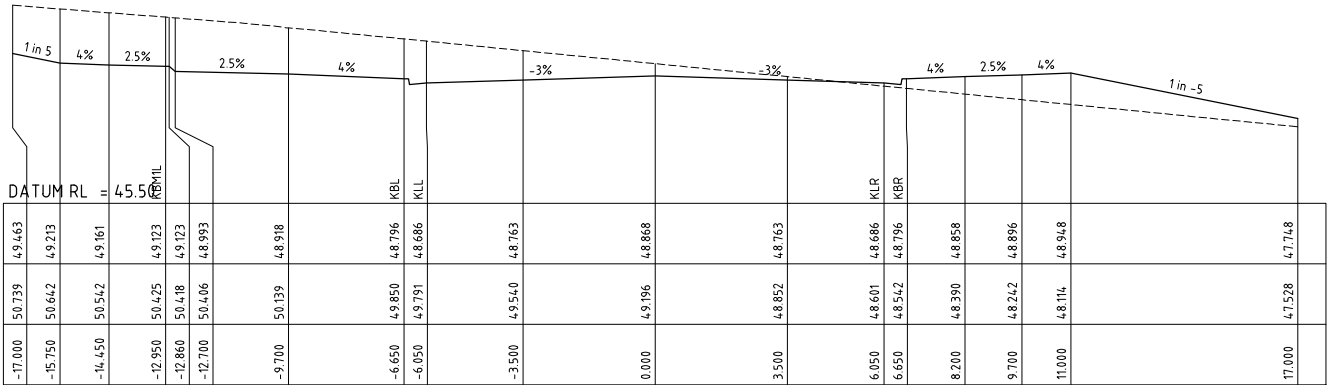
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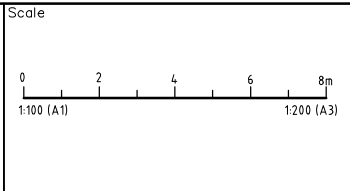
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CH 3081.030

REVISION	Description	Drawn	App'd	Date
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2	CLIENT COMMENTS	JE	IH	03.02.25
1	ORIGINAL ISSUE	JE	IH	23.01.25

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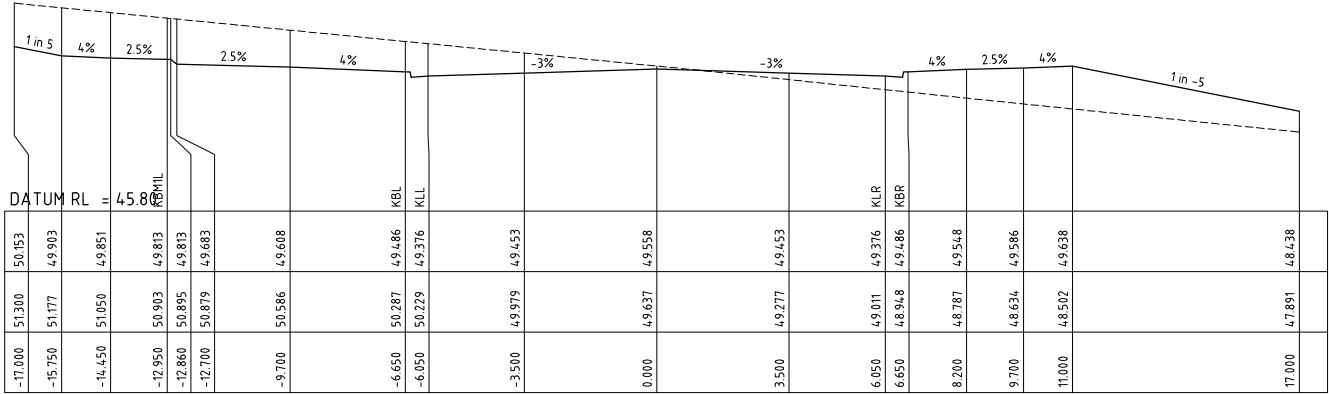
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Project Approval IAN HILL (B.E) Consulting Civil Engineer	

Client
DB20 PTY LTD

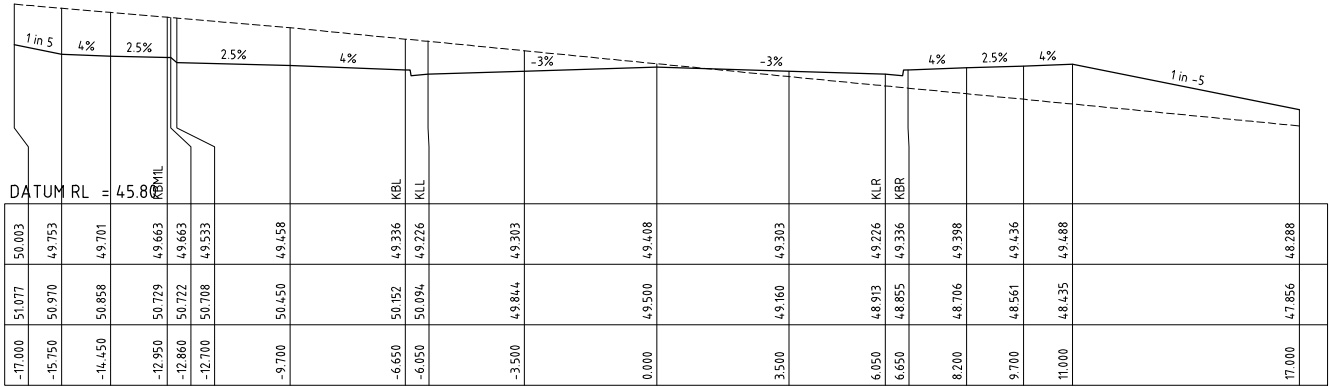


ANAMBAH URBAN RELEASE AREA
ANAMBAH ROAD
ANAMBAH - DA1
ROAD TR2 CROSS SECTIONS (4 OF 15)

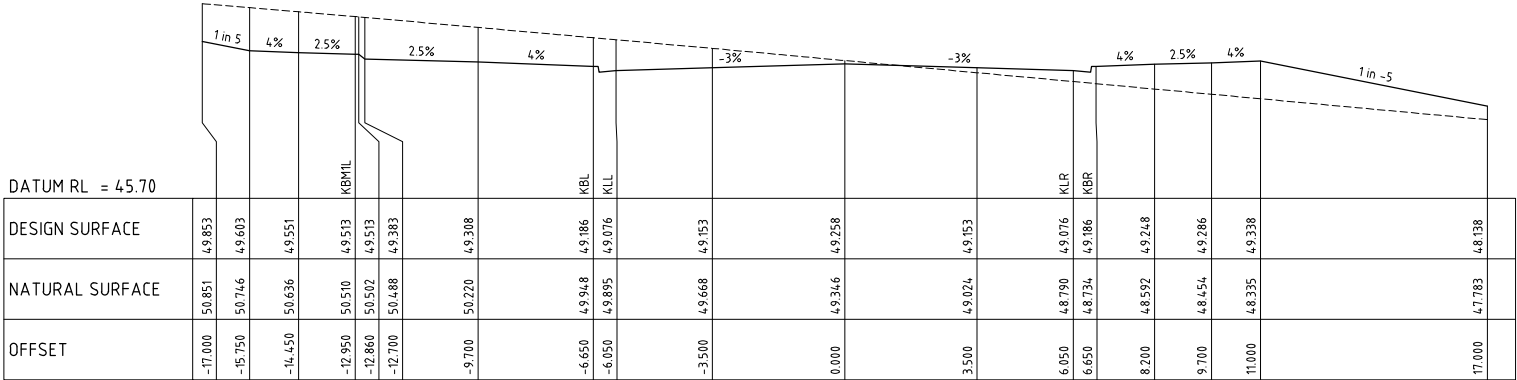
Project No 22311C	
Drawing No C317	Revision 5
A1 SHEET	



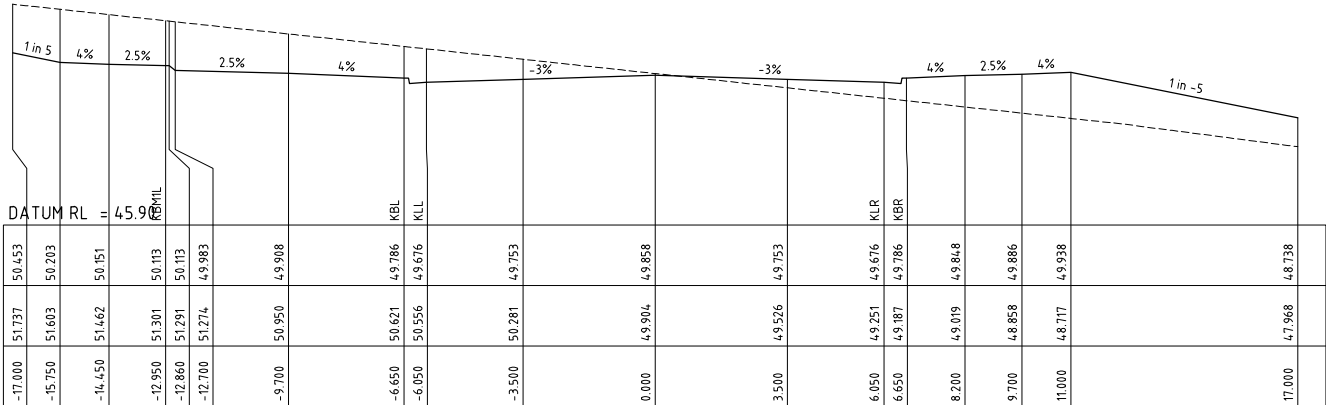
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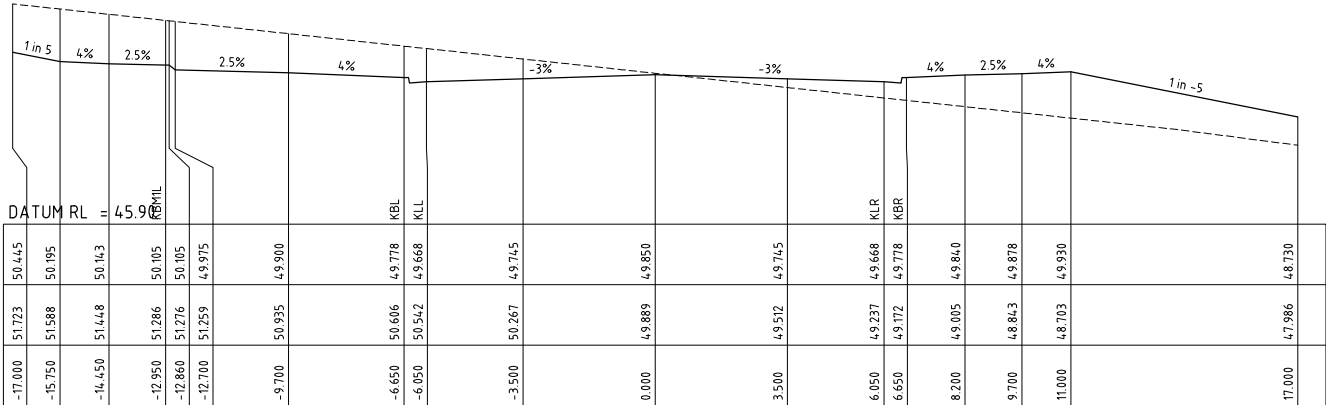
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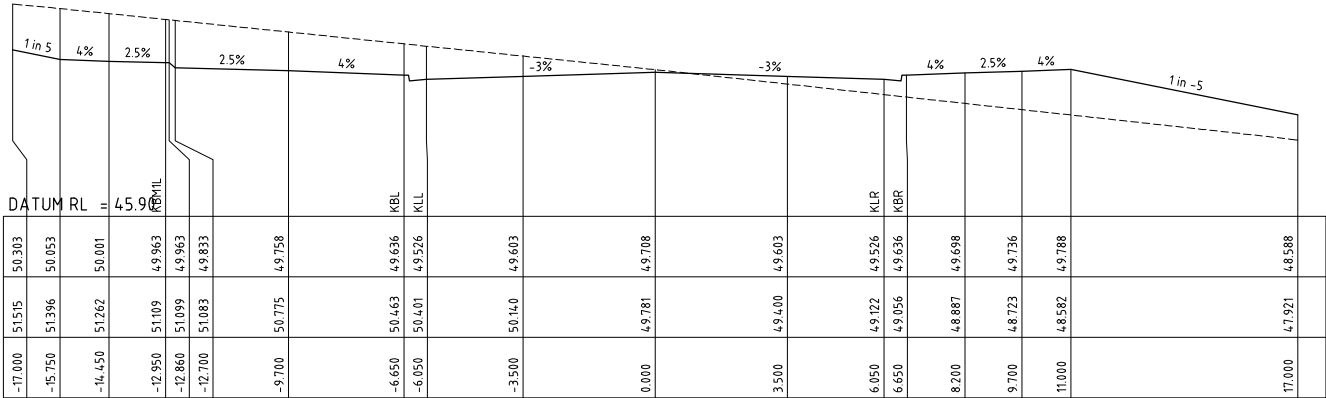
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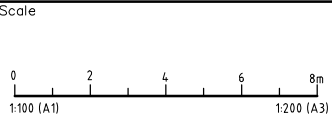


CH 3165.000

PRELIMINARY ISSUE
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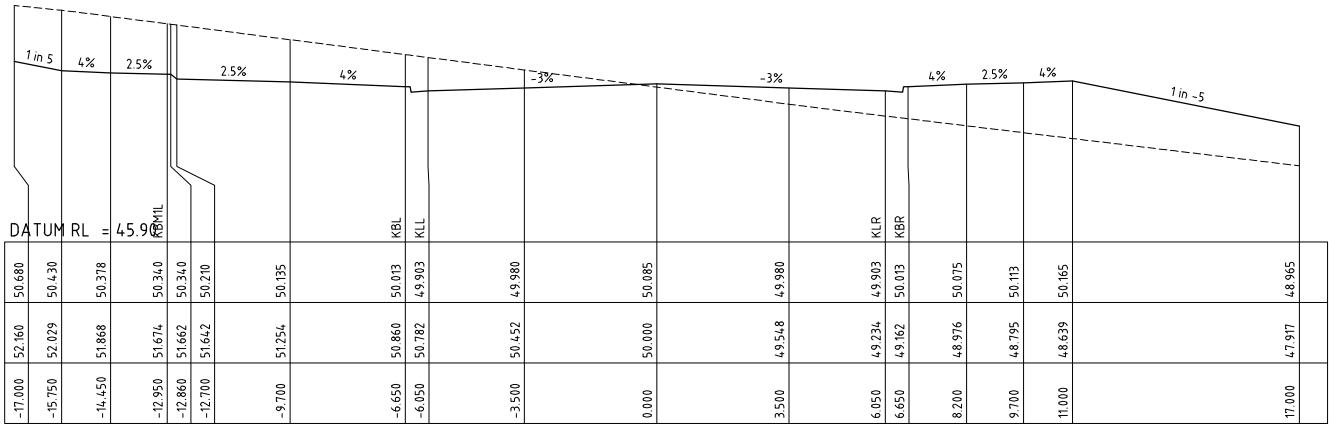
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Scale
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Cad Reference
22311C dC318 r5
Project Approval
IAN HILL (B.E)
Consulting Civil Engineer

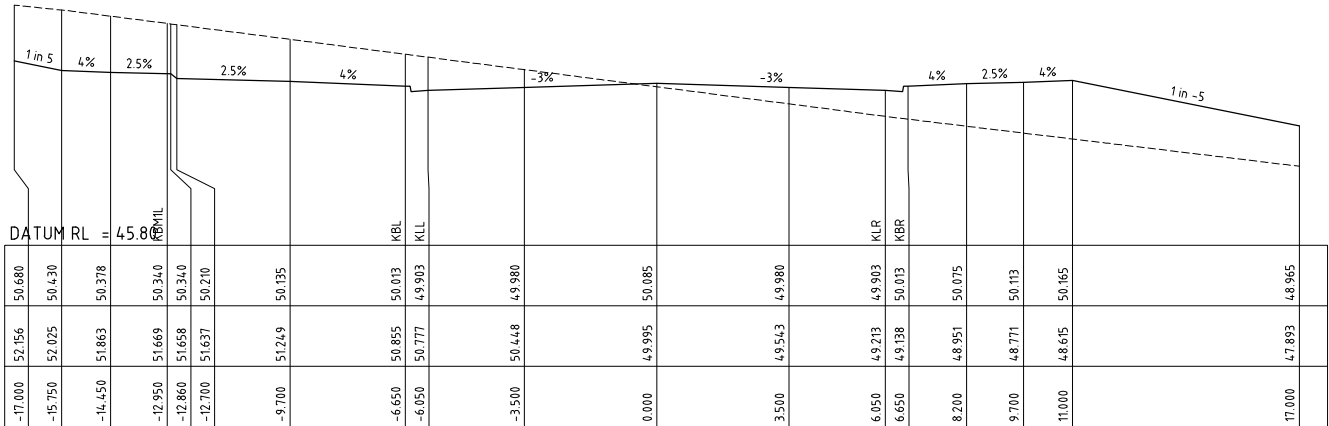
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DB20 PTY LTD



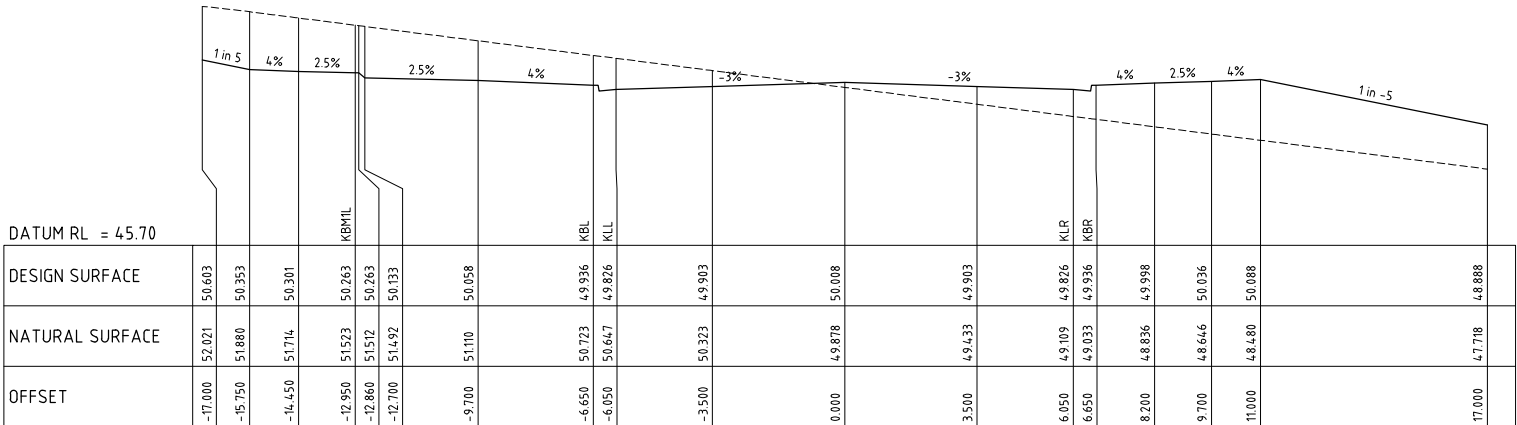
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Project No 22311C	Drawing No C318
Revision 5	A1 SHEET



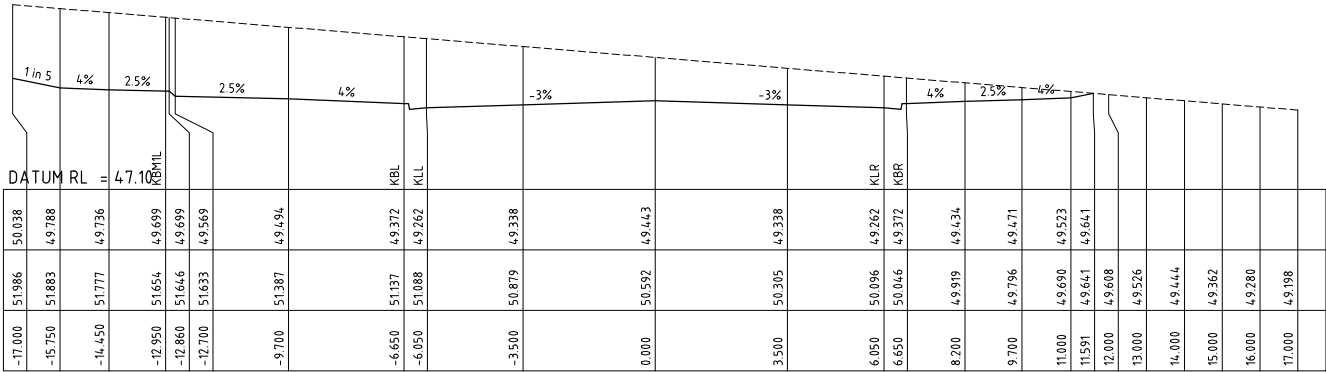
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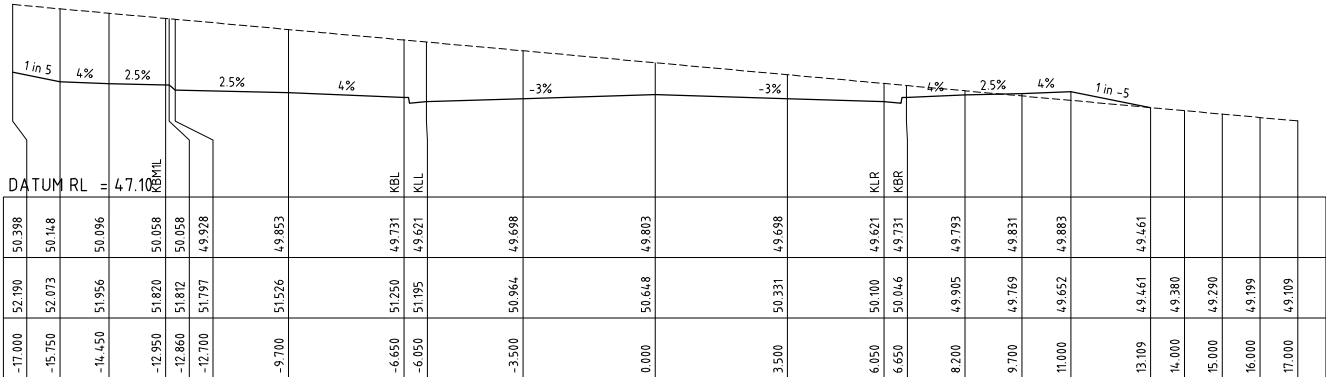
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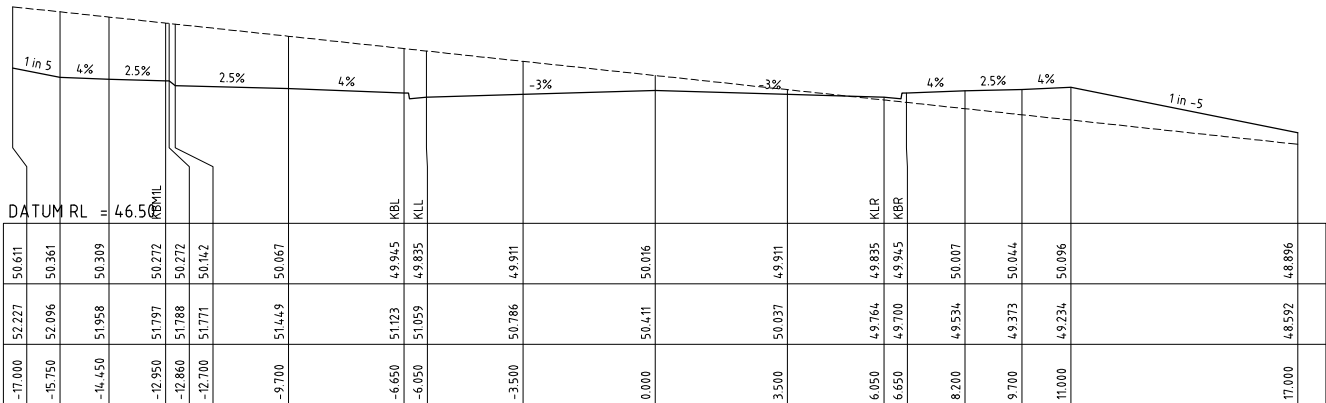
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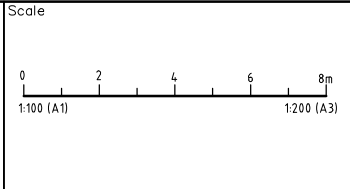


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PRELIMINARY ISSUE
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2	CLIENT COMMENTS	JE	IH	03.02.25
1	ORIGINAL ISSUE	JE	IH	23.01.25

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Project Approval IAN HILL (B.E) Consulting Civil Engineer	

Client
DB20 PTY LTD

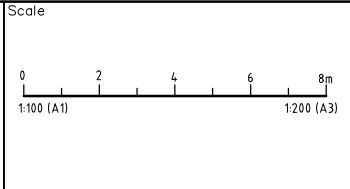


ANAMBAH URBAN RELEASE AREA
ANAMBAH ROAD
ANAMBAH - DA1
ROAD TR2 CROSS SECTIONS (6 OF 15)

Project No 22311C	Drawing No C319	Revision 5
A1 SHEET		

5	GENERAL AMENDMENTS	AM	IH	19.05.25	
4	GENERAL AMENDMENTS	AM	IH	28.04.25	
2	CLIENT COMMENTS	JE	IH	03.02.25	
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REVISION	Description	Drawn	App'd	Date	

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Project Approval IAN HILL (B.E) Consulting Civil Engineer	

Client

DB20 PTY LTD

GCA
ENGINEERING SOLUTIONS

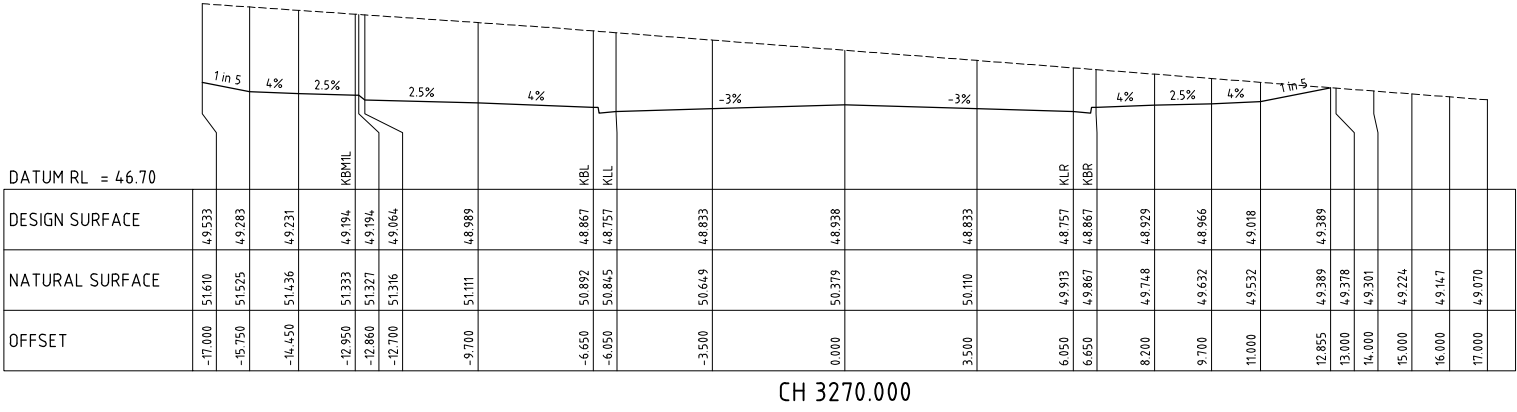
A.B.N. 92 086 017 745
1 HARTLEY DRIVE, THORNTON NSW 2322
PO BOX 3337, THORNTON NSW 2322
PHONE: (02) 4964 1811

ANAMBAH URBAN RELEASE AREA
ANAMBAH ROAD
ANAMBAH - DA1
ROAD TR2 CROSS SECTIONS (7 OF 15)

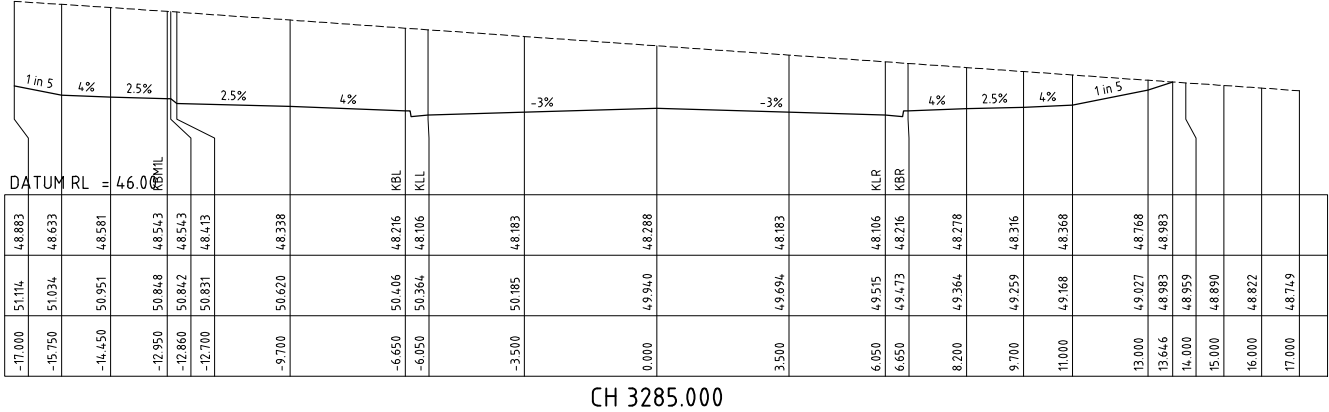
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Drawing No C320	Revision 5
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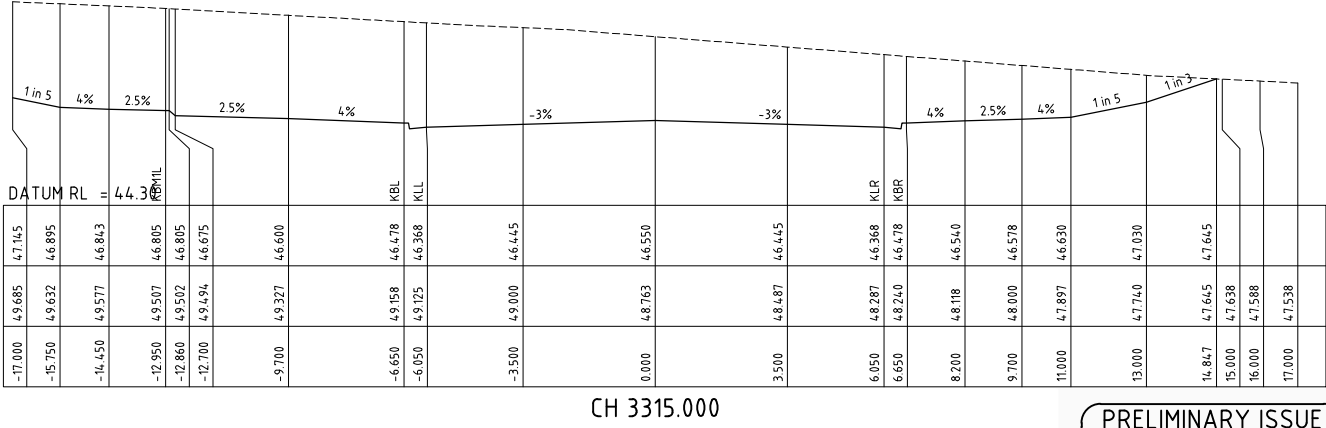
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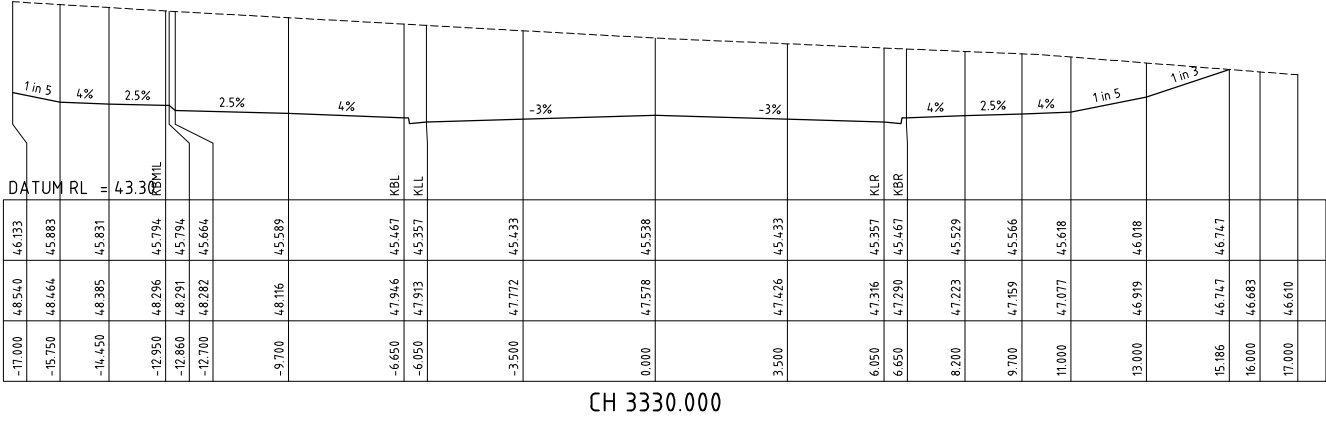
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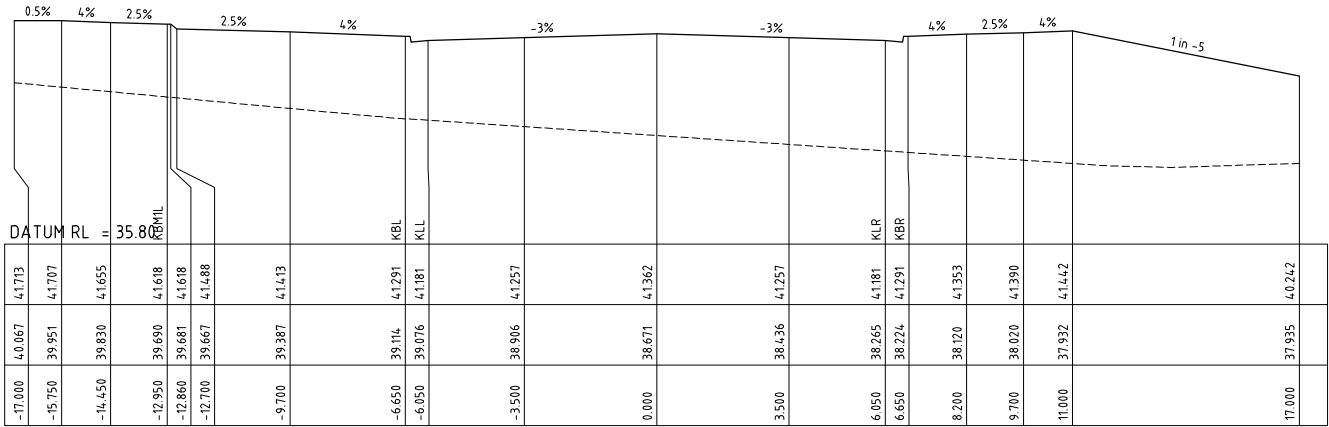
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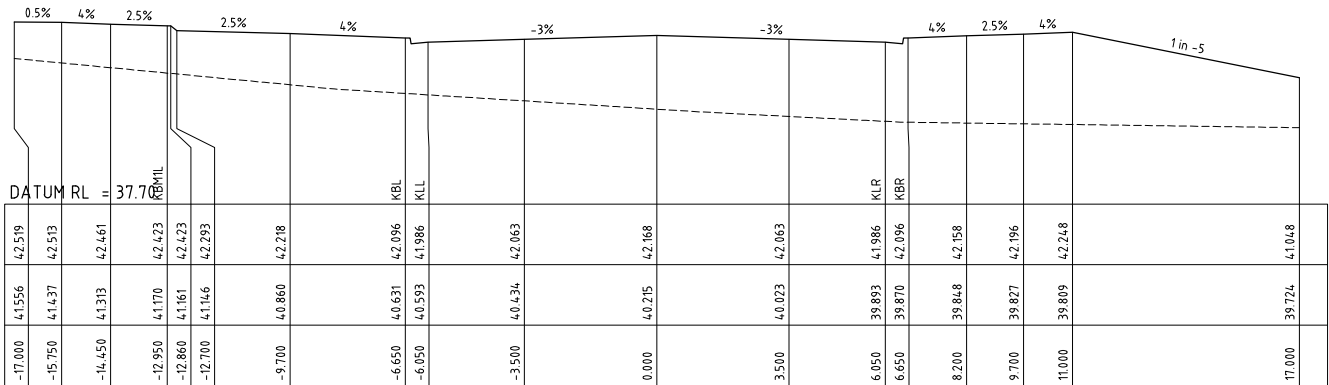
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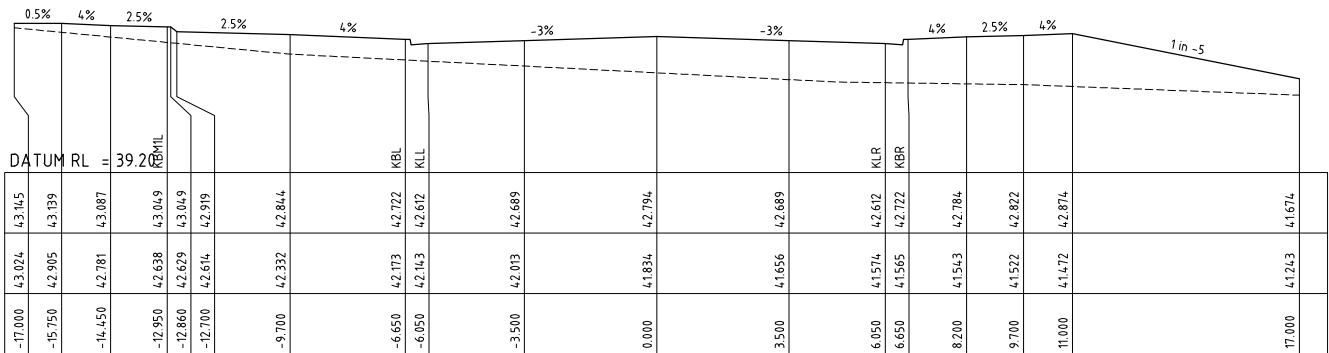
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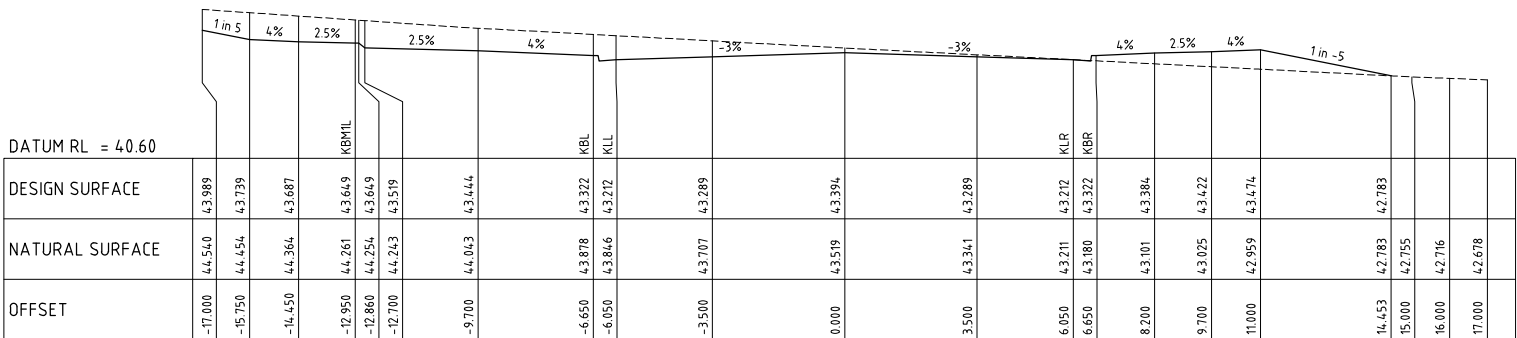
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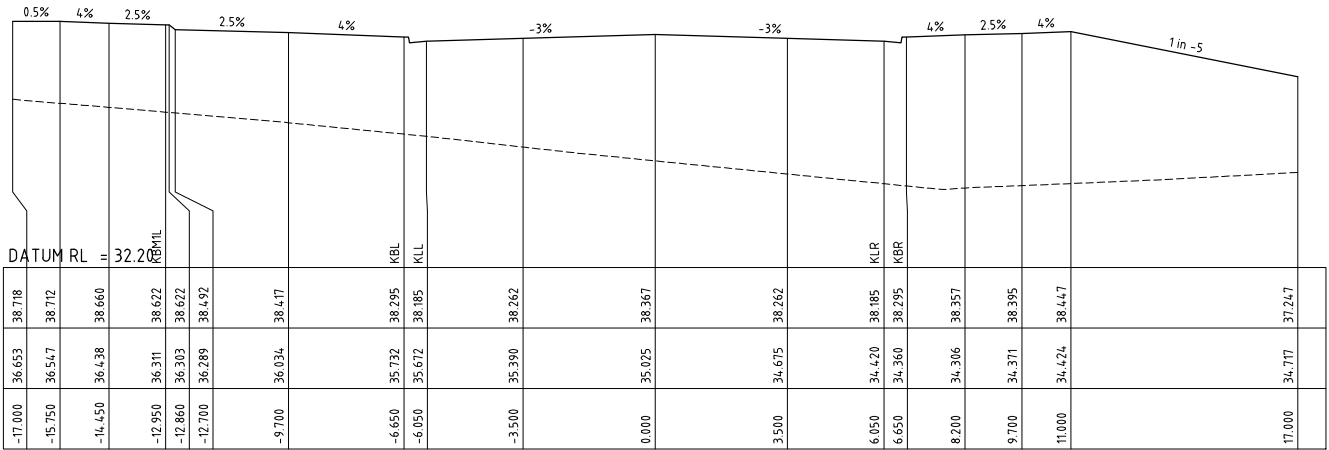
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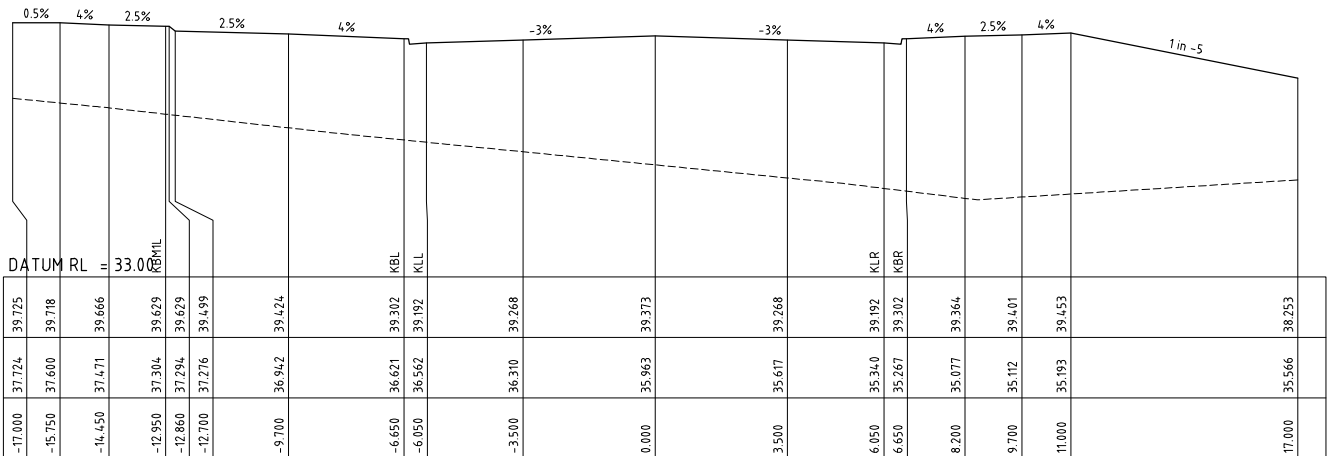
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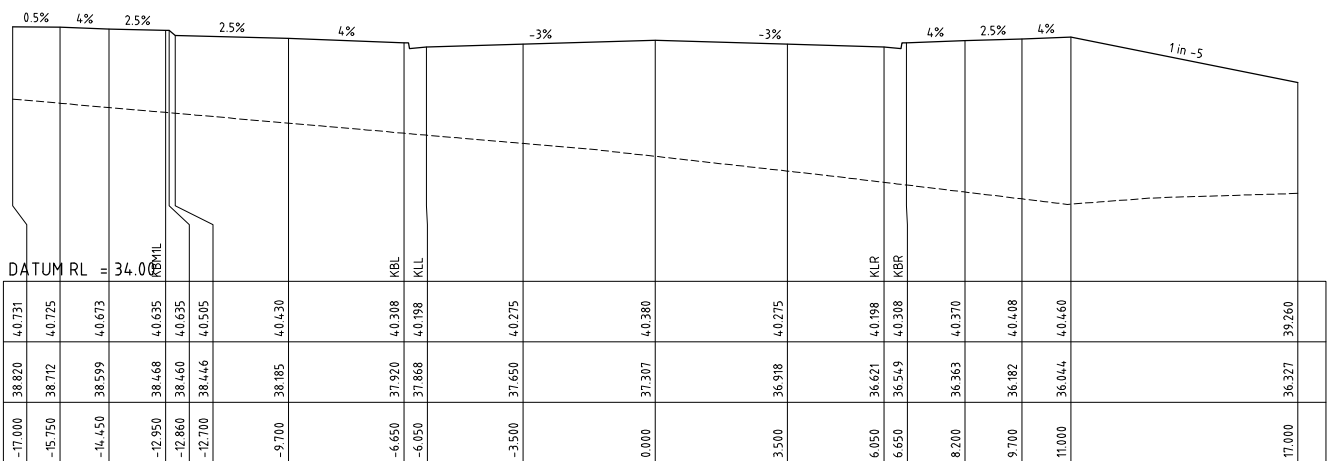
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CH 3465.000



CH 3450.000



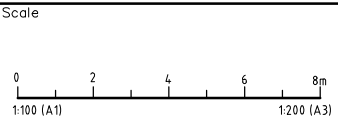
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PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

REVISION	Description	Drawn	App'd	Date
5	GENERAL AMENDMENTS	AM	IH	19.05.25
4	GENERAL AMENDMENTS	AM	IH	28.04.25
2	CLIENT COMMENTS	JE	IH	03.02.25
1	ORIGINAL ISSUE	JE	IH	23.01.25

PLOT DATE: 30/05/2025 1:42:10 PM

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Designed
AM

Cad Reference
22311C dC321 r5

Project Approval
IAN HILL (B.E)
Consulting Civil Engineer

Scale
1:100

Client
DB20 PTY LTD

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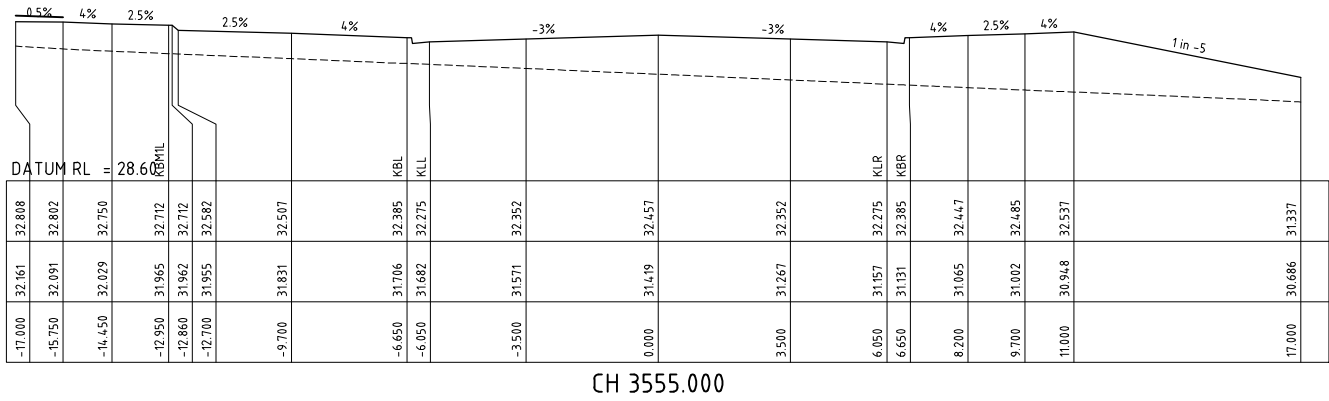
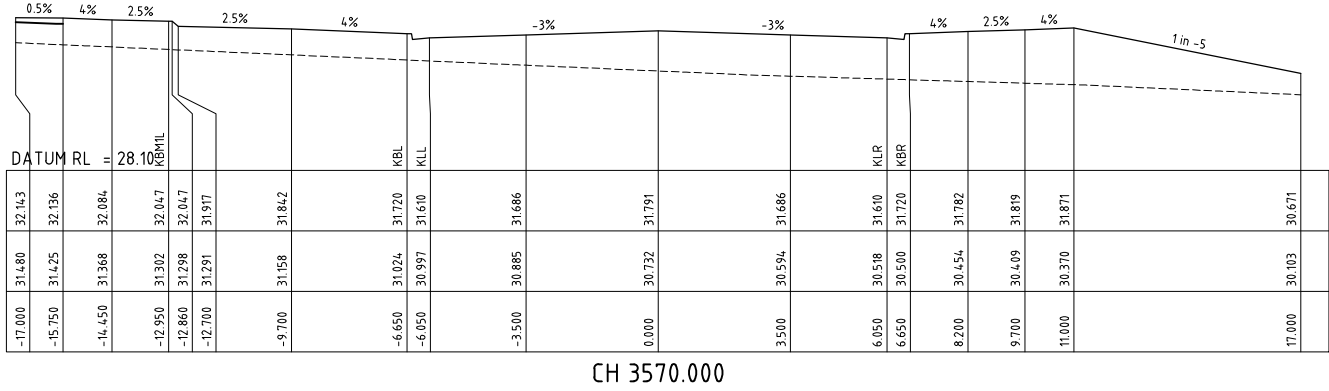
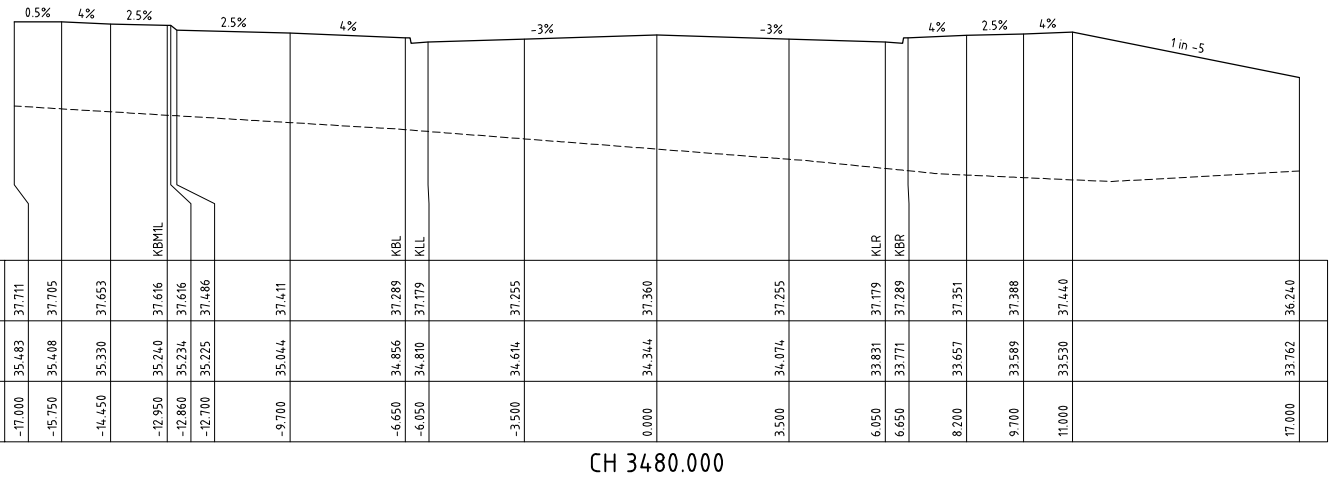
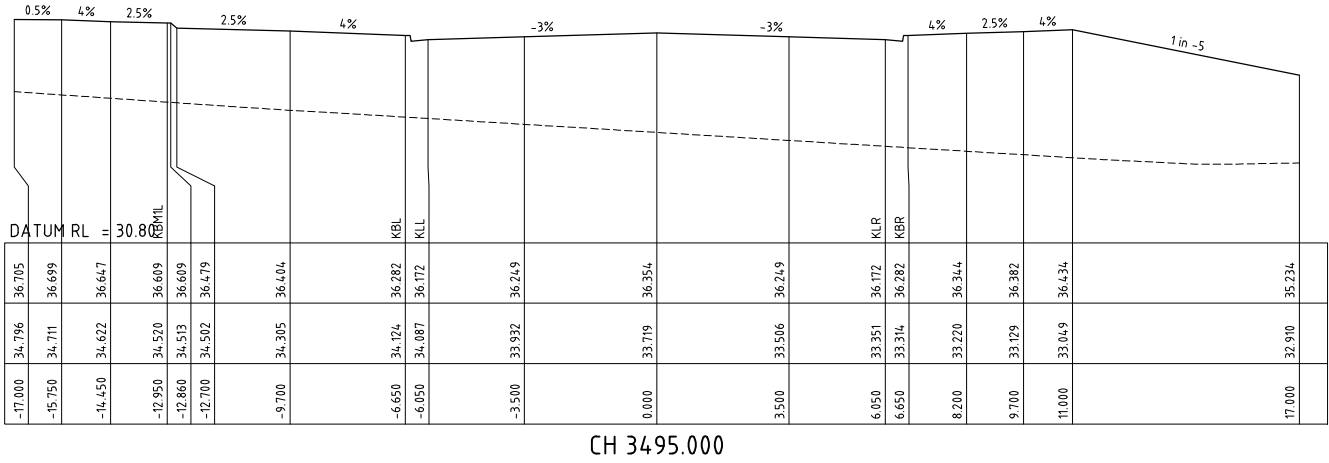
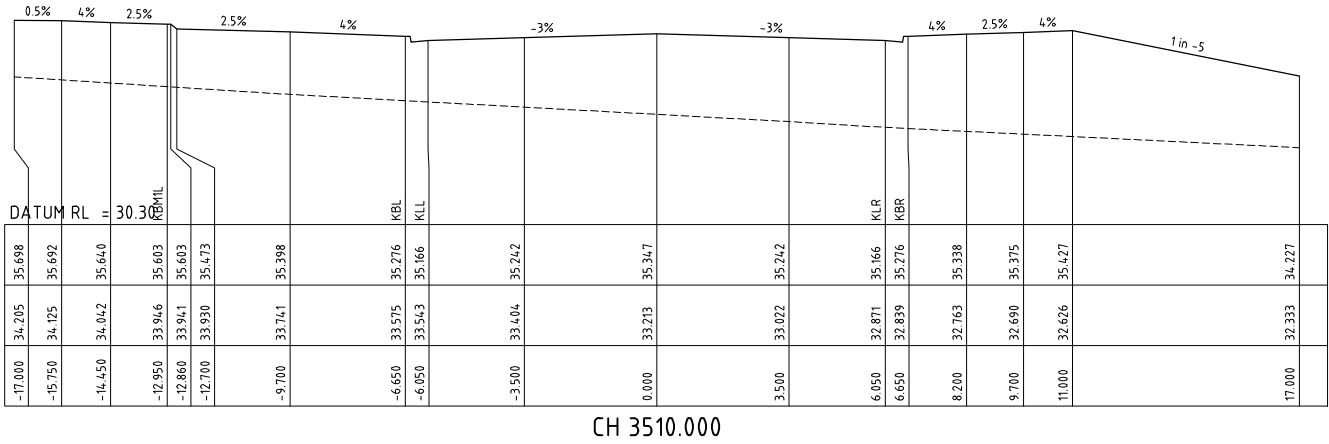
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PO BOX 3337, THORNTON NSW 2322
PHONE: (02) 4964 1811

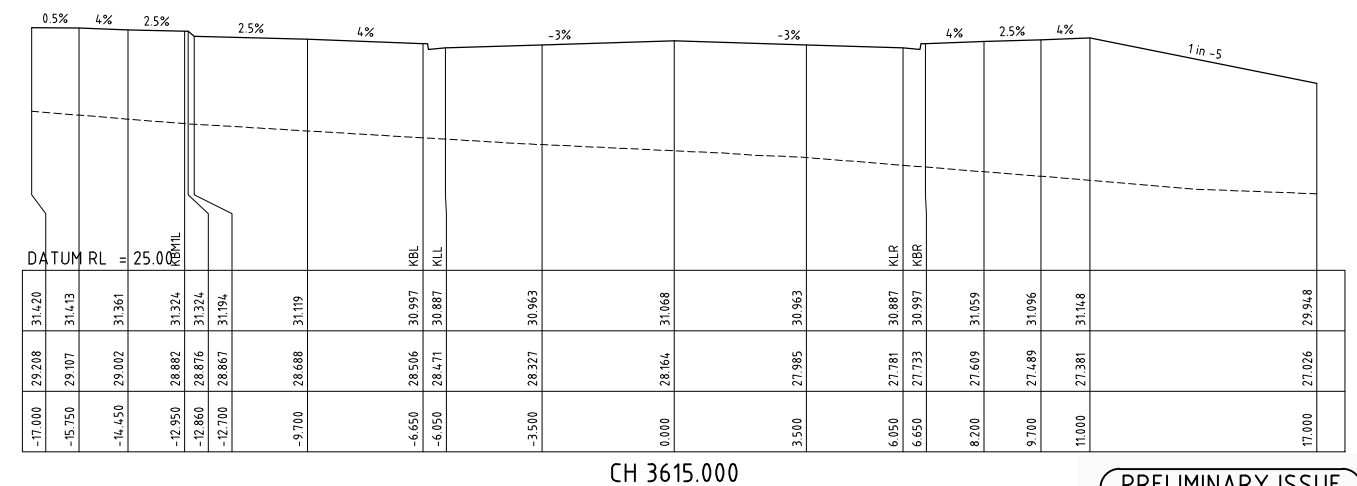
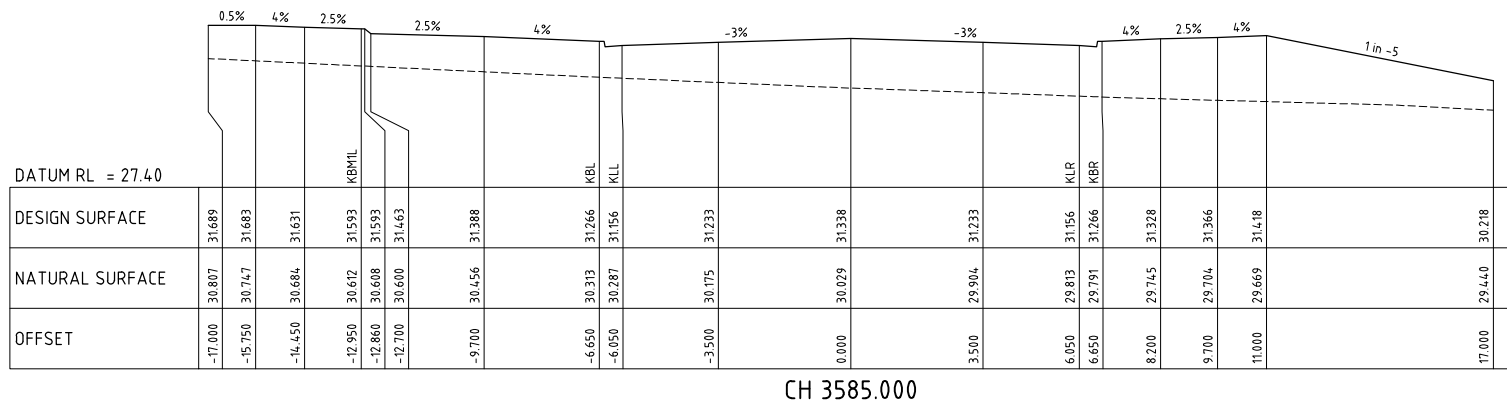
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ANAMBAH ROAD
ANAMBAH - DA1
ROAD TR2 CROSS SECTIONS (8 OF 15)

Project No
22311C

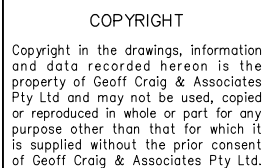
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4	GENERAL AMENDMENTS	A.M	I.H	28.04.25
2	CLIENT COMMENTS	JE	I.H	03.02.25
1	ORIGINAL ISSUE	JE	I.H	23.01.25
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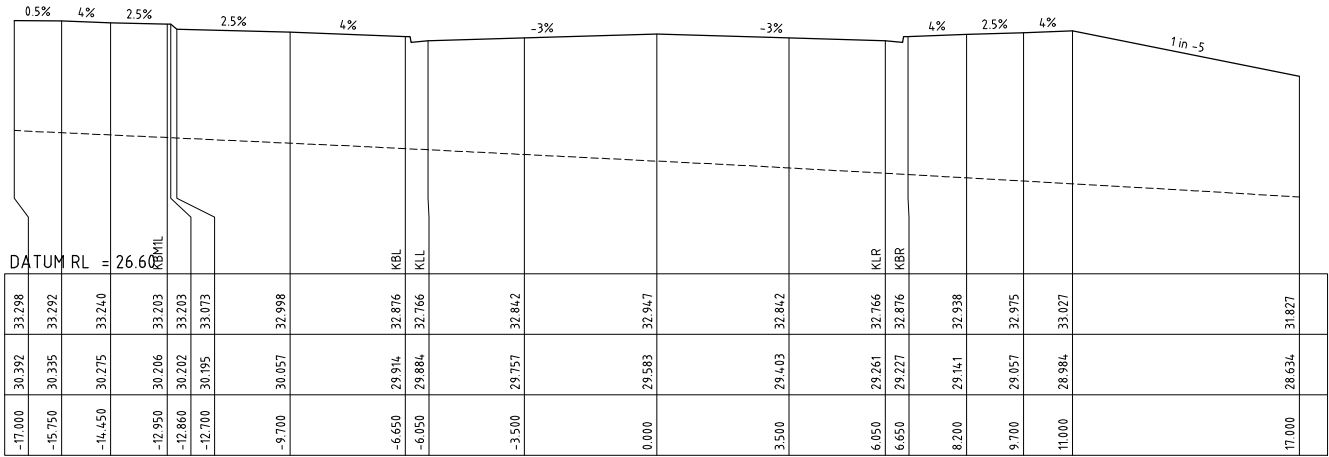


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Project Approval IAN HILL (B.E) Consulting Civil Engineer	

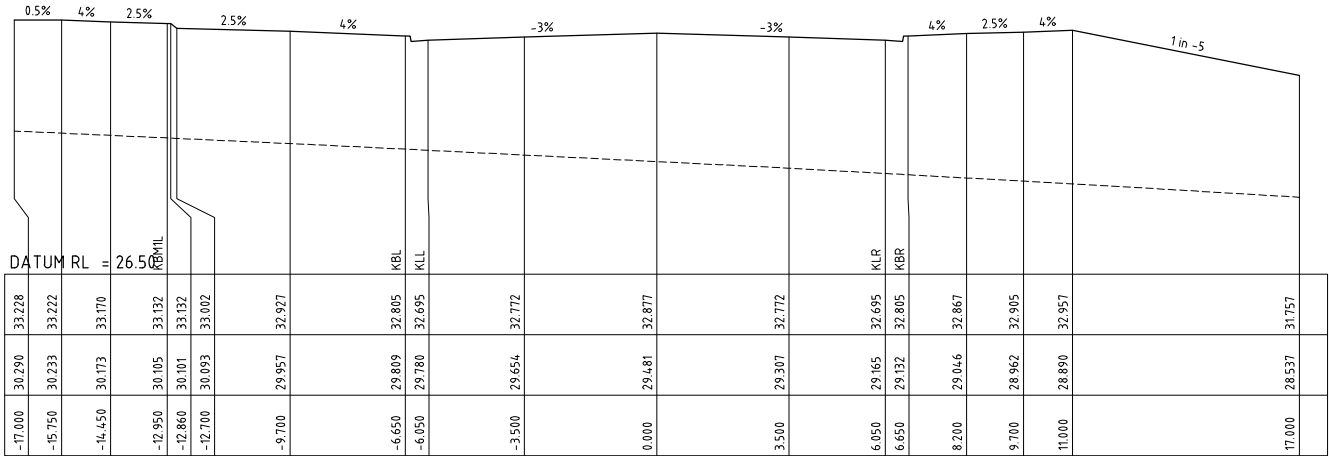
 **GCA**
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PO BOX 3337, THORNTON NSW 2322
PHONE: (02) 4964 1811

ANAMBAH URBAN RELEASE AREA
ANAMBAH ROAD
ANAMBAH - DA1
ROAD TR2 CROSS SECTIONS (10 OF 15)

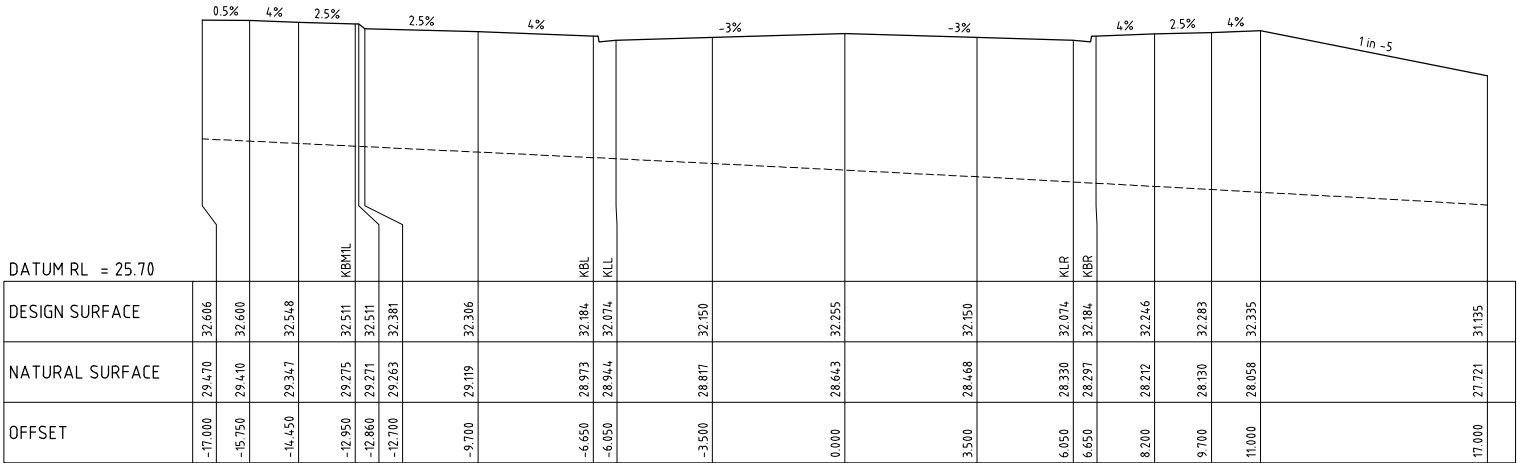
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Drawing No	Revision
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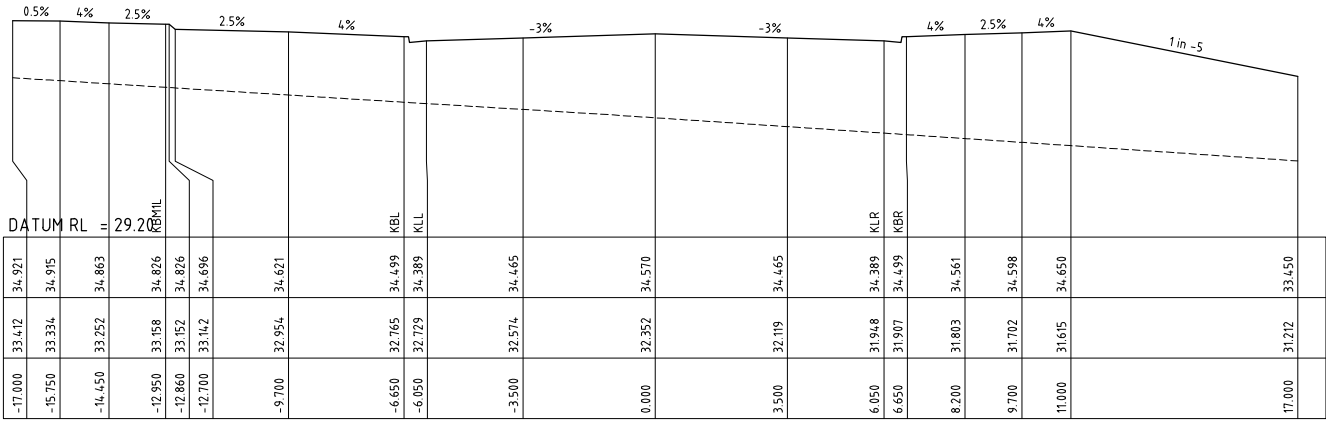
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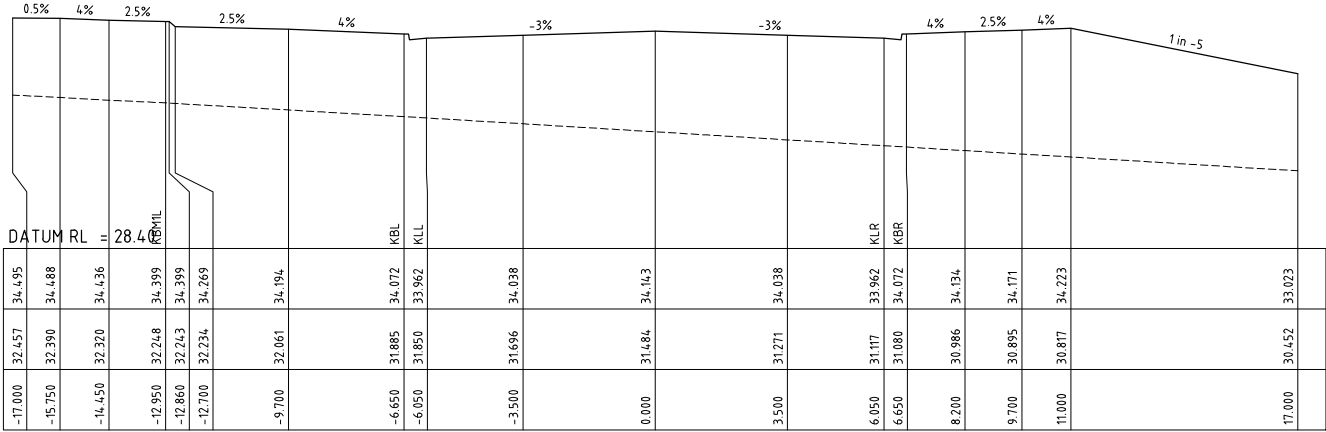
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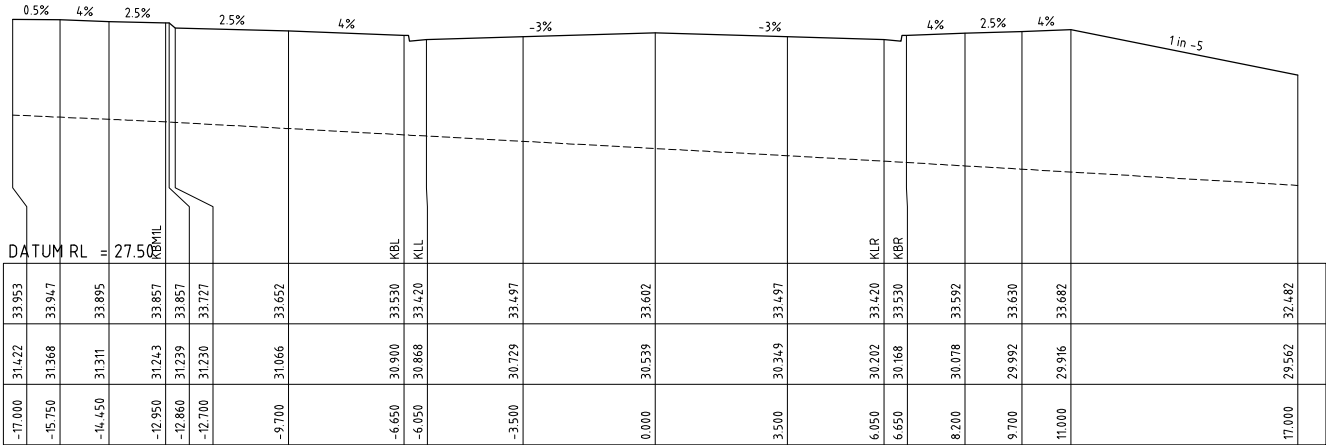
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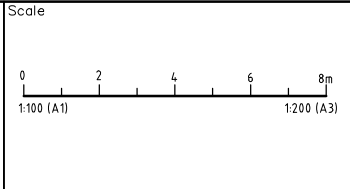


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PRELIMINARY ISSUE
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1	ORIGINAL ISSUE	JE	IH	23.01.25

North



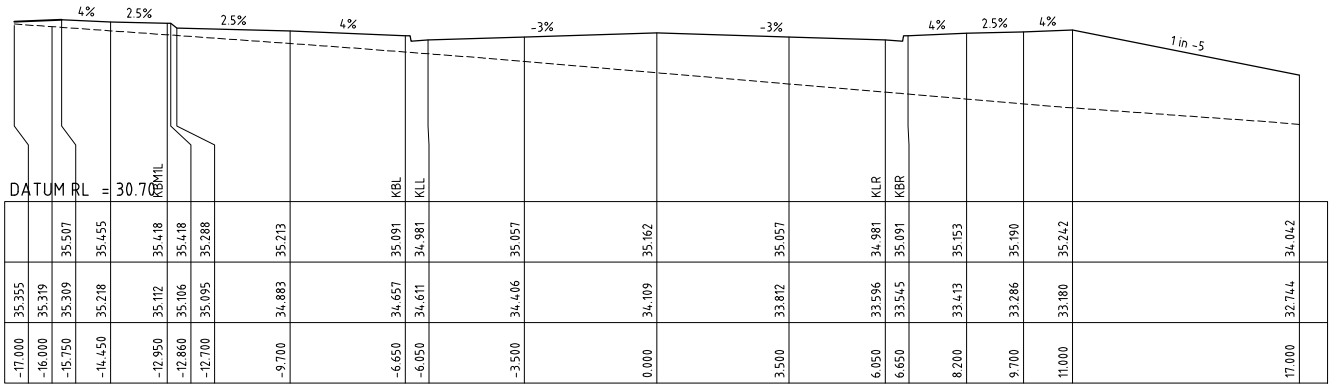
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Designed AM	Scale 1:100
Cad Reference 22311C dC324 r5	
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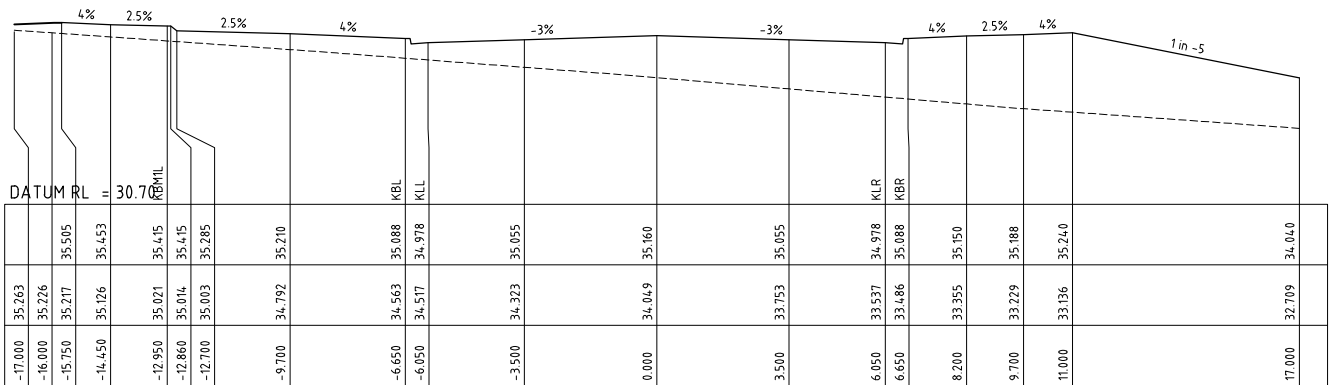
Client
DB20 PTY LTD



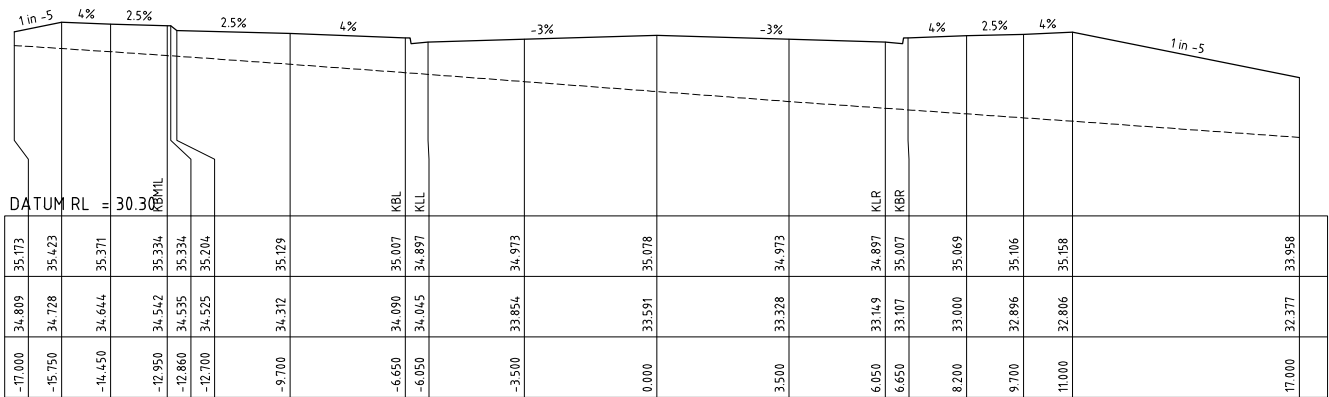
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Drawing No C324	Revision 5	
A1 SHEET		



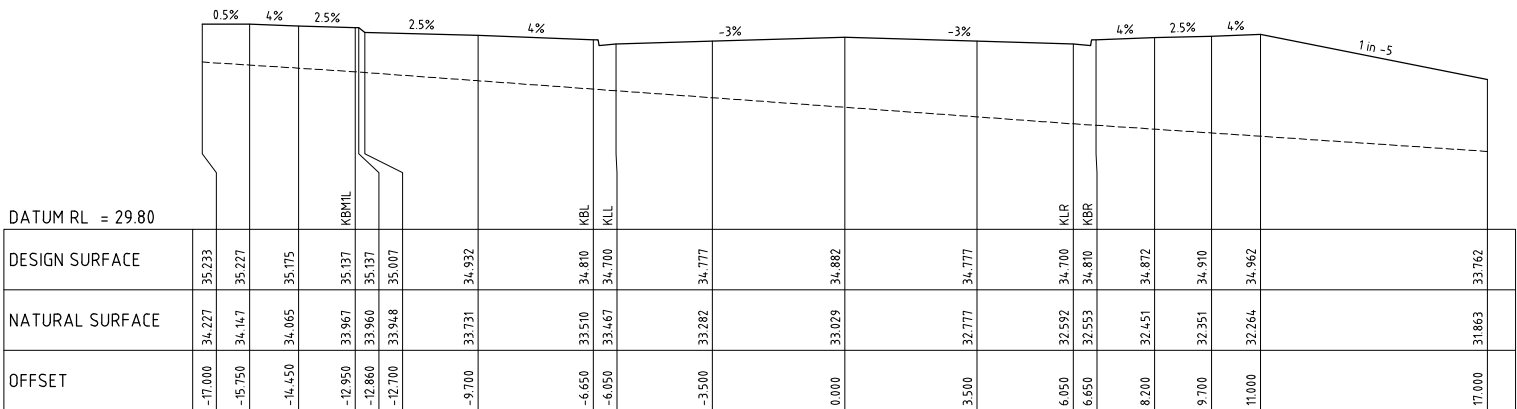
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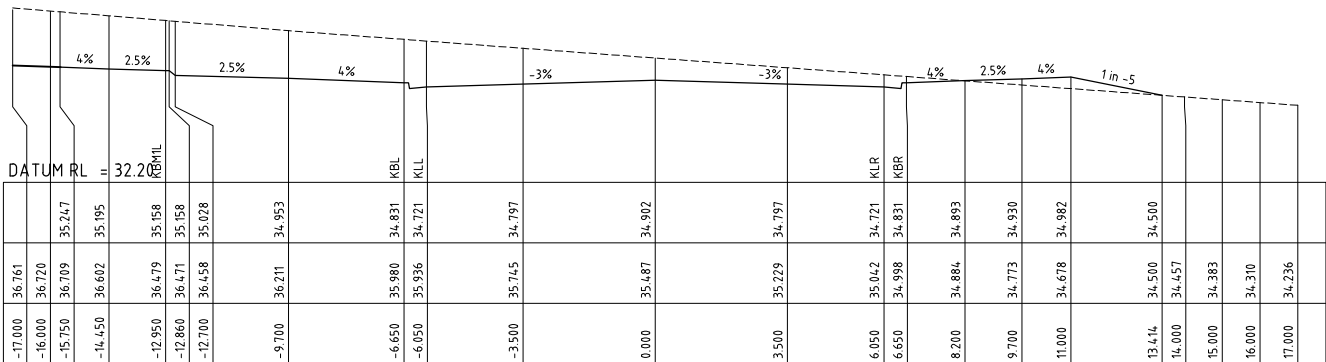
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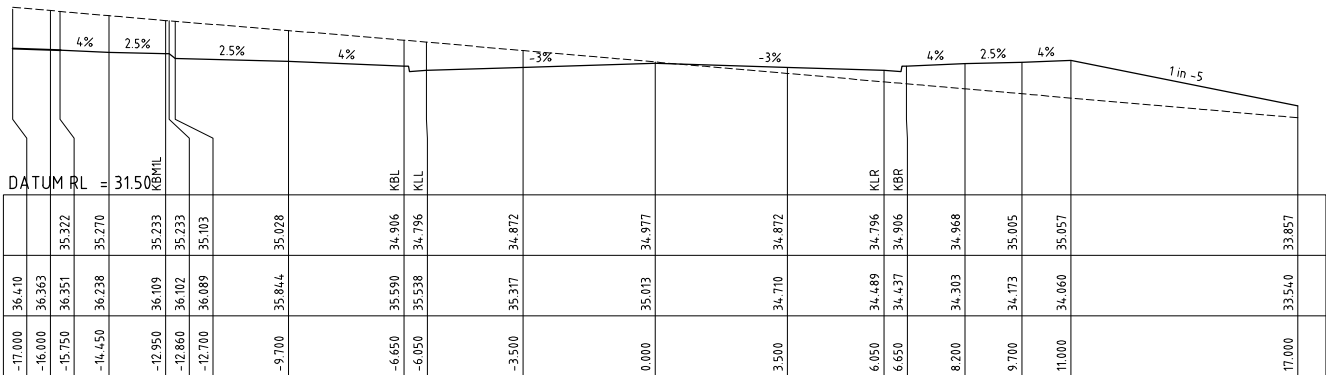
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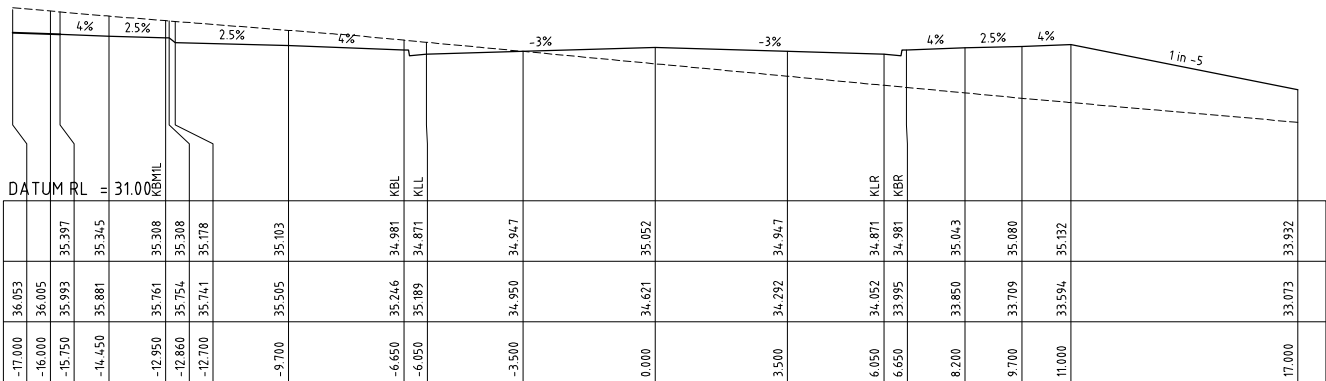
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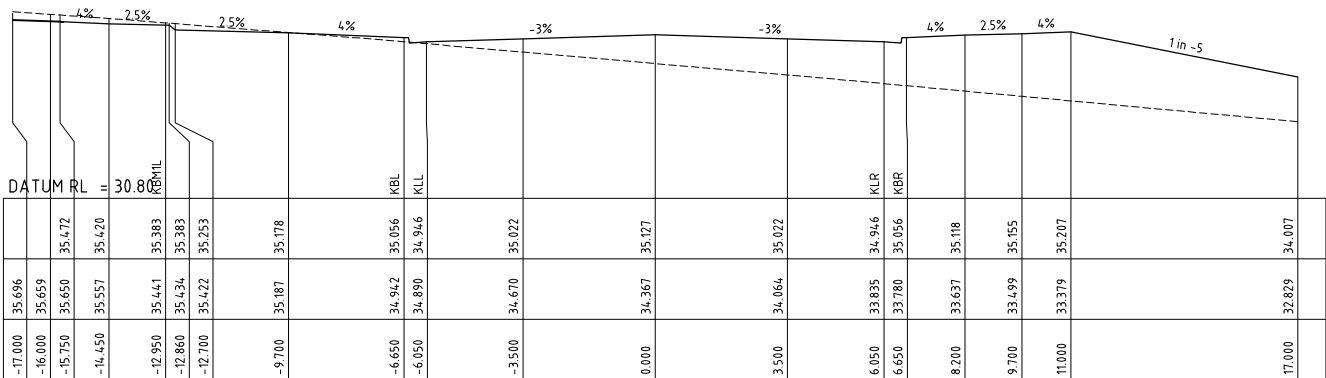
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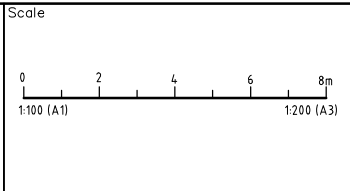
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CH 3780.000

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4	GENERAL AMENDMENTS	AM	IH	28.04.25
2	CLIENT COMMENTS	JE	IH	03.02.25
1	ORIGINAL ISSUE	JE	IH	23.01.25

North



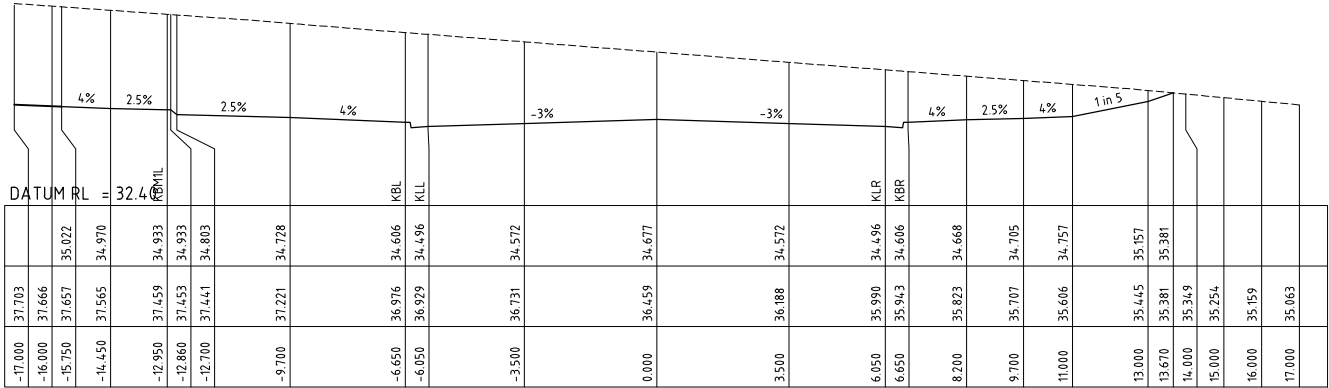
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Designed	Scale
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Project Approval	IAN HILL (B.E) Consulting Civil Engineer

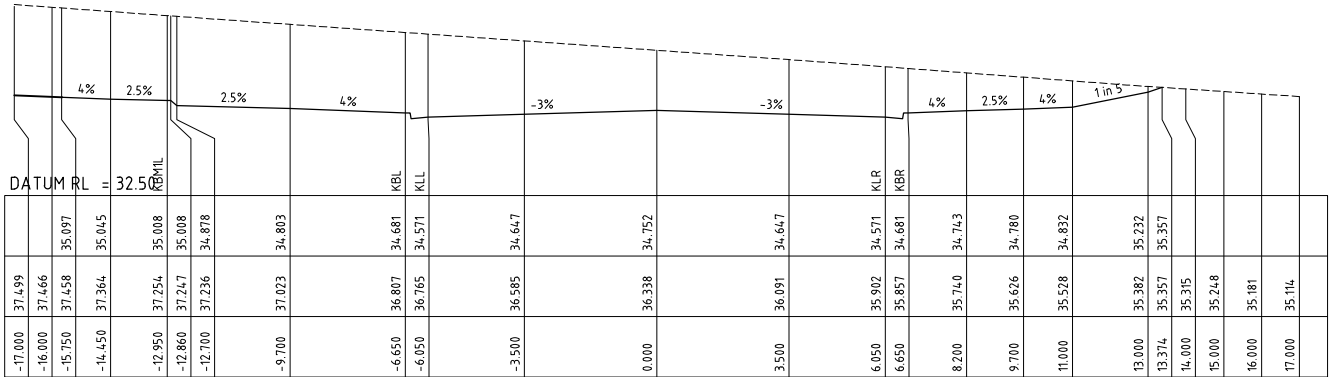
Client
DB20 PTY LTD



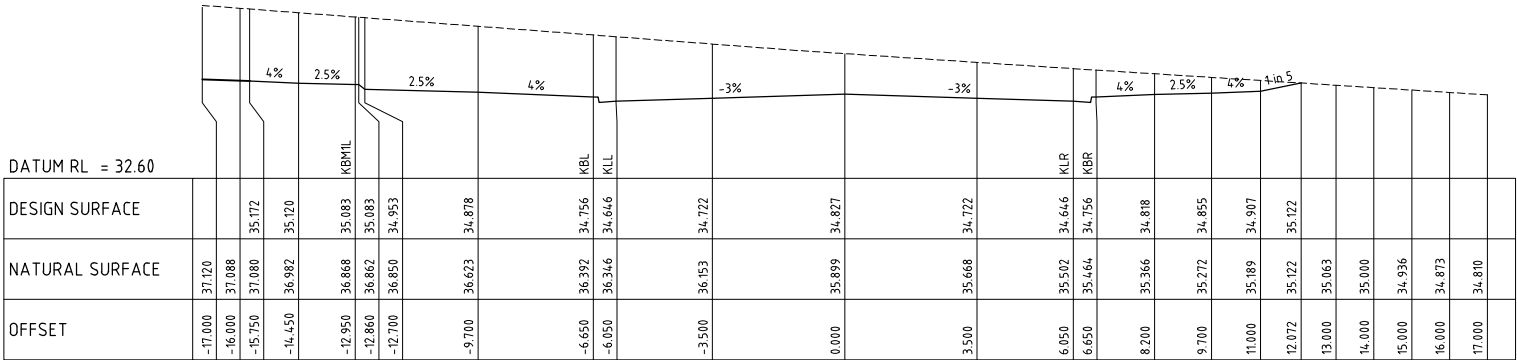
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Project No	22311C
Drawing No	C325
Revision	5
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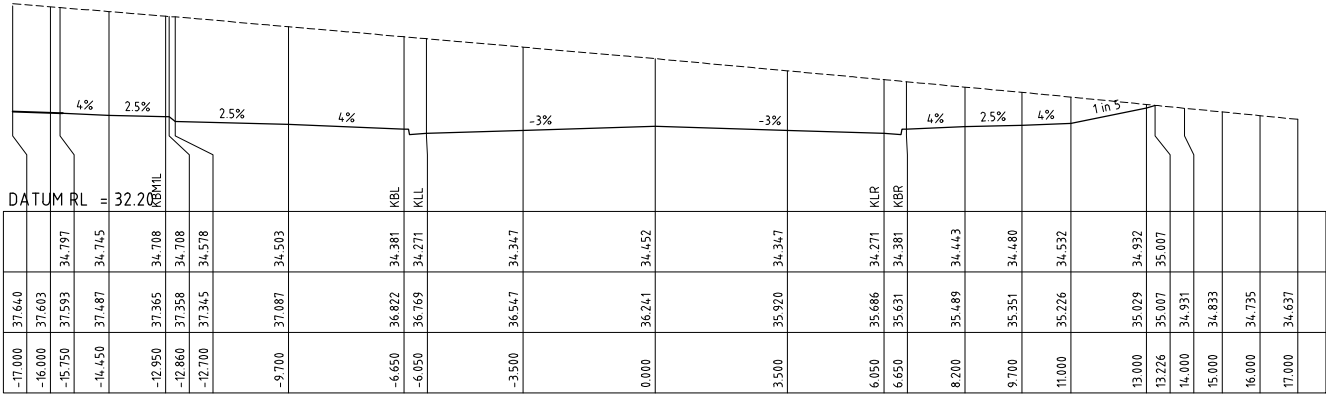
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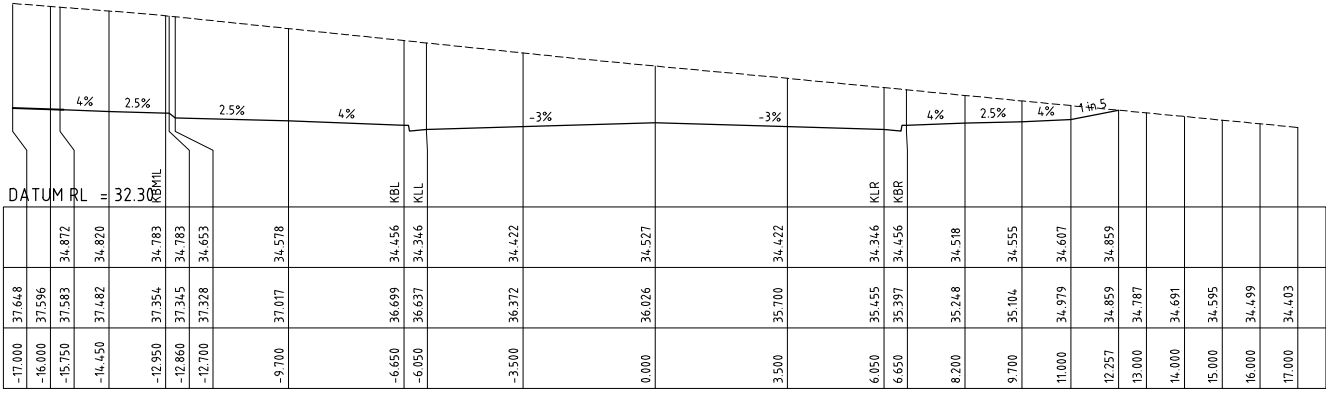
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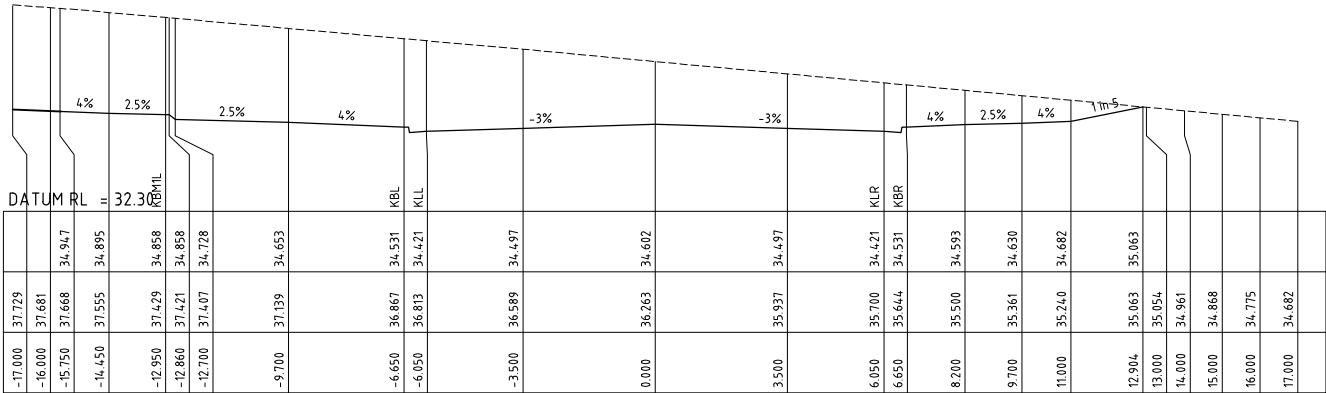
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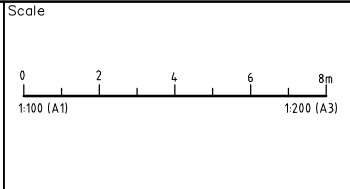
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REVISION	Description	Drawn	App'd	Date
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4	GENERAL AMENDMENTS	AM	IH	28.04.25
2	CLIENT COMMENTS	JE	IH	03.02.25
1	ORIGINAL ISSUE	JE	IH	23.01.25

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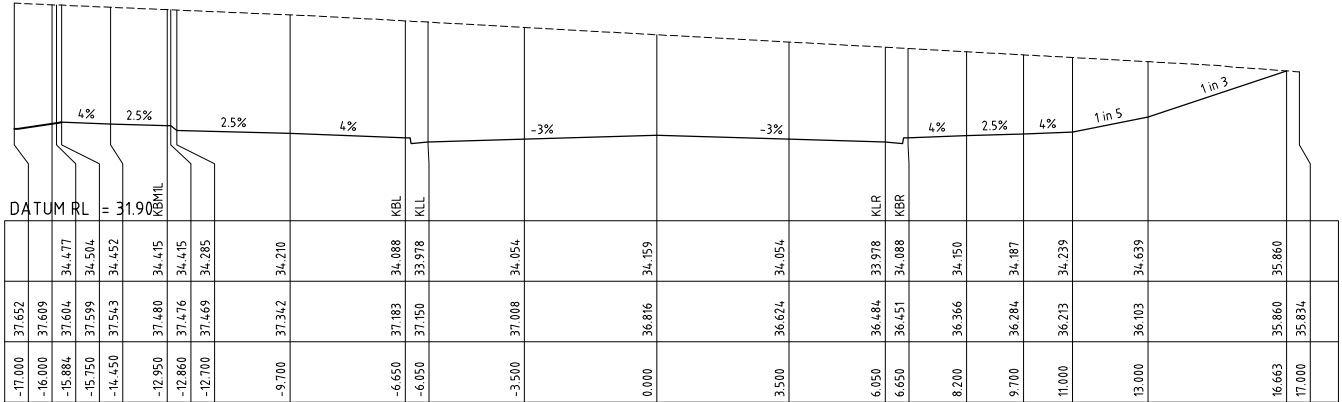
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DB20 PTY LTD

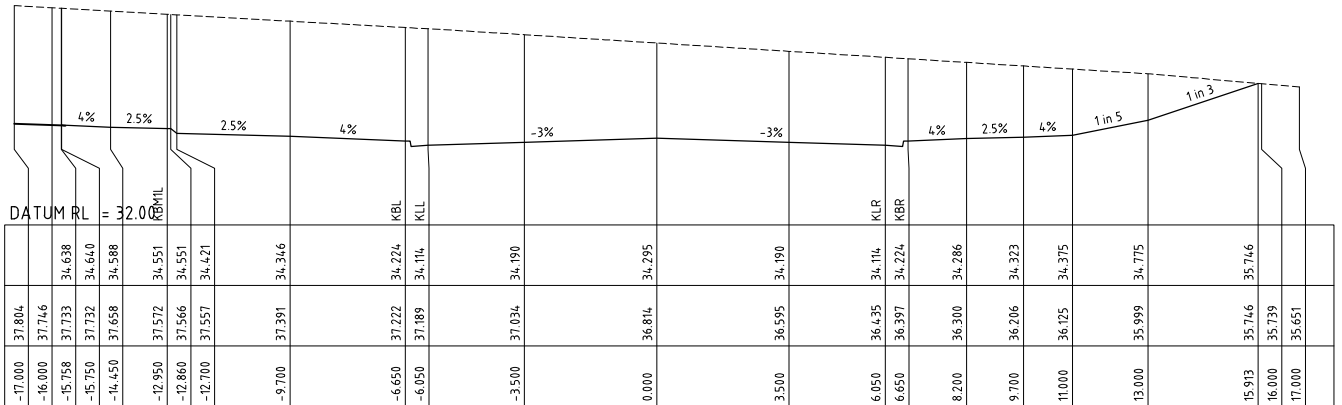


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ANAMBAH ROAD
ANAMBAH - DA1
ROAD TR2 CROSS SECTIONS (13 OF 15)

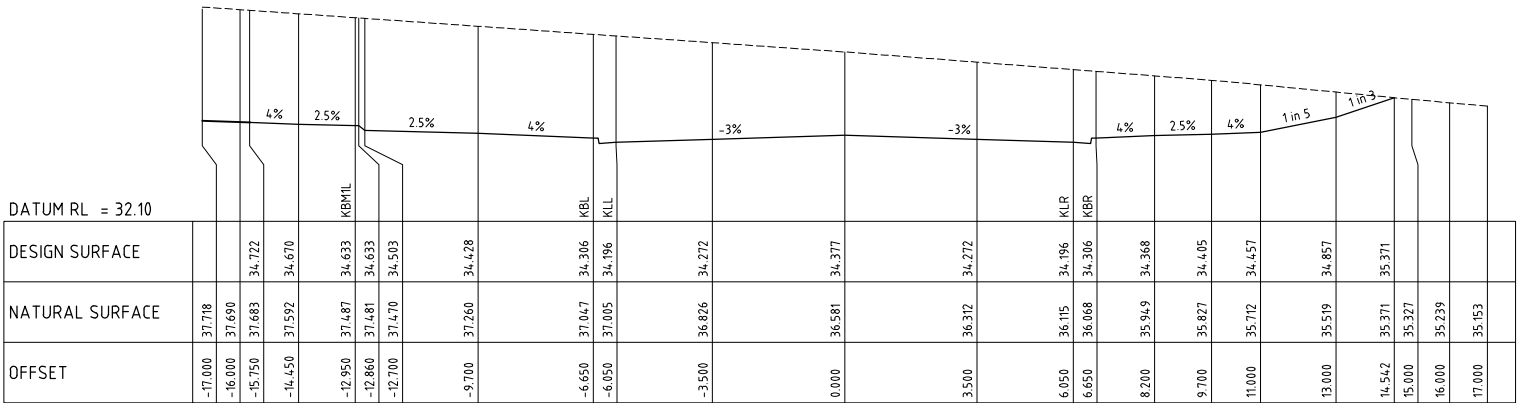
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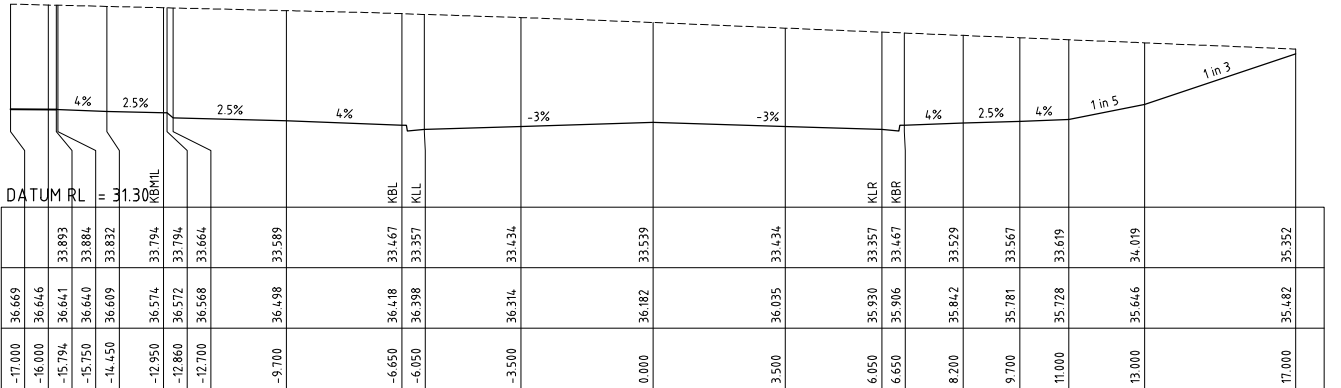
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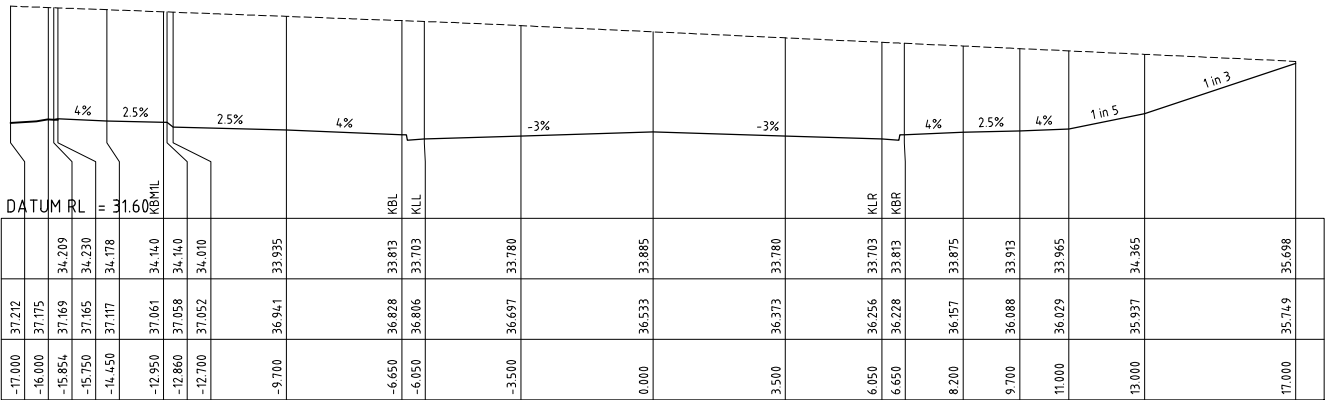
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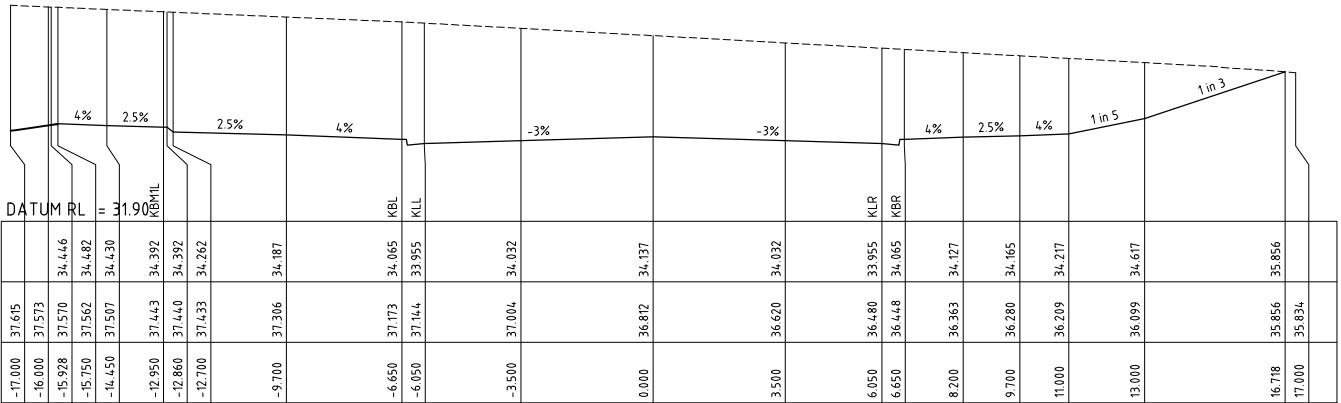
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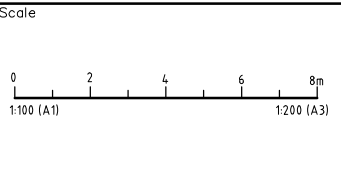


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CH 3960.000

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2	CLIENT COMMENTS	JE	IH	03.02.25
1	ORIGINAL ISSUE	JE	IH	23.01.25



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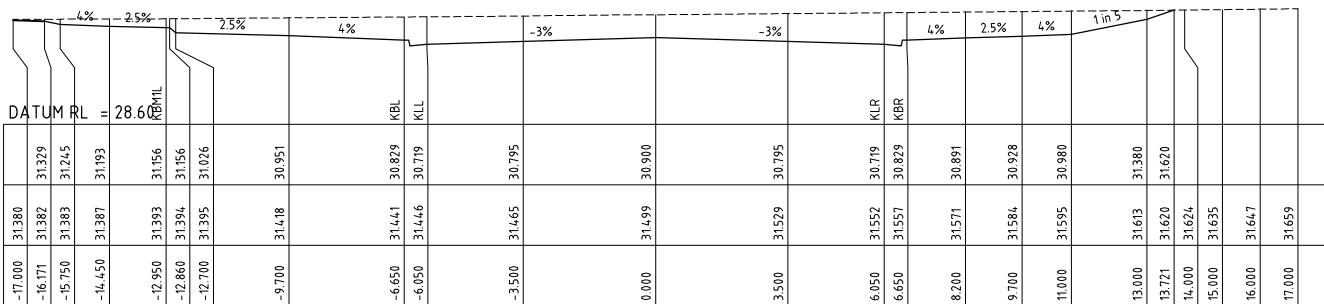
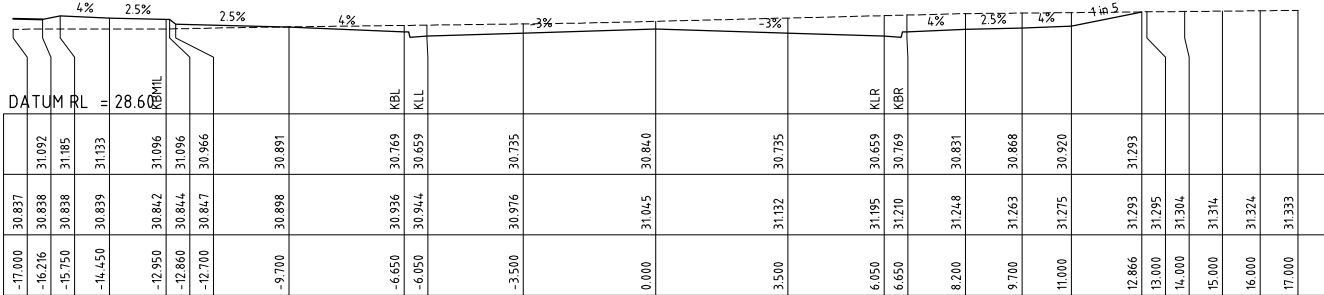
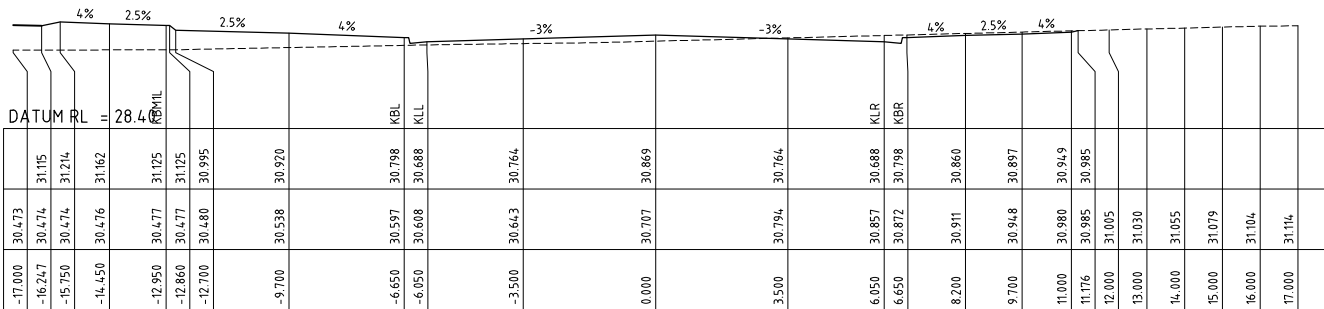
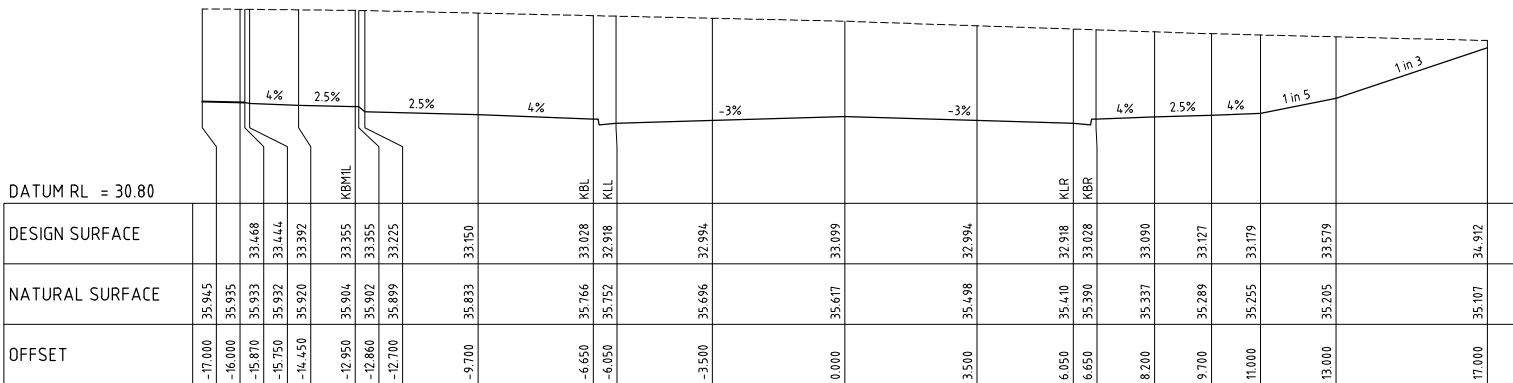
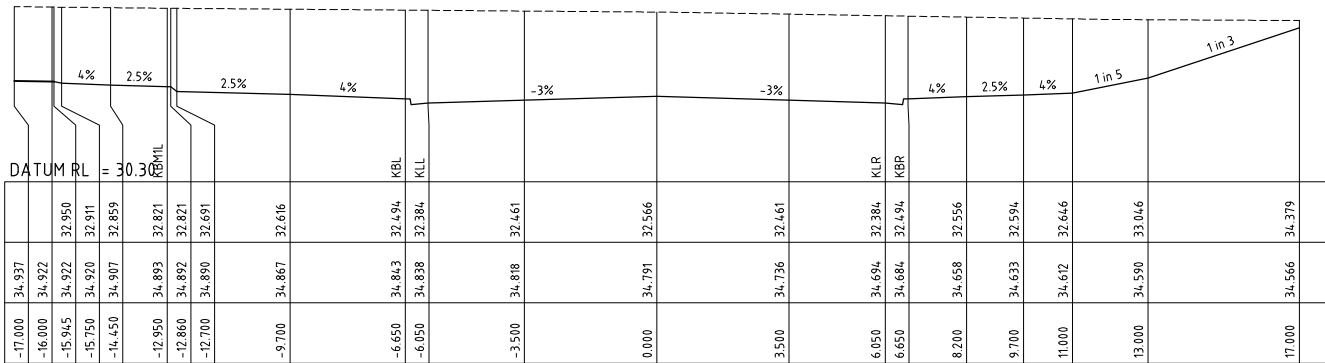
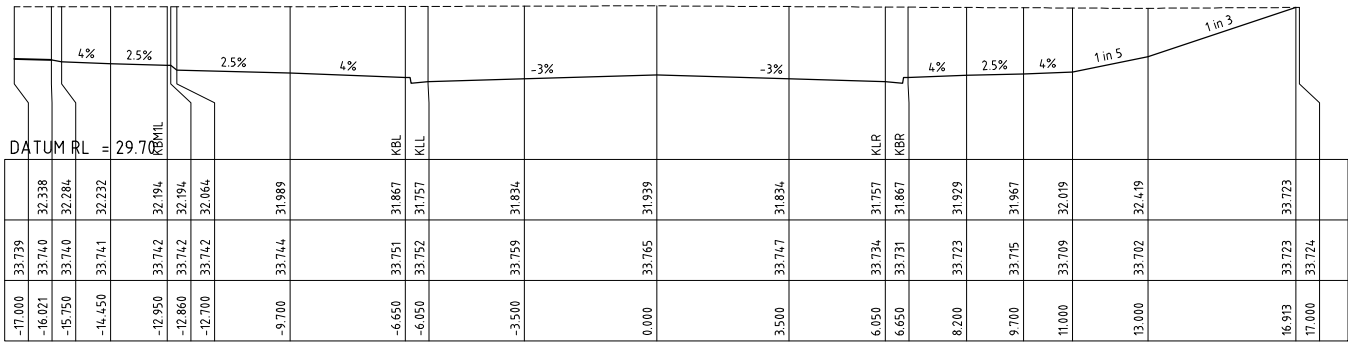
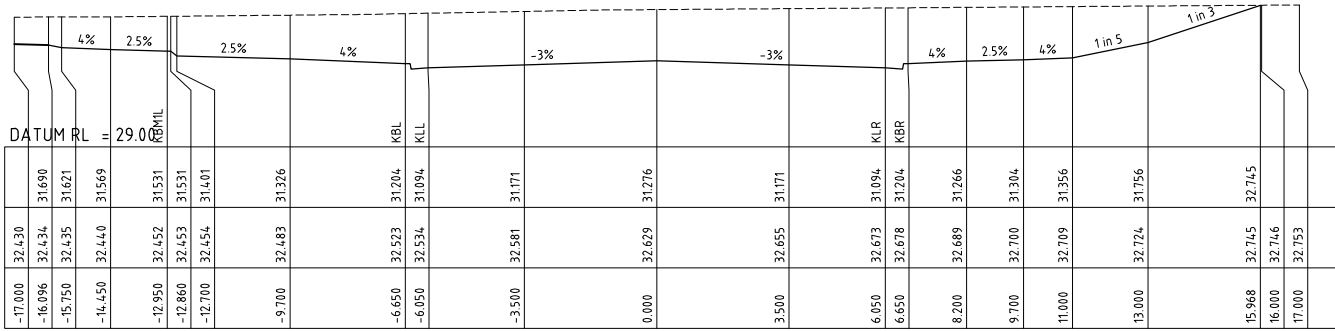
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Project Approval IAN HILL (B.E)
Consulting Civil Engineer

Client
DB20 PTY LTD



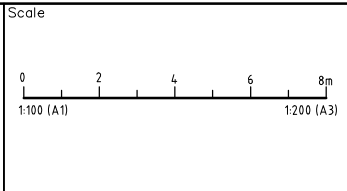
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ANAMBAH ROAD
ANAMBAH - DA1
ROAD TR2 CROSS SECTIONS (14 OF 15)
Project No 22311C
Drawing No C327
Revision 5
A1 SHEET

PRELIMINARY ISSUE
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REVISION	Description	Drawn	App'd	Date
5	GENERAL AMENDMENTS	AM	IH	19.05.25
4	GENERAL AMENDMENTS	AM	IH	28.04.25
2	CLIENT COMMENTS	JE	IH	03.02.25
1	ORIGINAL ISSUE	JE	IH	23.01.25

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AM	1:100
Cad Reference	22311C dC328 r5
Project Approval	IAN HILL (B.E.) Consulting Civil Engineer

Client

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ANAMBAH URBAN RELEASE AREA

ANAMBAH ROAD

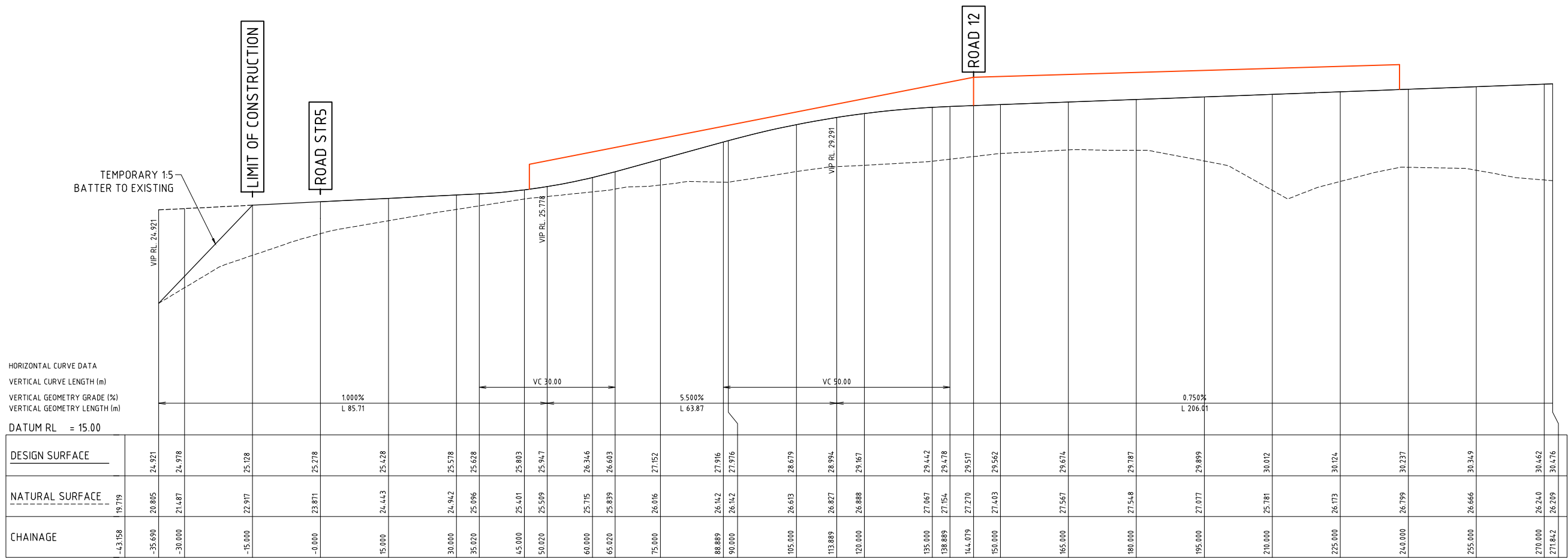
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ROAD TR2 CROSS SECTIONS (15 OF 15)

Project No	Revision
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Drawing No	Revision
C328	5
A1 SHEET	



PROPOSED ROAD STR2/4 (ROAD 1) INTERSECTION SIGHT DISTANCE

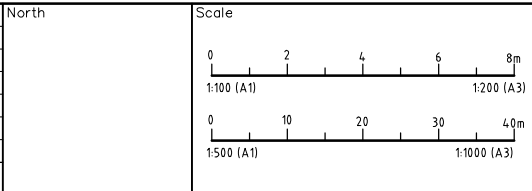


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LONGITUDINAL SECTION STR 2 4

PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

REVISION	Description	Drawn	App'd	Date
5	GENERAL AMENDMENTS	AM	IH	19.05.25
4	GENERAL AMENDMENTS	AM	IH	28.04.25
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1	ORIGINAL ISSUE	JE	IH	23.01.25

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Designed AM	Scale 1:500H/1:100V
Cad Reference 22311C dC329 r5	
Project Approval IAN HILL (B.E) Consulting Civil Engineer	

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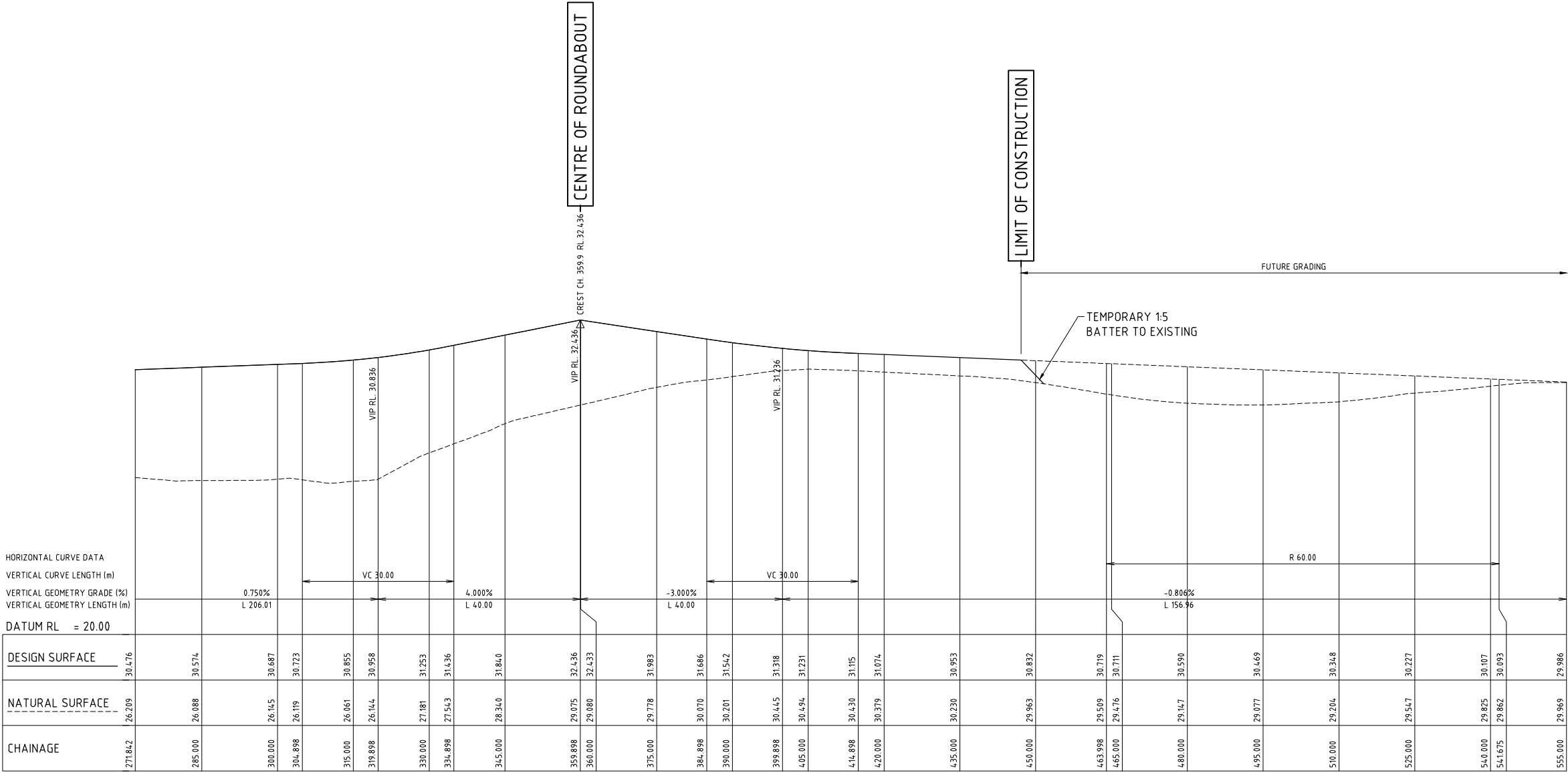


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PHONE: (02) 4964 1811





ANAMBAH URBAN RELEASE AREA ANAMBAH ROAD ANAMBAH - DA1	
ROAD STR2/4 (ROAD 1) LONG SECTION (1 OF 2)	

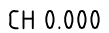
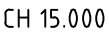
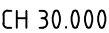
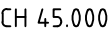
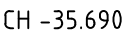
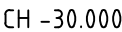
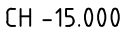
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Drawing No	Revision
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A1 SCALE: HORIZONTAL 1:500, VERTICAL 1:100
LONGITUDINAL SECTION STR 2/4

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5	GENERAL AMENDMENTS	AM	I.H	19.05.25					Copyright in the drawings, information and data recorded hereon is the property of Geoff Craig & Associates Pty Ltd and may not be used, copied or reproduced in whole or part for any purpose other than that for which it is supplied without the prior consent of Geoff Craig & Associates Pty Ltd.		Cad Reference 22311C dC330 r5		Project Approval		DB20 PTY LTD				ROAD STR2/4 (ROAD 1) LONG SECTION (2 OF 2)		Drawing No C330		Revision 5	
4	GENERAL AMENDMENTS	AM	I.H	28.04.25							IAN HILL (B.E) Consulting Civil Engineer													
2	CLIENT COMMENTS	JE	I.H	03.02.25																				
1	ORIGINAL ISSUE	JE	I.H	23.01.25																				
REVISION		Description		Drawn	App'd	Date													A1 SHEET					



Project No
22311C

Drawing No	Revision
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31

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Scale

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Project Approval IAN HILL (B.E) Consulting Civil Engineer	

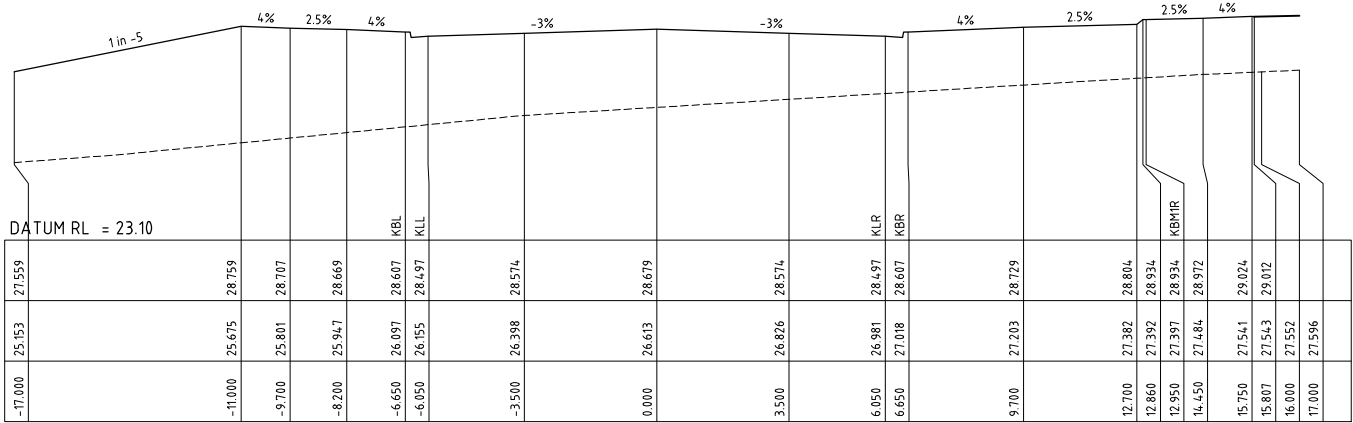
Client

DB20 PTY LTD

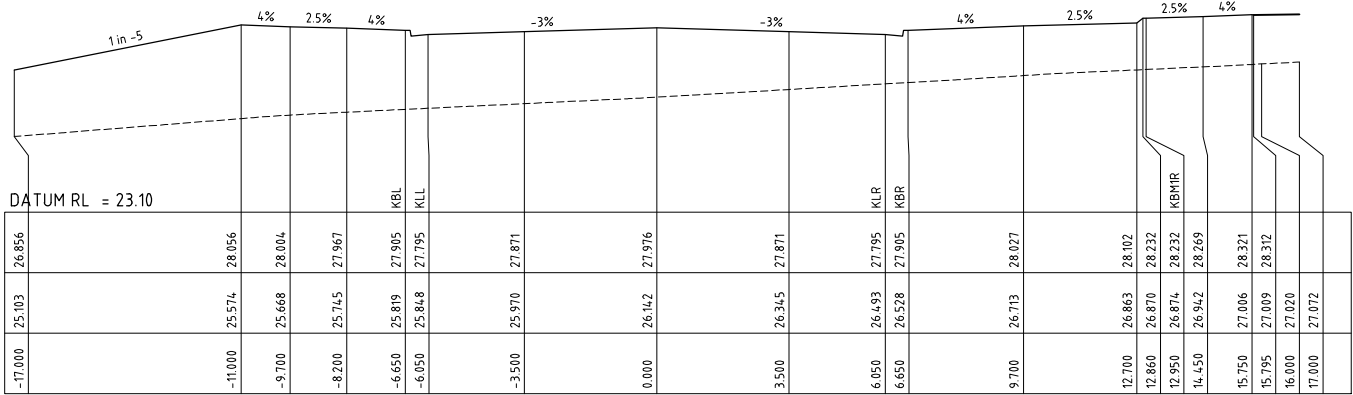


ANAMBAH URBAN RELEASE AREA
ANAMBAH ROAD
ANAMBAH - DA1

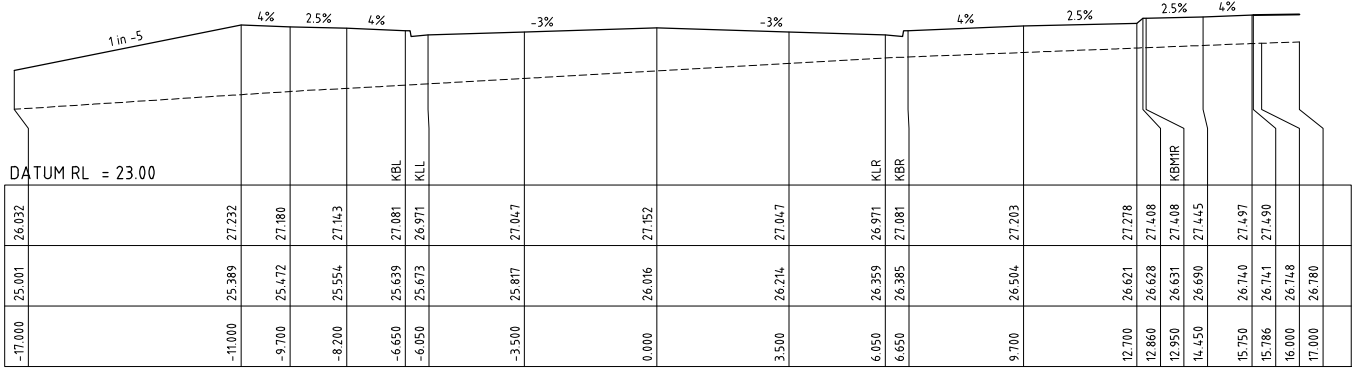
ROAD STR2/4 (ROAD 1) CROSS SECTIONS (1 OF 4)



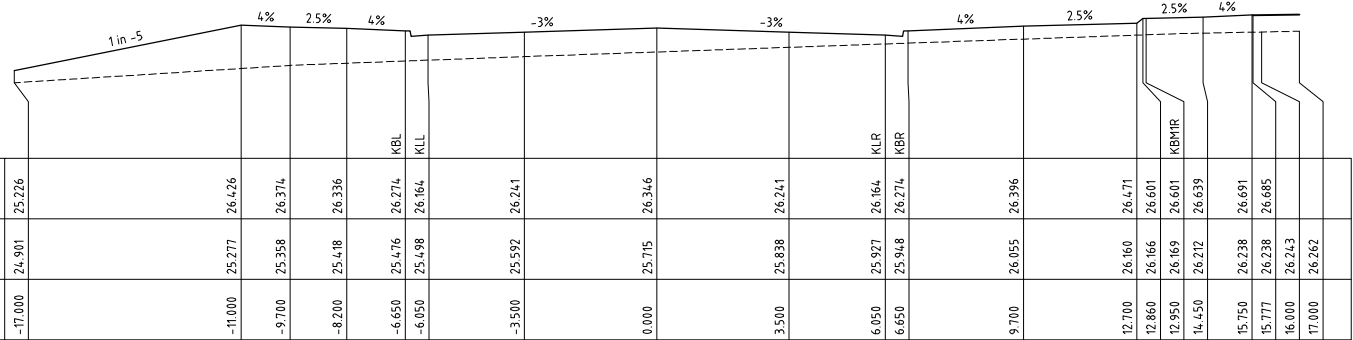
CH 105.000



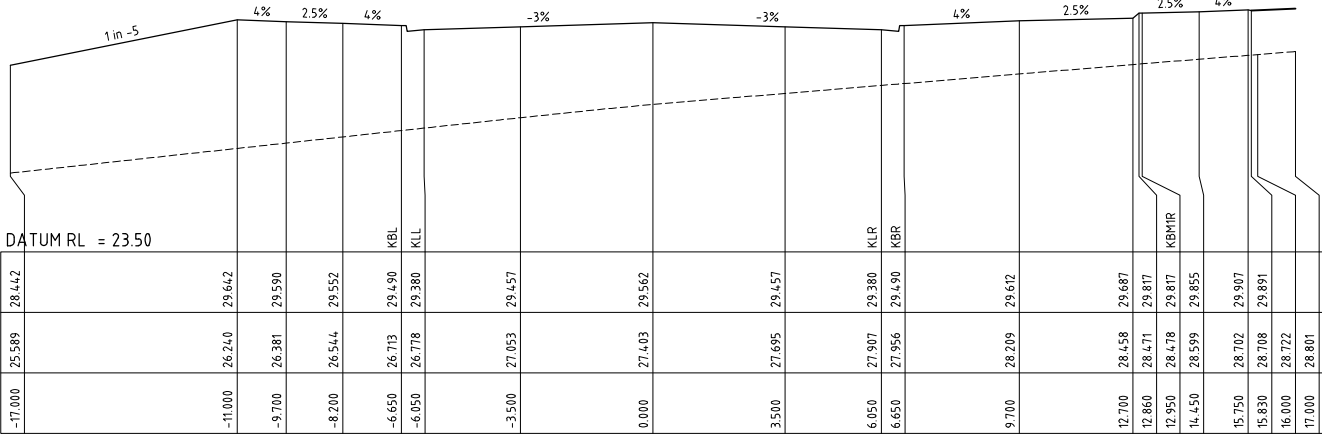
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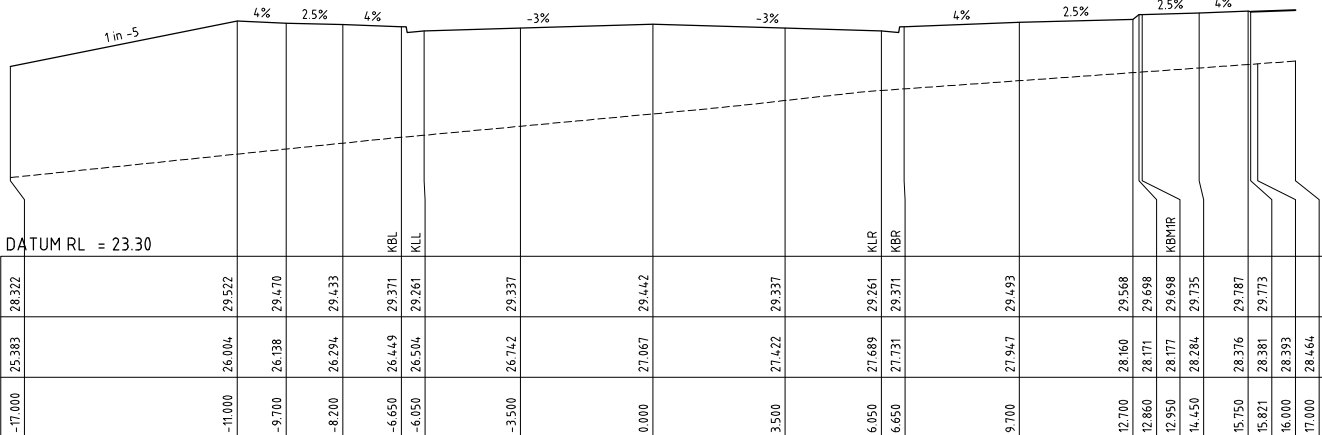
CH 75.000



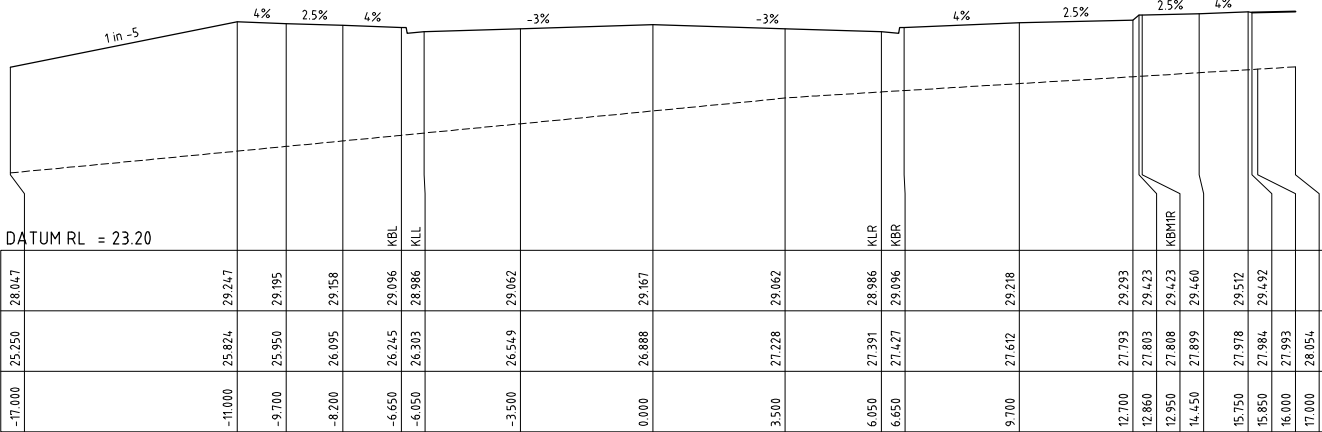
CH 60.000



CH 150.000



CH 135.000

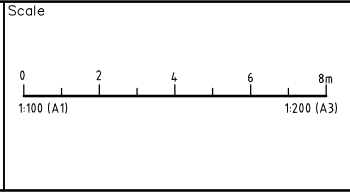


CH 120.000

PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

REVISION	Description	Drawn	App'd	Date
5	GENERAL AMENDMENTS	AM	IH	19.05.25
4	GENERAL AMENDMENTS	AM	IH	28.04.25
2	CLIENT COMMENTS	JE	IH	03.02.25
1	ORIGINAL ISSUE	JE	IH	23.01.25

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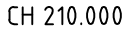
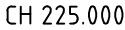
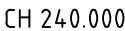
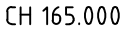
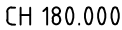
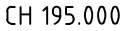
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Cad Reference 22311C dC332 r5	
Project Approval IAN HILL (B.E) Consulting Civil Engineer	

Client
DB20 PTY LTD

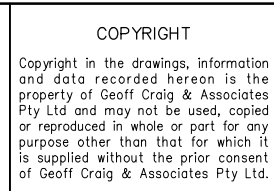
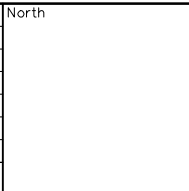


ANAMBAH URBAN RELEASE AREA
ANAMBAH ROAD
ANAMBAH - DA1
ROAD STR2/4 (ROAD 1) CROSS SECTIONS (2 OF 4)

Project No 22311C	
Drawing No C332	Revision 5
A1 SHEET	

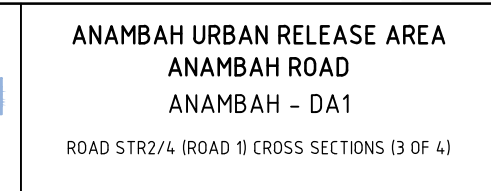


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4	GENERAL AMENDMENTS	A.M	I.H	28.04.25
2	CLIENT COMMENTS	J.E	I.H	03.02.25
1	ORIGINAL ISSUE	J.E	I.H	23.01.25
REVISION	Description	Drawn	App'd	Date

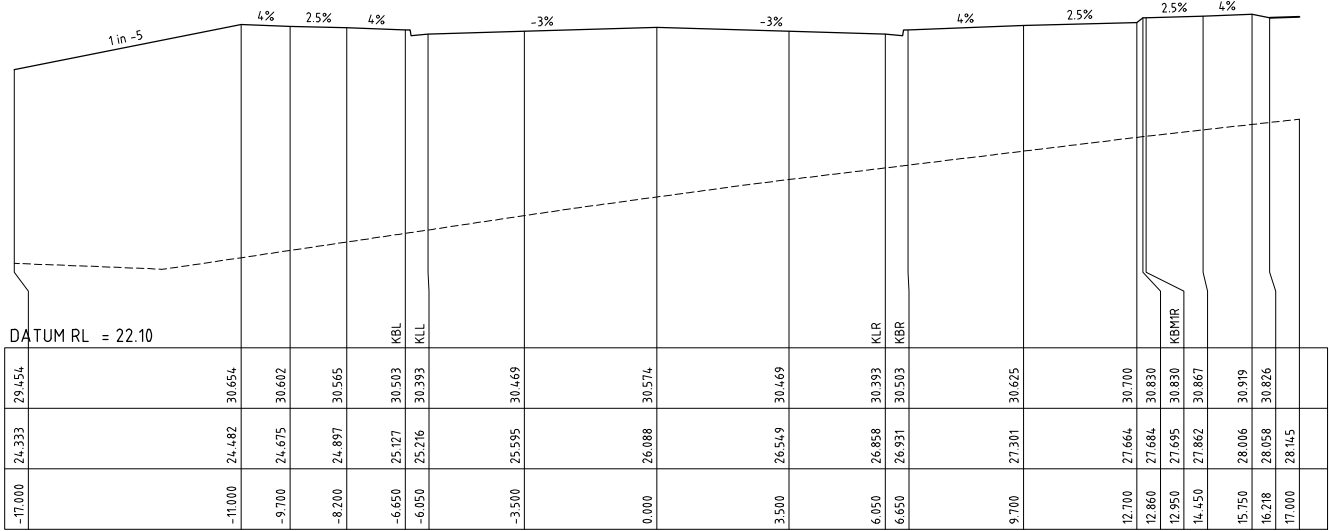


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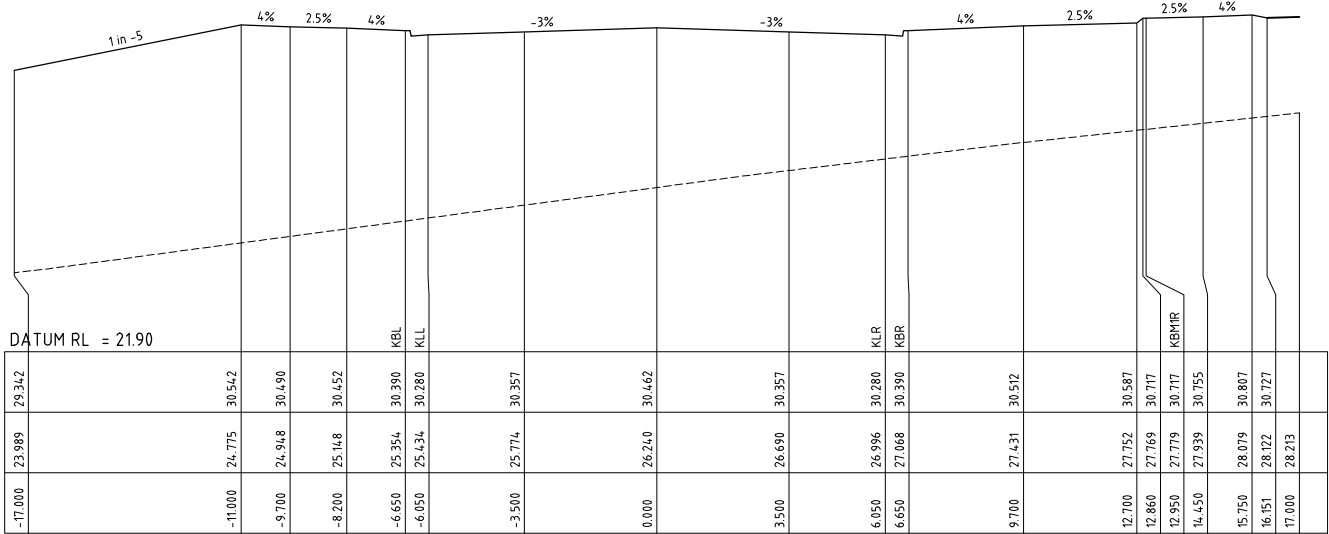
DB20 PTY LTD



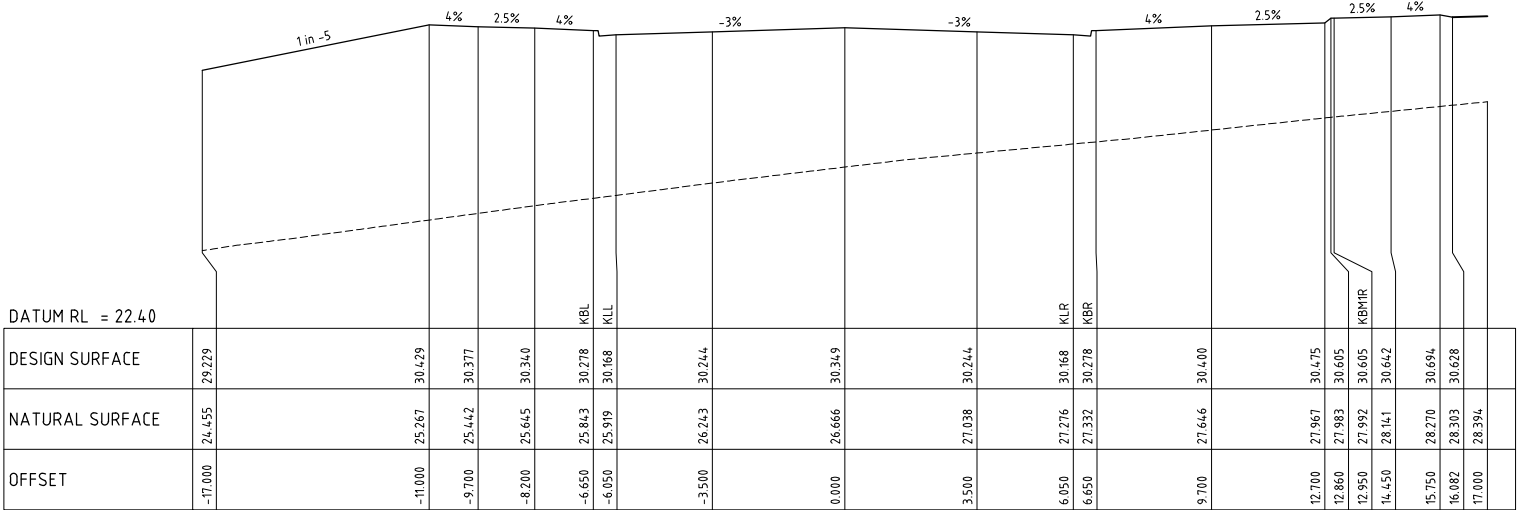
Project No		22311C	
Drawing No		Revision	
C333		5	
A1 SHEET			



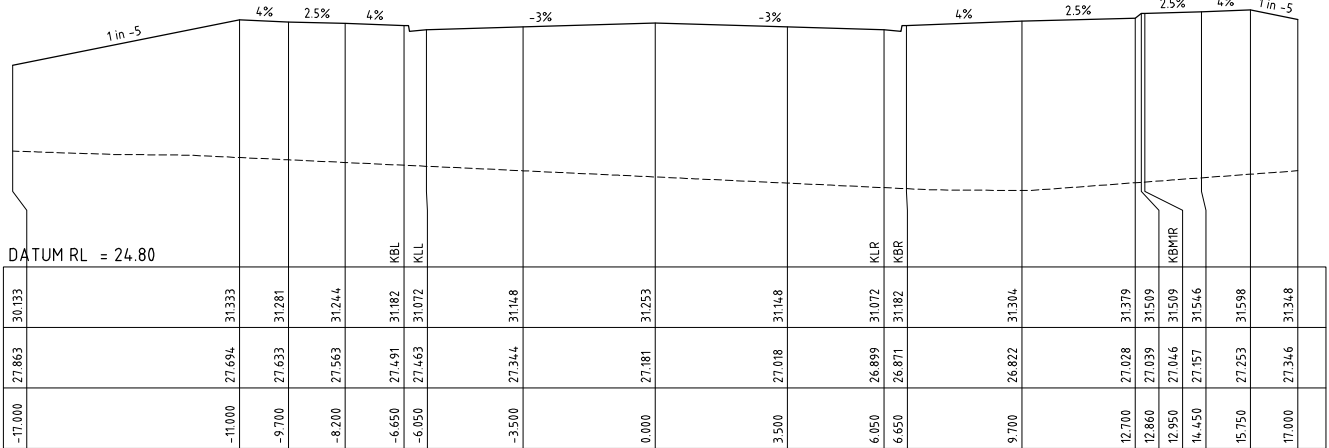
CH 285.000



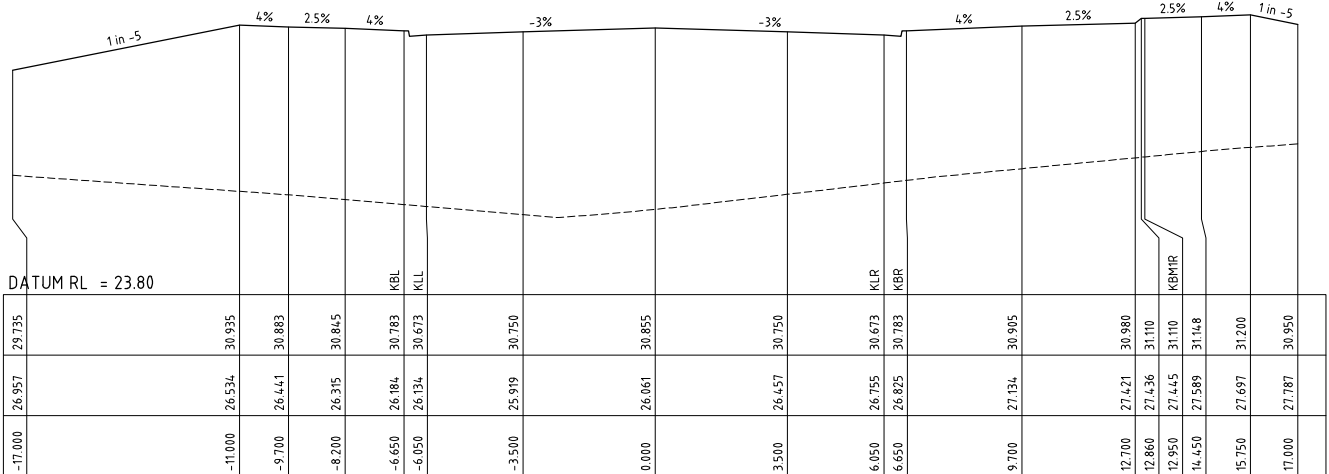
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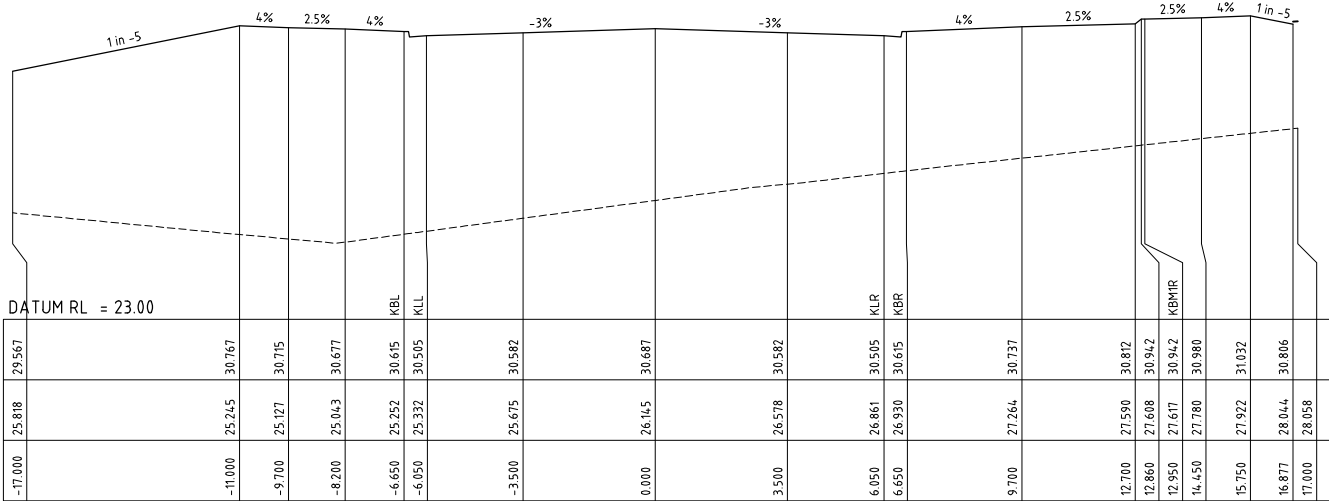
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CH 330.000



CH 315.000

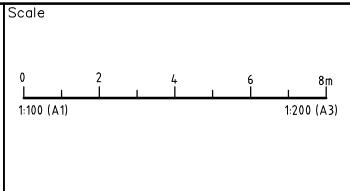


CH 300.000

PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

REVISION	Description	Drawn	App'd	Date
5	GENERAL AMENDMENTS	AM	IH	19.05.25
4	GENERAL AMENDMENTS	AM	IH	28.04.25
2	CLIENT COMMENTS	JE	IH	03.02.25
1	ORIGINAL ISSUE	JE	IH	23.01.25

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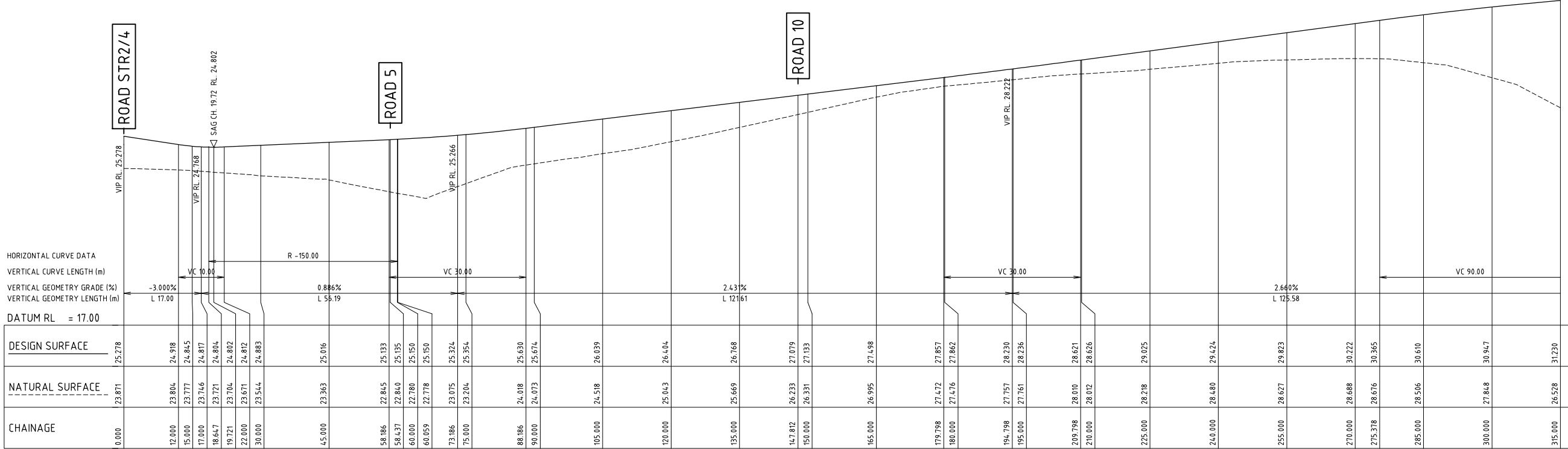
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Cad Reference 22311C dC334 r5	
Project Approval IAN HILL (B.E) Consulting Civil Engineer	

Client
DB20 PTY LTD



ANAMBAH URBAN RELEASE AREA
ANAMBAH ROAD
ANAMBAH - DA1
ROAD STR2/4 (ROAD 1) CROSS SECTIONS (4 OF 4)

Project No 22311C	Drawing No C334	Revision 5
A1 SHEET		

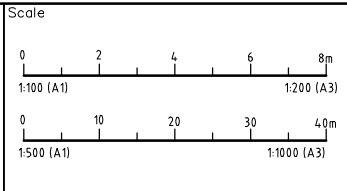


A1 SCALE: HORIZONTAL 1:500, VERTICAL 1:100
LONGITUDINAL SECTION ROAD STR5 DA1

PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

REVISION	Description	Drawn	App'd	Date
5	GENERAL AMENDMENTS	AM	IH	19.05.25
4	GENERAL AMENDMENTS	AM	IH	28.04.25
2	CLIENT COMMENTS	JE	IH	03.02.25
1	ORIGINAL ISSUE	JE	IH	23.01.25

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Designed AM	Scale 1:500H/1:100V
Cad Reference 22311C dC335 r5	
Project Approval IAN HILL (B.E) Consulting Civil Engineer	

Client

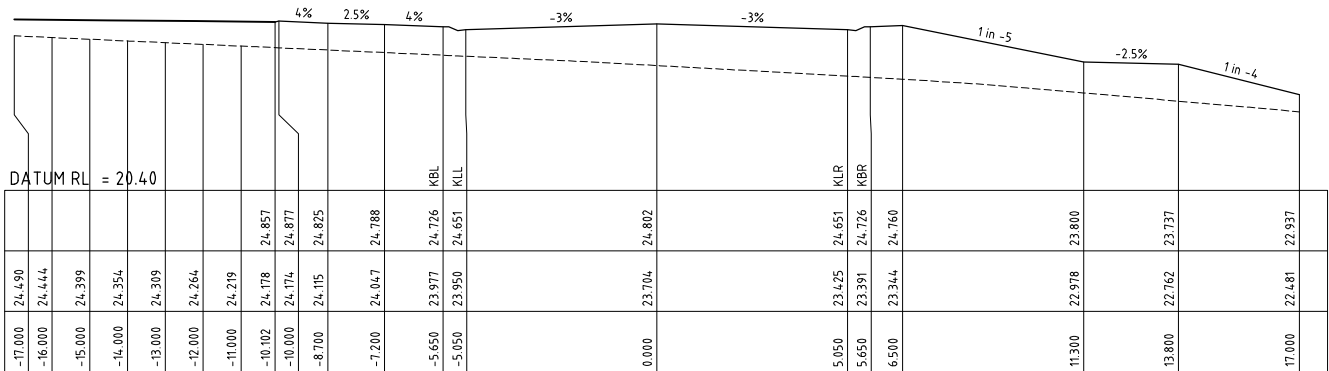
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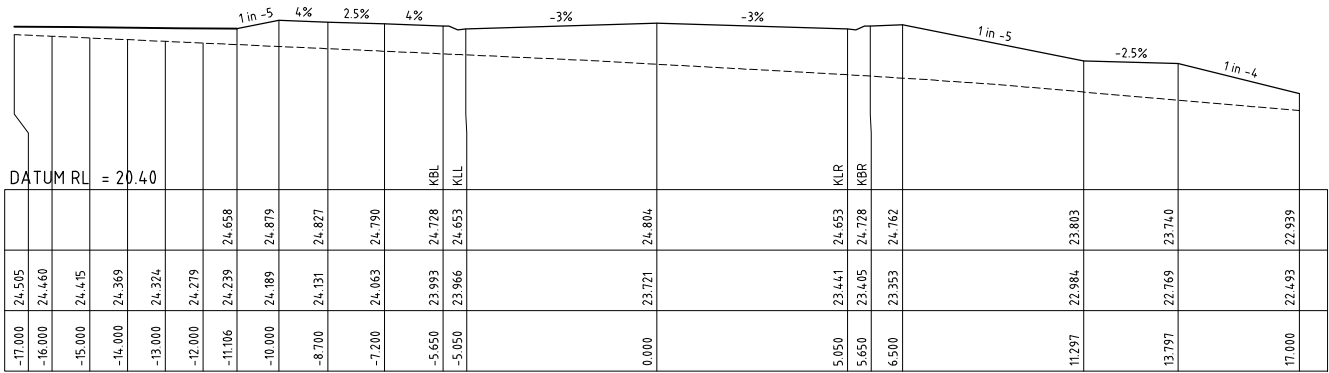
A.B.N. 92 086 017 745
1 HARTLEY DRIVE, THORNTON NSW 2322
PO BOX 3337, THORNTON NSW 2322
PHONE: (02) 4964 1811

ANAMBAH URBAN RELEASE AREA
ANAMBAH ROAD
ANAMBAH - DA1
ROAD STR5 (ROAD 2) LONG SECTION (1 OF 2)

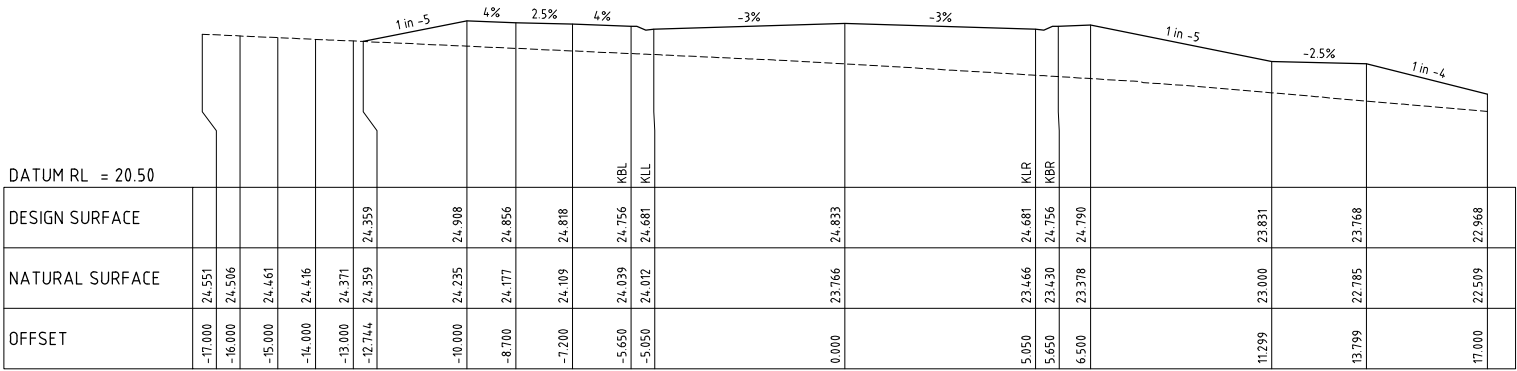
Project No 22311C	Drawing No C335	Revision 5
A1 SHEET		



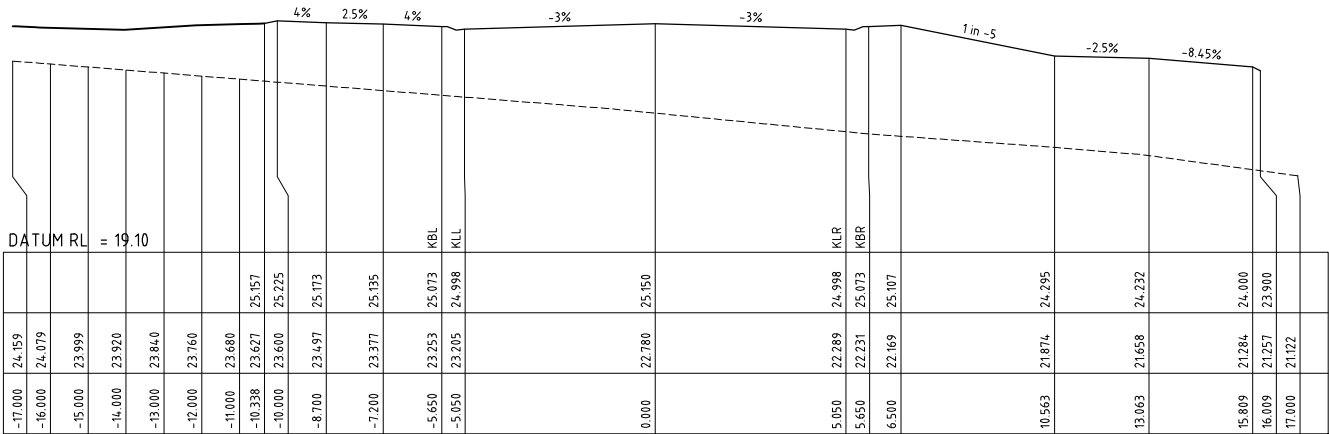
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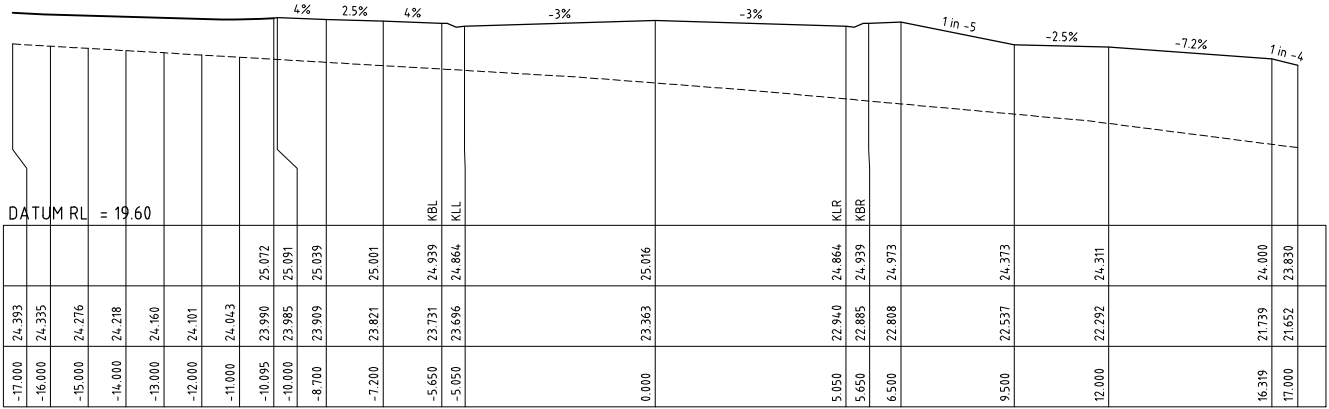
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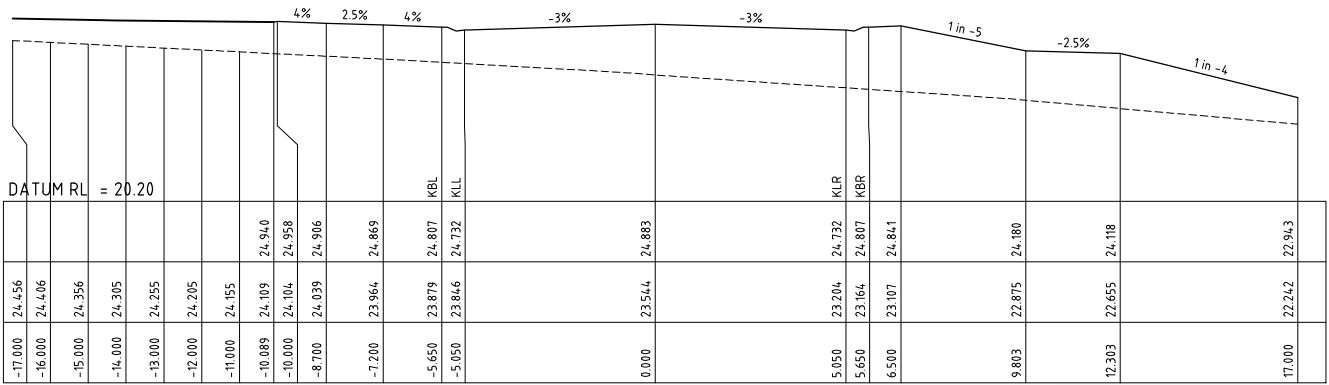
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CH 60.000



CH 45.000

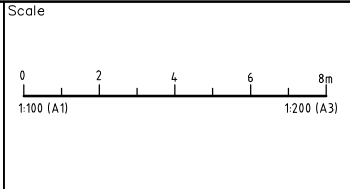


CH 30.000

PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

REVISION	Description	Drawn	App'd	Date
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4	GENERAL AMENDMENTS	AM	IH	28.04.25
2	CLIENT COMMENTS	JE	IH	03.02.25
1	ORIGINAL ISSUE	JE	IH	23.01.25

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Designed AM	Scale 1:100
Cad Reference 22311C dC337 r5	
Project Approval IAN HILL (B.E) Consulting Civil Engineer	

Client

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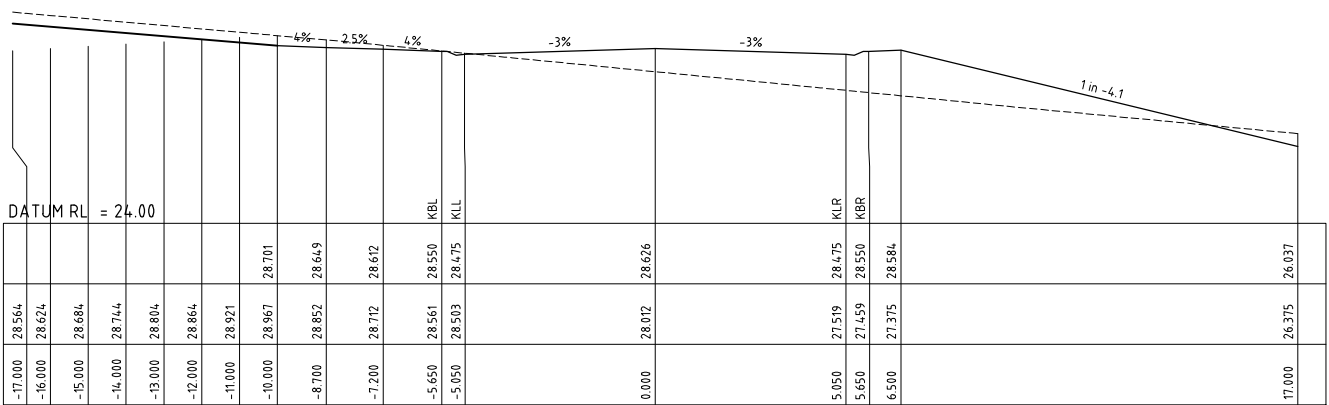
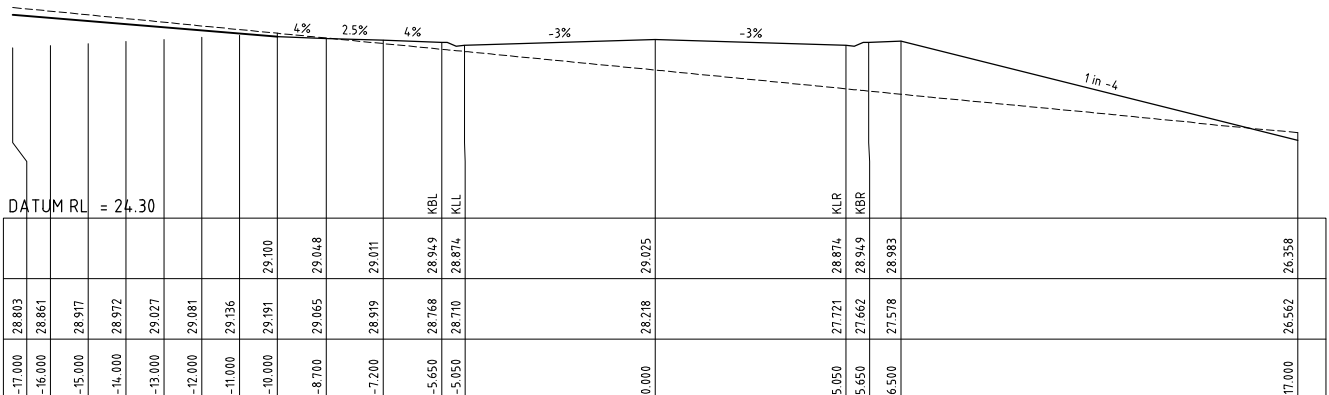
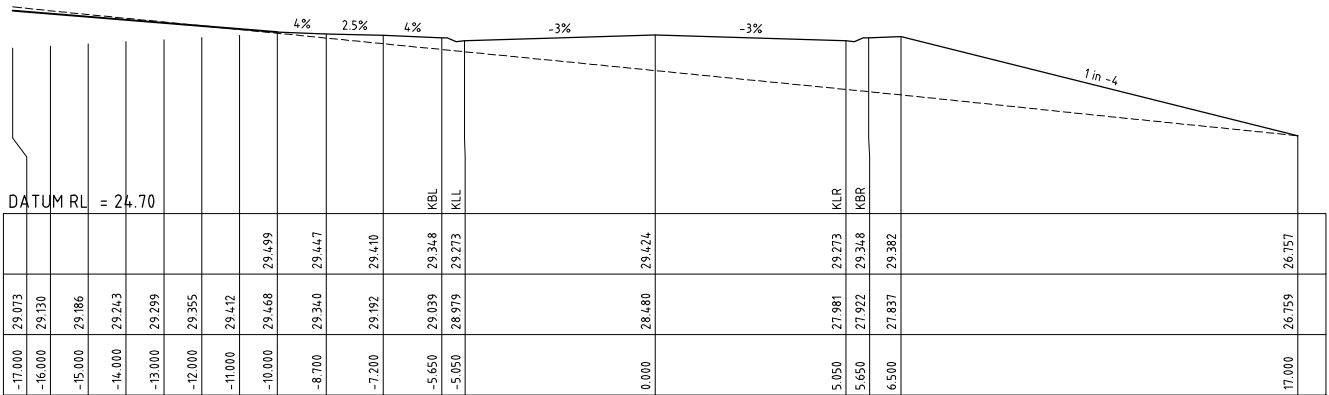
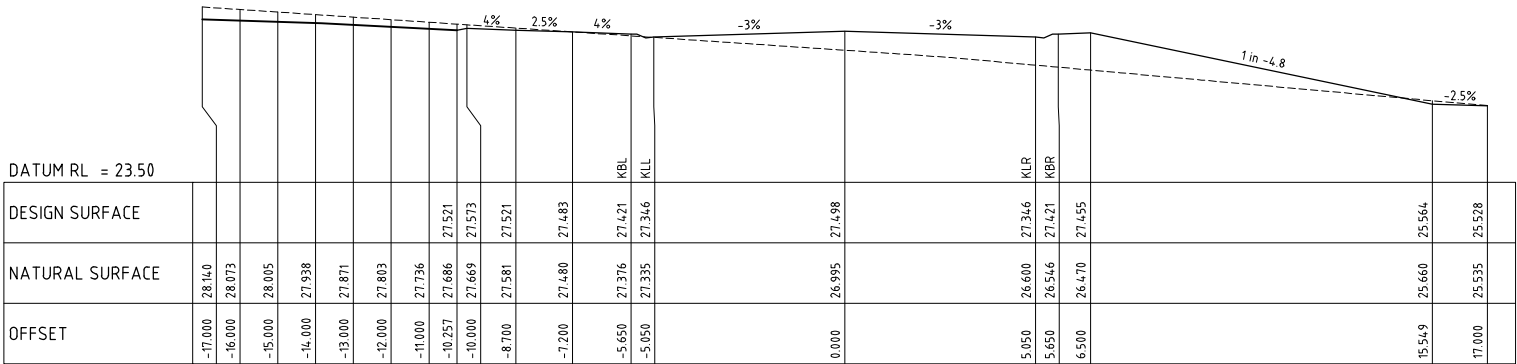
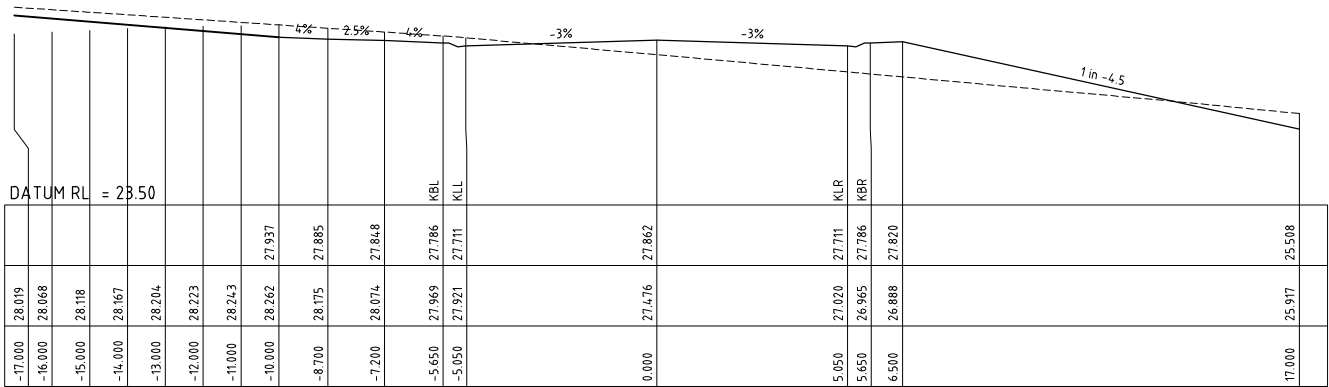
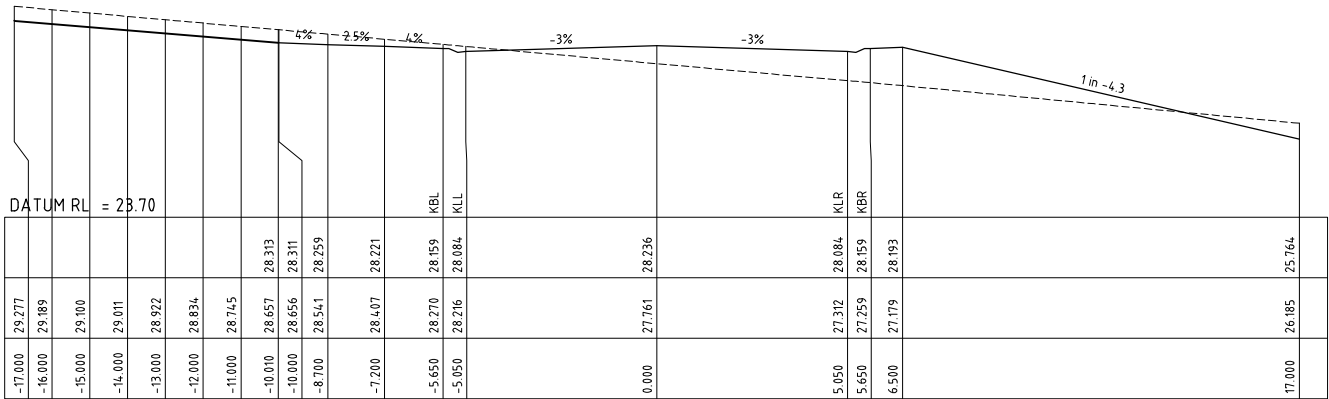
GCA
ENGINEERING SOLUTIONS

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PO BOX 3337, THORNTON NSW 2322
PHONE: (02) 4964 1811

ANAMBAH URBAN RELEASE AREA
ANAMBAH ROAD
ANAMBAH - DA1

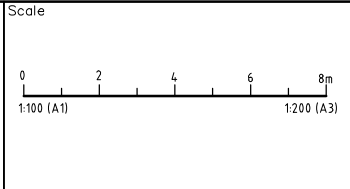
ROAD STR5 (ROAD 1) CROSS SECTIONS (1 OF 7)

Project No 22311C	Drawing No C337	Revision 5
A1 SHEET		



REVISION	Description	Drawn	App'd	Date
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4	GENERAL AMENDMENTS	AM	IH	28.04.25
2	CLIENT COMMENTS	JE	IH	03.02.25
1	ORIGINAL ISSUE	JE	IH	23.01.25

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Designed AM	Scale 1:100
Cad Reference 22311C dC339 r5	
Project Approval IAN HILL (B.E) Consulting Civil Engineer	

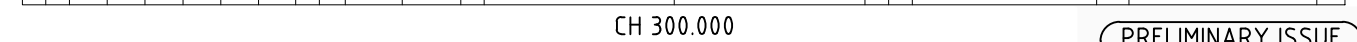
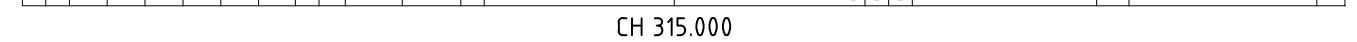
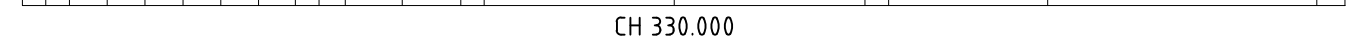
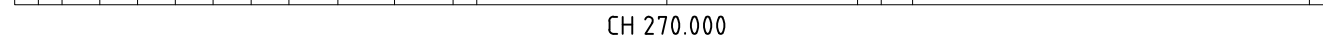
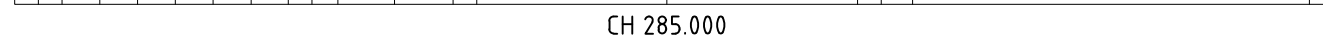
Client

DB20 PTY LTD



ANAMBAH URBAN RELEASE AREA
ANAMBAH ROAD
ANAMBAH - DA1
ROAD STR5 (ROAD 2) CROSS SECTIONS (3 OF 7)

Project No 22311C	Drawing No C339	Revision 5
A1 SHEET		



Project No
22311C

Drawing No	Revision
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C340	5
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Project Approval
IAN HILL (B.E)
Consulting Civil Engineer

approval
(E)
Civil Engineer

1

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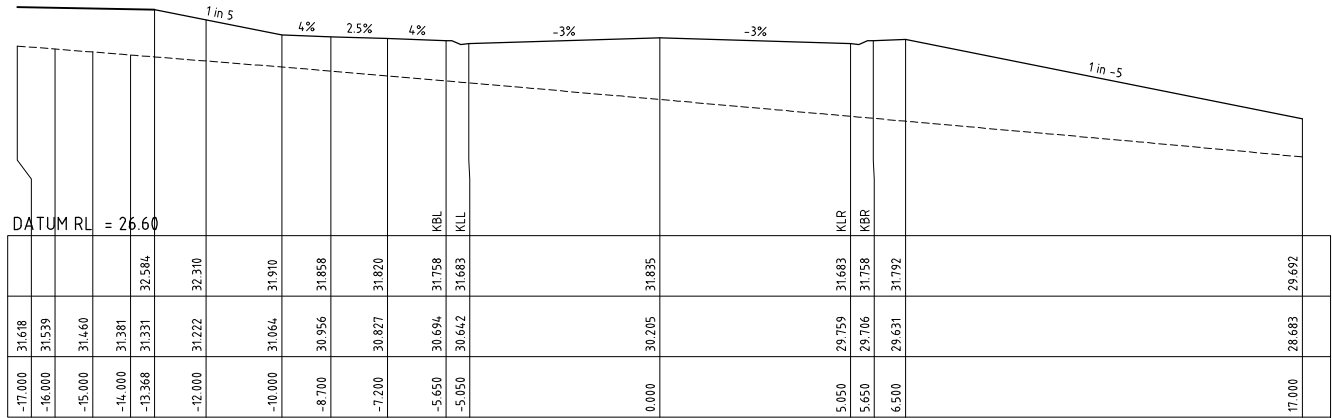
DB20 PTY LTD

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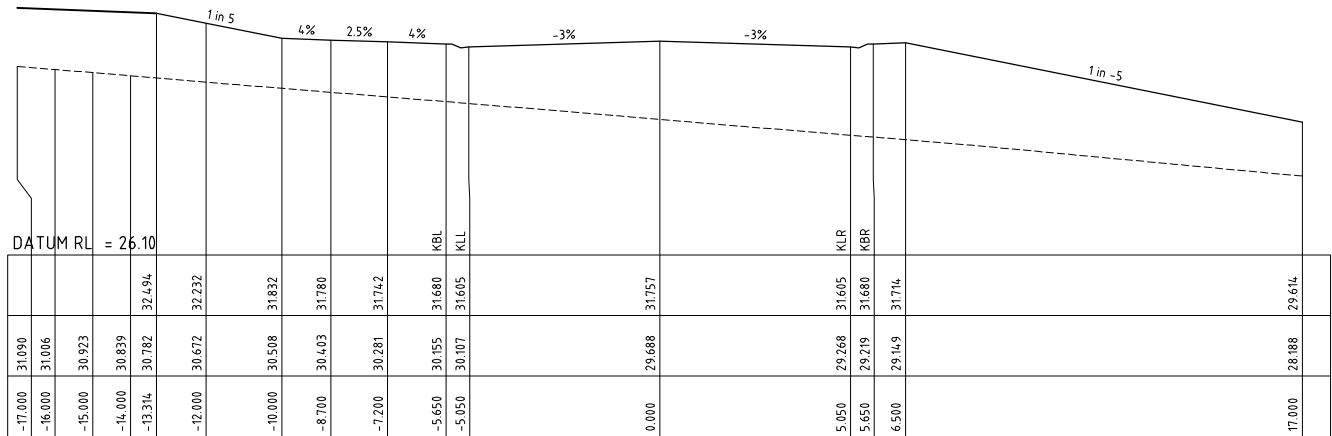
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PO BOX 3337, THORNTON NSW 2322
PHONE: (02) 4964 1811

ANAMBAH URBAN RELEASE AREA
ANAMBAH ROAD
ANAMBAH - DA1

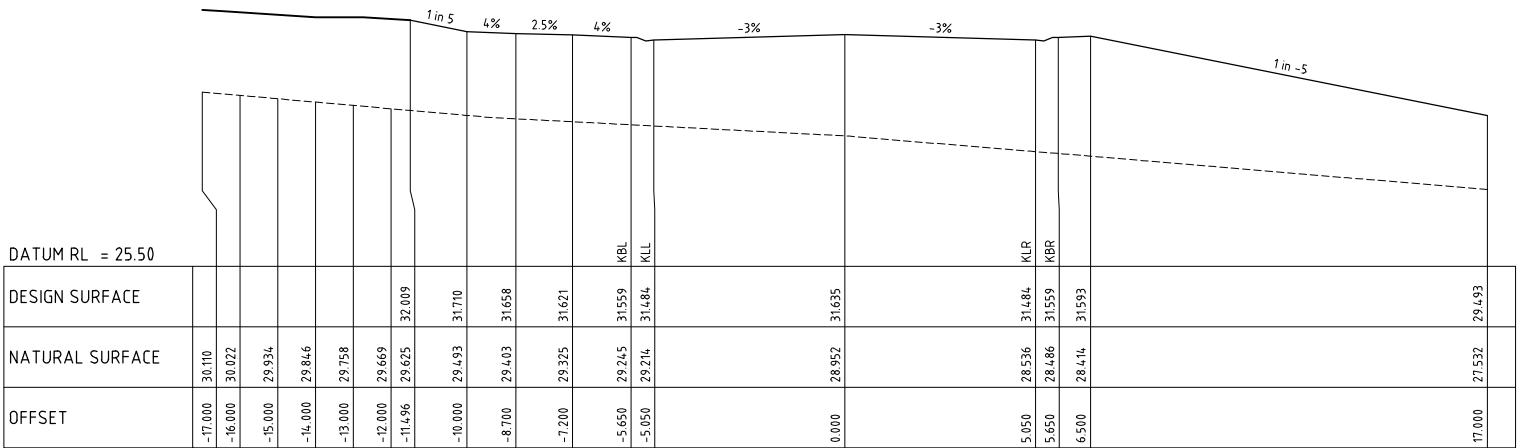
ROAD STR5 (ROAD 2) CROSS SECTIONS (4 OF 7)



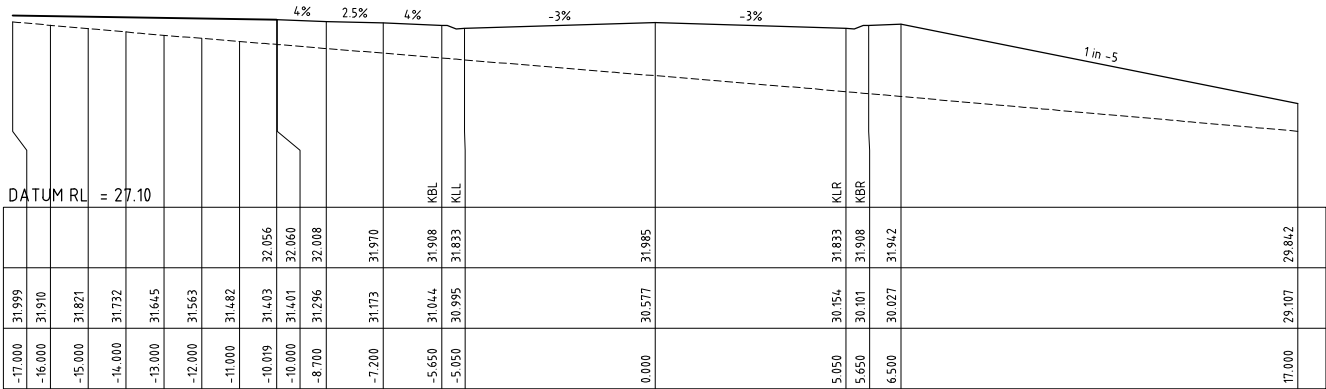
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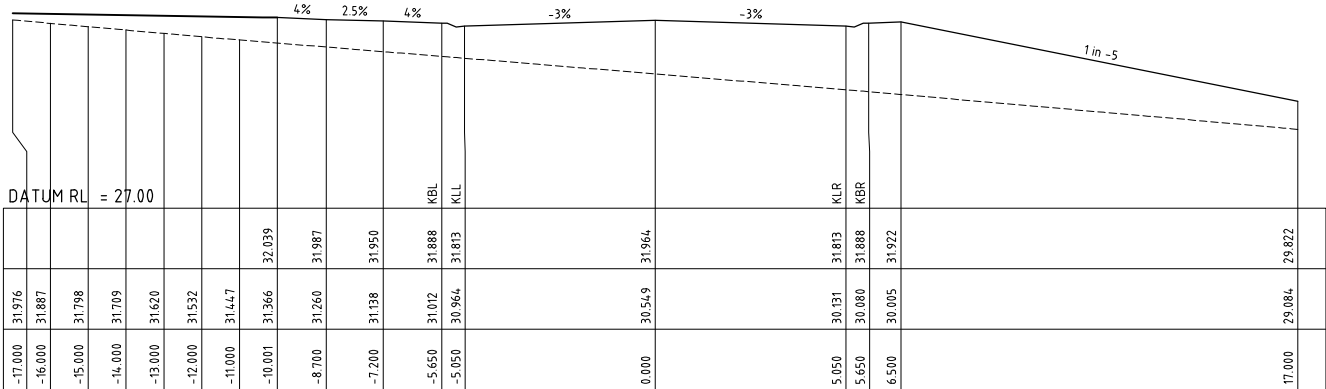
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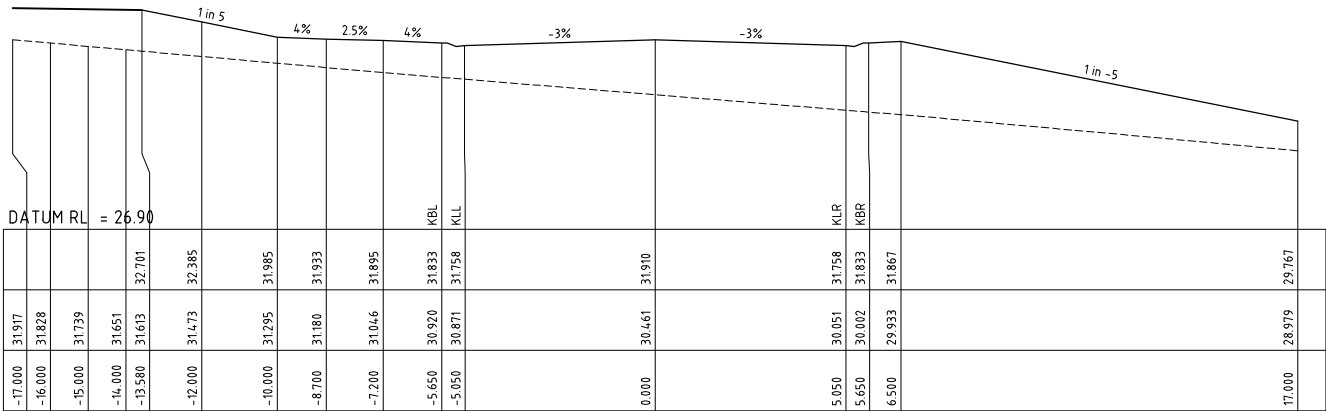
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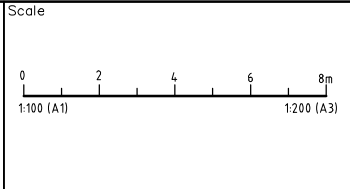


CH 390.000

PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

REVISION	Description	Drawn	App'd	Date
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4	GENERAL AMENDMENTS	AM	IH	28.04.25
2	CLIENT COMMENTS	JE	IH	03.02.25
1	ORIGINAL ISSUE	JE	IH	23.01.25

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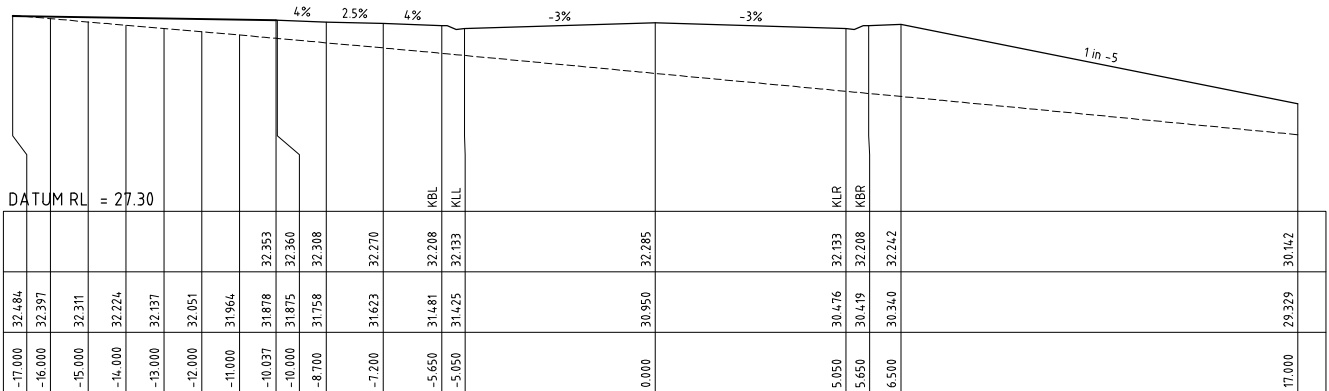
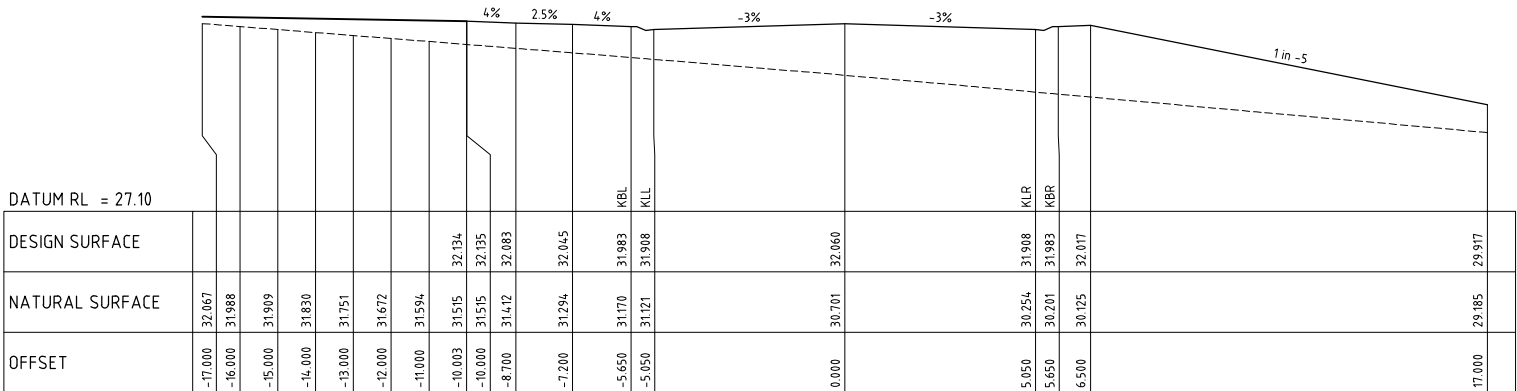
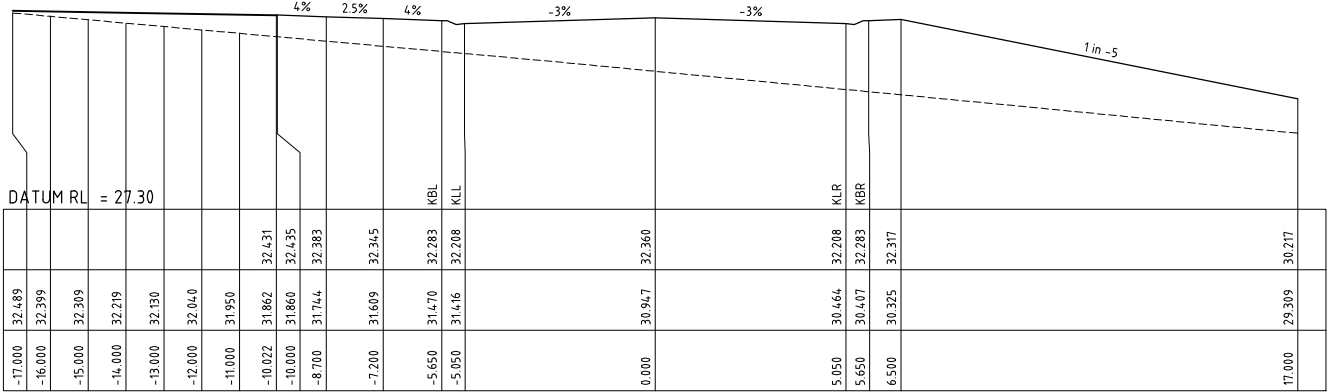
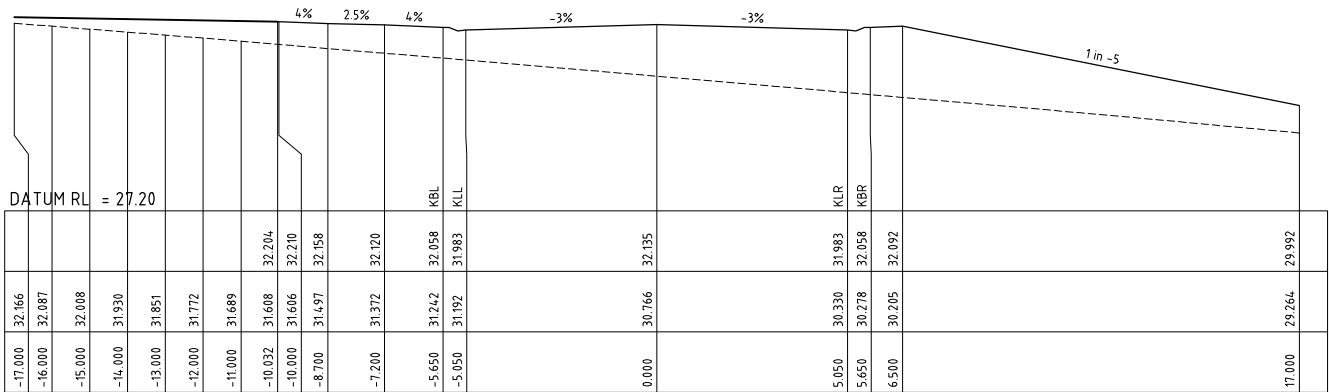
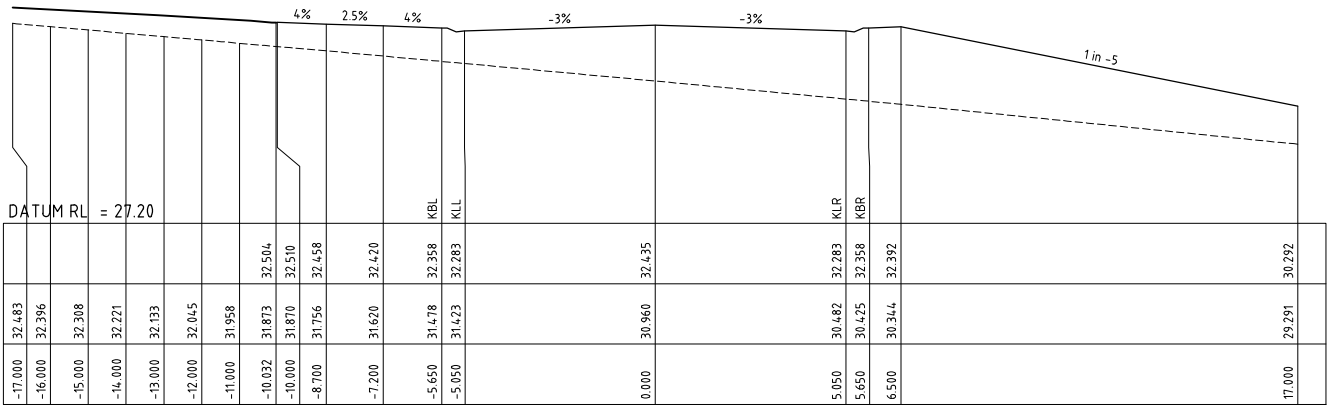
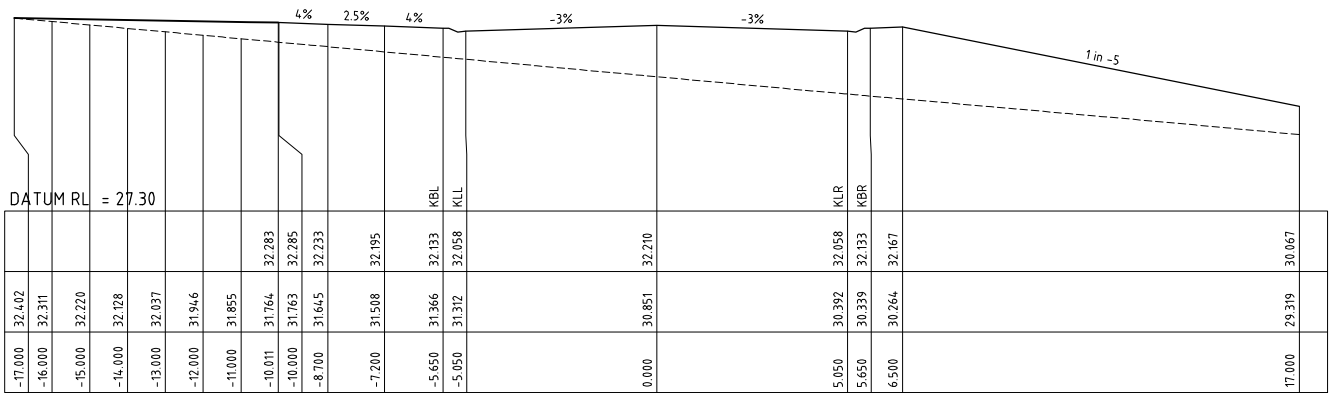
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Cad Reference 22311C dC341 r5	
Project Approval IAN HILL (B.E) Consulting Civil Engineer	

Client
DB20 PTY LTD



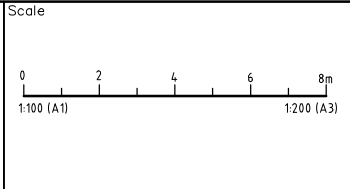
ANAMBAH URBAN RELEASE AREA
ANAMBAH ROAD
ANAMBAH - DA1
ROAD STR5 (ROAD 2) CROSS SECTIONS (5 OF 7)

Project No 22311C	Drawing No C341	Revision 5
A1 SHEET		



REVISION	Description	Drawn	App'd	Date
5	GENERAL AMENDMENTS	AM	IH	19.05.25
4	GENERAL AMENDMENTS	AM	IH	28.04.25
2	CLIENT COMMENTS	JE	IH	03.02.25
1	ORIGINAL ISSUE	JE	IH	23.01.25

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Designed AM	Scale 1:100
Cad Reference 22311C dC342 r5	
Project Approval IAN HILL (B.E) Consulting Civil Engineer	

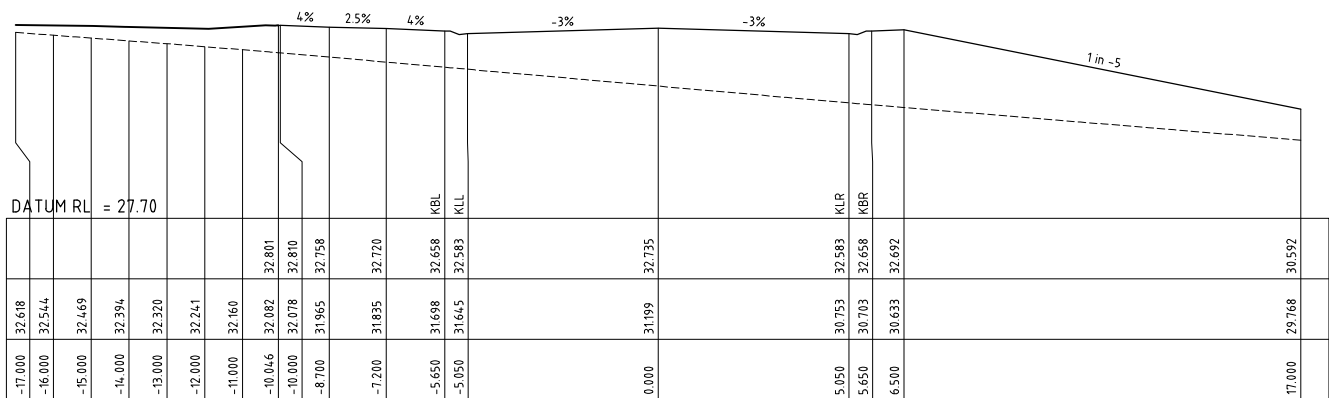
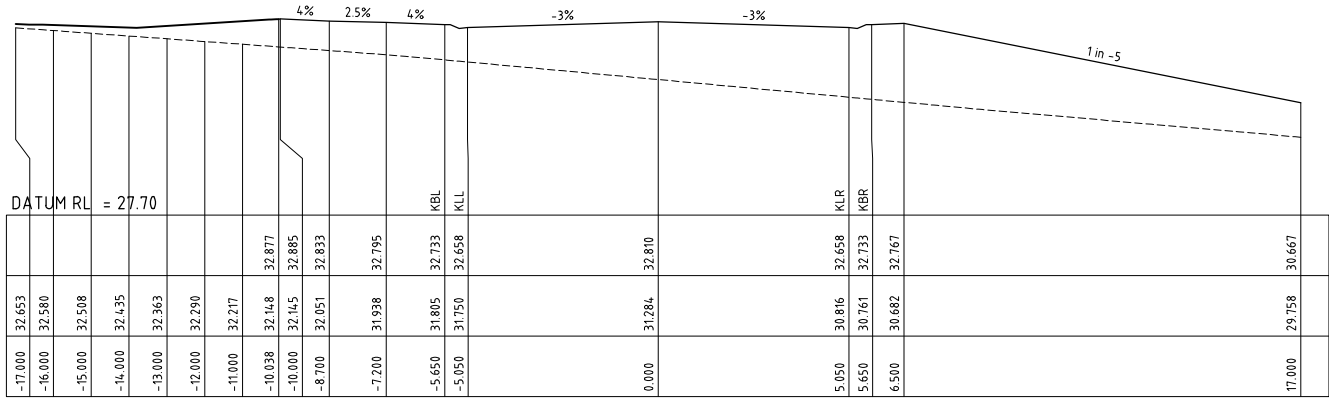
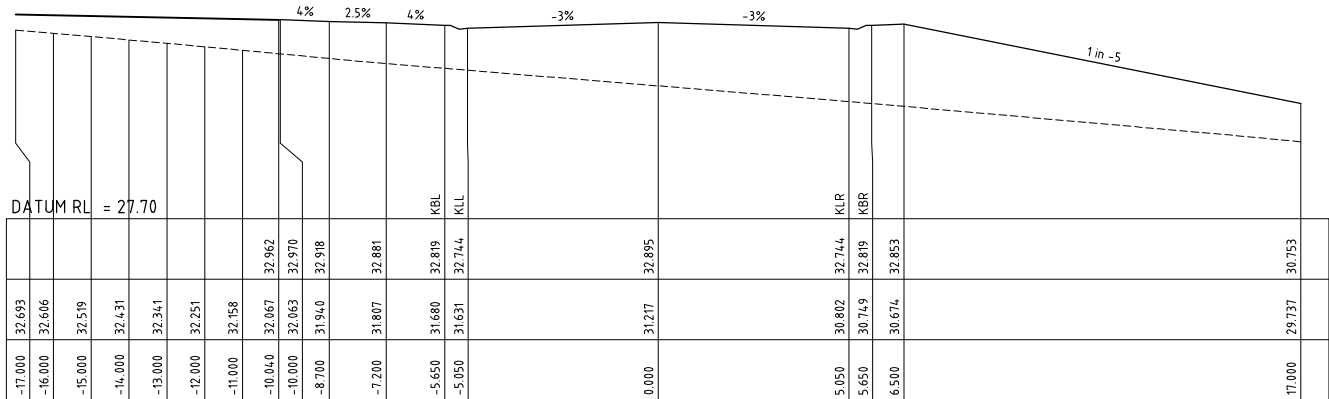
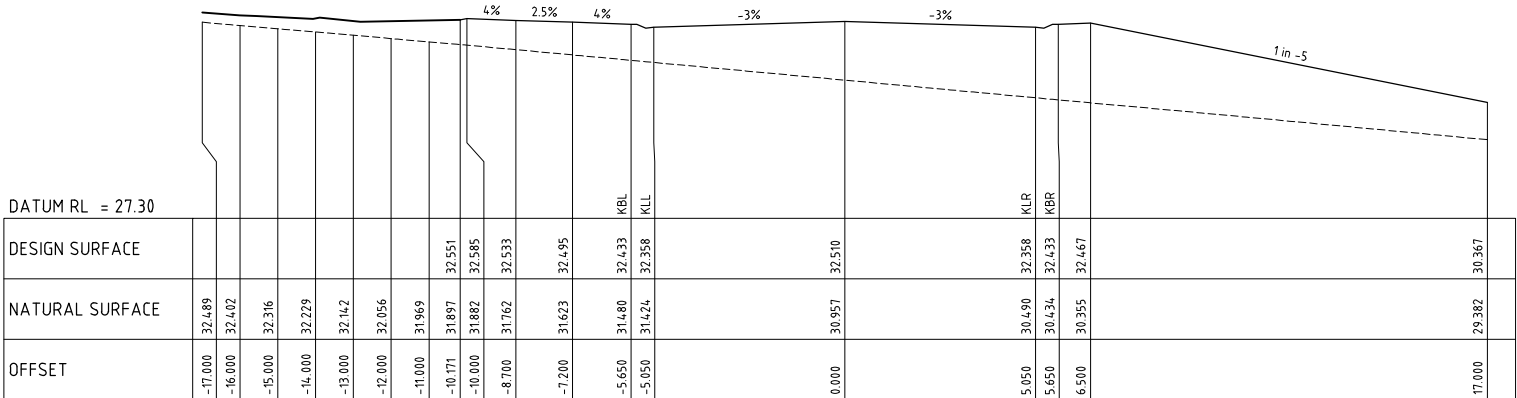
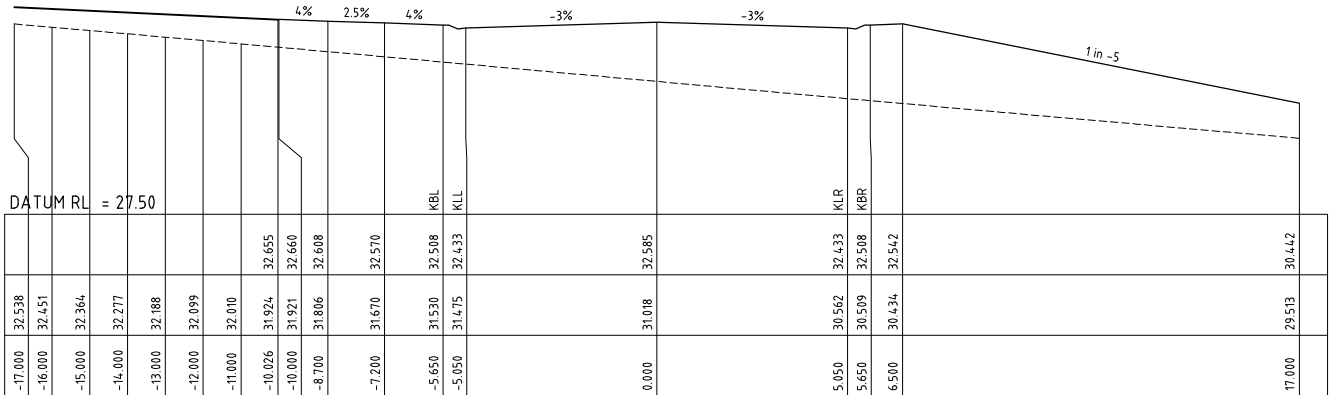
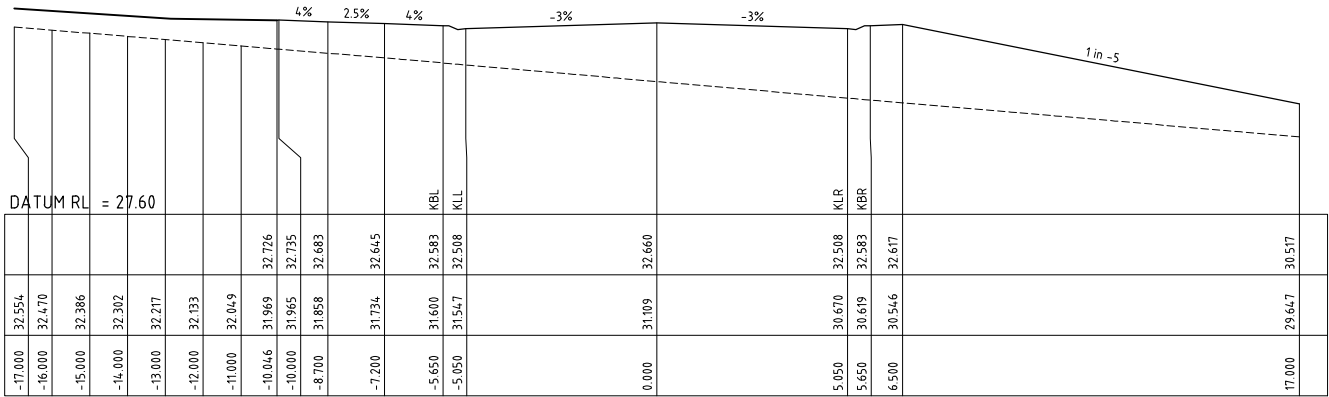
Client

DB20 PTY LTD

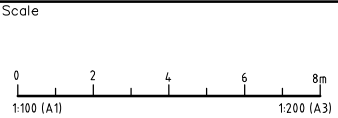


ANAMBAH URBAN RELEASE AREA
ANAMBAH ROAD
ANAMBAH - DA1
ROAD STR5 (ROAD 2) CROSS SECTIONS (6 OF 7)

Project No 22311C	Drawing No C342	Revision 5
A1 SHEET		



					North
5	GENERAL AMENDMENTS		AM	IH	19.05.25
4	GENERAL AMENDMENTS		AM	IH	28.04.25
2	CLIENT COMMENTS		JE	IH	03.02.25
1	ORIGINAL ISSUE		JE	IH	23.01.25
REVISION	Description	Drawn	App'd	Date	



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Designed	Scale
AM	1:100
Cad Reference	
22311C dC343 r5	
Project Approval	
IAN HILL (B.E)	
Consulting Civil Engineer	

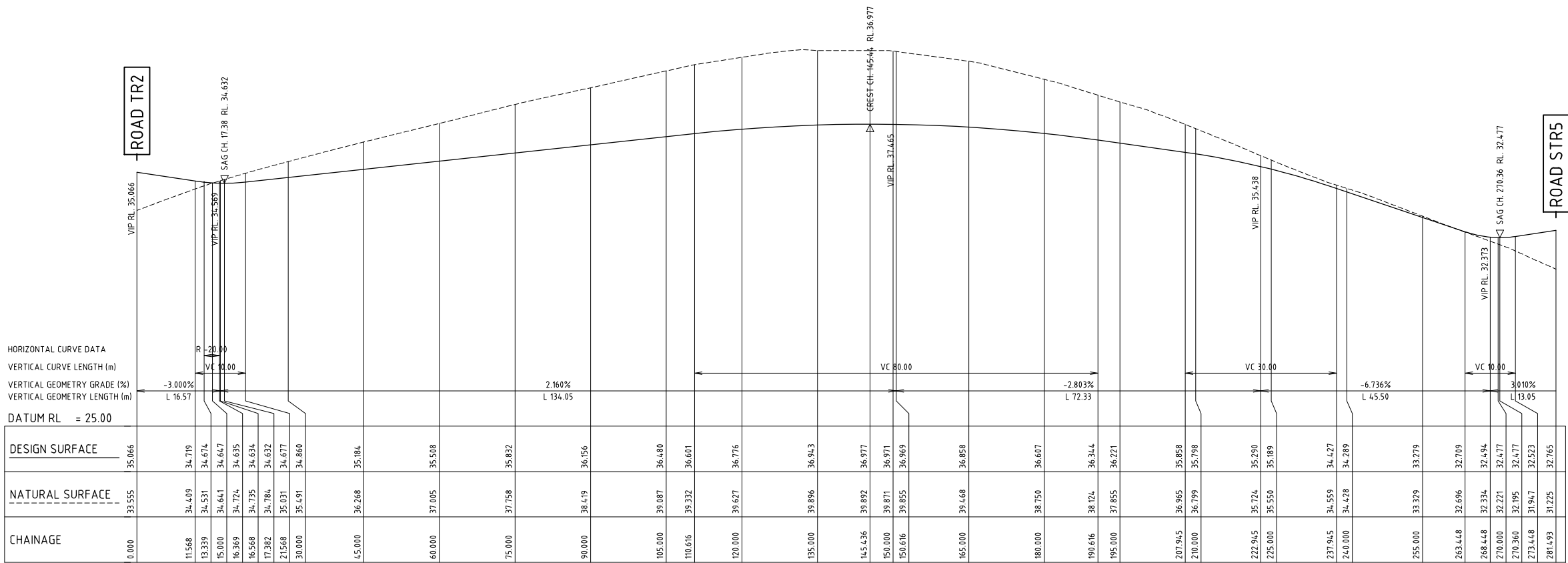
Client

DB20 PTY LTD



ANAMBAH URBAN RELEASE AREA		Project No	
ANAMBAH ROAD		22311C	
ANAMBAH - DA1		Drawing No	Revision
ROAD STR5 (ROAD 2) CROSS SECTIONS (7 OF 7)		C343	5
A1 SHEET			

PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

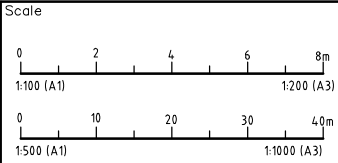


A1 SCALE: HORIZONTAL 1:500, VERTICAL 1:100
LONGITUDINAL SECTION GREEN STREET

PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

					North
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4	GENERAL AMENDMENTS		AM	I.H	28.04.25
2	CLIENT COMMENTS		JE	I.H	03.02.25
1	ORIGINAL ISSUE		JE	I.H	23.01.25
REVISION	Description	Drawn	App'd	Date	

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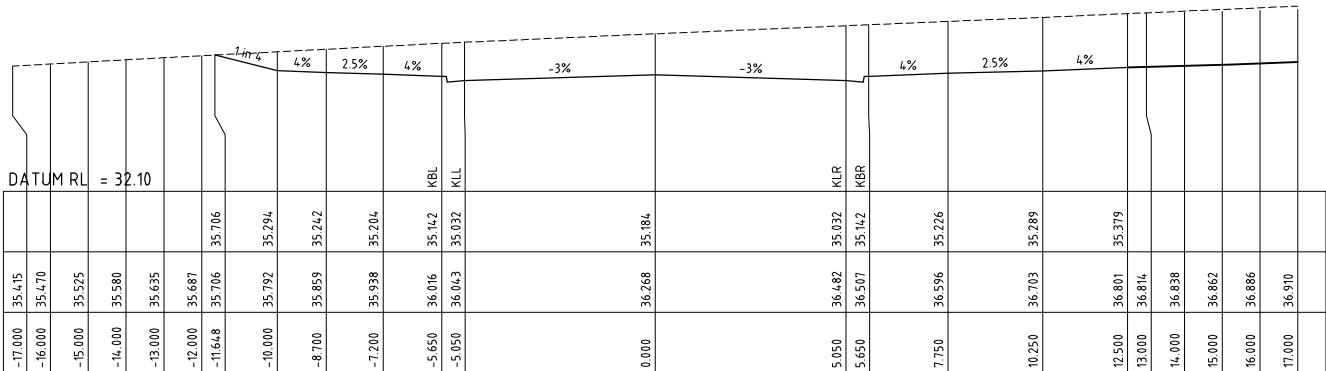
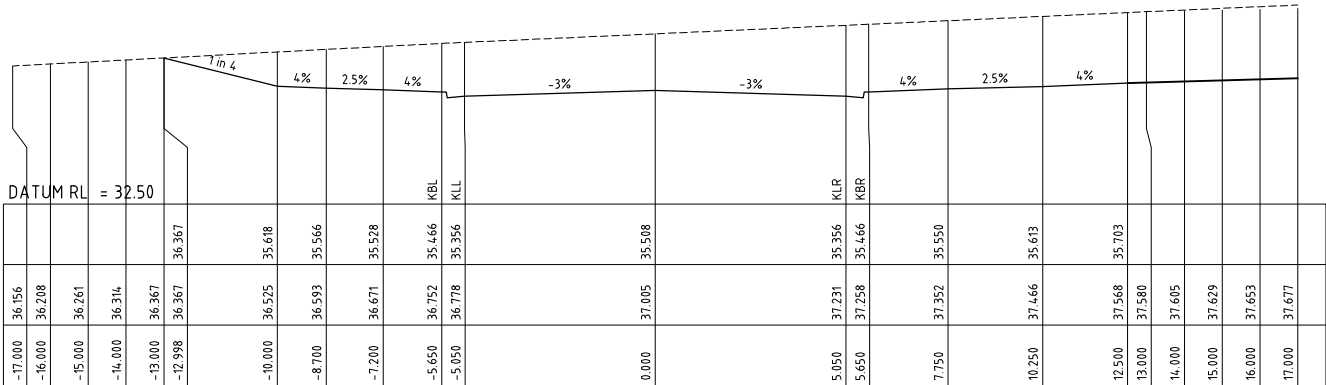
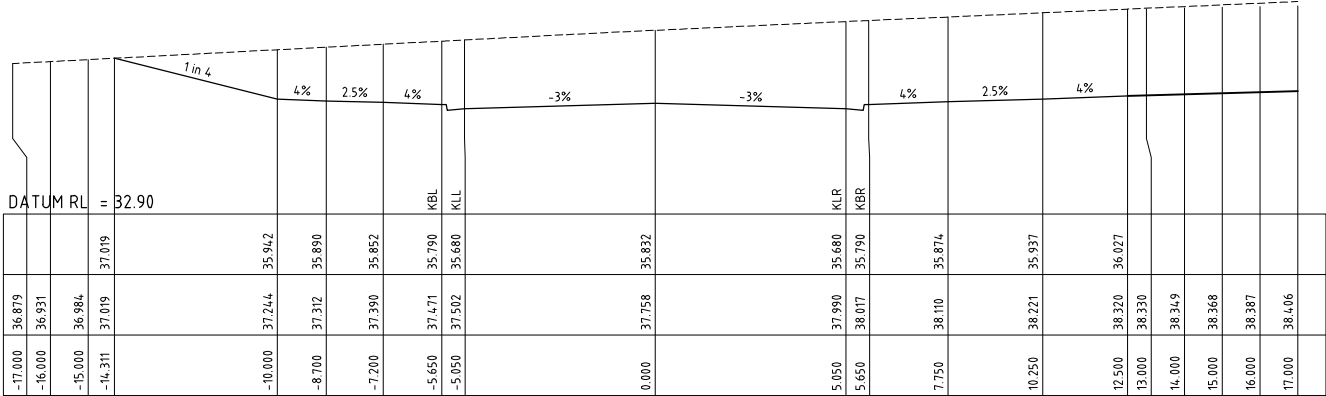
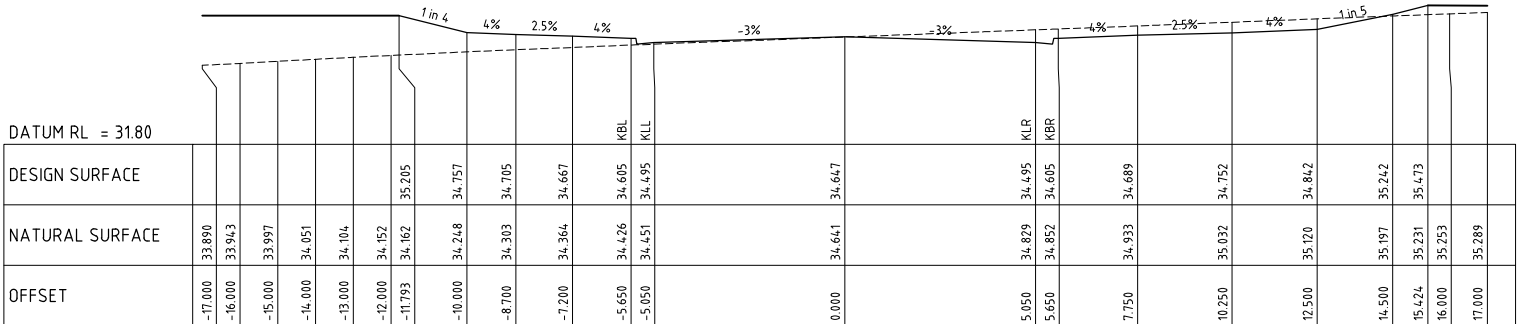
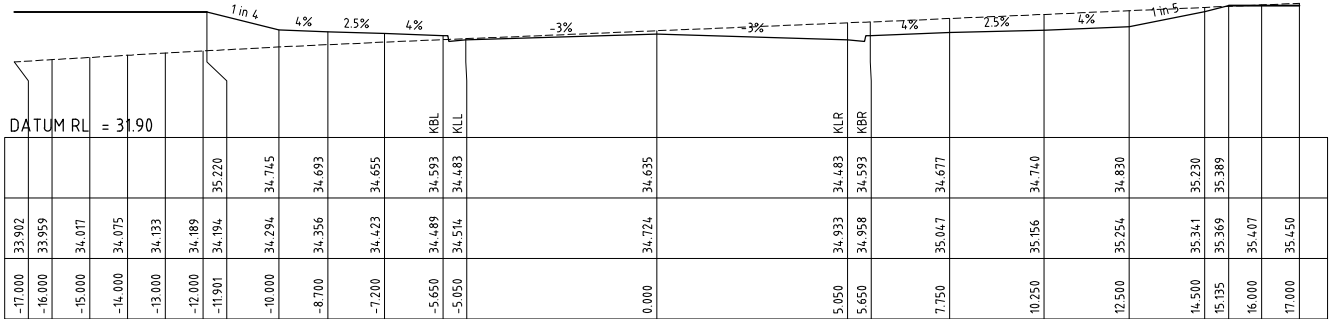
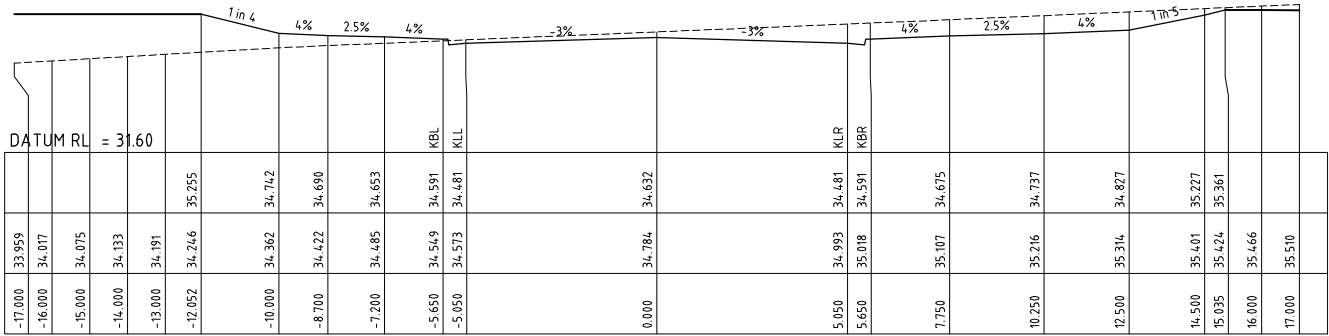
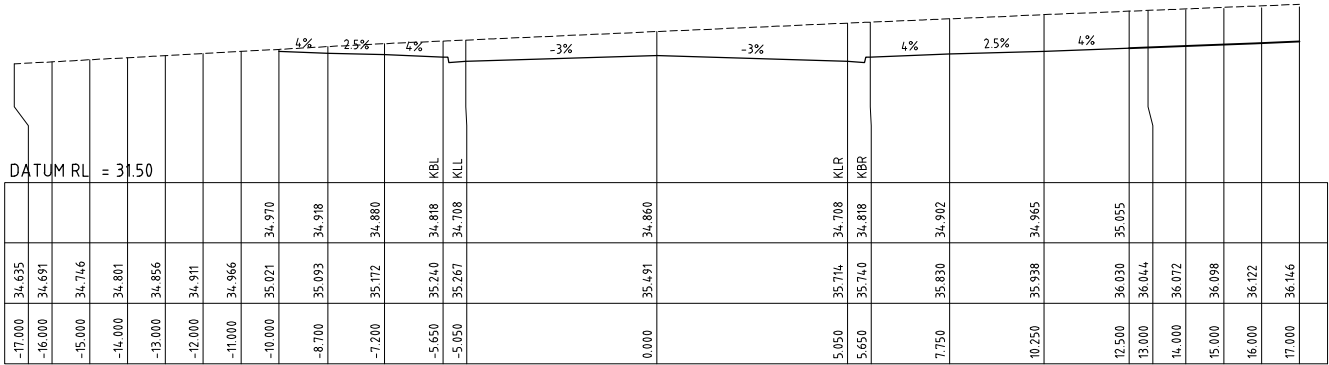
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Cad Reference 22311C dC344 r5	
Project Approval IAN HILL (B.E) Consulting Civil Engineer	

Client
DB20 PTY LTD

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ENGINEERING SOLUTIONS

A.B.N. 92 086 017 745
1 HARTLEY DRIVE, THORNTON NSW 2322
PO BOX 3337, THORNTON NSW 2322
PHONE: (02) 4964 1811

ANAMBAH URBAN RELEASE AREA ANAMBAH ROAD ANAMBAH - DA1 GREEN STREET (ROAD 3) LONG SECTION	
Project No 22311C	
Drawing No C344	Revision 5
A1 SHEET	



REVISION	Description	Drawn	App'd	Date
5	GENERAL AMENDMENTS	AM	IH	19.05.25
4	GENERAL AMENDMENTS	AM	IH	28.04.25
2	CLIENT COMMENTS	JE	IH	03.02.25
1	ORIGINAL ISSUE	JE	IH	23.01.25

North
Scale
0 2 4 6 8m
1:100 (A1) 1:200 (A3)

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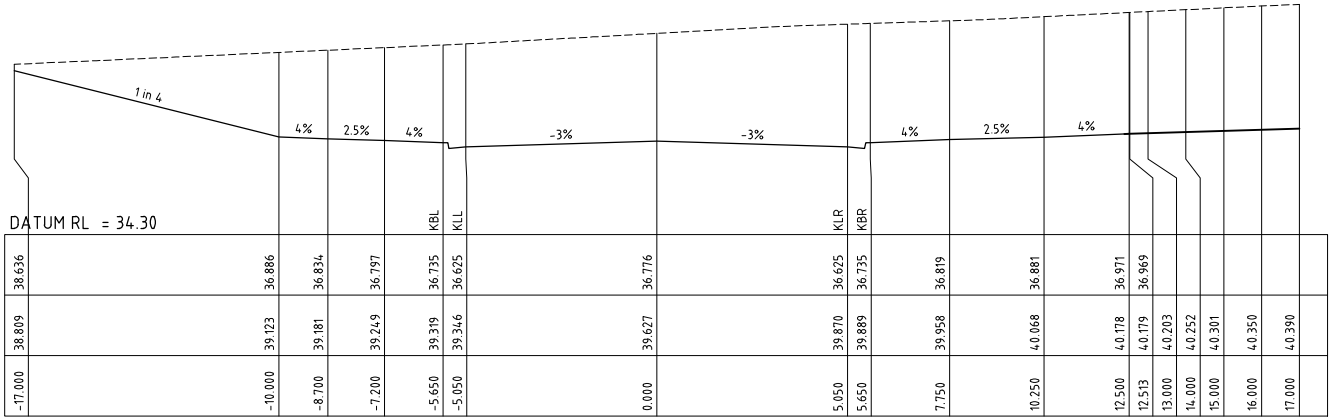
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Cad Reference	
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Project Approval	
IAN HILL (B.E)	
Consulting Civil Engineer	

Client
DB20 PTY LTD

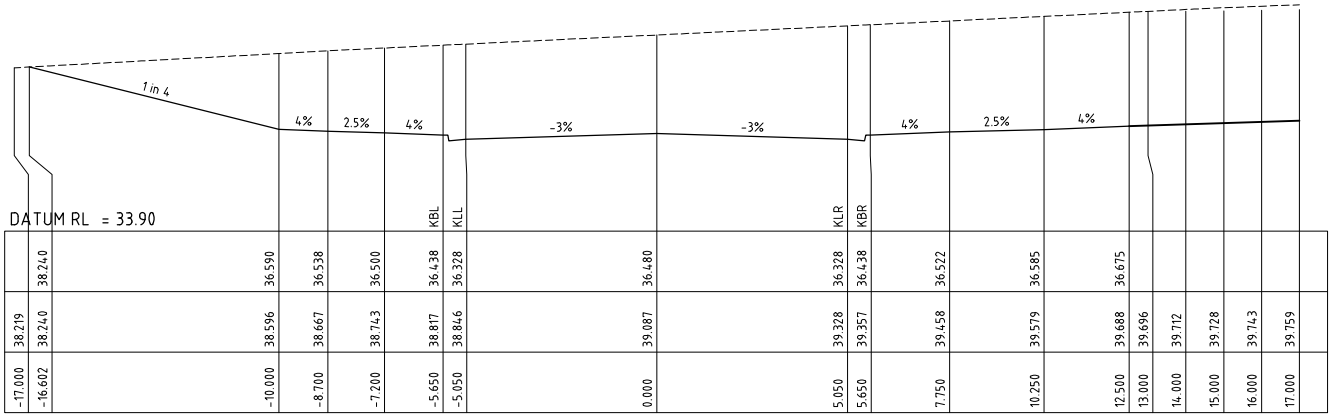
GCA
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1 HARTLEY DRIVE, THORNTON NSW 2322
PO BOX 3337, THORNTON NSW 2322
PHONE: (02) 4964 1811

ANAMBAH URBAN RELEASE AREA
ANAMBAH ROAD
ANAMBAH - DA1
GREEN STREET (ROAD 3) CROSS SECTIONS (1 OF 3)

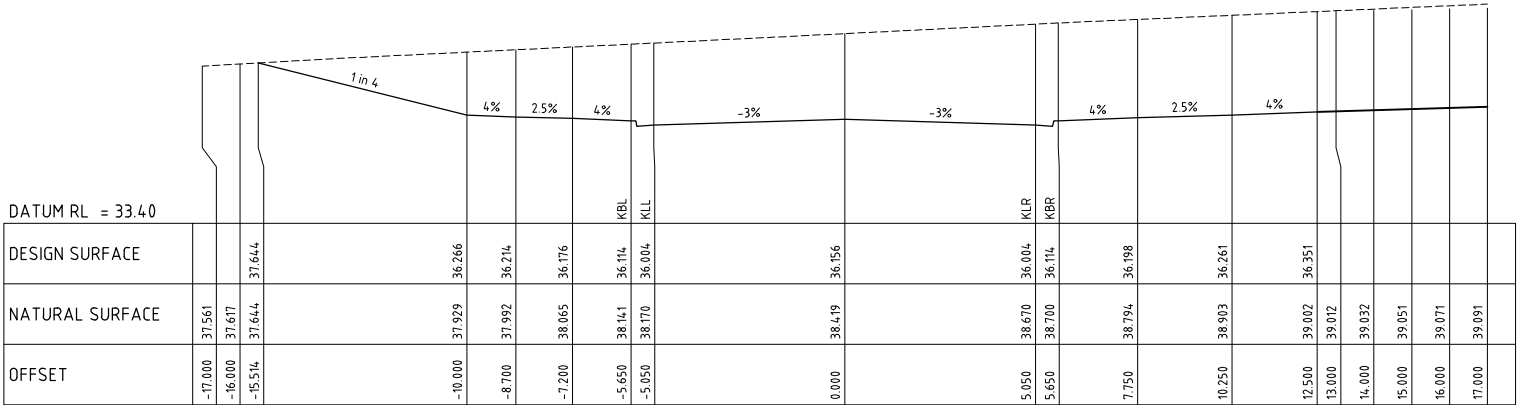
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22311C	
Drawing No	Revision
C345	5
A1 SHEET	



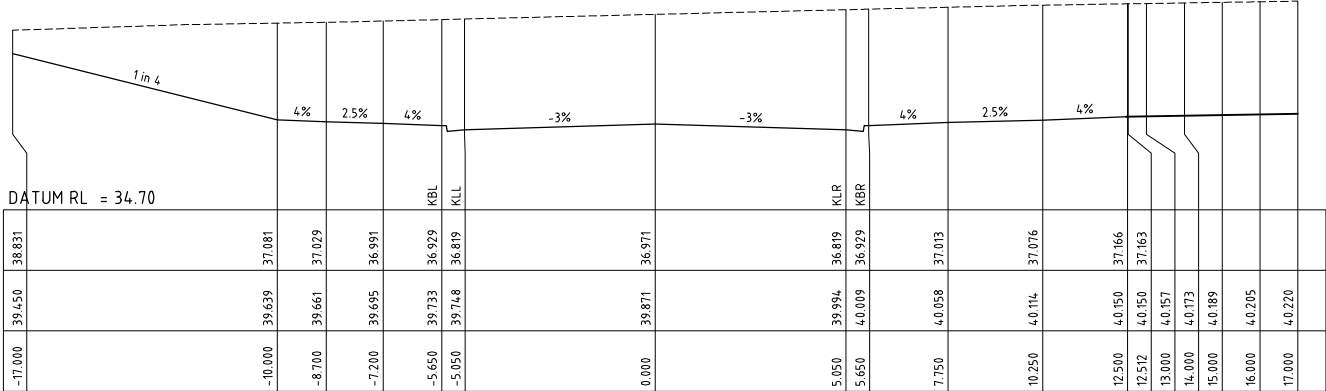
CH 120.000



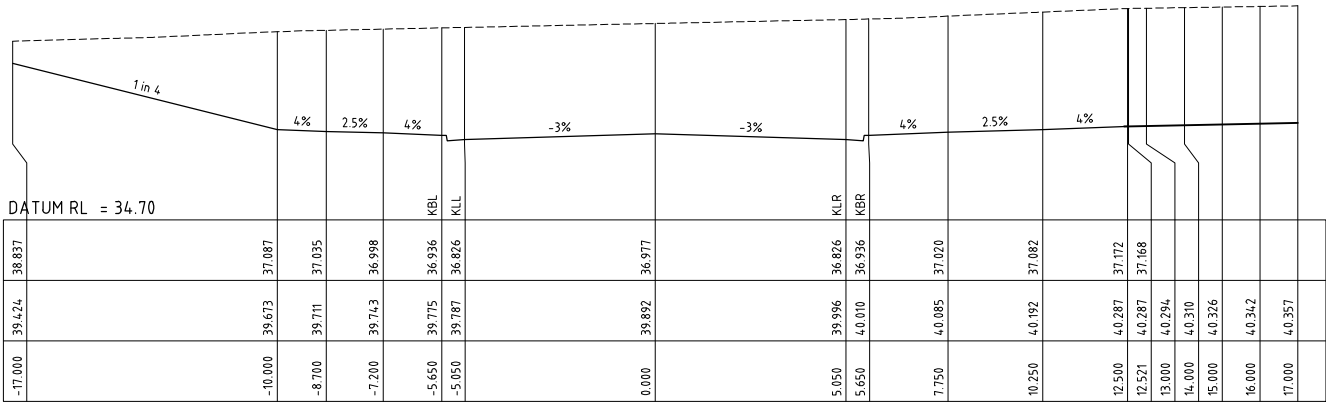
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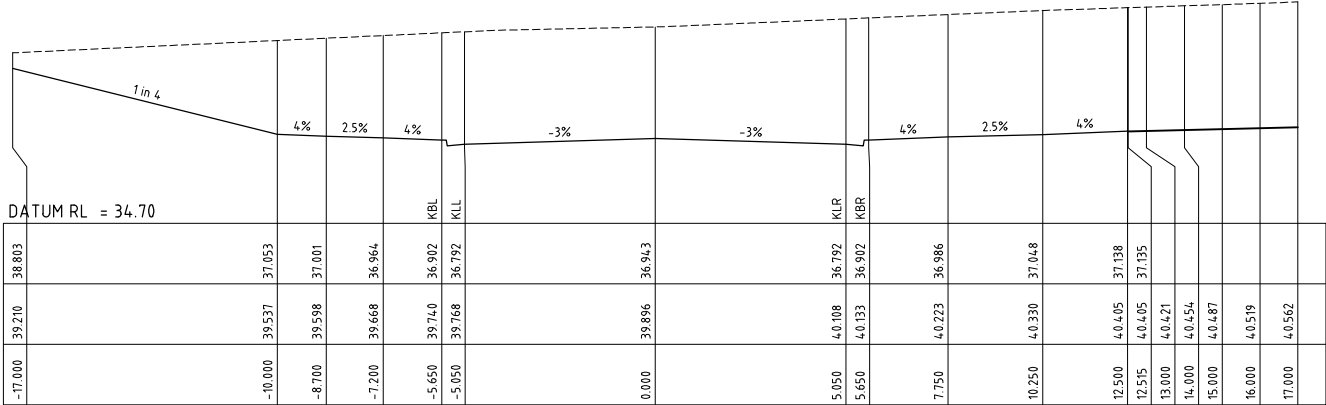
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CH 150.000



CH 145.436

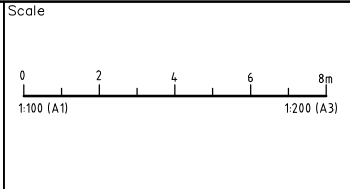


CH 135.000

PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

REVISION	Description	Drawn	App'd	Date
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4	GENERAL AMENDMENTS	AM	IH	28.04.25
2	CLIENT COMMENTS	JE	IH	03.02.25
1	ORIGINAL ISSUE	JE	IH	23.01.25

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Designed AM	Scale 1:100
Cad Reference 22311C dC346 r5	
Project Approval IAN HILL (B.E) Consulting Civil Engineer	

Client
DB20 PTY LTD

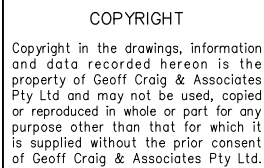


ANAMBAH URBAN RELEASE AREA
ANAMBAH ROAD
ANAMBAH - DA1
GREEN STREET (ROAD 3) CROSS SECTIONS (2 OF 3)

Project No 22311C	Drawing No C346	Revision 5
A1 SHEET		



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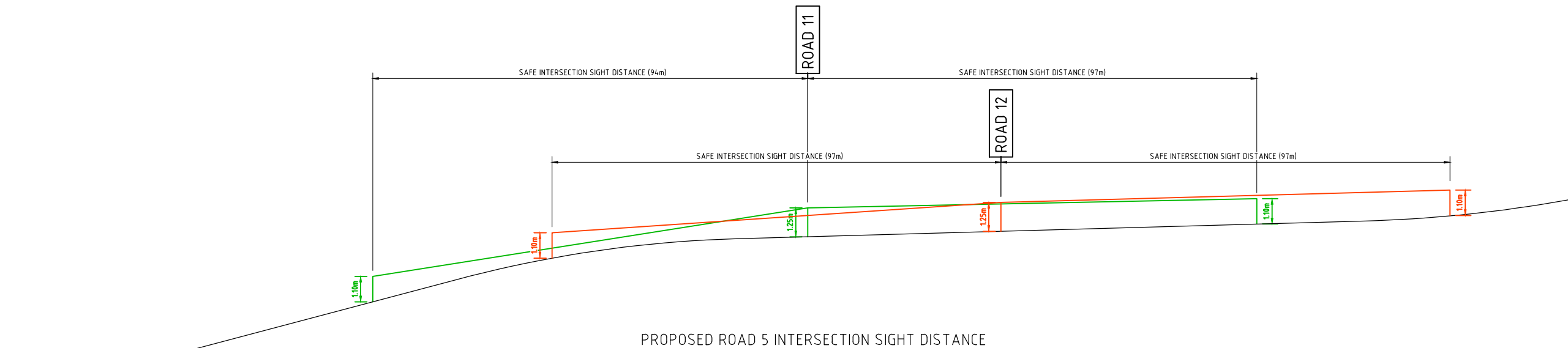


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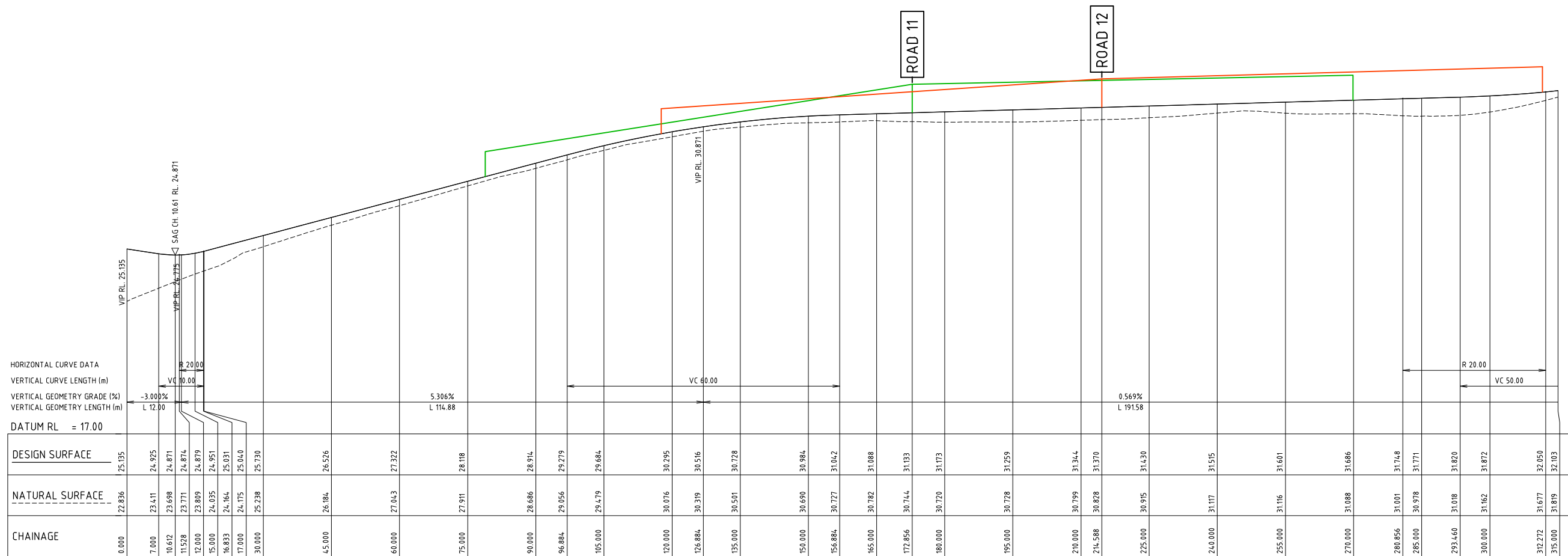
DB20 PTY LTD

ANAMBAH URBAN RELEASE AREA
ANAMBAH ROAD
ANAMBAH - DA1
ROAD 4 LONG SECTION

Project No		22311C	
Drawing No		Revision	
C348		5	
A1 SHEET			





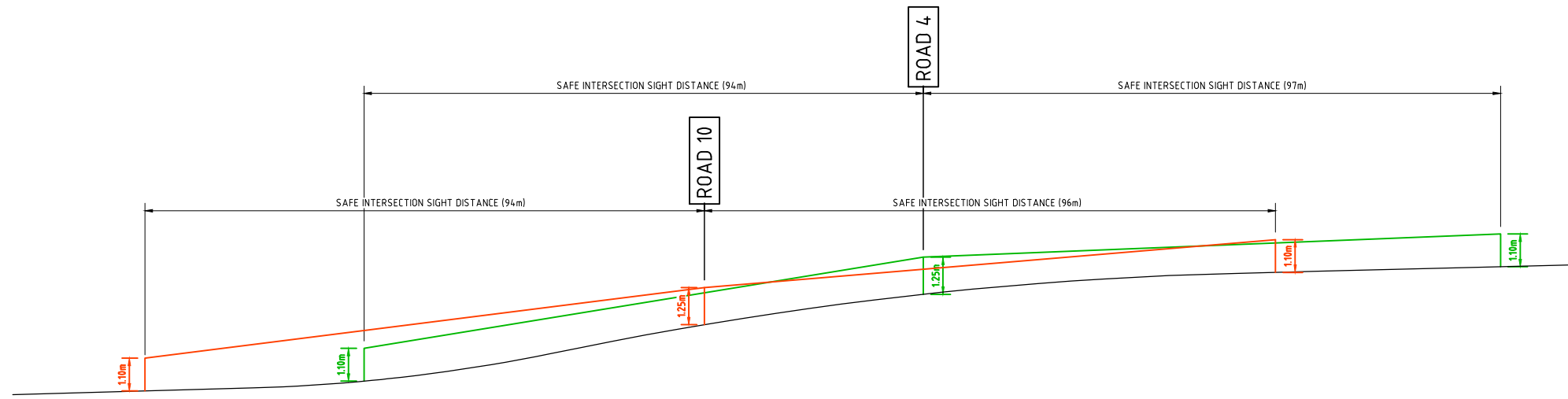
PROPOSED ROAD 5 INTERSECTION SIGHT DISTANCE



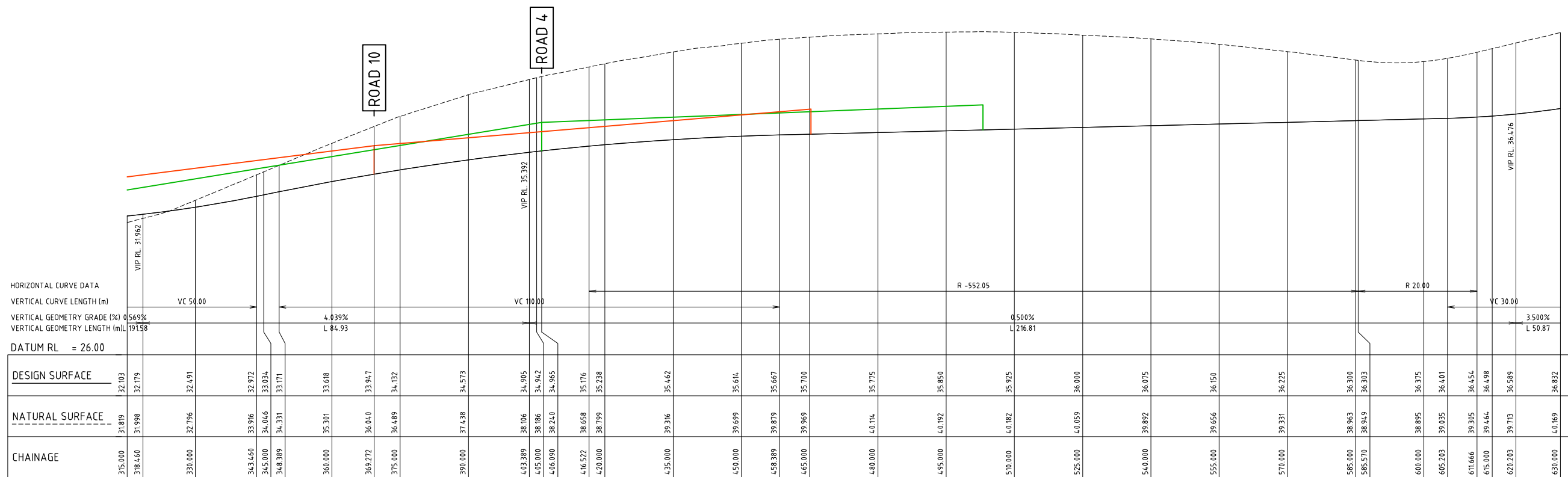
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LONGITUDINAL SECTION ROAD 5 DA1

PRELIMINARY ISSUE
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					North		Scale		COPYRIGHT		Designed AM		Scale 1:500H/1:100V		Client				ANAMBAH URBAN RELEASE AREA ANAMBAH ROAD ANAMBAH - DA1 ROAD 5 LONG SECTION (1 OF 3)		Project No 22311C	
									Copyright in the drawings, information and data recorded hereon is the property of Geoff Craig & Associates Pty Ltd and may not be used, copied or reproduced in whole or part for any purpose other than that for which it is supplied without the prior consent of Geoff Craig & Associates Pty Ltd.		Cad Reference 22311C dC350 r5				DB20 PTY LTD						Drawing No C350	
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4					GENERAL AMENDMENTS		A.M		I.H		28.04.25											
2					CLIENT COMMENTS		J.E		I.H		03.02.25											
1					ORIGINAL ISSUE		J.E		I.H		23.01.25											
REVISION					Description		Drawn		App'd		Date										A1 SHEET	



PROPOSED ROAD 5 INTERSECTION SIGHT DISTANCE

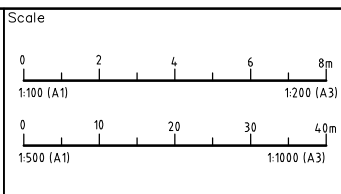


A1 SCALE: HORIZONTAL 1:500, VERTICAL 1:100
LONGITUDINAL SECTION ROAD 5 DA1

PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

REVISION	Description	Drawn	App'd	Date
5	GENERAL AMENDMENTS	AM	IH	19.05.25
4	GENERAL AMENDMENTS	AM	IH	28.04.25
2	CLIENT COMMENTS	JE	IH	03.02.25
1	ORIGINAL ISSUE	JE	IH	23.01.25

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Cad Reference 22311C dC351 r5	
Project Approval IAN HILL (B.E) Consulting Civil Engineer	

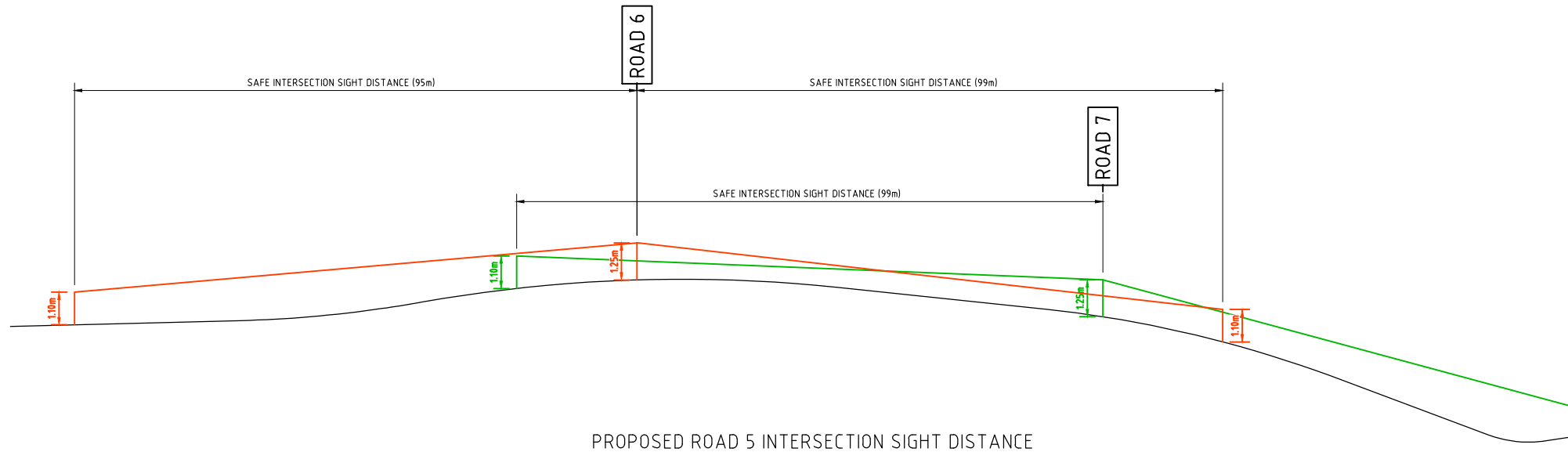
Client
DB20 PTY LTD

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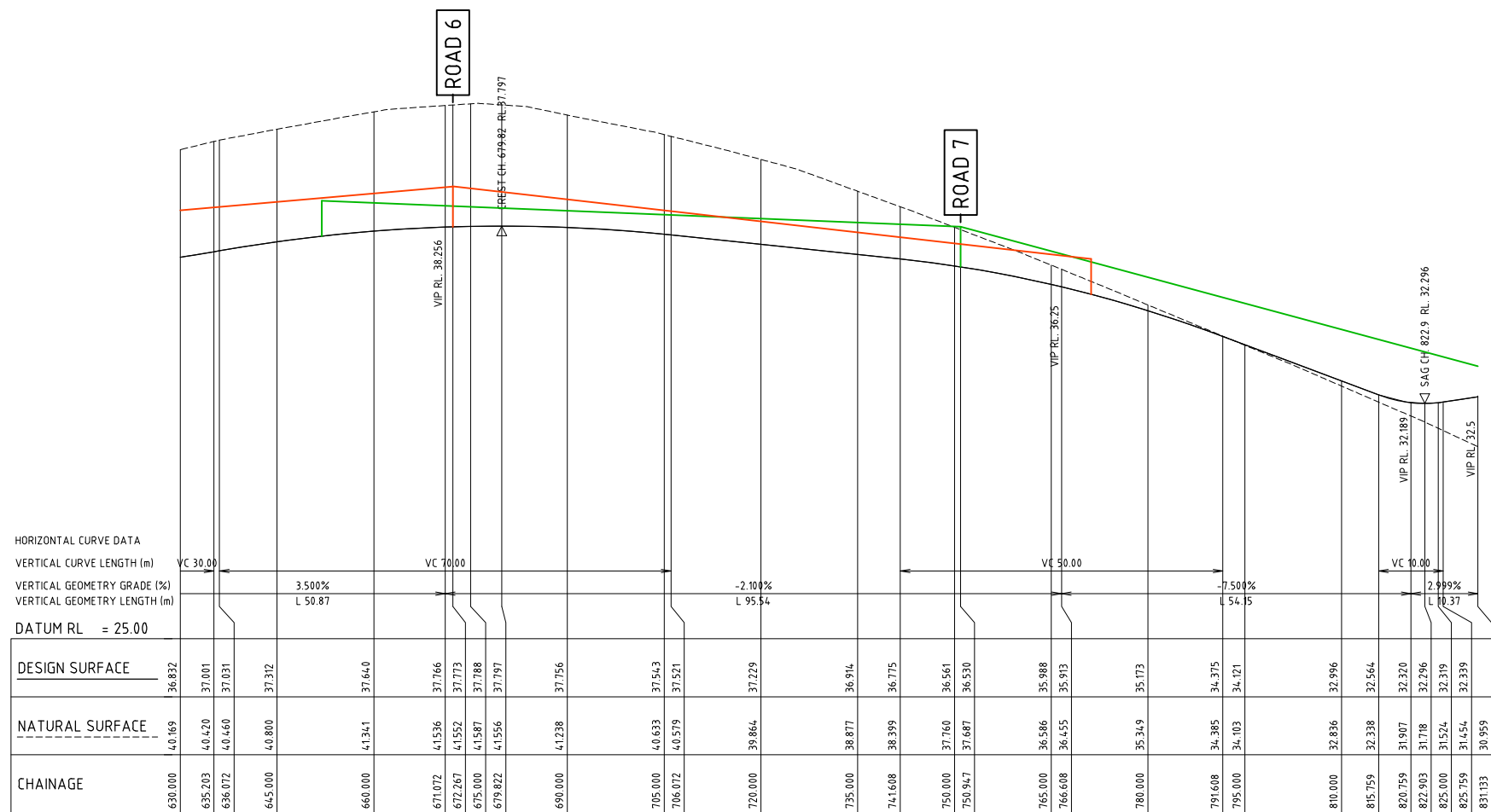
A.B.N. 92 086 017 745
1 HARTLEY DRIVE, THORNTON NSW 2322
PO BOX 3337, THORNTON NSW 2322
PHONE: (02) 4964 1811

ANAMBAH URBAN RELEASE AREA
ANAMBAH ROAD
ANAMBAH - DA1
ROAD 5 LONG SECTION (2 OF 3)

Project No 22311C	
Drawing No C351	Revision 5
A1 SHEET	



PROPOSED ROAD 5 INTERSECTION SIGHT DISTANCE



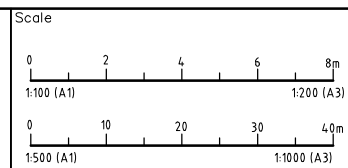
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LONGITUDINAL SECTION ROAD 5 DA1

PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

REVISION	Description	Drawn	App'd	Date
5	GENERAL AMENDMENTS	AM	IH	19.05.25
4	GENERAL AMENDMENTS	AM	IH	28.04.25
2	CLIENT COMMENTS	JE	IH	03.02.25
1	ORIGINAL ISSUE	JE	IH	23.01.25

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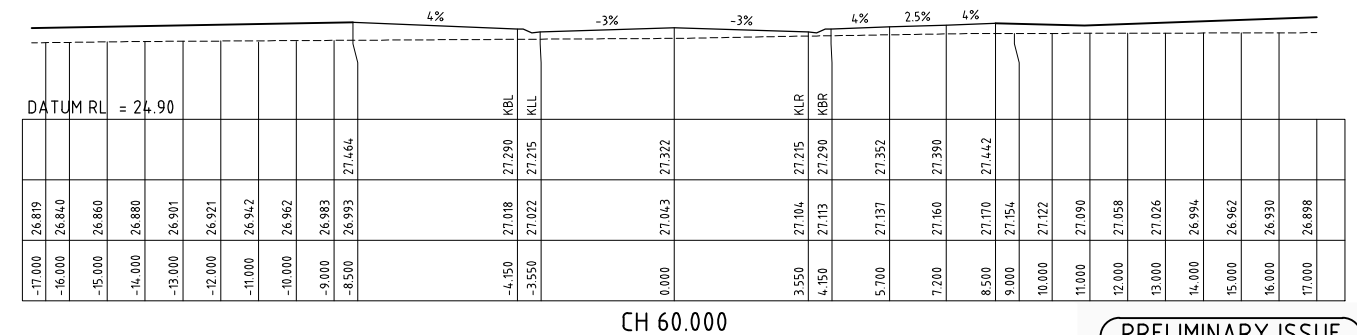
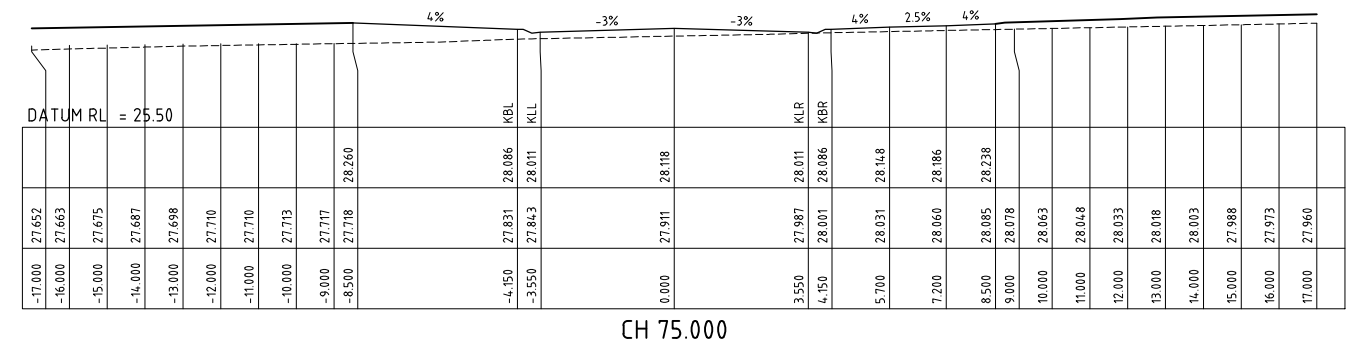
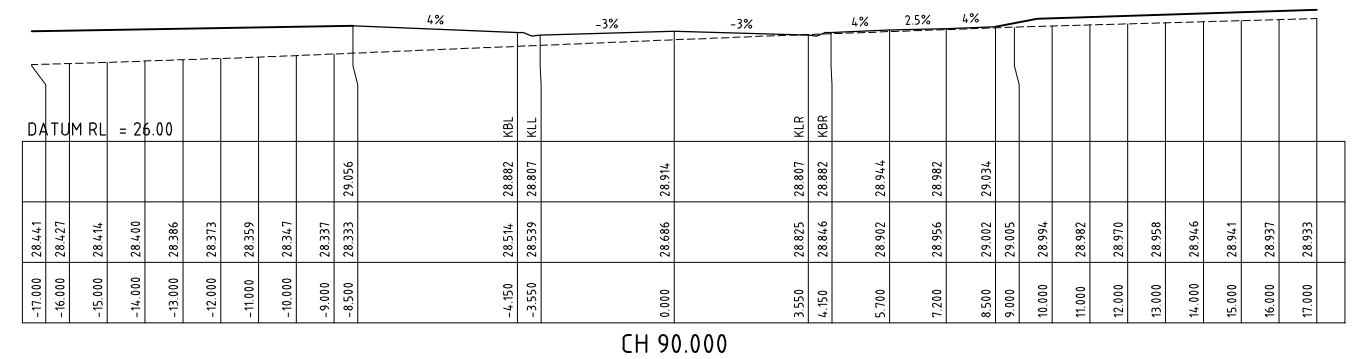
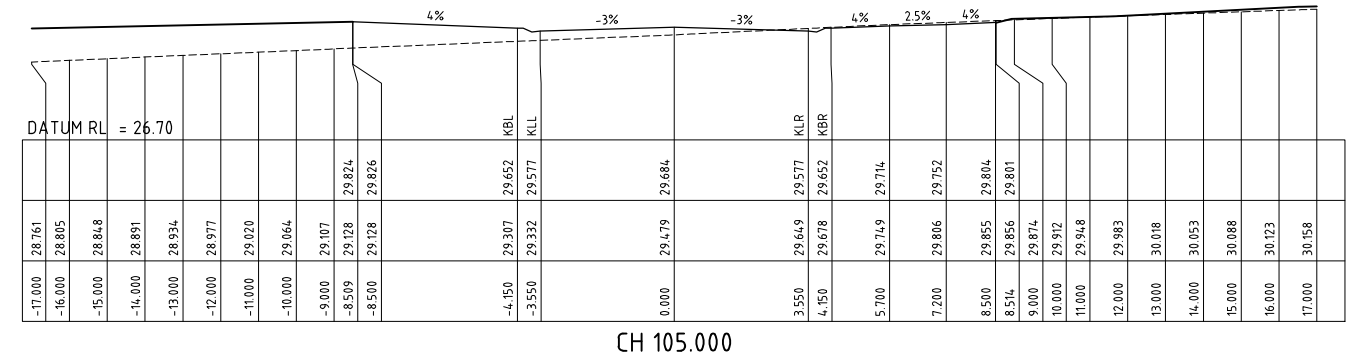
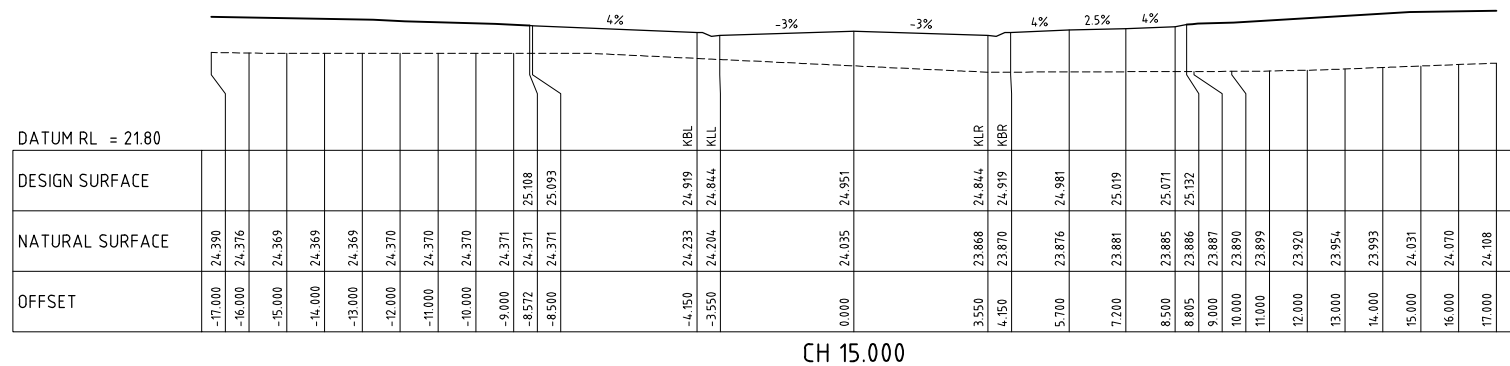
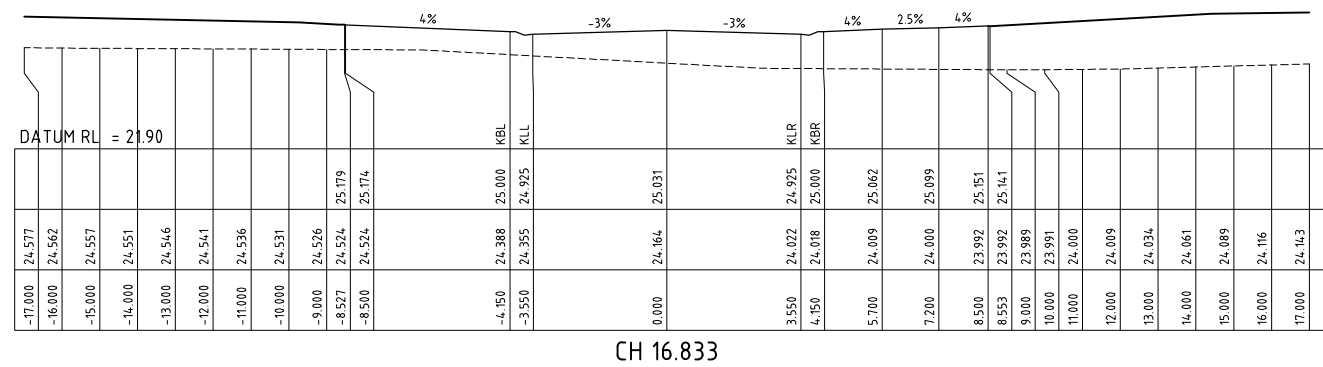
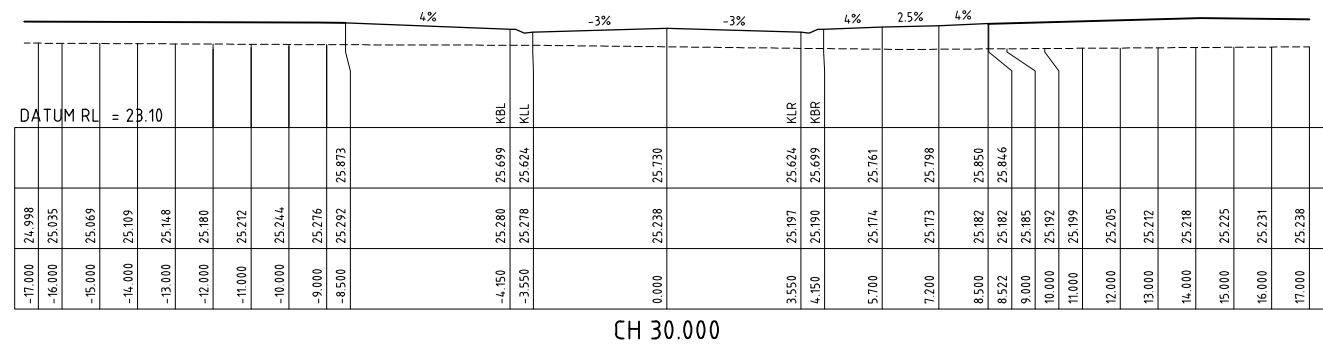
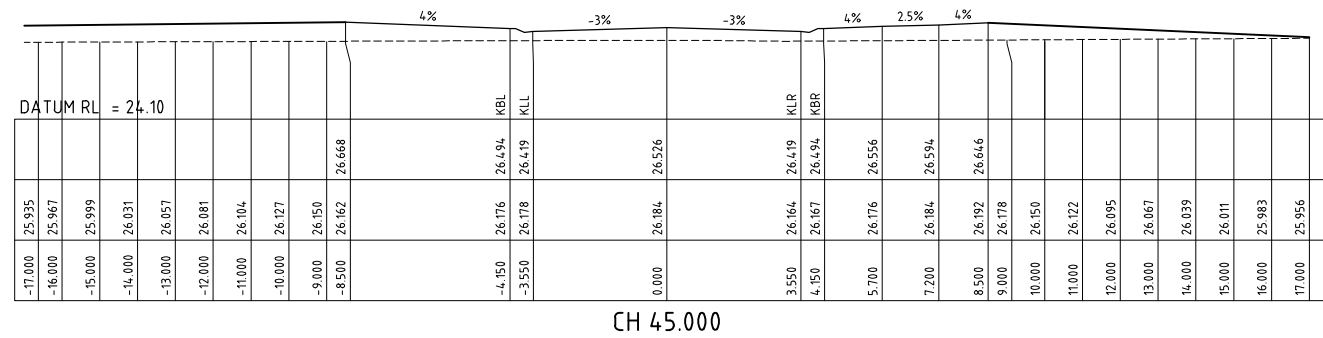
Designed
AM
Cad Reference
22311C dC352 r5
Project Approval
IAN HILL (B.E)
Consulting Civil Engineer

Scale
1:500H/1:100V
Client
DB20 PTY LTD



ANAMBAH URBAN RELEASE AREA
ANAMBAH ROAD
ANAMBAH - DA1
ROAD 5 LONG SECTION (3 OF 3)

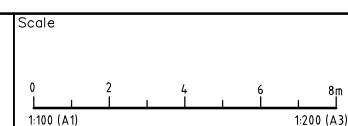
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Drawing No
C352
Revision
5
A1 SHEET



PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

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4	GENERAL AMENDMENTS	A M	I H	28.04.25
2	CLIENT COMMENTS	JE	I H	03.02.25
1	ORIGINAL ISSUE	JE	I H	23.01.25
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Designed AM	Scale 1:100
Cad Reference 22311C dC353 r5	
Project Approval IAN HILL (B.E) Consulting Civil Engineer	

	Client
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ANAMBAH URBAN RELEASE AREA
ANAMBAH ROAD
ANAMBAH - DA1
ROAD 5 CROSS SECTIONS (1 OF 8)

Project No

22311C

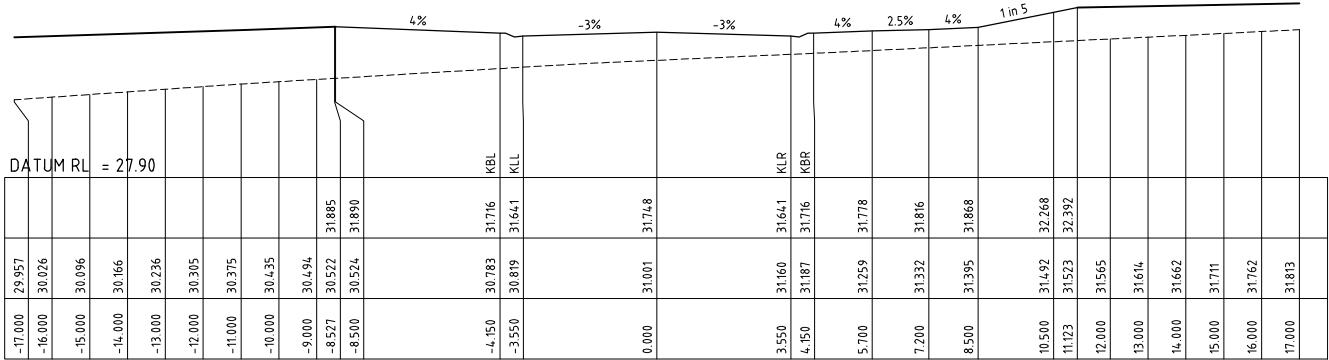
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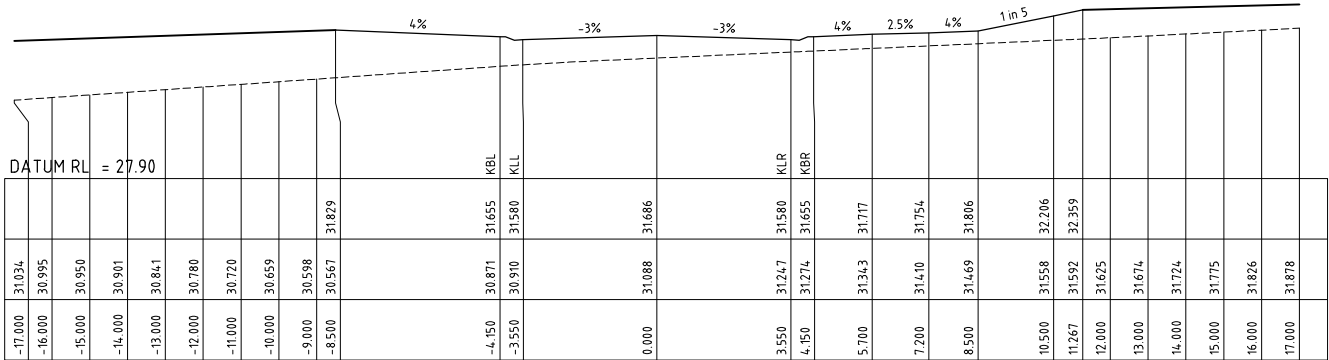
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5 |

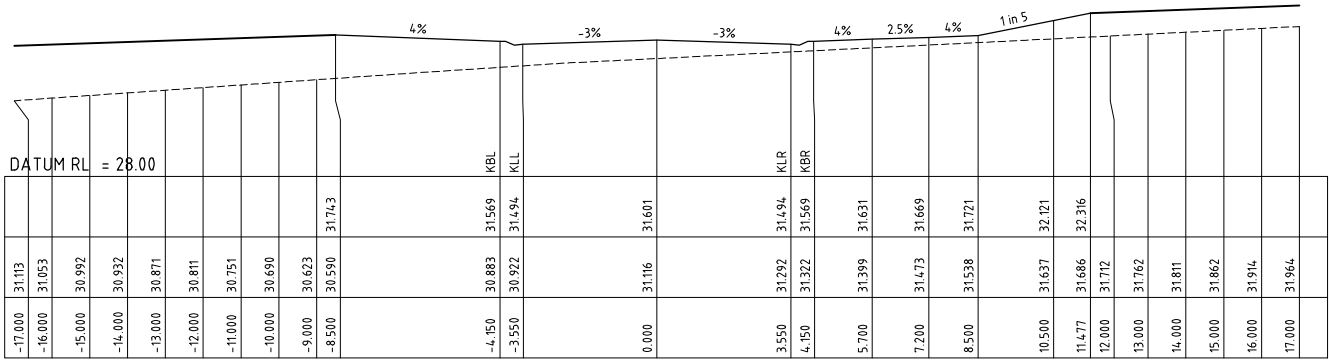
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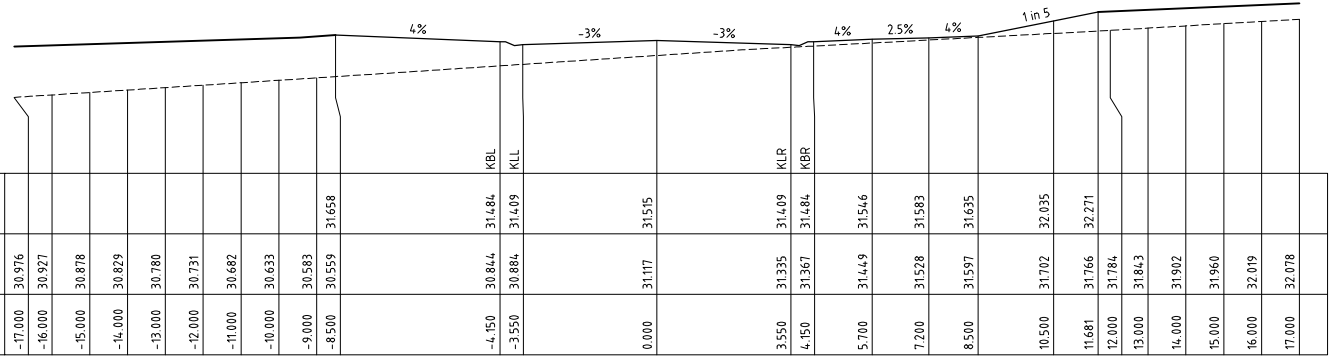
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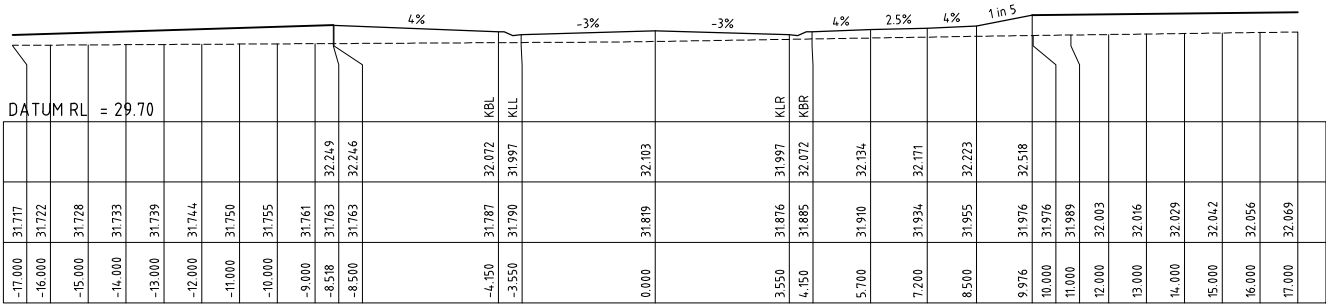
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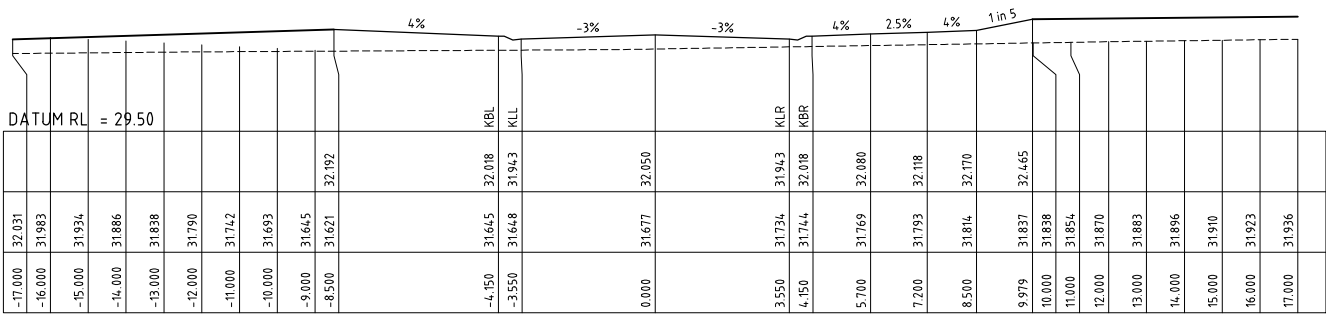
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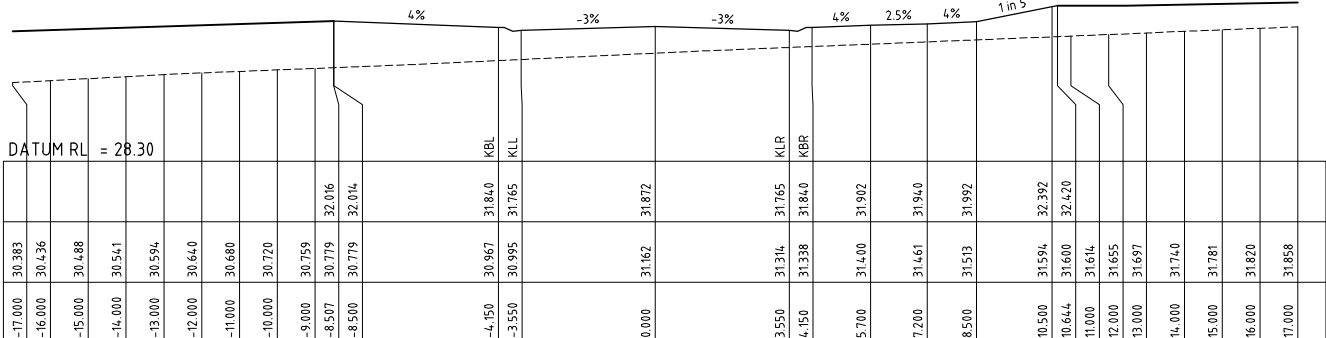
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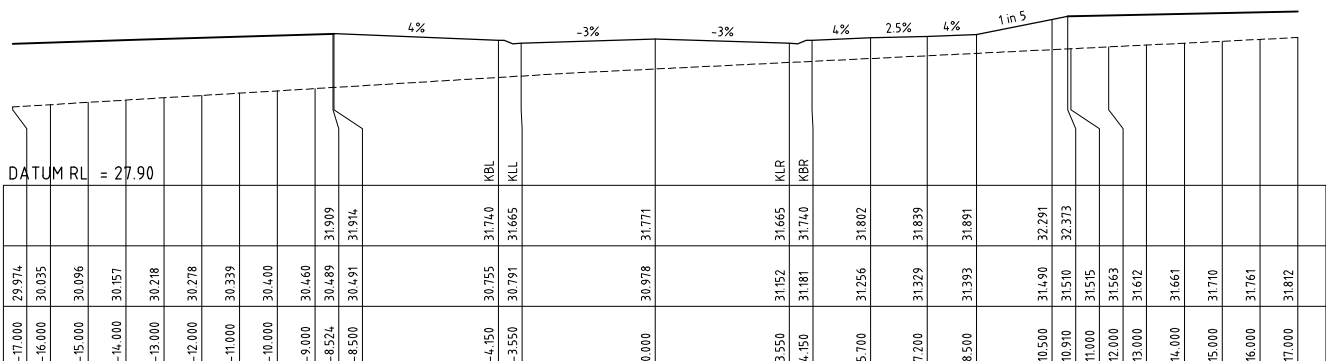
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CH 312.272



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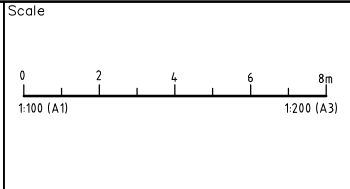


CH 285.000

PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

REVISION	Description	Drawn	App'd	Date
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4	GENERAL AMENDMENTS	AM	IH	28.04.25
2	CLIENT COMMENTS	JE	IH	03.02.25
1	ORIGINAL ISSUE	JE	IH	23.01.25

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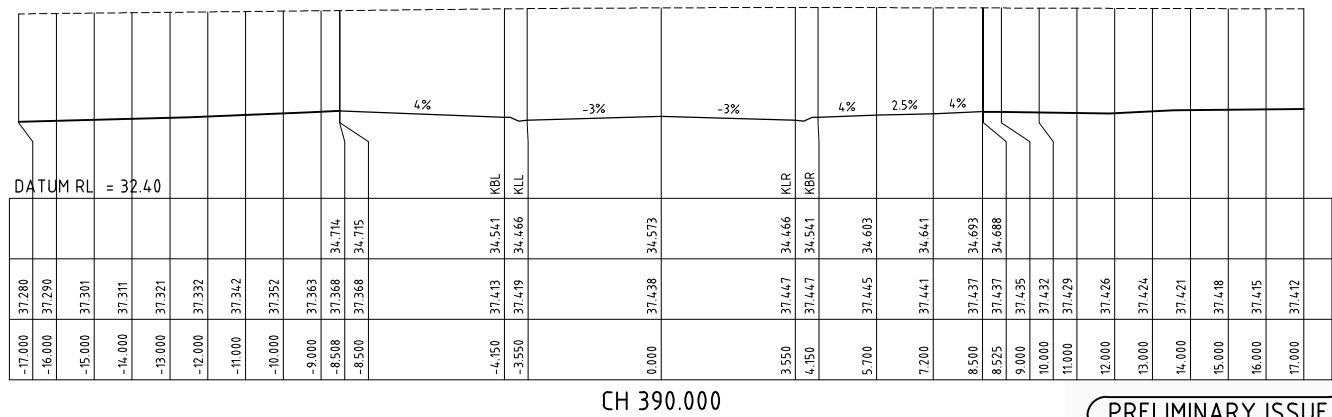
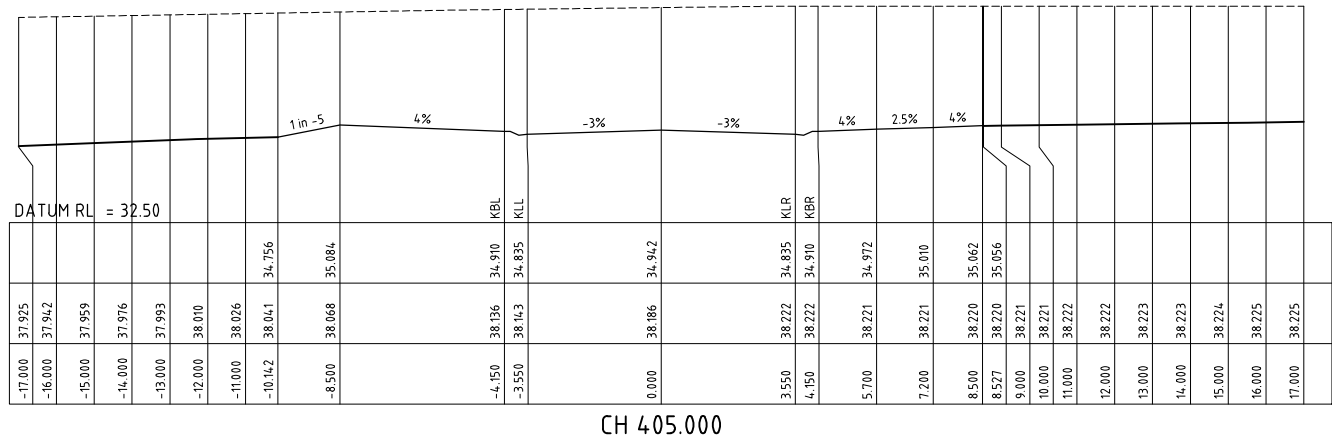
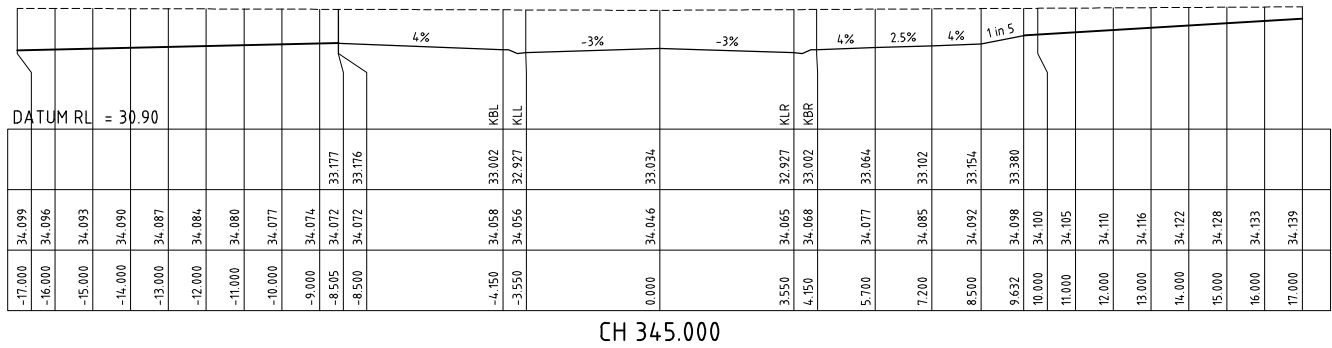
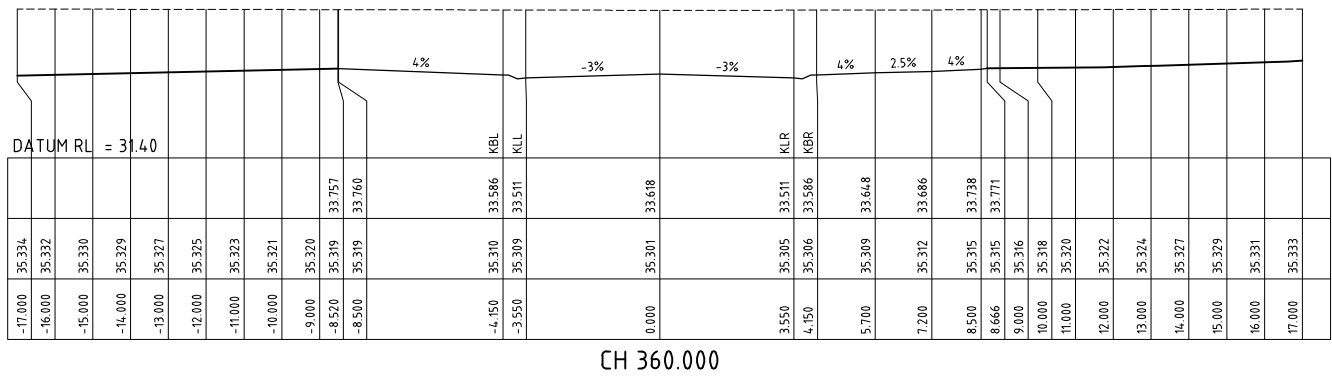
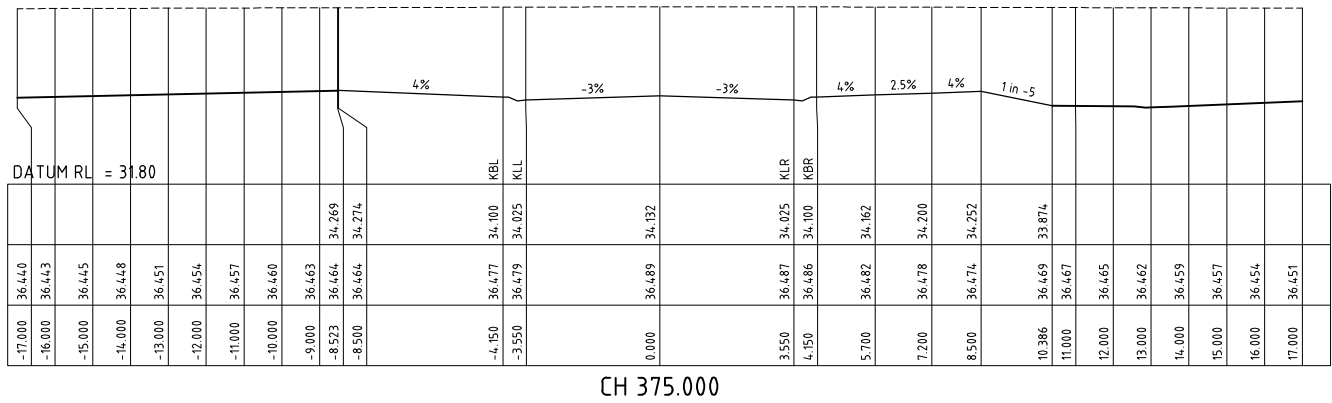
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Cad Reference 22311C dC354 r5	
Project Approval IAN HILL (B.E) Consulting Civil Engineer	

Client
DB20 PTY LTD



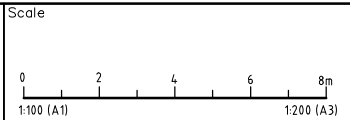
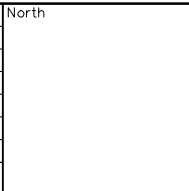
ANAMBAH URBAN RELEASE AREA
ANAMBAH ROAD
ANAMBAH - DA1
ROAD 5 CROSS SECTIONS (2 OF 8)

Project No 22311C	Drawing No C354	Revision 5
A1 SHEET		

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PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

5	GENERAL AMENDMENTS	A.M	I.H	19.05.25
4	GENERAL AMENDMENTS	A.M	I.H	28.04.25
2	CLIENT COMMENTS	J.E	I.H	03.02.25
1	ORIGINAL ISSUE	J.E	I.H	23.01.25
REVISION	Description	Drawn	App'd	Date



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Designed AM	Scale 1:100
Cad Reference 22311C dC355 r5	
Project Approval IAN HILL (B.E) Consulting Civil Engineer	

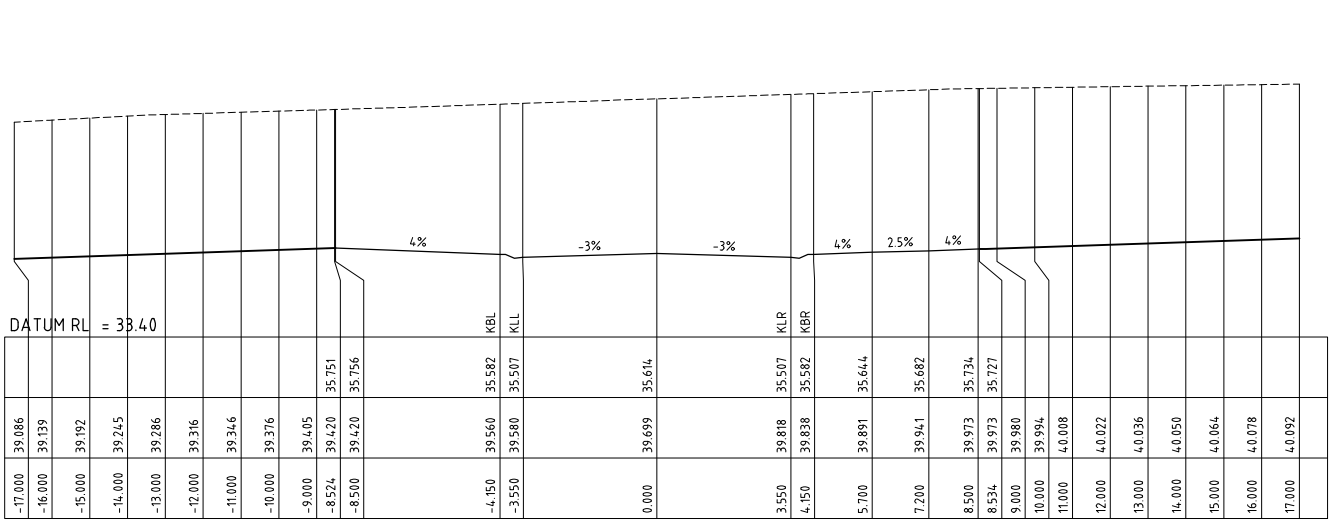
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DB20 PTY LTD

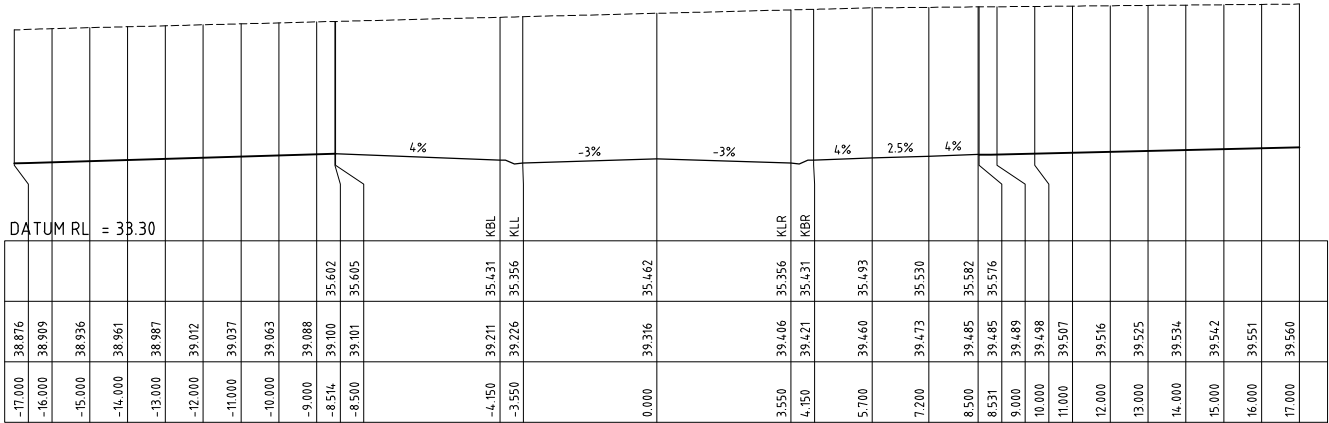


ANAMBAH URBAN RELEASE AREA
ANAMBAH ROAD
ANAMBAH - DA1
ROAD 5 CROSS SECTIONS (3 OF 8)

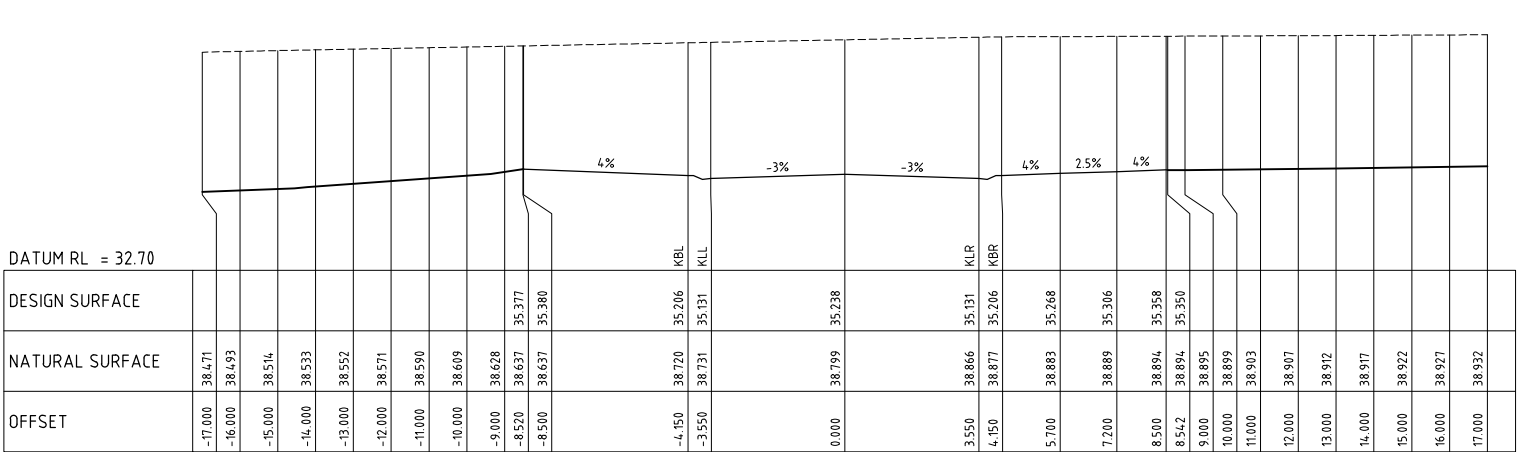
Project No		22311C	
Drawing No		Revision	
C355		5	
A1 SHEET			



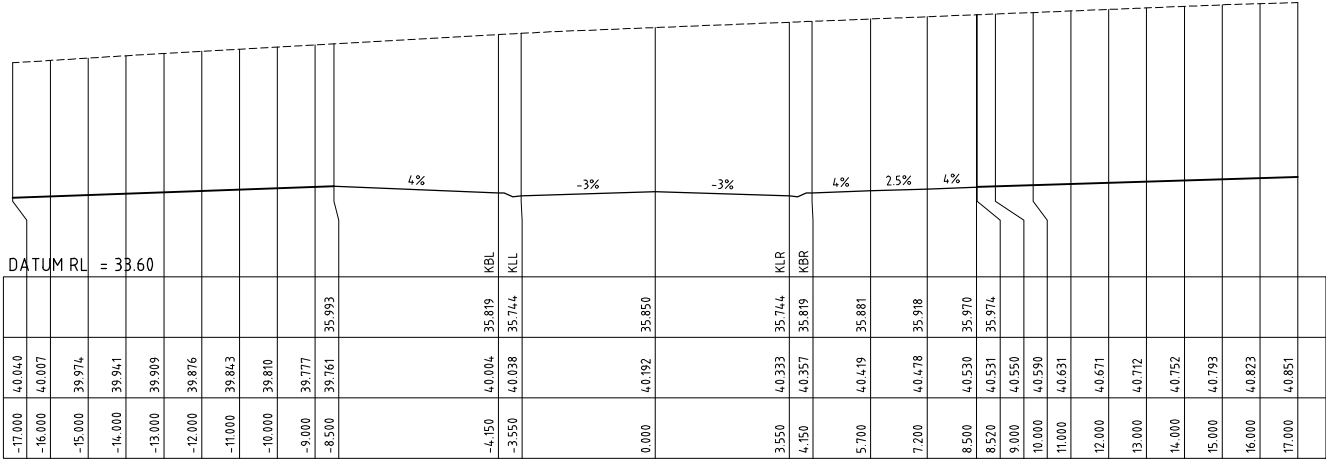
CH 450.000



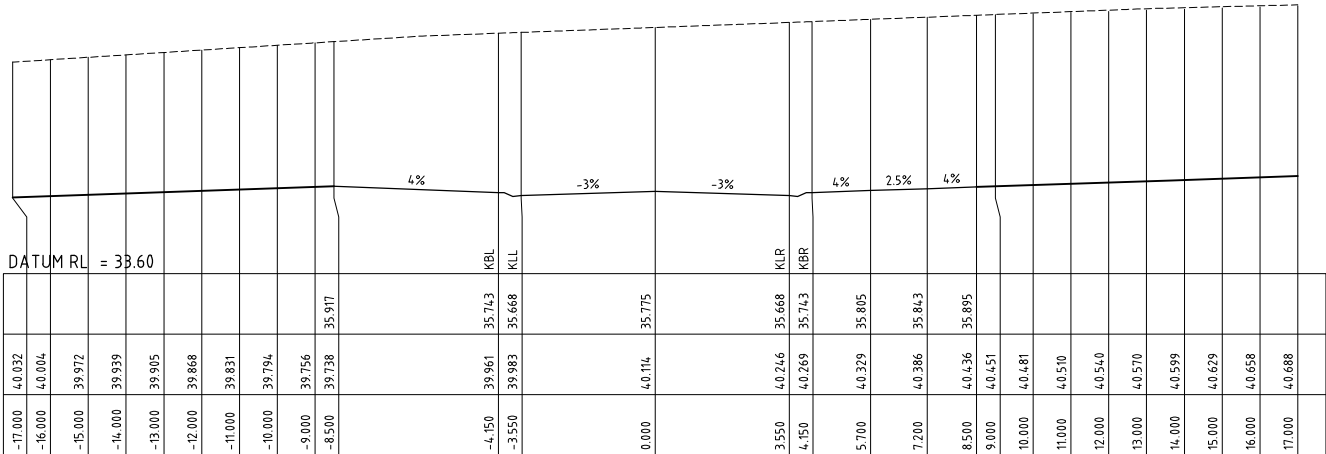
CH 435.000



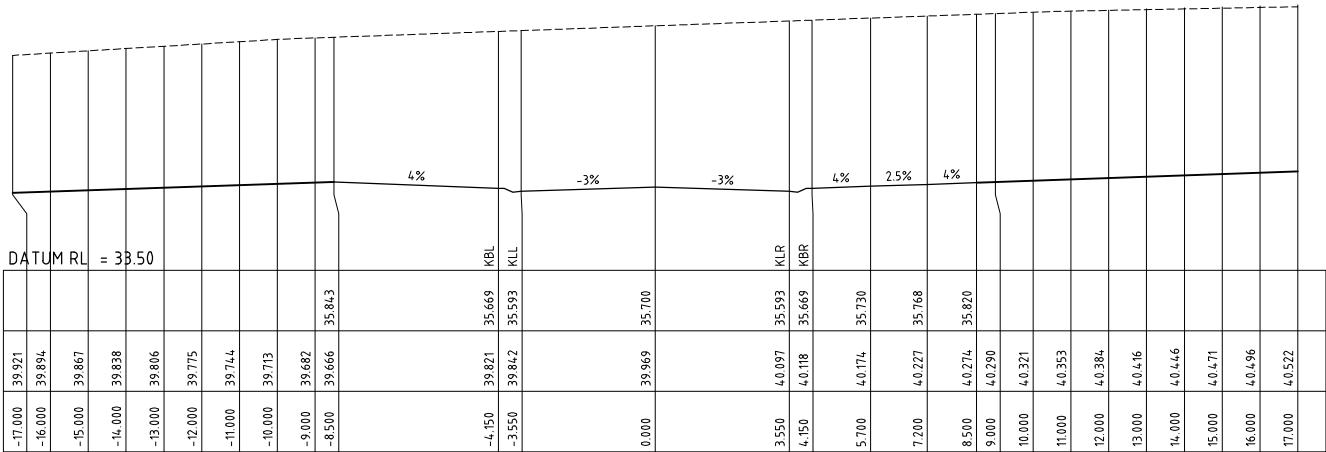
CH 420.000



CH 495.000



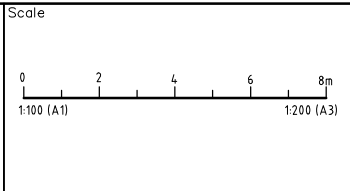
CH 480.000



CH 465.000

REVISION	Description	Drawn	App'd	Date
5	GENERAL AMENDMENTS	AM	IH	19.05.25
4	GENERAL AMENDMENTS	AM	IH	28.04.25
2	CLIENT COMMENTS	JE	IH	03.02.25
1	ORIGINAL ISSUE	JE	IH	23.01.25

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Designed AM	Scale 1:100
Cad Reference 22311C dC356 r5	
Project Approval IAN HILL (B.E) Consulting Civil Engineer	

Client

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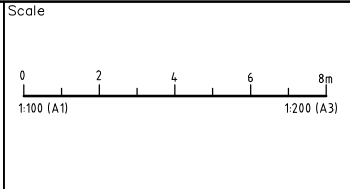


ANAMBAH URBAN RELEASE AREA
ANAMBAH ROAD
ANAMBAH - DA1
ROAD 5 CROSS SECTIONS (4 OF 8)

Project No 22311C	Revision 5
Drawing No C356	
A1 SHEET	

5	GENERAL AMENDMENTS		AM	IH	19.05.25
4	GENERAL AMENDMENTS		AM	IH	28.04.25
2	CLIENT COMMENTS		JE	IH	03.02.25
1	ORIGINAL ISSUE		JE	IH	23.01.25
REVISION	Description	Drawn	App'd	Date	

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Designed AM	Scale 1:100
Cad Reference 22311C dC357 r5	
Project Approval IAN HILL (B.E) Consulting Civil Engineer	

Client

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ANAMBAH URBAN RELEASE AREA
ANAMBAH ROAD
ANAMBAH - DA1

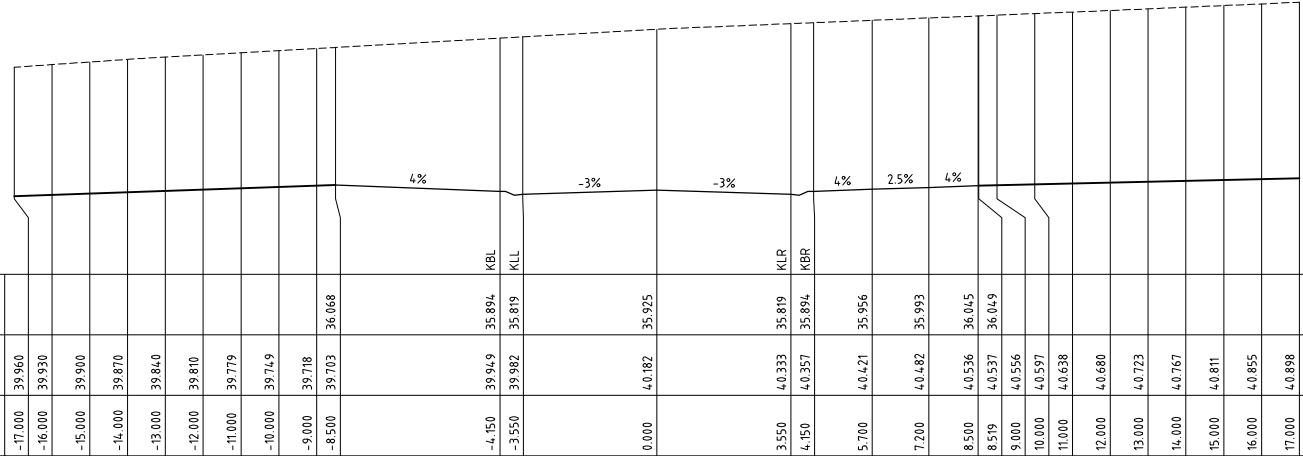
ROAD 5 CROSS SECTIONS (5 OF 8)

Project No 22311C	
Drawing No C357	Revision 5
A1 SHEET	

DATUM RL = 33.70

DESIGN SURFACE	
NATURAL SURFACE	
OFFSET	
-17.000	39.960
-16.000	39.930
-15.000	39.900
-14.000	39.870
-13.000	39.840
-12.000	39.810
-11.000	39.779
-10.000	39.749
-9.000	39.718
-8.500	39.703
-4.150	39.949
-3.550	39.982
0.000	40.182
3.550	40.333
4.150	40.357
5.700	40.421
7.200	40.482
8.500	40.536
8.519	40.537
9.000	40.556
10.000	40.597
11.000	40.638
12.000	40.680
13.000	40.723
14.000	40.767
15.000	40.811
16.000	40.855
17.000	40.898

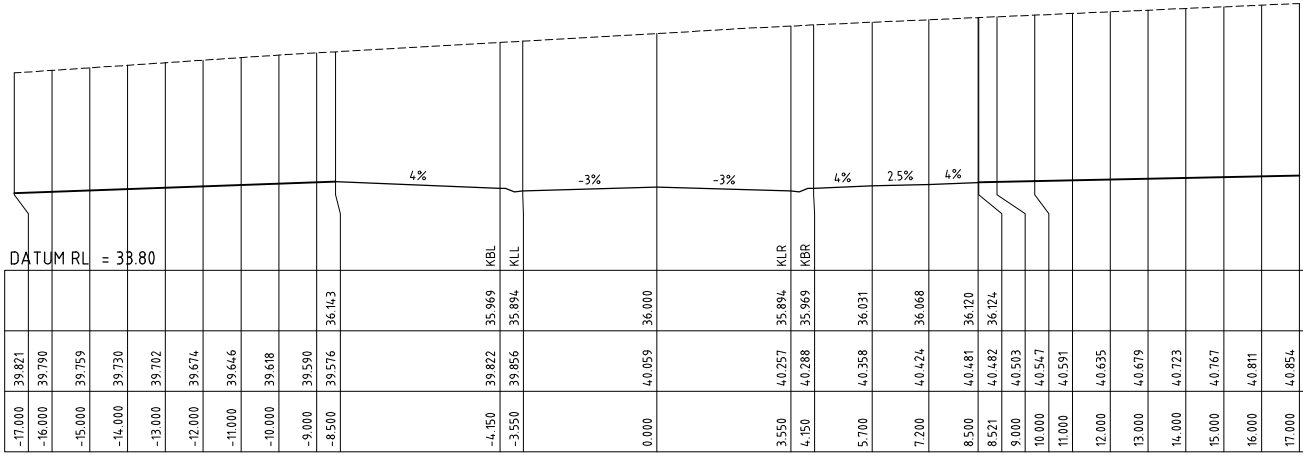
CH 510.000



DATUM RL = 33.80

-17.000	39.821
-16.000	39.790
-15.000	39.759
-14.000	39.730
-13.000	39.702
-12.000	39.674
-11.000	39.646
-10.000	39.618
-9.000	39.590
-8.500	39.576
-4.150	39.822
-3.550	39.856
0.000	40.059
3.550	40.257
4.150	40.288
5.700	40.358
7.200	40.424
8.500	40.481
8.521	40.482
9.000	40.503
10.000	40.547
11.000	40.591
12.000	40.635
13.000	40.679
14.000	40.723
15.000	40.767
16.000	40.811
17.000	40.854

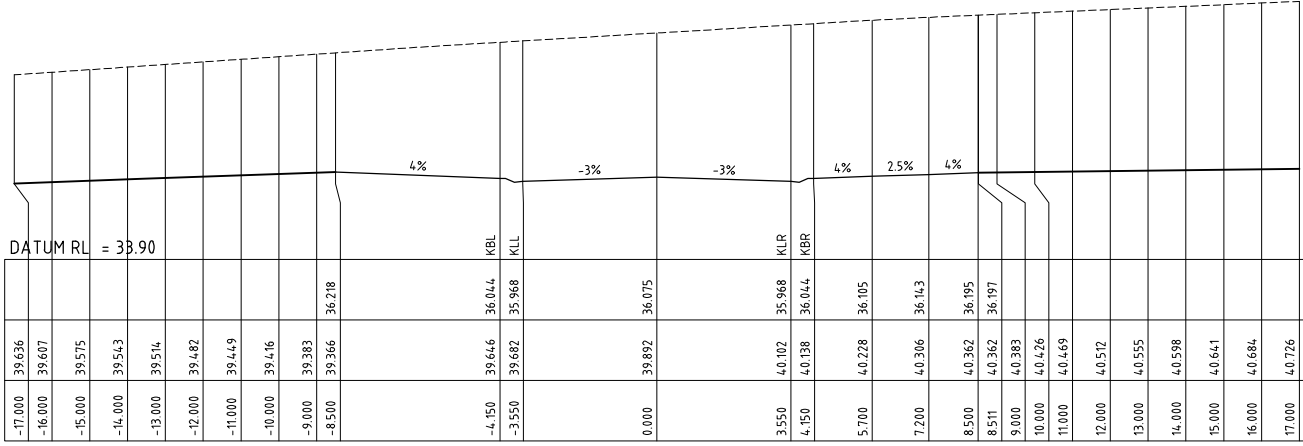
CH 525.000



DATUM RL = 33.90

-17.000	39.636
-16.000	39.607
-15.000	39.575
-14.000	39.543
-13.000	39.514
-12.000	39.482
-11.000	39.449
-10.000	39.416
-9.000	39.383
-8.500	39.366
-4.150	39.646
-3.550	39.682
0.000	39.892
3.550	40.102
4.150	40.138
5.700	40.228
7.200	40.306
8.500	40.362
8.511	40.362
9.000	40.383
10.000	40.426
11.000	40.469
12.000	40.512
13.000	40.555
14.000	40.598
15.000	40.641
16.000	40.684
17.000	40.726

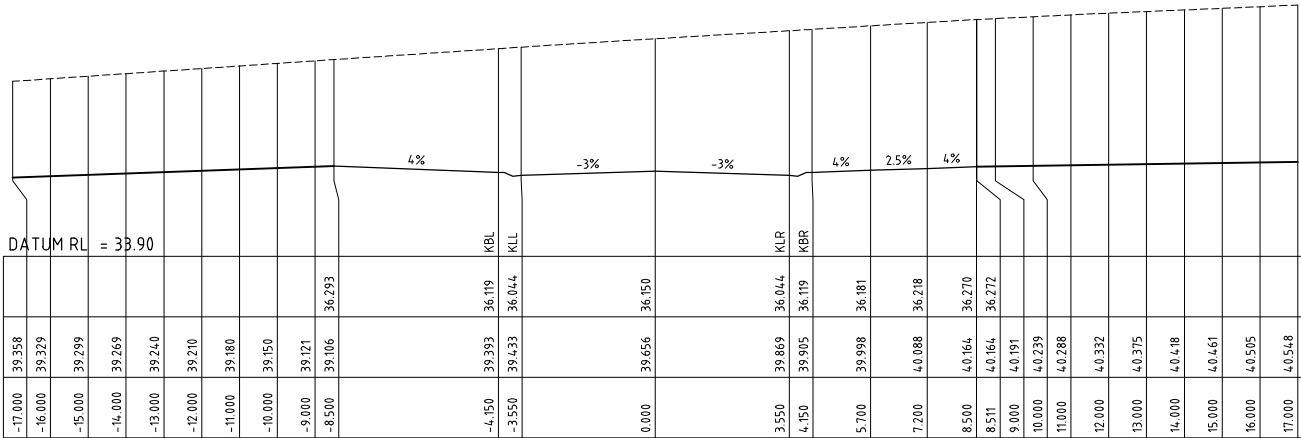
CH 540.000



DATUM RL = 33.90

-17.000	39.958
-16.000	39.929
-15.000	39.900
-14.000	39.869
-13.000	39.840
-12.000	39.810
-11.000	39.780
-10.000	39.750
-9.000	39.721
-8.500	39.706
-4.150	39.993
-3.550	39.933
0.000	39.956
3.550	39.969
4.150	39.905
5.700	39.998
7.200	40.088
8.500	40.164
8.511	40.164
9.000	40.191
10.000	40.239
11.000	40.288
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13.000	40.375
14.000	40.418
15.000	40.461
16.000	40.505
17.000	40.548

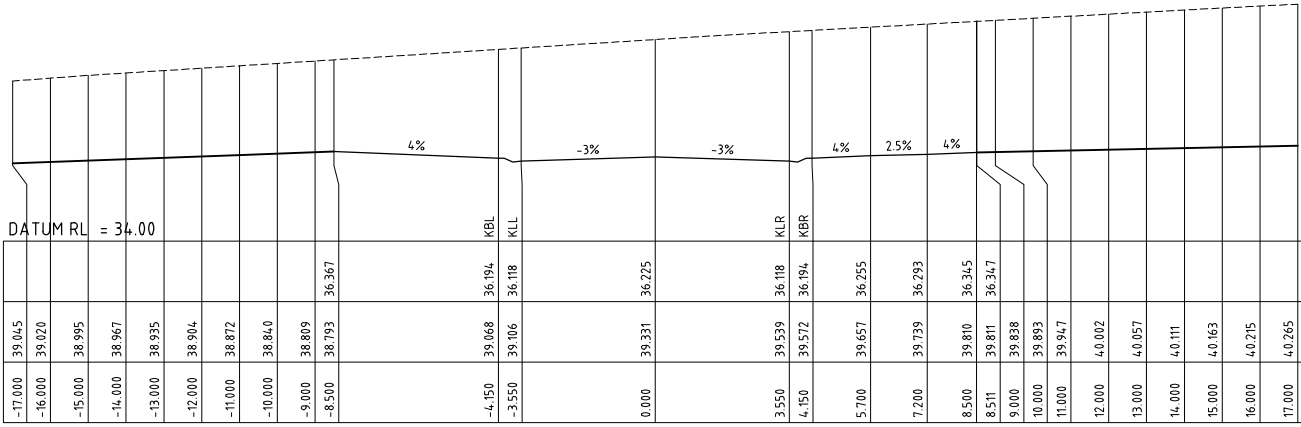
CH 555.000



DATUM RL = 34.00

-17.000	39.045
-16.000	39.020
-15.000	38.995
-14.000	38.967
-13.000	38.935
-12.000	38.904
-11.000	38.872
-10.000	38.840
-9.000	38.809
-8.500	38.793
-4.150	39.068
-3.550	39.106
0.000	39.331
3.550	39.539
4.150	39.572
5.700	39.657
7.200	39.739
8.500	39.810
8.511	39.811
9.000	39.838
10.000	39.893
11.000	39.947
12.000	40.002
13.000	40.057
14.000	40.111
15.000	40.163
16.000	40.215
17.000	40.265

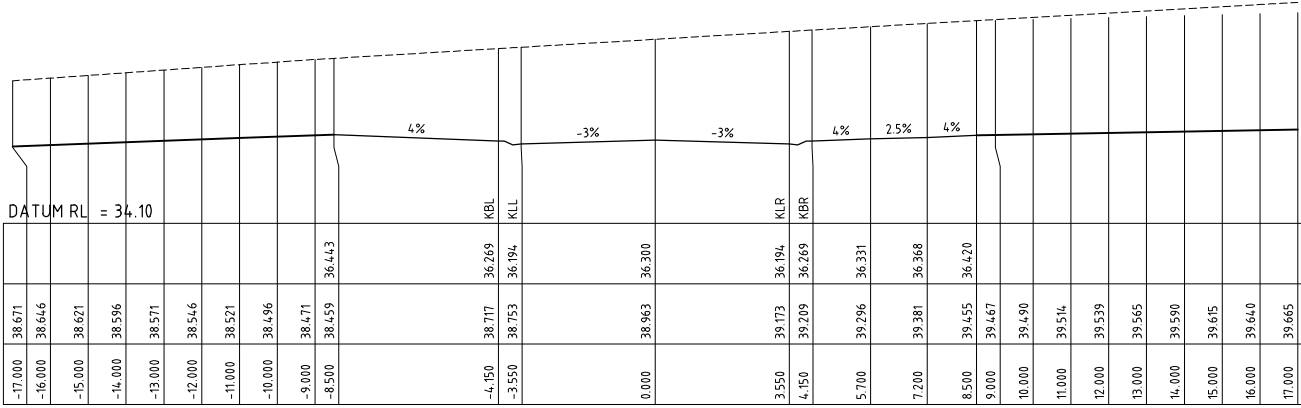
CH 570.000



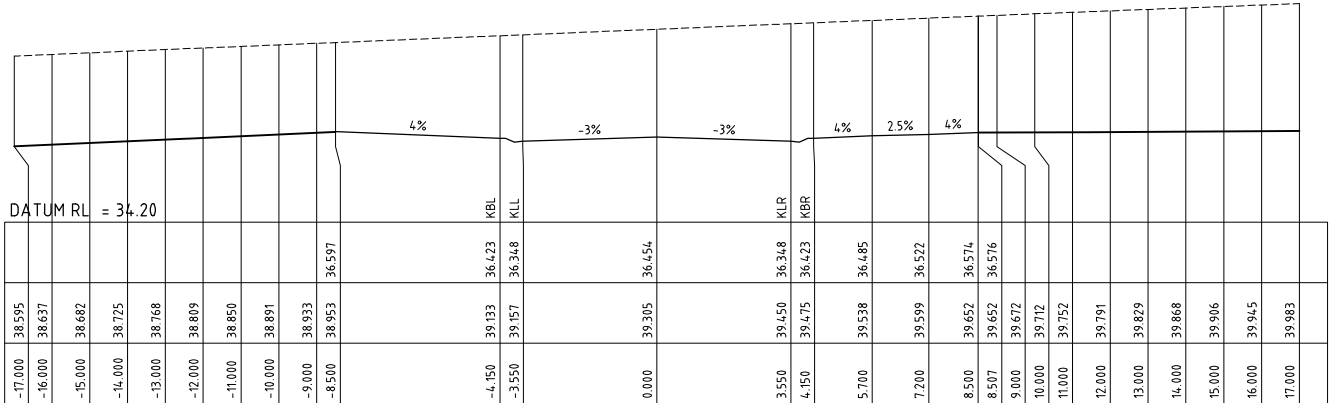
DATUM RL = 34.10

-17.000	38.671
-16.000	38.646
-15.000	38.621
-14.000	38.596
-13.000	38.571
-12.000	38.546
-11.000	38.521
-10.000	38.496
-9.000	38.471
-8.500	38.459
-4.150	38.717
-3.550	38.753
0.000	38.963
3.550	39.173
4.150	39.209
5.700	39.296
7.200	39.381
8.500	39.455
9.000	39.467
10.000	39.490
11.000	39.514
12.000	39.539
13.000	39.565
14.000	39.590
15.000	39.615
16.000	39.640
17.000	39.665

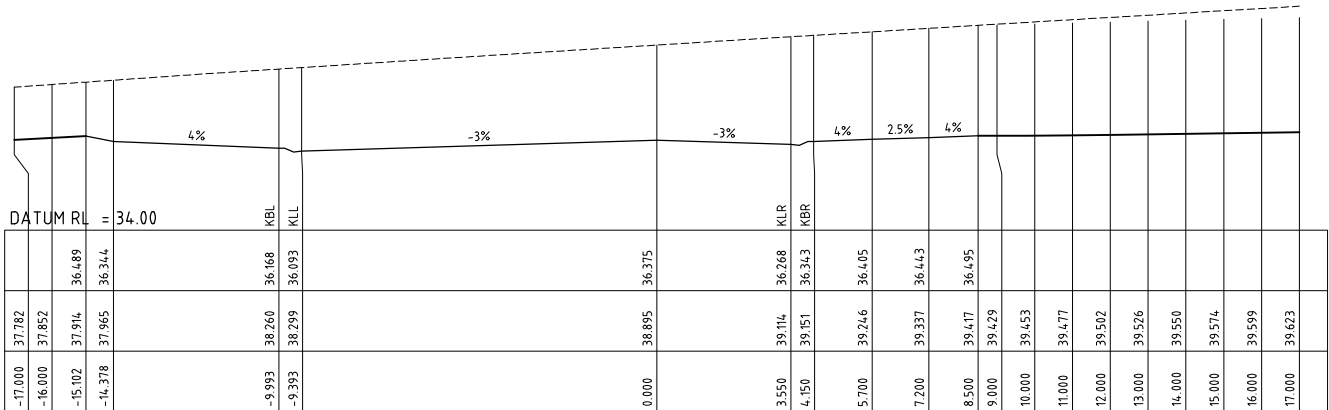
CH 585.000



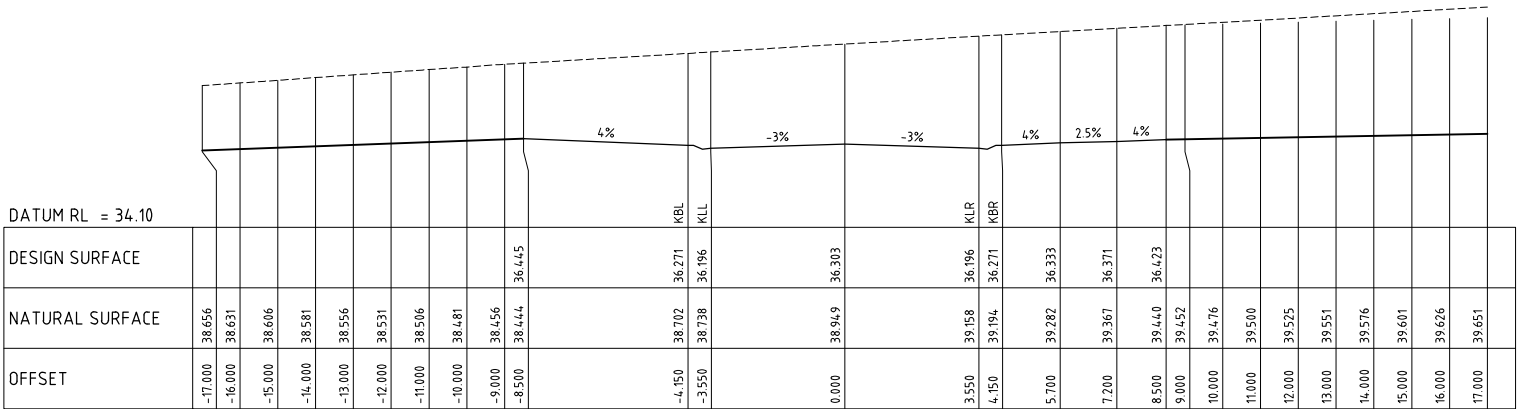
PRELIMINARY ISSUE
NOT FOR CONSTRUCTION



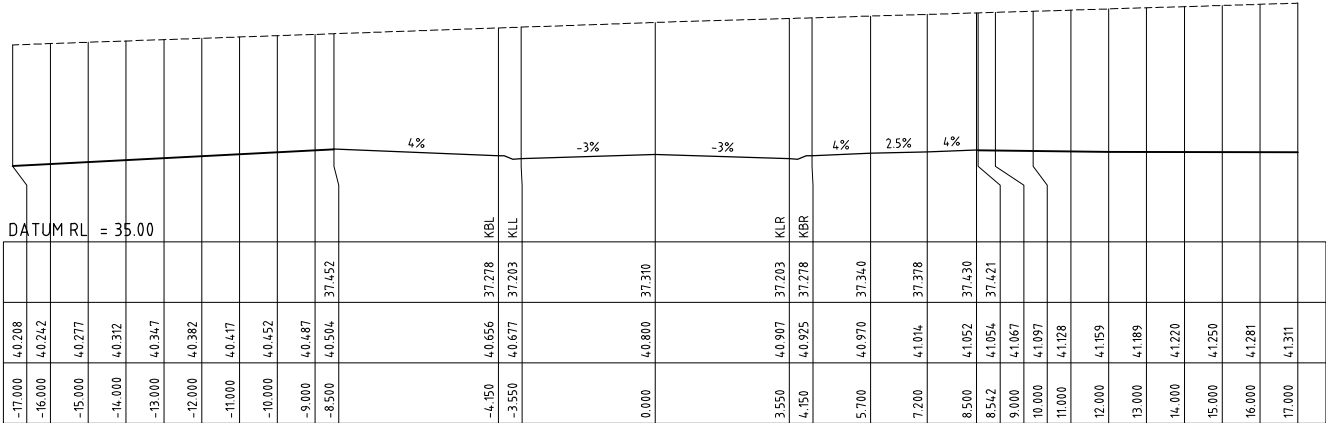
CH 611.666



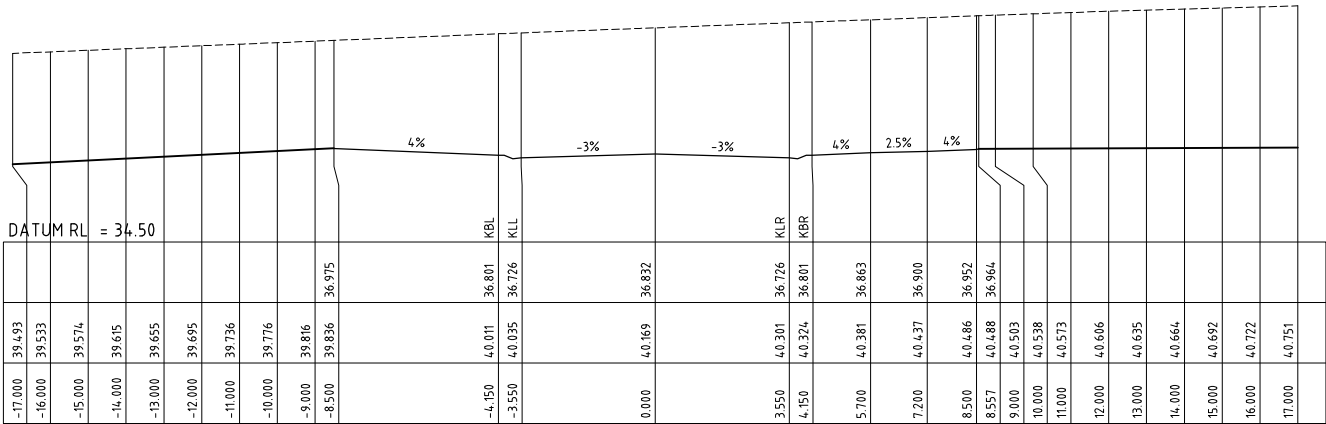
CH 600.000



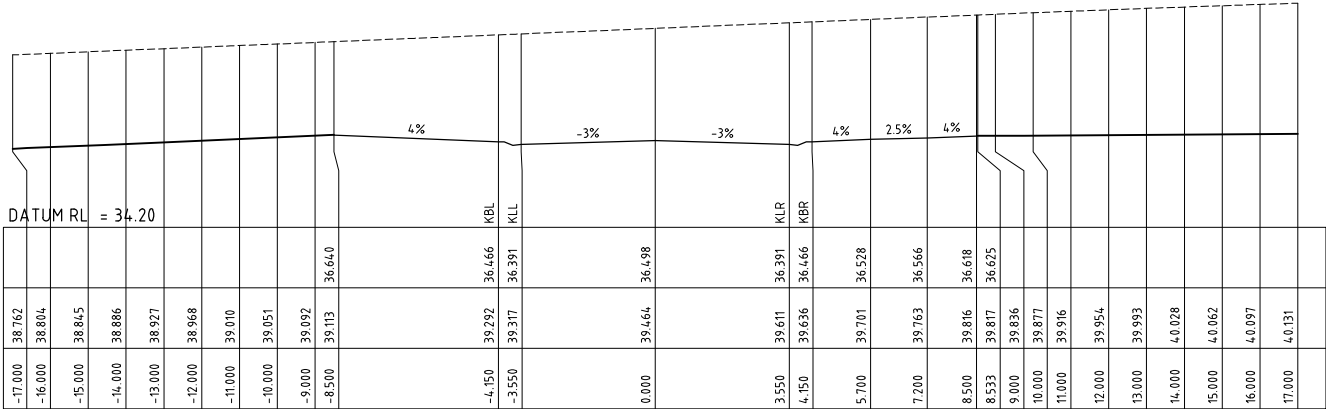
CH 585.570



CH 645.000



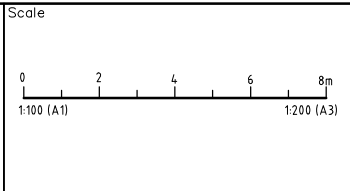
CH 630.000



CH 615.000

REVISION	Description	Drawn	App'd	Date
5	GENERAL AMENDMENTS	AM	IH	19.05.25
4	GENERAL AMENDMENTS	AM	IH	28.04.25
2	CLIENT COMMENTS	JE	IH	03.02.25
1	ORIGINAL ISSUE	JE	IH	23.01.25

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Designed AM	Scale 1:100
Cad Reference 22311C dC358 r5	
Project Approval IAN HILL (B.E) Consulting Civil Engineer	

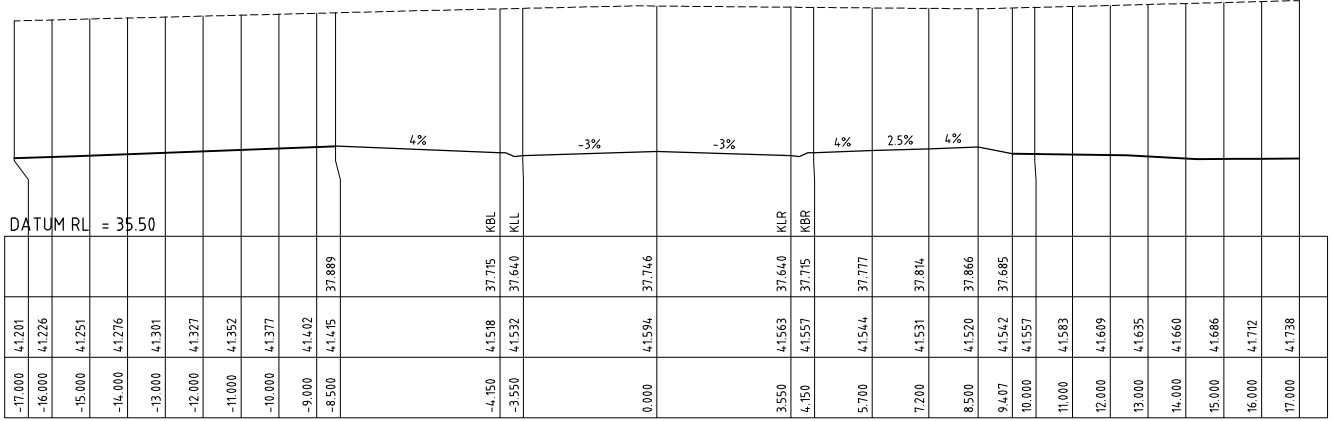
Client

DB20 PTY LTD

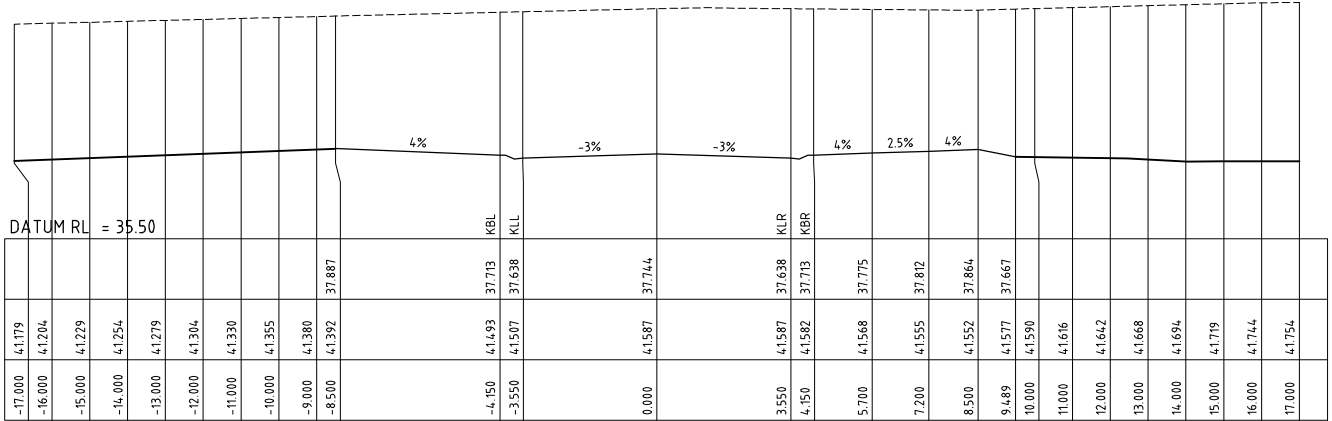


ANAMBAH URBAN RELEASE AREA
ANAMBAH ROAD
ANAMBAH - DA1
ROAD 5 CROSS SECTIONS (6 OF 8)

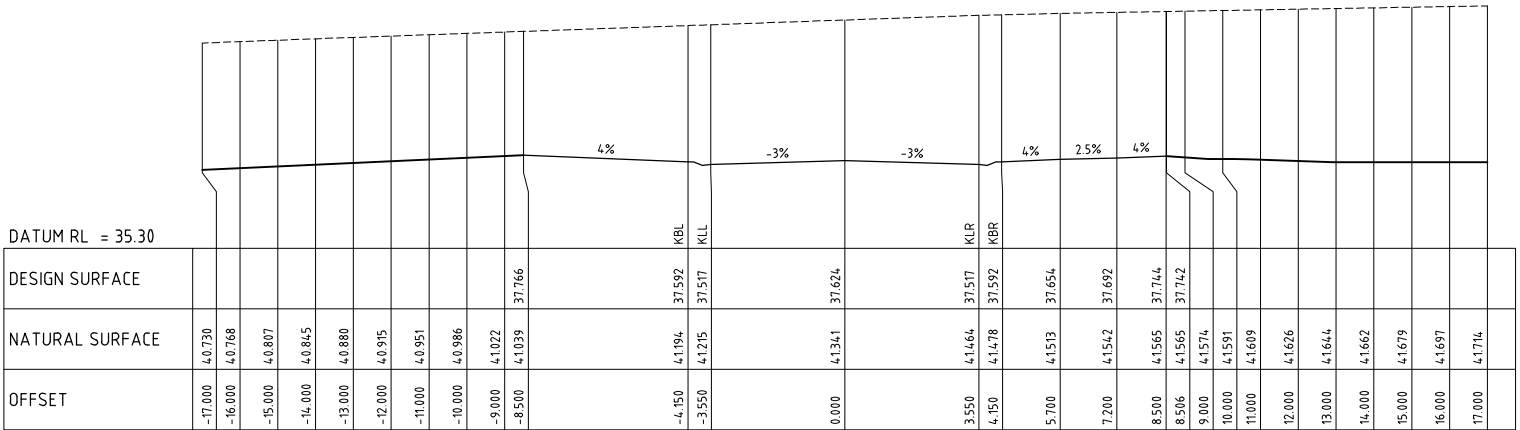
Project No 22311C	Revision 5
Drawing No C358	
A1 SHEET	



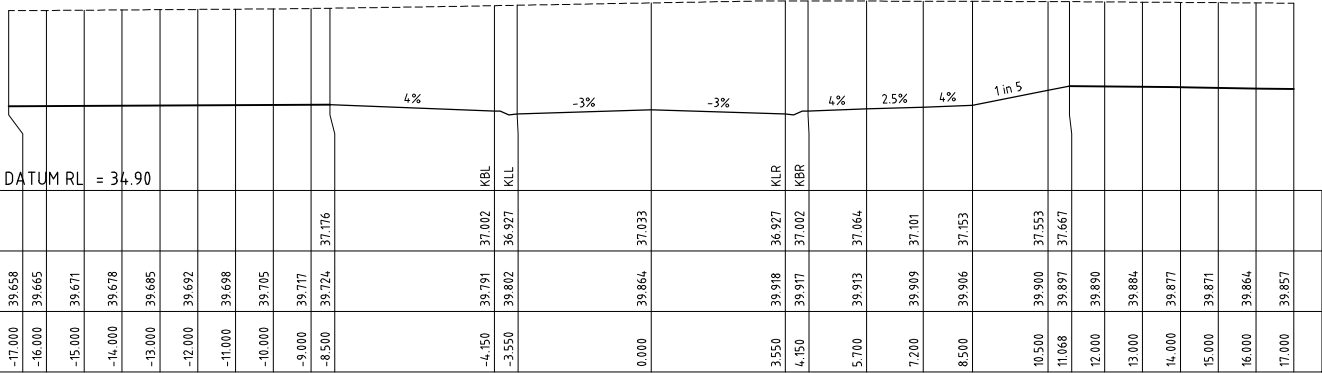
CH 676.905



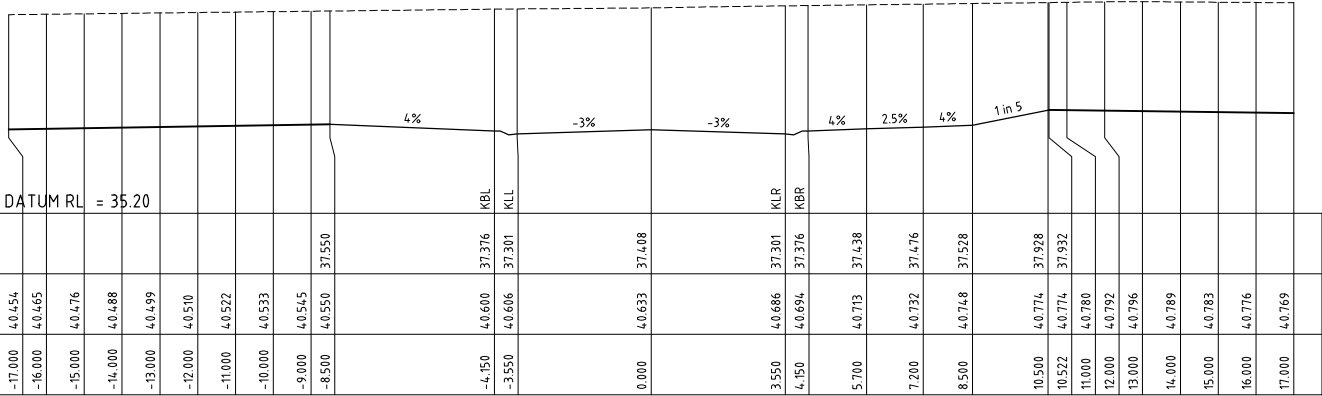
CH 675.000



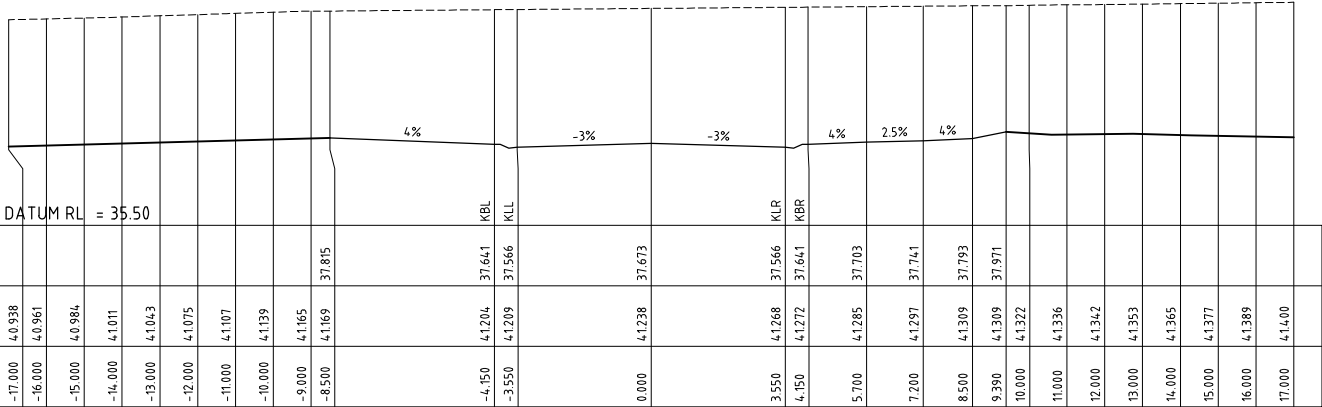
CH 660.000



CH 720.000



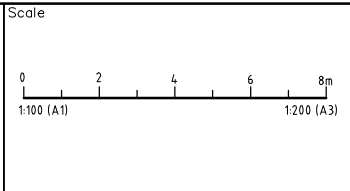
CH 705.000



CH 690.000

REVISION	Description	Drawn	App'd	Date
5	GENERAL AMENDMENTS	AM	IH	19.05.25
4	GENERAL AMENDMENTS	AM	IH	28.04.25
2	CLIENT COMMENTS	JE	IH	03.02.25
1	ORIGINAL ISSUE	JE	IH	23.01.25

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Designed AM	Scale 1:100
Cad Reference 22311C dC359 r5	
Project Approval IAN HILL (B.E) Consulting Civil Engineer	

Client
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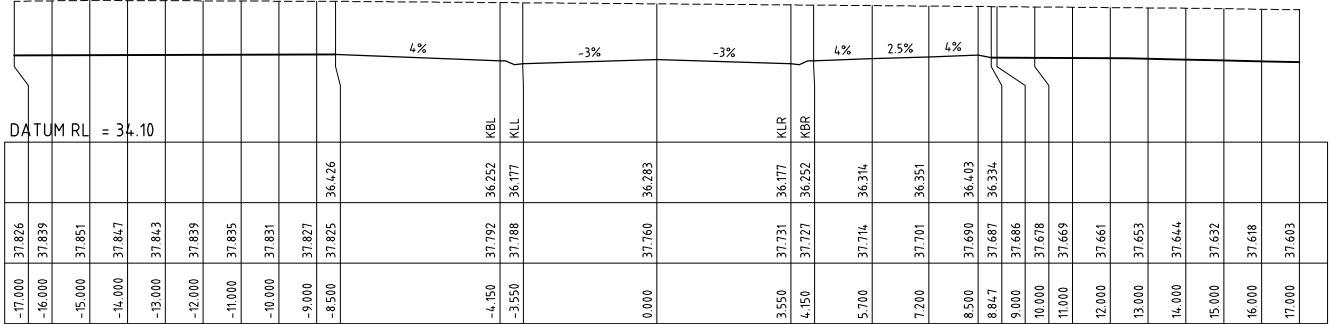
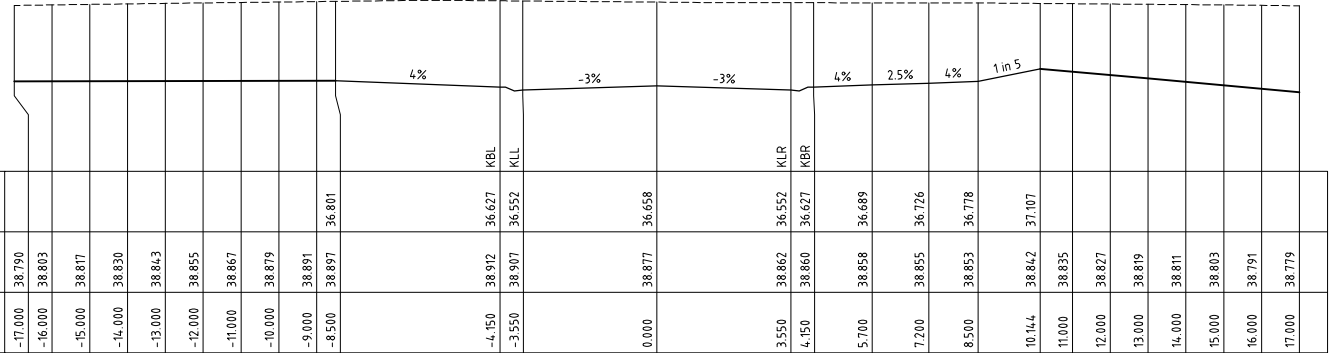
ANAMBAH URBAN RELEASE AREA
ANAMBAH ROAD
ANAMBAH - DA1
ROAD 5 CROSS SECTIONS (7 OF 8)

Project No 22311C	Revision 5
Drawing No C359	
A1 SHEET	

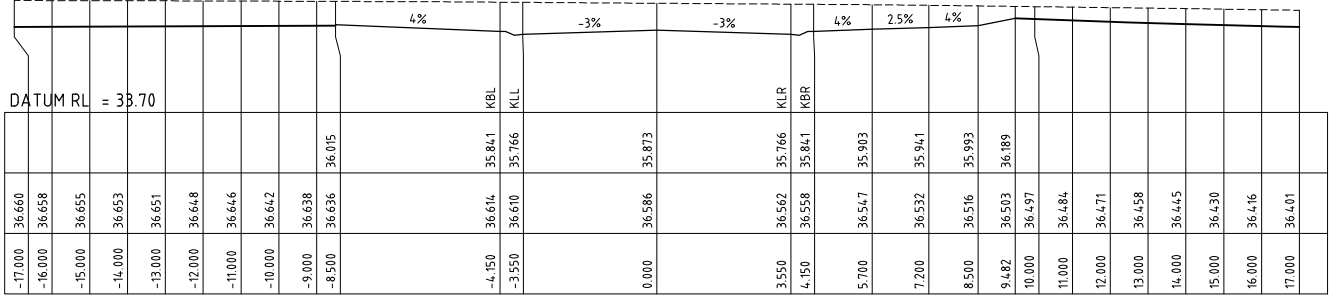
DATUM RL = 34.40

DESIGN SURFACE	
NATURAL SURFACE	
OFFSET	
-17.000	38.790
-16.000	38.803
-15.000	38.817
-14.000	38.830
-13.000	38.843
-12.000	38.855
-11.000	38.867
-10.000	38.879
-9.000	38.891
-8.500	38.897
-4.150	38.912
-3.550	38.907
0.000	38.877
3.550	38.862
4.150	38.860
5.700	38.858
7.200	38.855
8.500	38.853
10.144	38.842
11.000	38.835
12.000	38.827
13.000	38.819
14.000	38.811
15.000	38.803
16.000	38.791
17.000	38.779

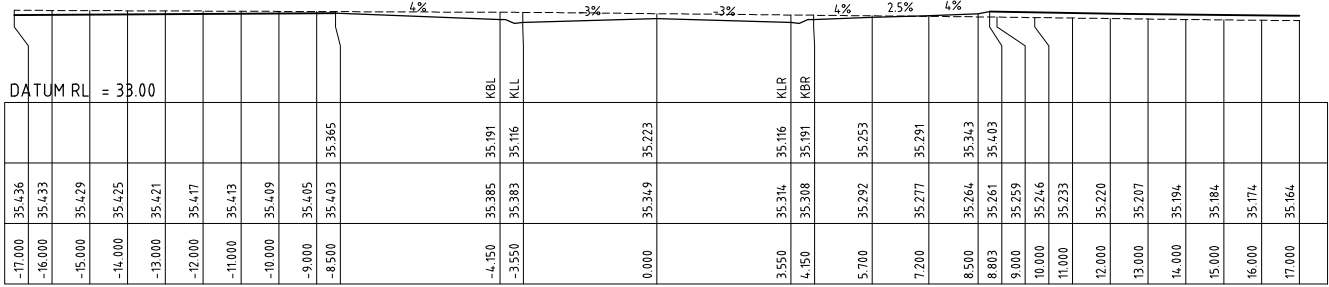
CH 735.000



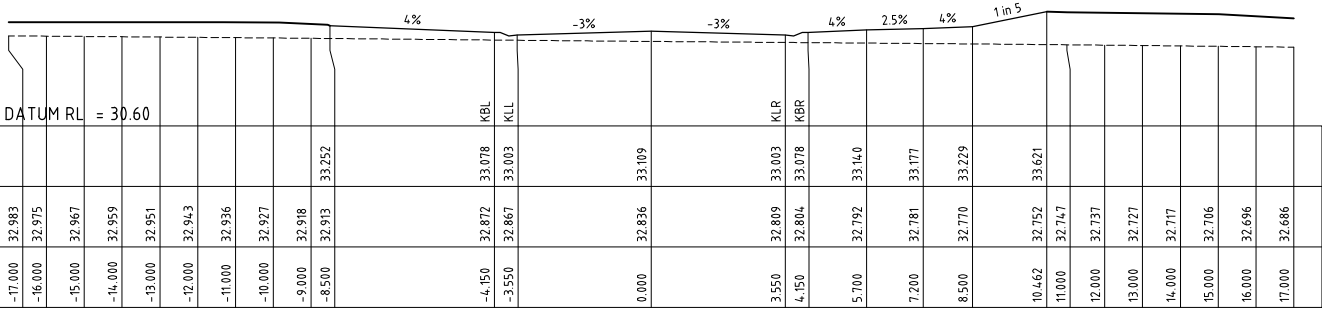
CH 750.000



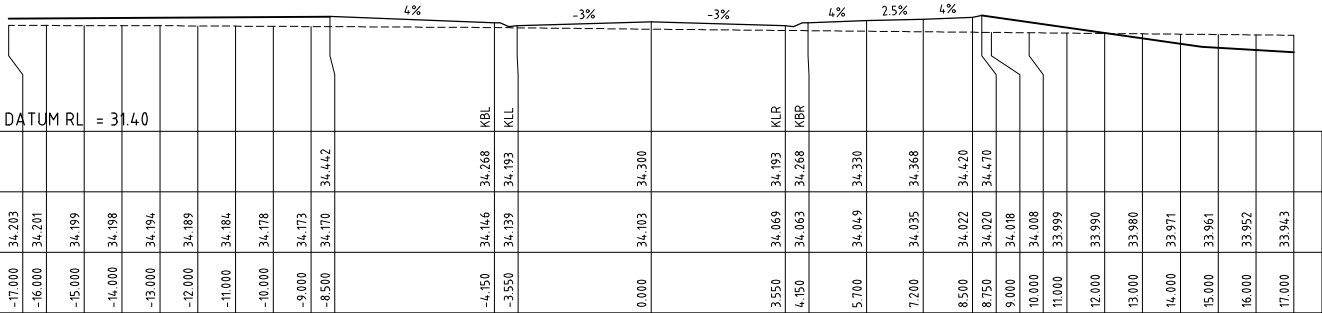
CH 765.000



CH 780.000



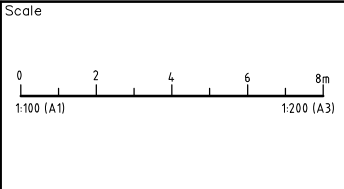
CH 810.000



CH 795.000

PRELIMINARY ISSUE
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					North
5	GENERAL AMENDMENTS		AM	IH	19.05.25
4	GENERAL AMENDMENTS		AM	IH	28.04.25
2	CLIENT COMMENTS		JE	IH	03.02.25
1	ORIGINAL ISSUE		JE	IH	23.01.25
REVISION	Description	Drawn	App'd	Date	



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Designed AM	Scale 1:100
Cad Reference 22311C dC362 r5	
Project Approval IAN HILL (B.E) Consulting Civil Engineer	

Client

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ANAMBAH URBAN RELEASE AREA
ANAMBAH ROAD
ANAMBAH - DA1
ROAD 6 CROSS SECTIONS (1 OF 3)

Project No
22311C

Drawing No C362	Revision 5
---------------------------	----------------------

A1 SHEET

DATUM RL = 35.20

DESIGN SURFACE	
NATURAL SURFACE	
OFFSET	
-17.000	41.157
-16.000	41.191
-15.000	41.325
-14.000	41.560
-13.000	41.795
-12.000	41.621
-11.000	41.633
-10.000	41.646
-9.000	41.659
-8.597	37.565
-8.500	41.665
-8.500	37.545
-4.150	41.721
-3.550	41.729
0.000	41.732
3.550	41.724
4.150	41.722
5.700	41.719
7.200	41.715
8.500	41.705
8.520	41.704
9.000	41.696
10.000	41.678
11.000	41.660
12.000	41.643
13.000	41.625
14.000	41.606
15.000	41.577
16.000	41.552
17.000	41.527

CH 15.000

DATUM RL = 35.30

-17.000	41.708
-16.000	41.727
-15.000	41.739
-14.000	41.750
-13.000	41.761
-12.000	41.773
-11.000	41.790
-10.000	41.815
-9.000	41.839
-8.569	41.850
-8.500	41.852
-4.150	41.916
-3.550	41.914
0.000	41.902
3.550	41.890
4.150	41.887
5.700	41.878
7.200	41.870
8.500	41.862
9.000	41.861
10.000	41.859
11.000	41.858
12.000	41.853
13.000	41.848
14.000	41.842
15.000	41.836
16.000	41.831
17.000	41.825

CH 30.000

DATUM RL = 35.40

-17.000	41.859
-16.000	41.910
-15.000	41.951
-14.000	41.997
-13.000	42.023
-12.000	42.047
-11.000	42.072
-10.000	42.085
-9.000	42.093
-8.532	42.096
-8.500	42.097
-4.150	42.114
-3.550	42.110
0.000	42.088
3.550	42.063
4.150	42.059
5.700	42.048
7.200	42.037
8.500	42.028
8.506	42.028
9.000	42.024
10.000	42.017
11.000	42.010
12.000	42.003
13.000	41.995
14.000	41.980
15.000	41.966
16.000	41.951
17.000	41.936

CH 45.000

DATUM RL = 35.50

-17.000	42.054
-16.000	42.068
-15.000	42.083
-14.000	42.098
-13.000	42.110
-12.000	42.122
-11.000	42.131
-10.000	42.136
-9.000	42.140
-8.500	42.143
-4.150	42.210
-3.550	42.220
0.000	42.275
3.550	42.258
4.150	42.250
5.700	42.231
7.200	42.213
8.500	42.196
9.000	42.201
10.000	42.209
11.000	42.218
12.000	42.226
13.000	42.235
14.000	42.243
15.000	42.252
16.000	42.261
17.000	42.269

CH 75.000

DATUM RL = 35.40

-17.000	42.068
-16.000	42.092
-15.000	42.116
-14.000	42.136
-13.000	42.148
-12.000	42.160
-11.000	42.171
-10.000	42.183
-9.000	42.195
-8.500	42.201
-4.150	42.260
-3.550	42.260
0.000	42.237
3.550	42.201
4.150	42.194
5.700	42.176
7.200	42.159
8.500	42.143
9.000	42.145
10.000	42.148
11.000	42.152
12.000	42.155
13.000	42.158
14.000	42.162
15.000	42.165
16.000	42.171
17.000	42.173

CH 60.000

DATUM RL = 35.60

-17.000	41.874
-16.000	41.889
-15.000	41.905
-14.000	41.921
-13.000	41.936
-12.000	41.952
-11.000	41.968
-10.000	41.983
-9.000	41.999
-8.500	42.003
-4.150	42.072
-3.550	42.080
0.000	42.128
3.550	42.177
4.150	42.185
5.700	42.204
7.200	42.191
8.500	42.173
9.000	42.179
10.000	42.191
11.000	42.202
12.000	42.210
13.000	42.218
14.000	42.226
15.000	42.228
16.000	42.228
17.000	42.227

CH 90.000

PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

DATUM RL = 35.70

DESIGN SURFACE	
NATURAL SURFACE	
OFFSET	
-17.000	41.006
-16.000	41.018
-15.000	41.030
-14.000	41.042
-13.000	41.055
-12.000	41.067
-11.000	41.080
-10.000	41.093
-9.000	41.105
-8.500	41.111
3.550	41.988
4.150	42.006
5.700	42.025
7.200	42.043
8.500	42.059
9.000	42.060
10.000	42.062
11.000	42.064
12.000	42.064
13.000	42.063
14.000	42.063
15.000	42.062
16.000	42.061
17.000	42.061

CH 105.000

DATUM RL = 35.70

-17.000	41.352
-16.000	41.368
-15.000	41.385
-14.000	41.402
-13.000	41.418
-12.000	41.435
-11.000	41.451
-10.000	41.466
-9.000	41.471
-8.500	41.474
3.550	41.788
4.150	41.796
5.700	41.818
7.200	41.838
8.500	41.856
9.000	41.857
10.000	41.859
11.000	41.861
12.000	41.864
13.000	41.866
14.000	41.868
15.000	41.871
16.000	41.873
17.000	41.875

CH 120.000

DATUM RL = 35.80

-17.000	41.152
-16.000	41.166
-15.000	41.179
-14.000	41.193
-13.000	41.205
-12.000	41.215
-11.000	41.224
-10.000	41.234
-9.000	41.243
-8.500	41.248
3.550	41.596
4.150	41.608
5.700	41.634
7.200	41.659
8.500	41.677
9.000	41.678
10.000	41.677
11.000	41.674
12.000	41.670
13.000	41.667
14.000	41.665
15.000	41.665
16.000	41.665
17.000	41.665

CH 135.000

DATUM RL = 35.90

-17.000	40.928
-16.000	40.941
-15.000	40.953
-14.000	40.966
-13.000	40.978
-12.000	40.986
-11.000	40.991
-10.000	40.996
-9.000	41.000
-8.500	41.003
3.550	41.323
4.150	41.336
5.700	41.371
7.200	41.404
8.500	41.422
9.000	41.427
10.000	41.435
11.000	41.443
12.000	41.448
13.000	41.452
14.000	41.456
15.000	41.460
16.000	41.465
17.000	41.466

CH 150.000

DATUM RL = 36.00

-17.000	40.411
-16.000	40.446
-15.000	40.481
-14.000	40.516
-13.000	40.549
-12.000	40.574
-11.000	40.598
-10.000	40.625
-9.000	40.652
-8.500	40.666
-8.500	40.666
-4.150	40.794
-3.550	40.808
3.550	40.972
4.150	40.984
5.700	41.016
7.200	41.046
8.500	41.073
8.522	41.074
9.000	41.083
10.000	41.101
11.000	41.110
12.000	41.118
13.000	41.126
14.000	41.135
15.000	41.143
16.000	41.151
17.000	41.157

CH 165.000

DATUM RL = 35.90

-17.000	40.046
-16.000	40.081
-15.000	40.111
-14.000	40.139
-13.000	40.166
-12.000	40.193
-11.000	40.220
-10.000	40.245
-9.000	40.266
-8.516	40.275
-8.500	40.276
-4.150	40.370
-3.550	40.383
3.550	40.539
4.150	40.552
5.700	40.586
7.200	40.612
8.500	40.634
8.532	40.634
9.000	40.642
10.000	40.659
11.000	40.675
12.000	40.687
13.000	40.696
14.000	40.706
15.000	40.715
16.000	40.725
17.000	40.734

CH 180.000

DATUM RL = 35.40

-17.000	35.580
-16.000	35.608
-15.000	35.636
-14.000	35.664
-13.000	35.692
-12.000	35.720
-11.000	35.742
-10.772	35.747
-8.500	35.794
-4.150	35.865
-3.550	35.876
0.000	35.944
3.550	40.010
4.150	40.022
5.700	40.050
7.200	40.078
8.500	40.103
8.546	40.103
9.000	40.112
10.000	40.131
11.000	40.149
12.000	40.164
13.000	40.177
14.000	40.190
15.000	40.202
16.000	40.213
17.000	40.224

CH 195.000

REVISION	Description	Drawn	App'd	Date
5	GENERAL AMENDMENTS	AM	IH	19.05.25
4	GENERAL AMENDMENTS	AM	IH	28.04.25
2	CLIENT COMMENTS	JE	IH	03.02.25
1	ORIGINAL ISSUE	JE	IH	23.01.25

PLOT DATE: 30/05/2025 1:47:39 PM

CAD FILE: Q:\22\22311 Anambah Urban Release Area DA\02_CAD\AutoCAD\Civil\300 Series - DA1 Concept Design\22311C dC363 r5.dwg

North

Scale
0 2 4 6 8m
1:100 (A1) 1:200 (A3)

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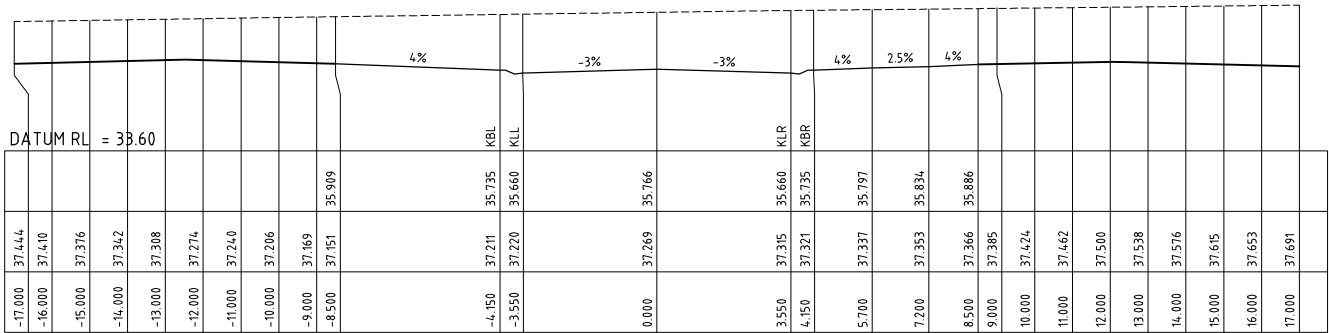
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Cad Reference 22311C dC363 r5	
Project Approval IAN HILL (B.E)	
Consulting Civil Engineer	

Client
DB20 PTY LTD

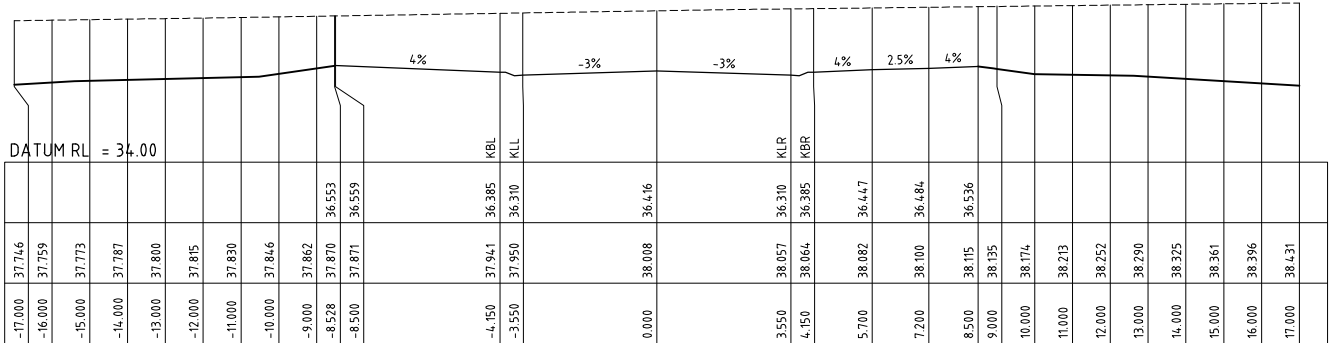

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ANAMBAH URBAN RELEASE AREA ANAMBAH ROAD ANAMBAH - DA1 ROAD 6 CROSS SECTIONS (2 OF 3)	
Project No 22311C	
Drawing No C363	Revision 5
A1 SHEET	

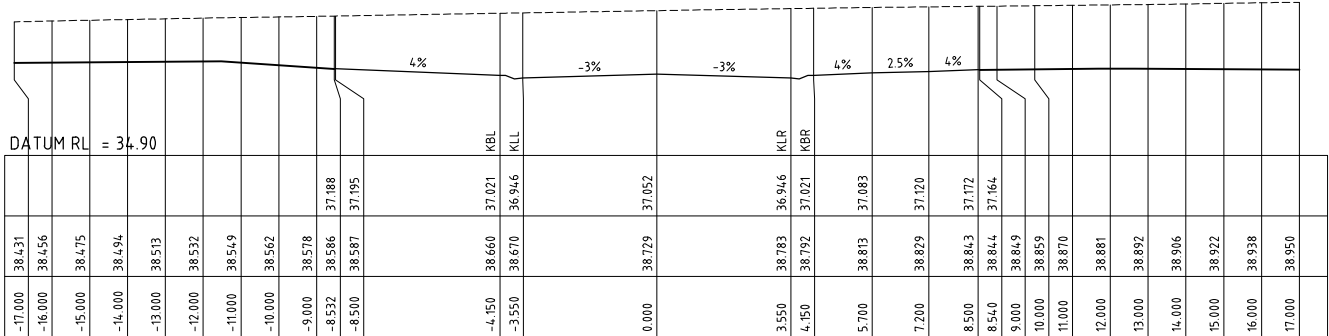
PRELIMINARY ISSUE
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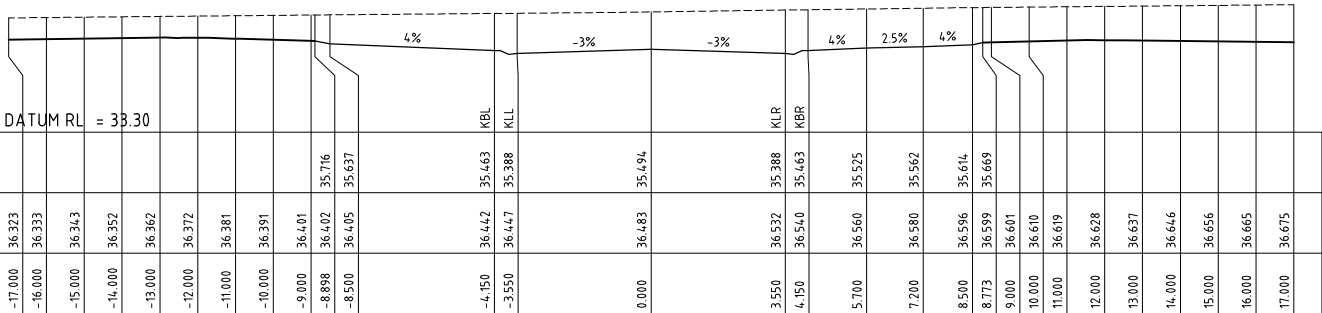
CH 255.000



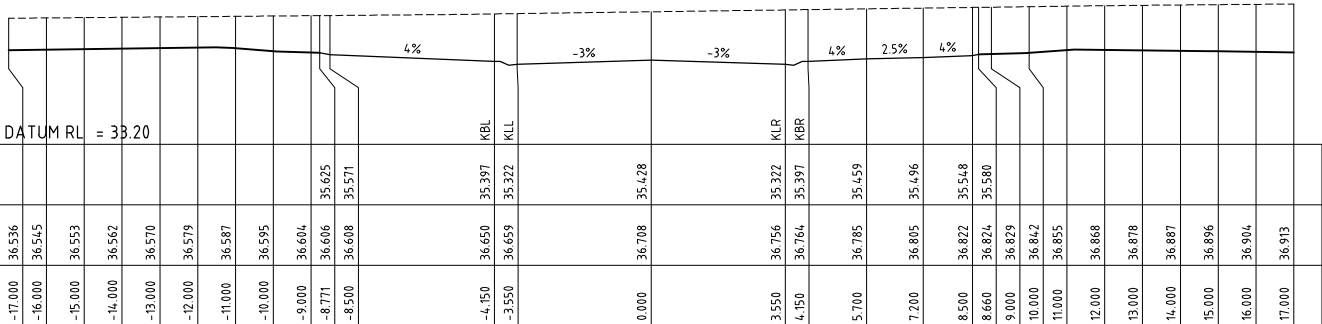
CH 240.000



CH 225.000

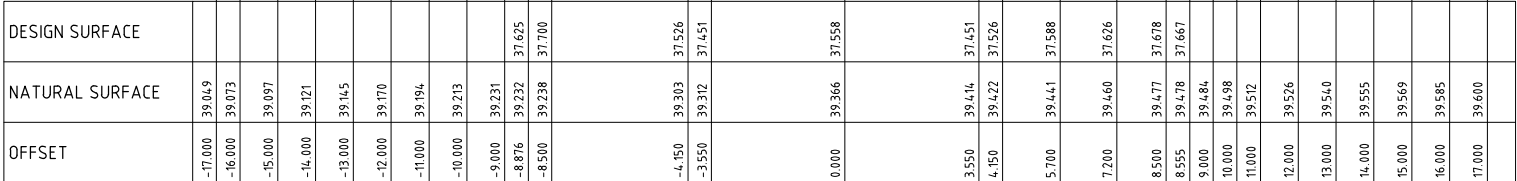


CH 270.000



CH 265.759

DATUM RL = 35.30

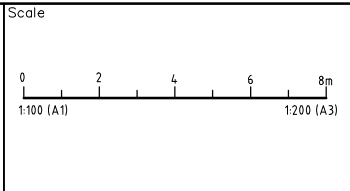


CH 210.000

PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

REVISION	Description	Drawn	App'd	Date
5	GENERAL AMENDMENTS	AM	IH	19.05.25
4	GENERAL AMENDMENTS	AM	IH	28.04.25
2	CLIENT COMMENTS	JE	IH	03.02.25
1	ORIGINAL ISSUE	JE	IH	23.01.25

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Designed AM	Scale 1:100
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Project Approval IAN HILL (B.E) Consulting Civil Engineer	

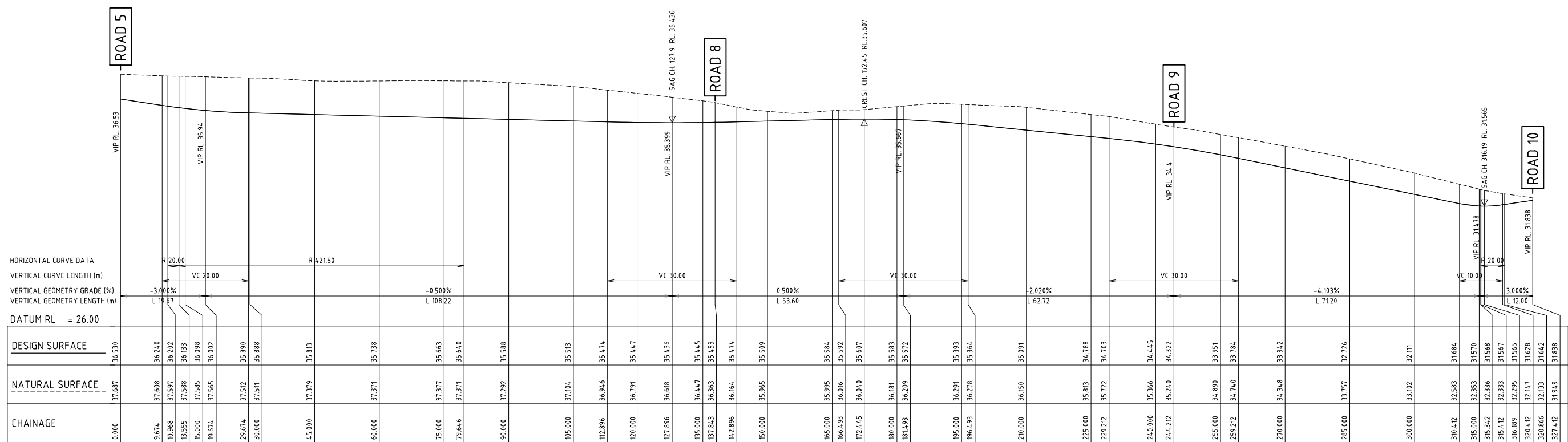
Client

DB20 PTY LTD

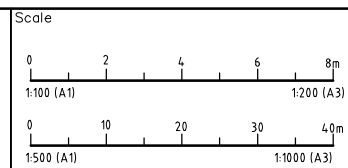
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PO BOX 3337, THORNTON NSW 2322
PHONE: (02) 4964 1811

ANAMBAH URBAN RELEASE AREA ANAMBAH ROAD ANAMBAH - DA1 ROAD 6 CROSS SECTIONS (3 OF 3)	
Project No 22311C	Revision 5
Drawing No C364	
A1 SHEET	



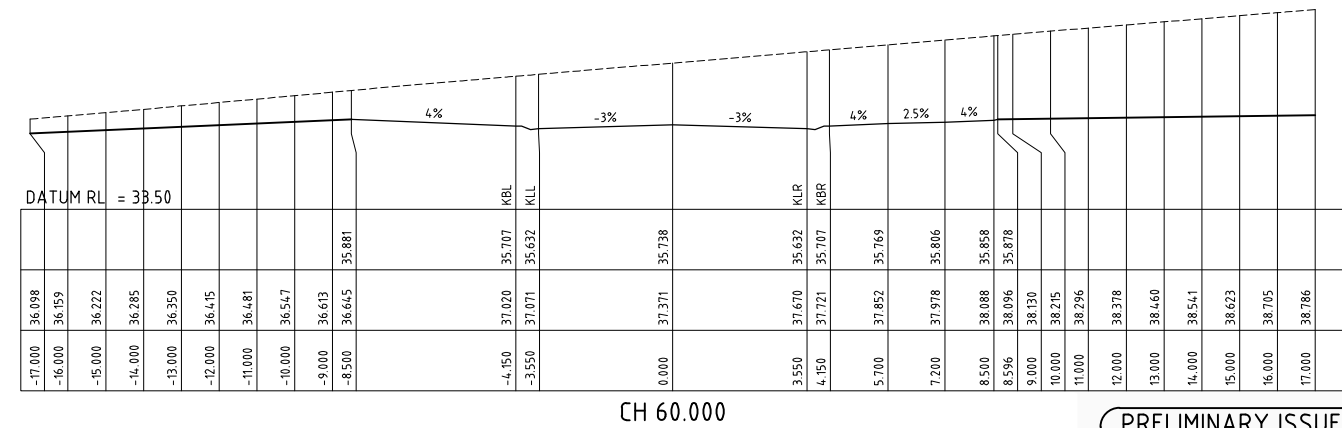
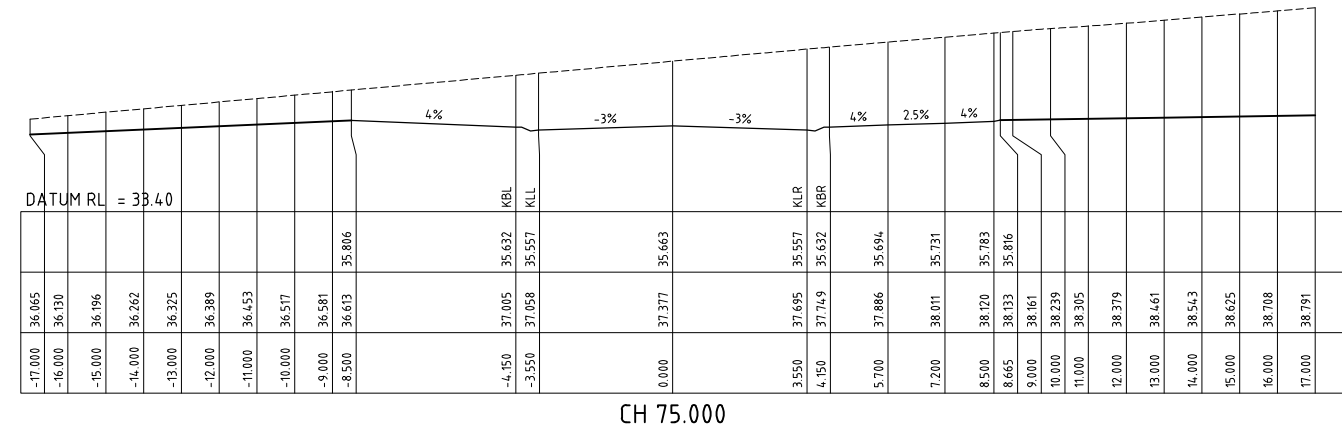
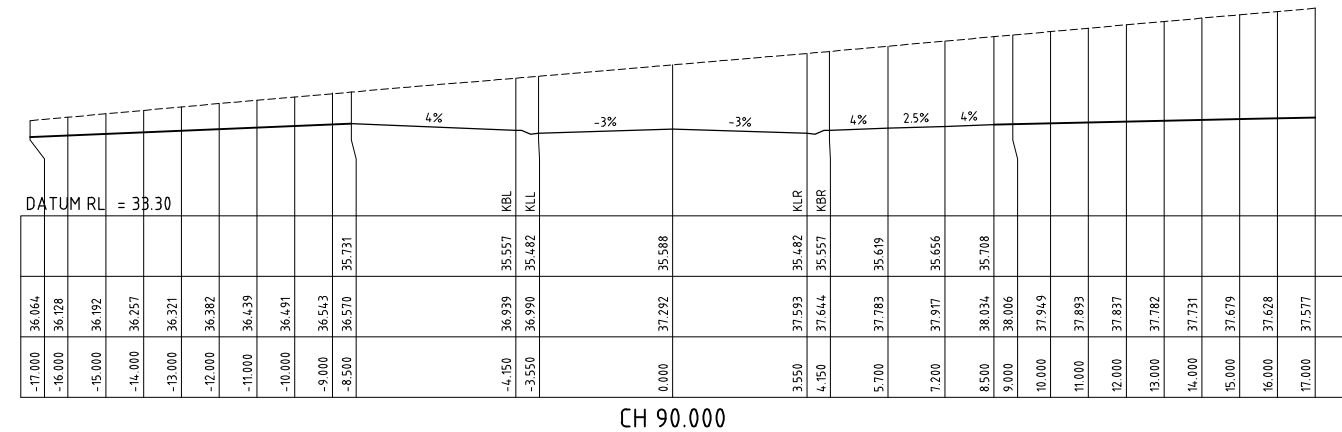
PRELIMINARY ISSUE
NOT FOR CONSTRUCTION



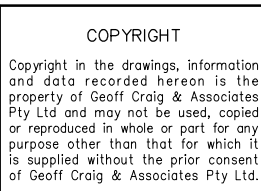
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Cad Reference 22311C dC365 r5	
Project Approval IAN HILL (B.E) Consulting Civil Engineer	



Project No		22311C	
Drawing No		Revision	
C365		5	
A1 SHEET			



5	GENERAL AMENDMENTS	A M	I H	19.05.25
4	GENERAL AMENDMENTS	A M	I H	28.04.25
2	CLIENT COMMENTS	J E	I H	03.02.25
1	ORIGINAL ISSUE	J E	I H	23.01.25
REVISION	Description	Drawn	App'd	Date

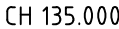
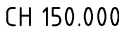
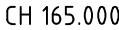
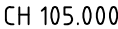
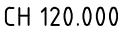
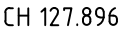


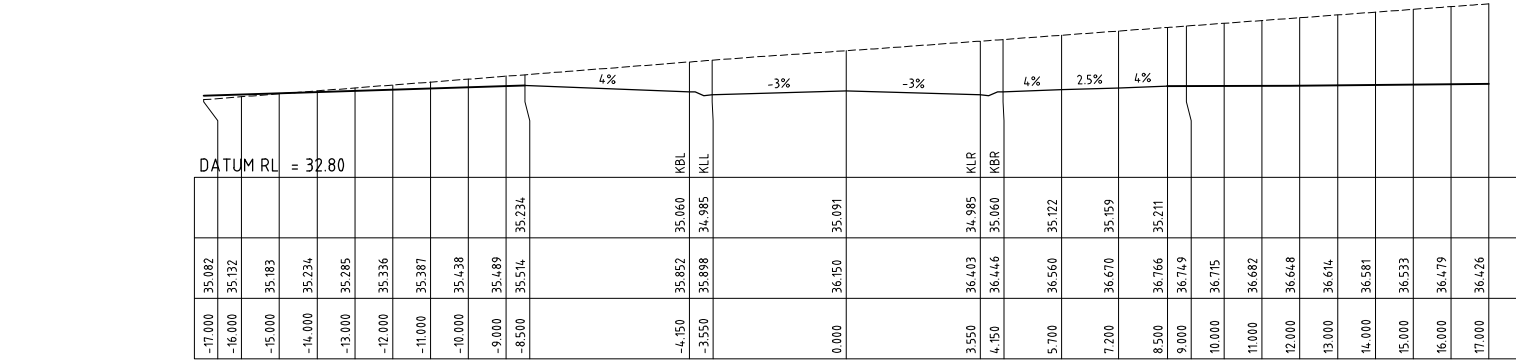
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Cad Reference 22311C dC366 r5	
Project Approval IAN HILL (B.E) Consulting Civil Engineer	



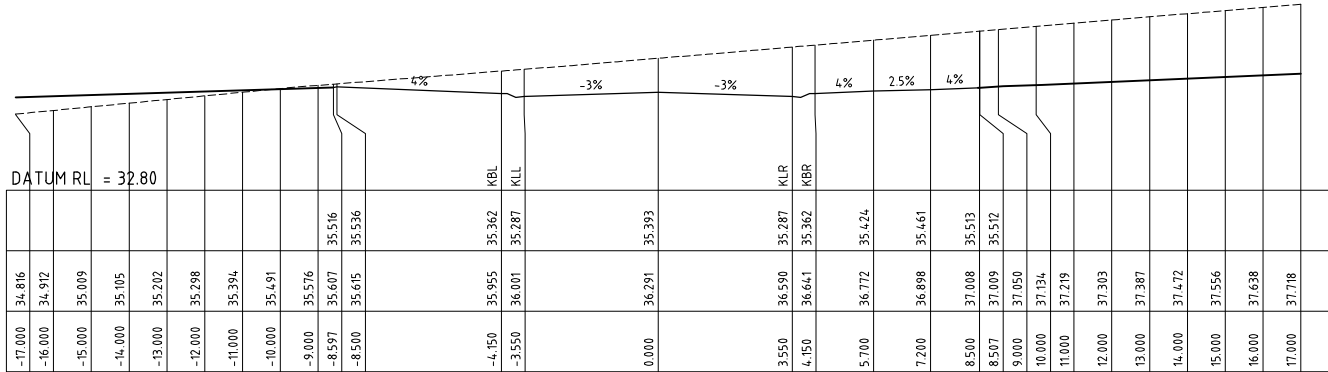
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Project No		22311C	
Drawing No		Revision	
C366		5	
A1 SHEET			

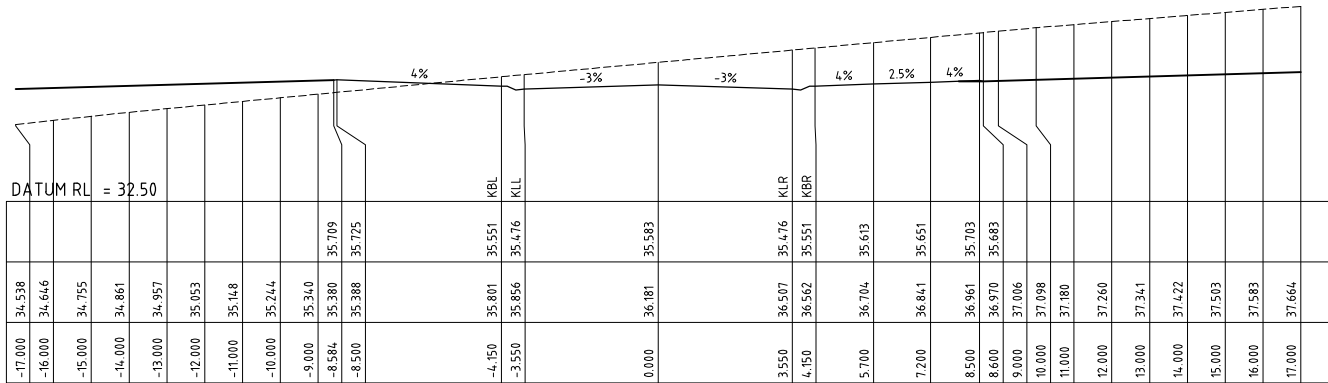




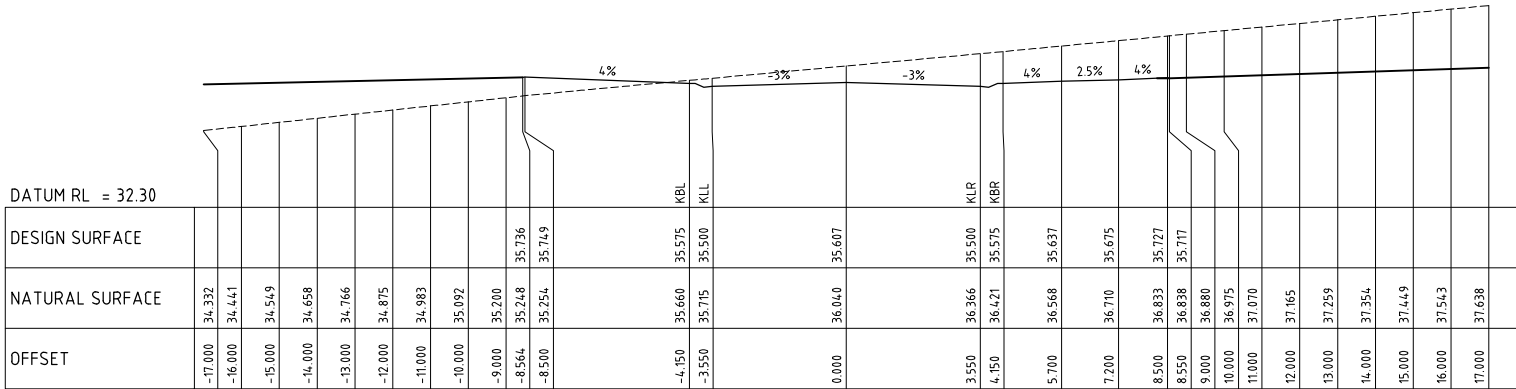
CH 210.000



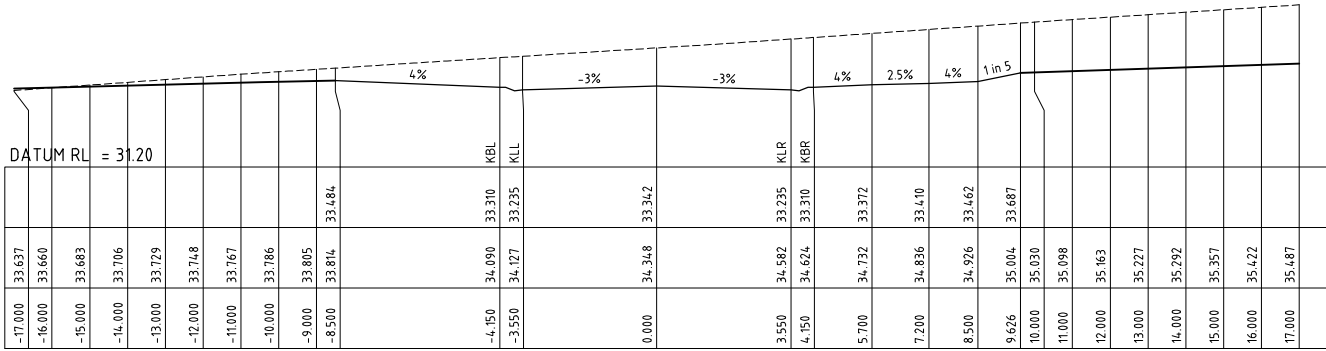
CH 195.000



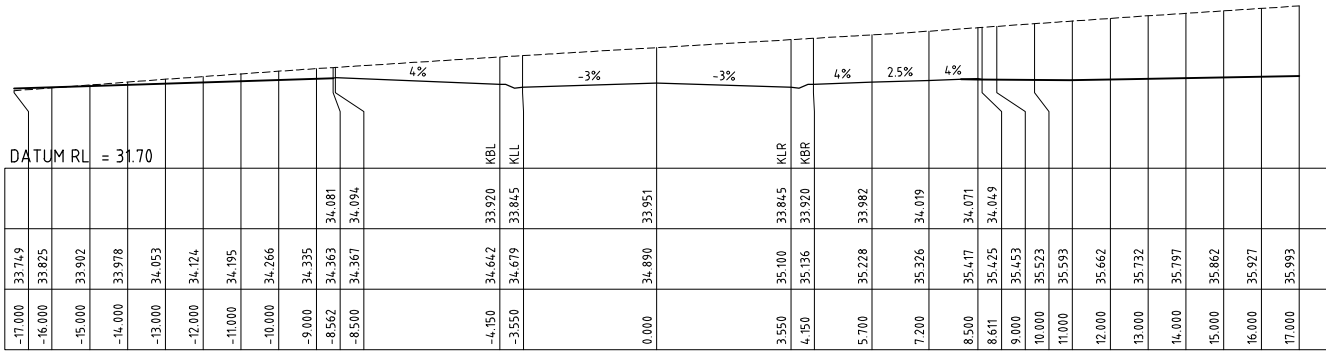
CH 180.000



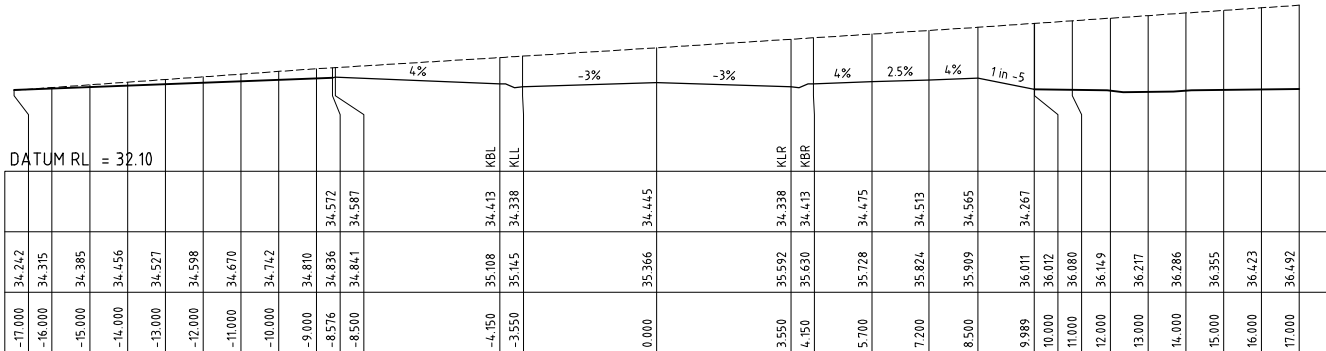
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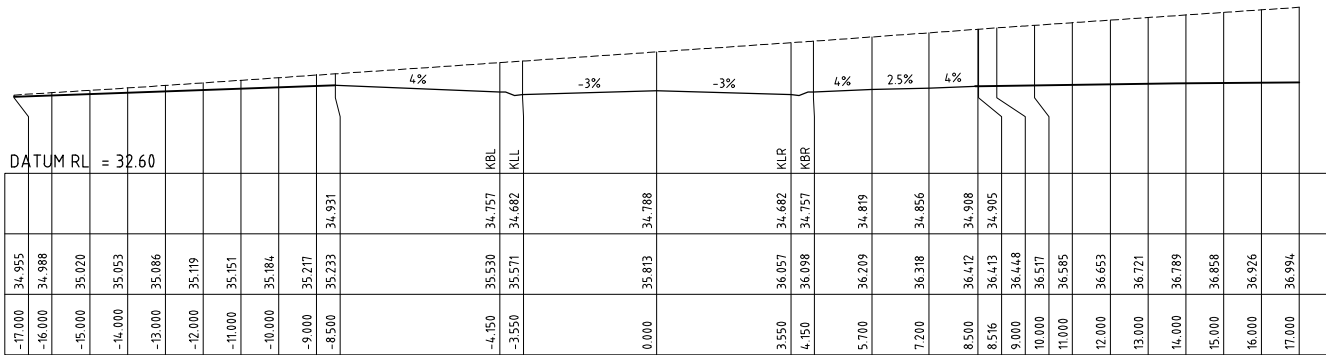
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CH 255.000



CH 240.000

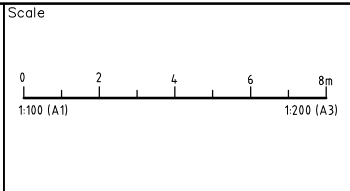


CH 225.000

PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

REVISION	Description	Drawn	App'd	Date
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4	GENERAL AMENDMENTS	AM	IH	28.04.25
2	CLIENT COMMENTS	JE	IH	03.02.25
1	ORIGINAL ISSUE	JE	IH	23.01.25

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Designed AM	Scale 1:100
Cad Reference 22311C dC368 r5	
Project Approval IAN HILL (B.E) Consulting Civil Engineer	

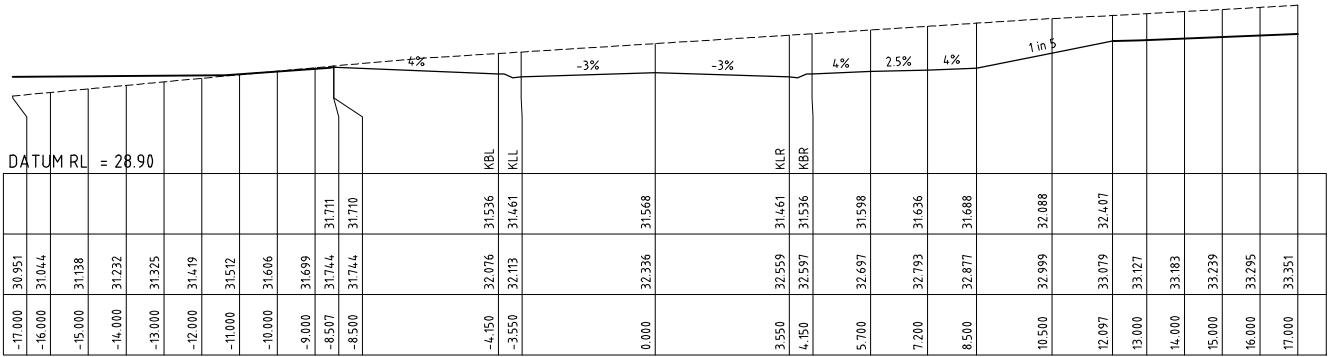
Client

DB20 PTY LTD

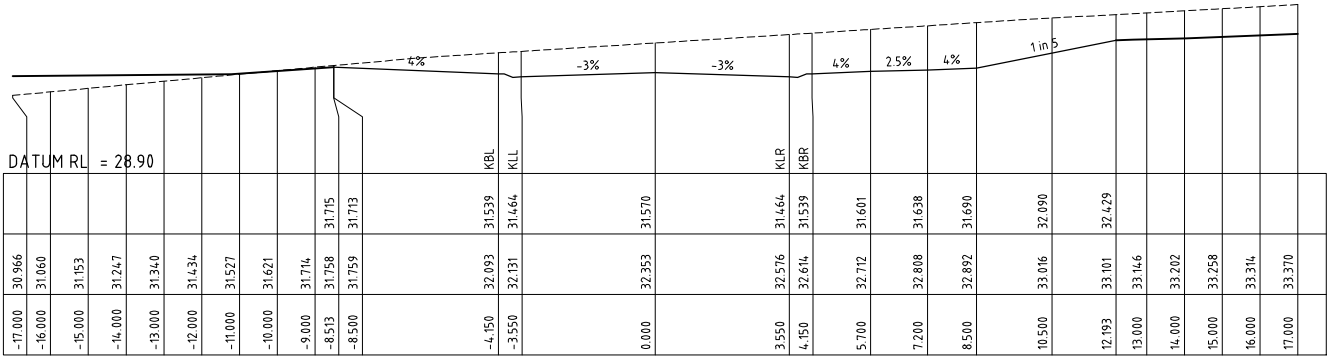


ANAMBAH URBAN RELEASE AREA
ANAMBAH ROAD
ANAMBAH - DA1
ROAD 7 CROSS SECTIONS (3 OF 4)

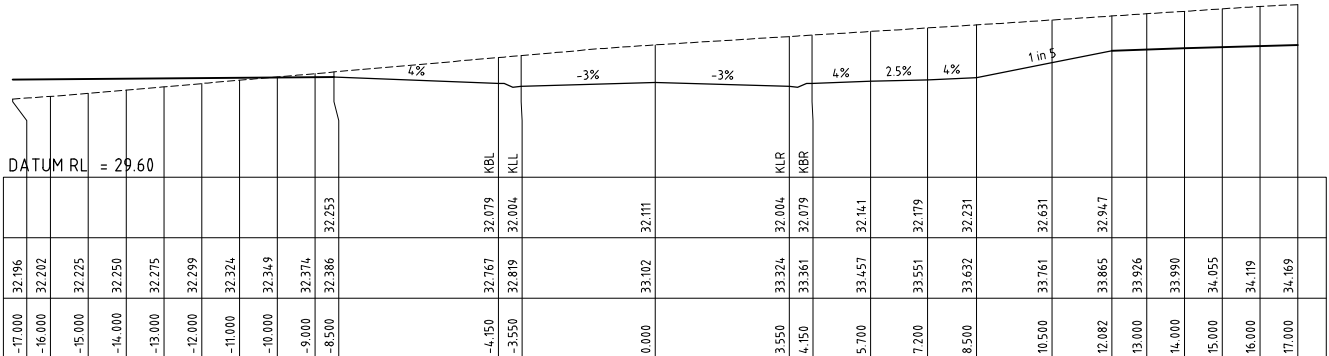
Project No 22311C	Drawing No C368	Revision 5
A1 SHEET		



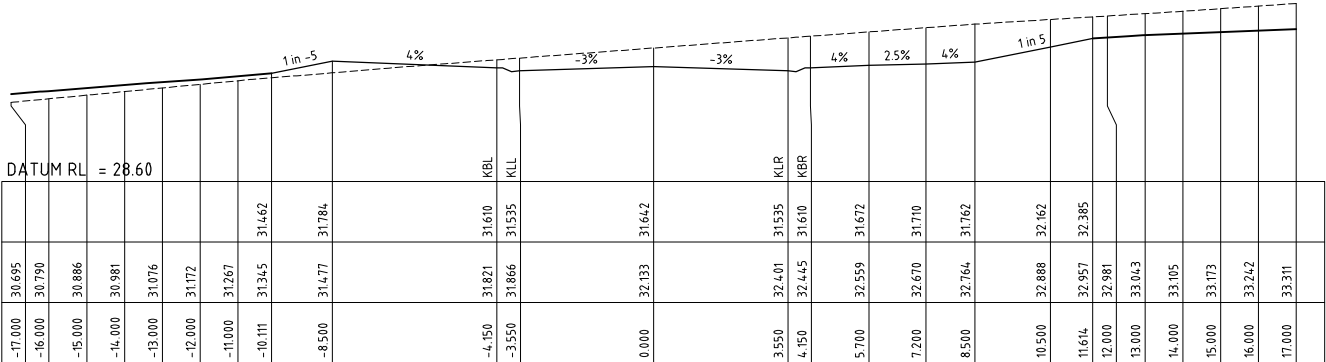
CH 315.342



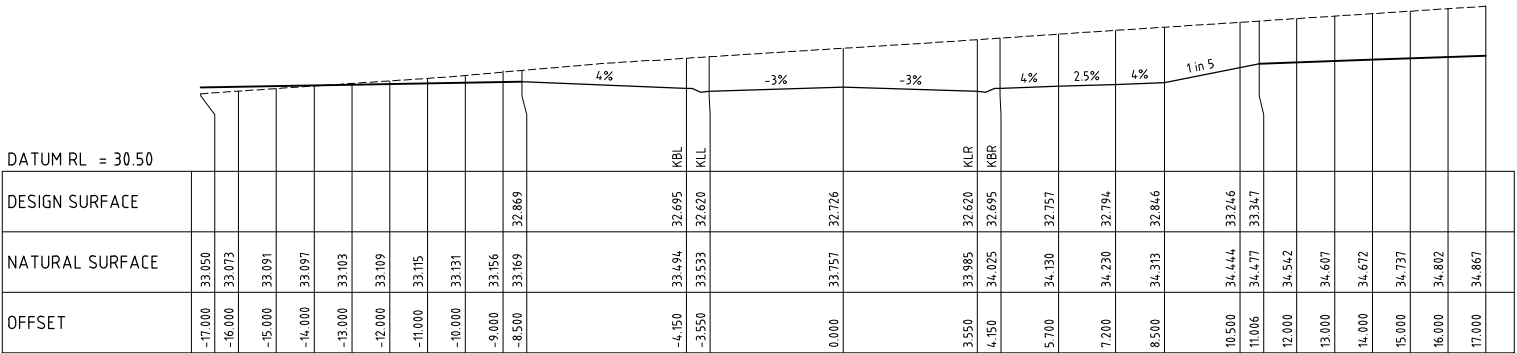
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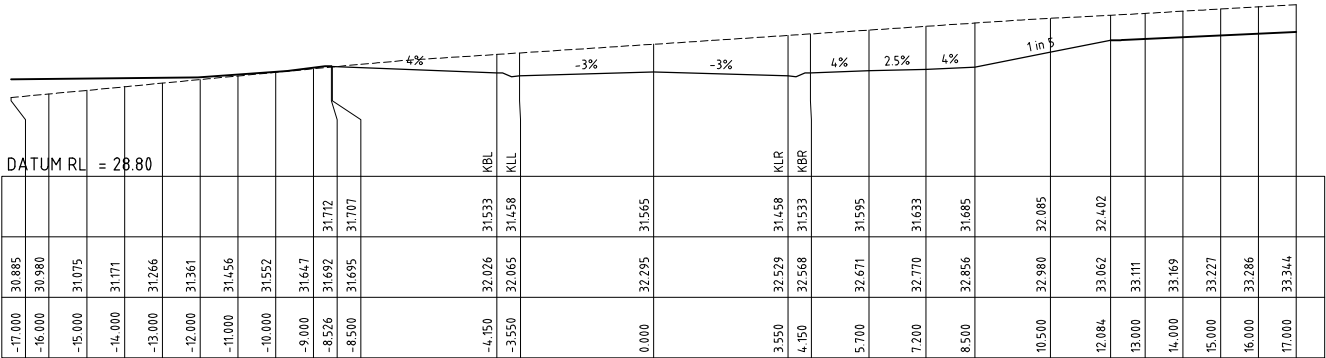
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CH 320.866



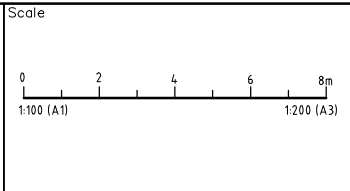
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CH 316.189

REVISION	Description	Drawn	App'd	Date
5	GENERAL AMENDMENTS	AM	IH	19.05.25
4	GENERAL AMENDMENTS	AM	IH	28.04.25
2	CLIENT COMMENTS	JE	IH	03.02.25
1	ORIGINAL ISSUE	JE	IH	23.01.25

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Designed AM	Scale 1:100
Cad Reference 22311C dC369 r5	
Project Approval IAN HILL (B.E) Consulting Civil Engineer	

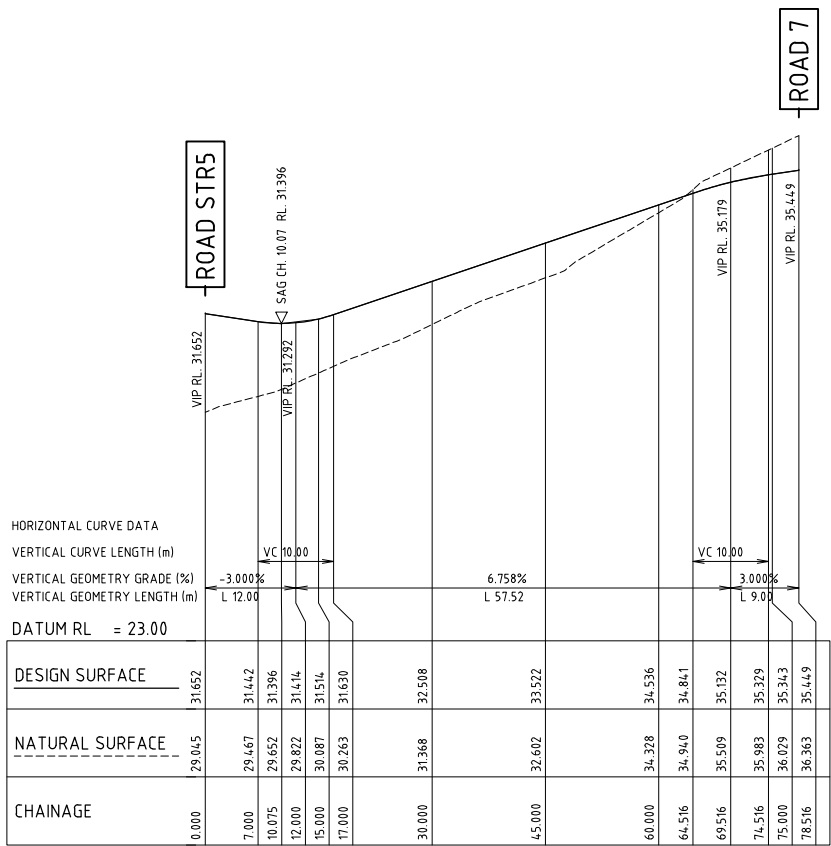
Client

DB20 PTY LTD



ANAMBAH URBAN RELEASE AREA
ANAMBAH ROAD
ANAMBAH - DA1
ROAD 7 CROSS SECTIONS (4 OF 4)

Project No 22311C	Drawing No C369	Revision 5
A1 SHEET		



A1 SCALE: HORIZONTAL 1:500, VERTICAL 1:100

LONGITUDINAL SECTION ROAD 8

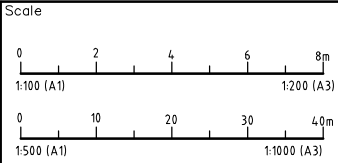
PRELIMINARY ISSUE

NOT FOR CONSTRUCTION

					North
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4	GENERAL AMENDMENTS	AM	I.H	28.04.25	
2	CLIENT COMMENTS	JE	I.H	03.02.25	
1	ORIGINAL ISSUE	JE	I.H	23.01.25	
REVISION	Description	Drawn	App'd	Date	

PLOT DATE: 30/05/2025 1:48:11 PM

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Cad Reference	
22311C dC370 r5	
Project Approval	
IAN HILL (B.E)	
Consulting Civil Engineer	

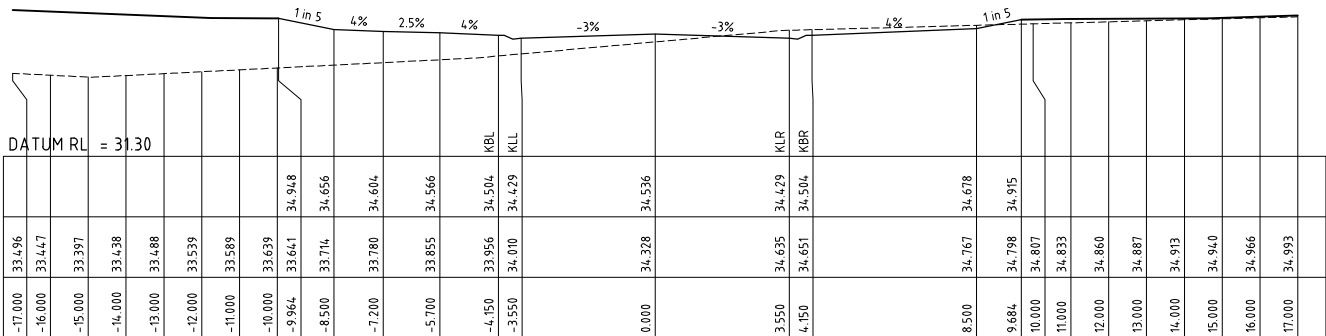
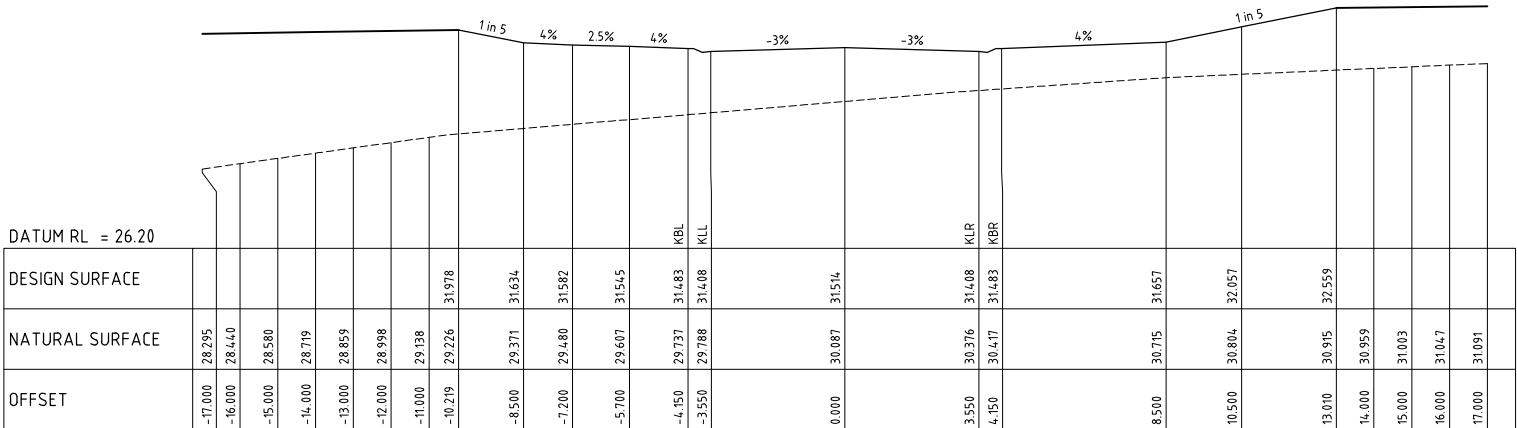
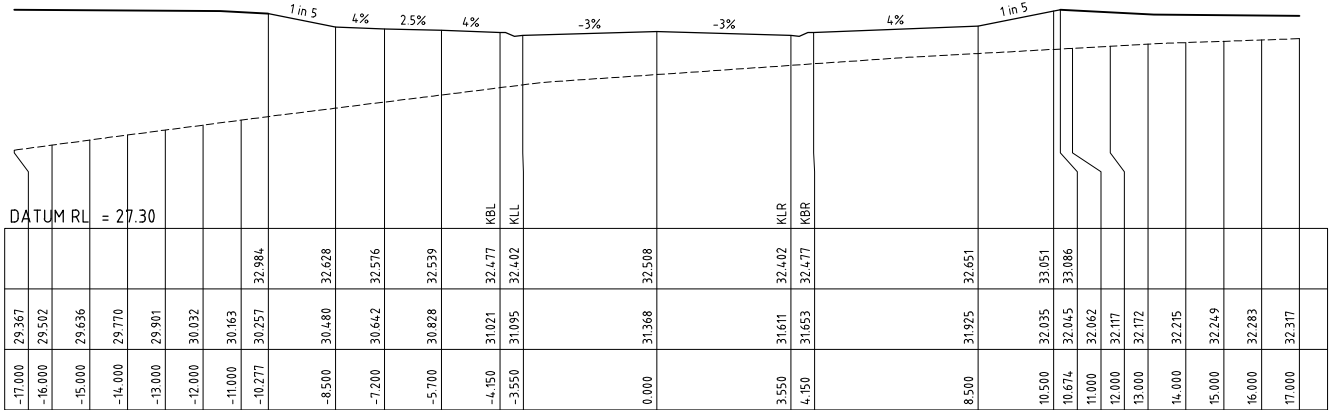
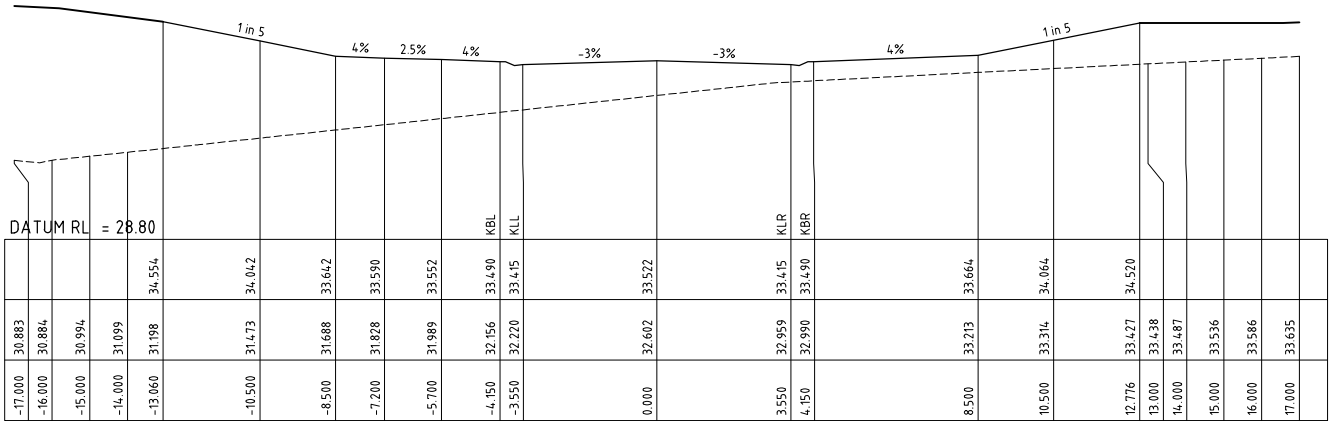
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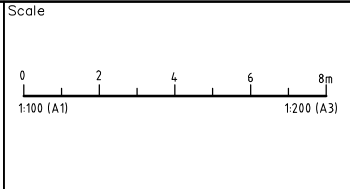
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PO BOX 3337, THORNTON NSW 2322
PHONE: (02) 4964 1811

ANAMBAH URBAN RELEASE AREA		Project No	
ANAMBAH ROAD		22311C	
ANAMBAH - DA1		Drawing No	Revision
ROAD 8 LONG SECTION		C370	5
A1 SHEET			



REVISION	Description	Drawn	App'd	Date
5	GENERAL AMENDMENTS	AM	IH	19.05.25
4	GENERAL AMENDMENTS	AM	IH	28.04.25
2	CLIENT COMMENTS	JE	IH	03.02.25
1	ORIGINAL ISSUE	JE	IH	23.01.25

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Designed AM	Scale 1:100
Cad Reference 22311C dC371 r5	
Project Approval IAN HILL (B.E) Consulting Civil Engineer	

Client

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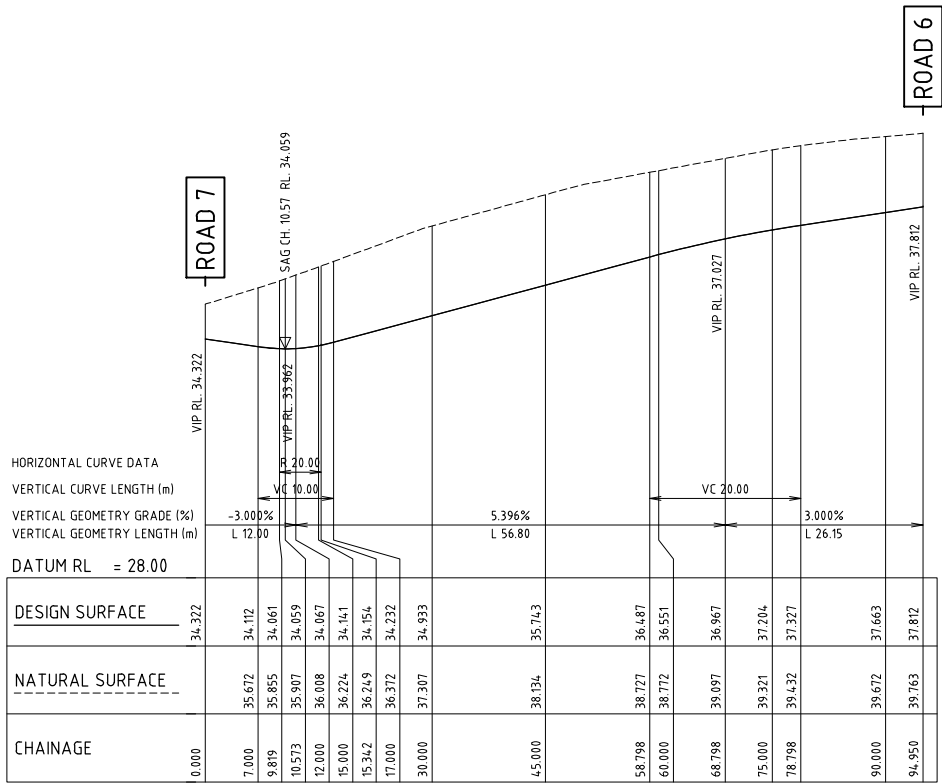
ANAMBAH URBAN RELEASE AREA

ANAMBAH ROAD

ANAMBAH - DA1

ROAD 8 CROSS SECTIONS

Project No 22311C	Drawing No C371	Revision 5
A1 SHEET		


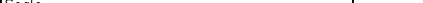



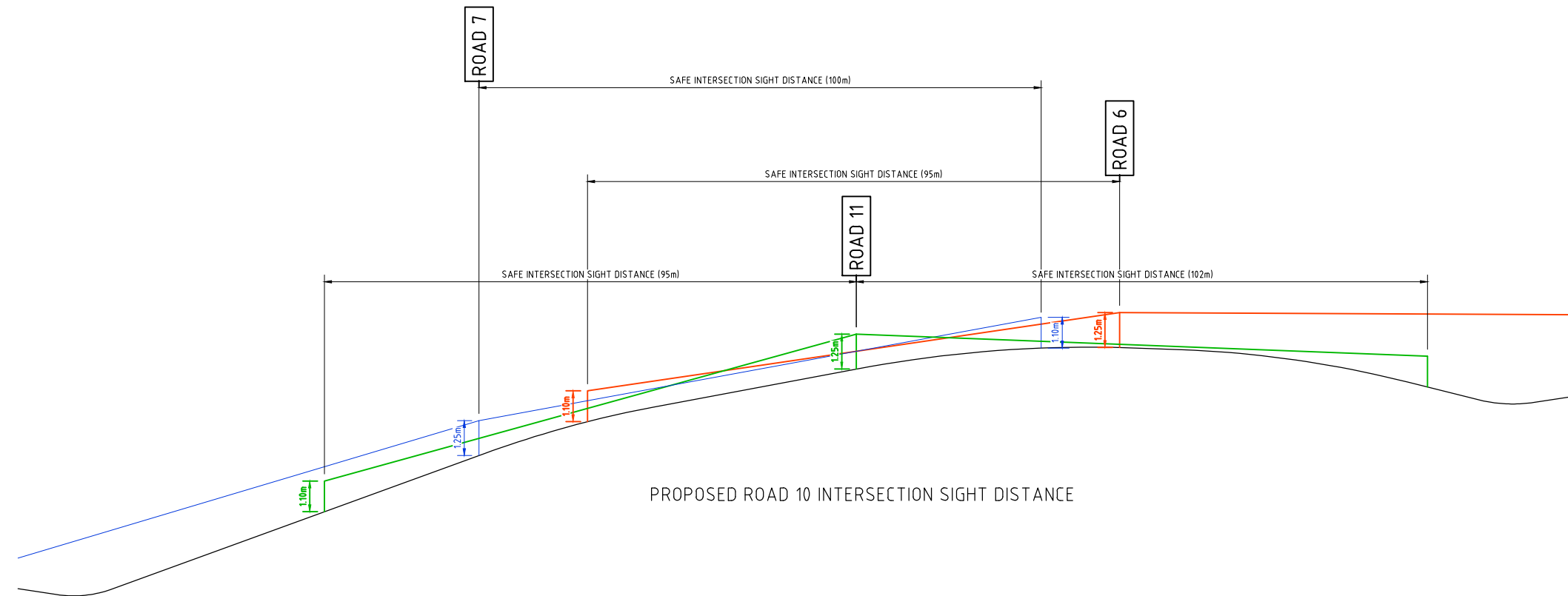
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LONGITUDINAL SECTION ROAD 9 DA1

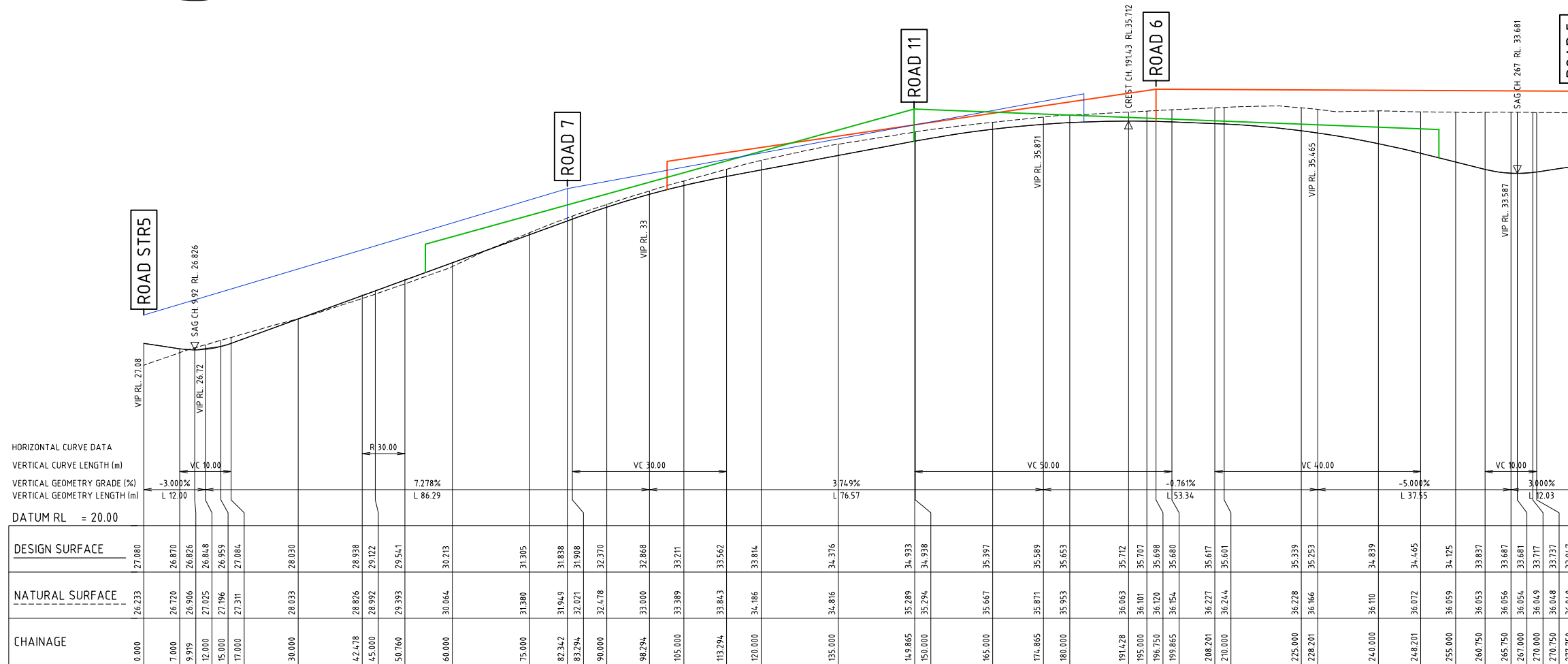
PRELIMINARY ISSUE

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				North		Scale		COPYRIGHT		Designed AM		Scale 1:500H/1:100V		Client		<div><div></div><div>ANAMBAH URBAN RELEASE AREA ANAMBAH ROAD ANAMBAH - DA1 ROAD 9 LONG SECTION</div></div>	Project No 22311C	
						<div><div></div><div>1:100 (A1) 1:200 (A3)</div></div> <div><div></div><div>1:500 (A1) 1:1000 (A3)</div></div>		Copyright in the drawings, information and data recorded hereon is the property of Geoff Craig & Associates Pty Ltd and may not be used, copied or reproduced in whole or part for any purpose other than that for which it is supplied without the prior consent of Geoff Craig & Associates Pty Ltd.		Cad Reference 22311C dC372 r5		DB20 PTY LTD		22311C				
5				GENERAL AMENDMENTS		A.M		I.H		19.05.25		Cad Reference					Drawing No	
4				GENERAL AMENDMENTS		A.M		I.H		28.04.25		Project Approval					Revision	
2				CLIENT COMMENTS		J.E		I.H		03.02.25		IAN HILL (B.E) Consulting Civil Engineer					C372	
1				ORIGINAL ISSUE		J.E		I.H		23.01.25							5	
REVISION		Description		Drawn		App'd		Date									A1 SHEET	



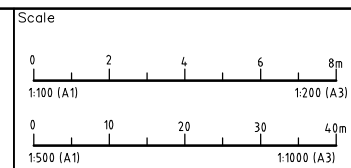
PROPOSED ROAD 10 INTERSECTION SIGHT DISTANCE



A1 SCALE: HORIZONTAL 1:500, VERTICAL 1:100
LONGITUDINAL SECTION ROAD 10 DA1

PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

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4	GENERAL AMENDMENTS	AM	IH	28.04.25	
2	CLIENT COMMENTS	JE	IH	03.02.25	
1	ORIGINAL ISSUE	JE	IH	23.01.25	
REVISION	Description	Drawn	App'd	Date	



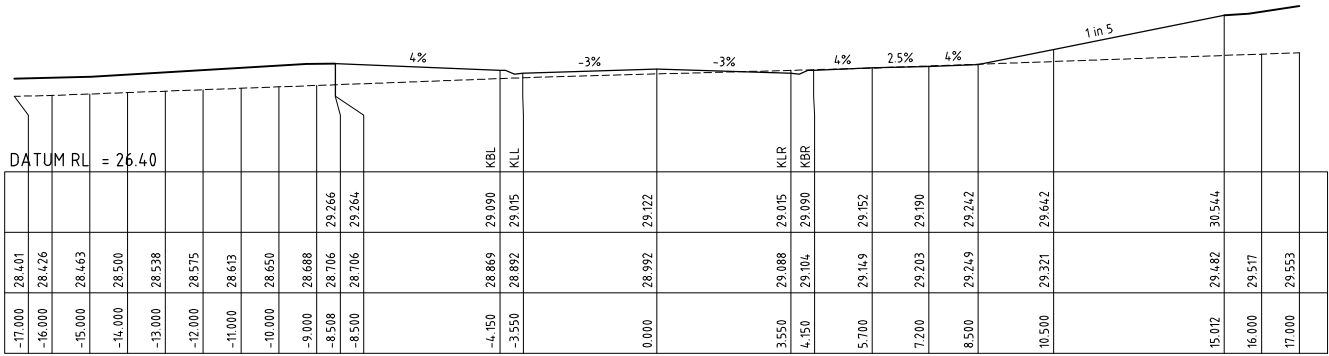
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Designed
AM
Cad Reference
22311C dC374 r5
Project Approval
IAN HILL (B.E)
Consulting Civil Engineer

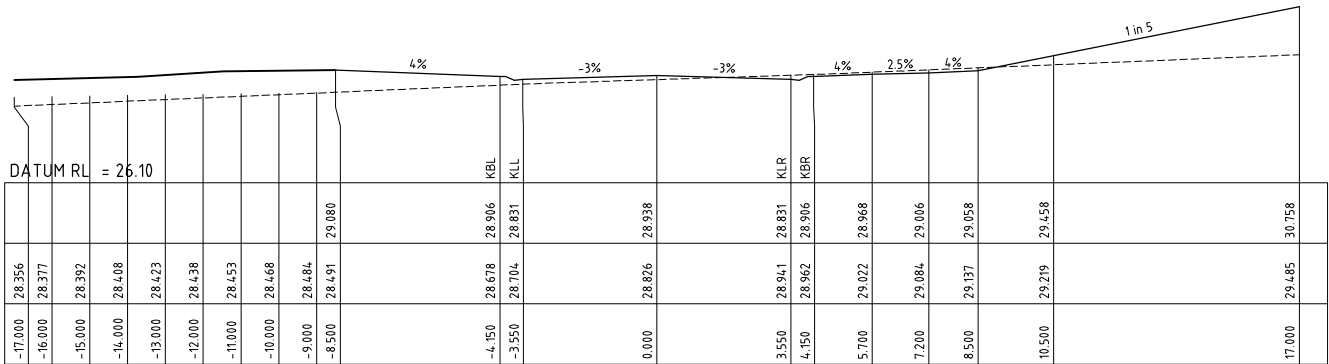
Scale
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DB20 PTY LTD

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GCA
ENGINEERING SOLUTIONS
A.B.N. 92 086 017 745
1 HARTLEY DRIVE, THORNTON NSW 2322
PO BOX 3337, THORNTON NSW 2322
PHONE: (02) 4964 1811

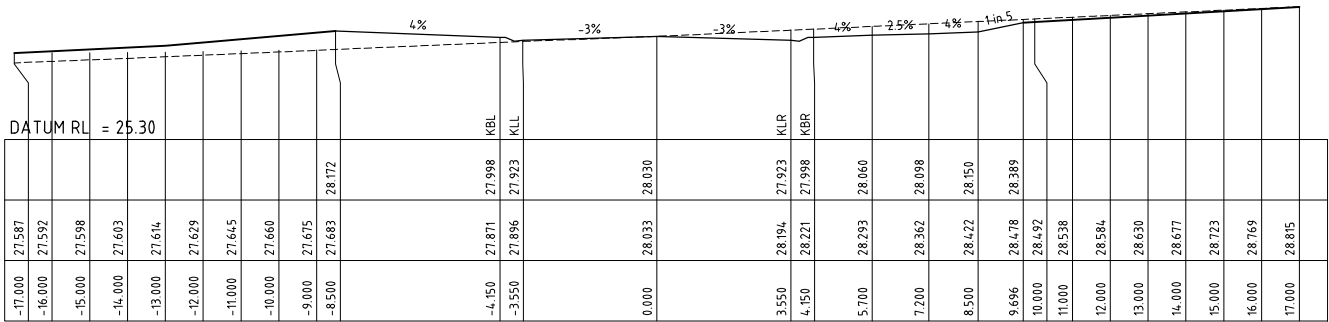
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ANAMBAH ROAD
ANAMBAH - DA1
ROAD 10 LONG SECTION
Project No
22311C
Drawing No
C374
Revision
5
A1 SHEET



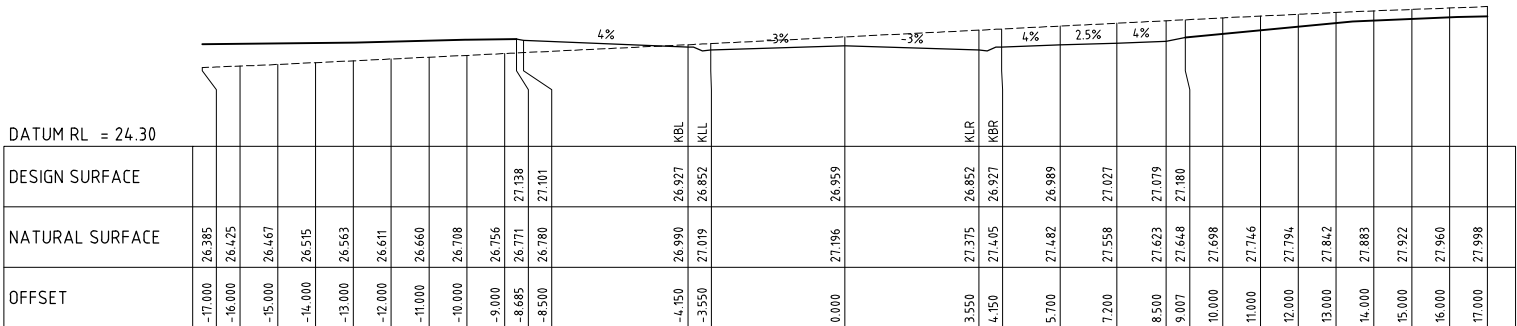
CH 45.000



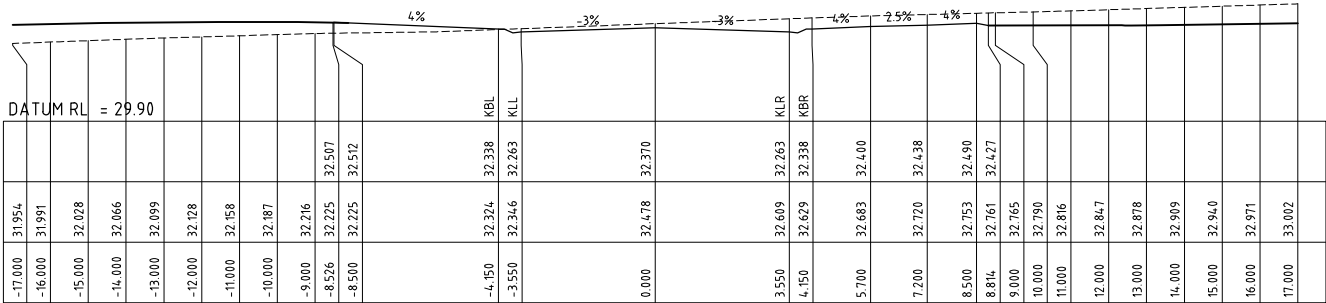
CH 42.478



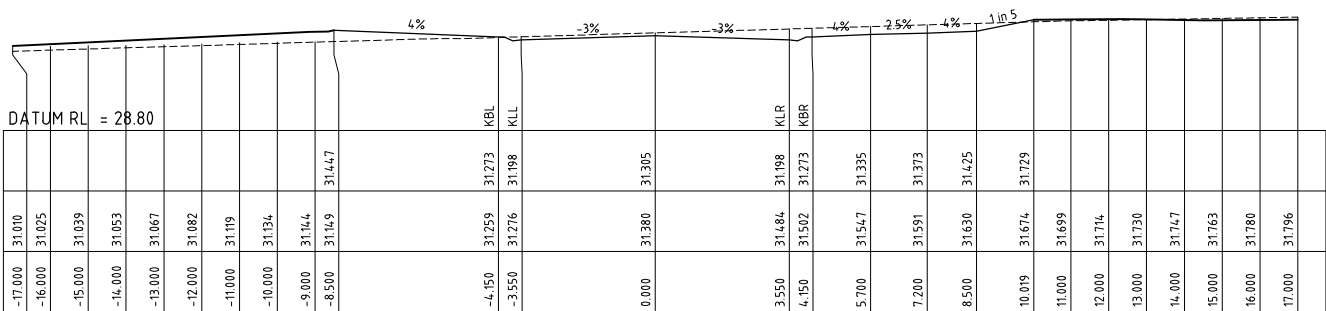
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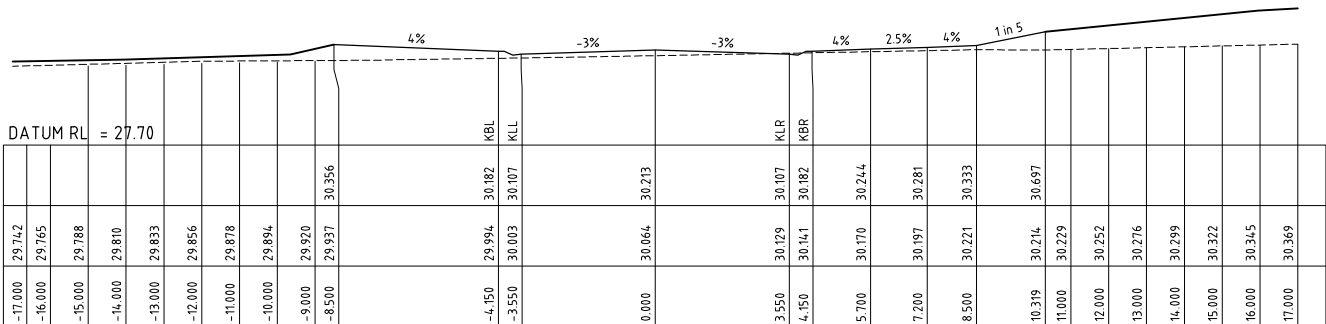
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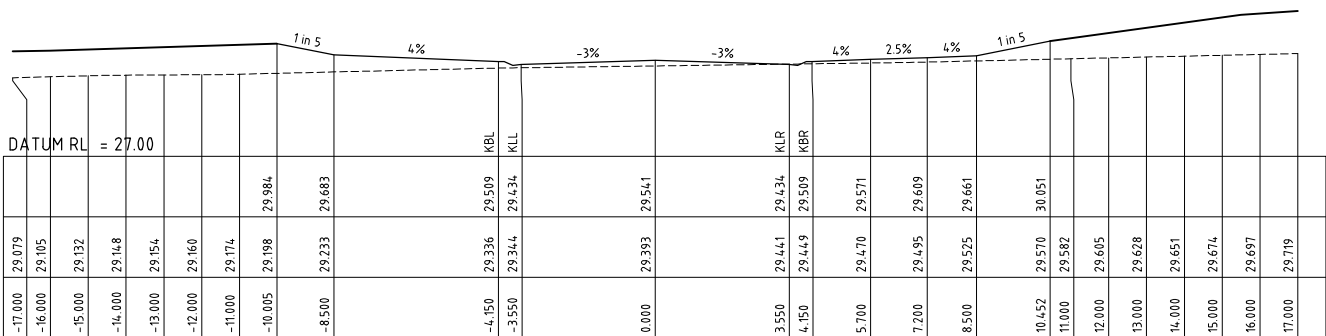
CH 90.000



CH 75.000



CH 60.000



CH 50.760

PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

REVISION	Description	Drawn	App'd	Date
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4	GENERAL AMENDMENTS	AM	IH	28.04.25
2	CLIENT COMMENTS	JE	IH	03.02.25
1	ORIGINAL ISSUE	JE	IH	23.01.25

North

Scale
0 2 4 6 8m
1:100 (A1) 1:200 (A3)

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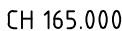
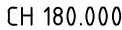
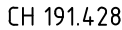
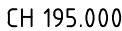
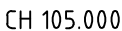
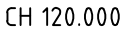
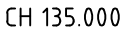
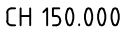
Designed AM	Scale 1:100
Cad Reference 22311C dC375 r5	
Project Approval IAN HILL (B.E) Consulting Civil Engineer	

Client DB20 PTY LTD

 A.B.N. 92 086 017 745 1 HARTLEY DRIVE, THORNTON NSW 2322 PO BOX 3337, THORNTON NSW 2322 PHONE: (02) 4964 1811

ANAMBAH URBAN RELEASE AREA ANAMBAH ROAD ANAMBAH - DA1 ROAD 10 CROSS SECTIONS (1 OF 3)	
--	--

Project No 22311C	
Drawing No C375	Revision 5
A1 SHEET	



22311C

Drawing No	Revision
0001	1

6	5
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A1 SHEET

PLOT DATE: 30/05/2025 1:48:30 PM CAD FILE: Q:\22\22311 Anambah Urban Release Area DA\02 CAD\AutoCAD\Civil\300 Series - DA1 Concept Design\22311\c dC376 r5.dwg

Scale



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Project Approval
IAN HILL (B.E)
Consulting Civil Engineer

DB20 PTY LTD

Approval
)
Civil Engineer



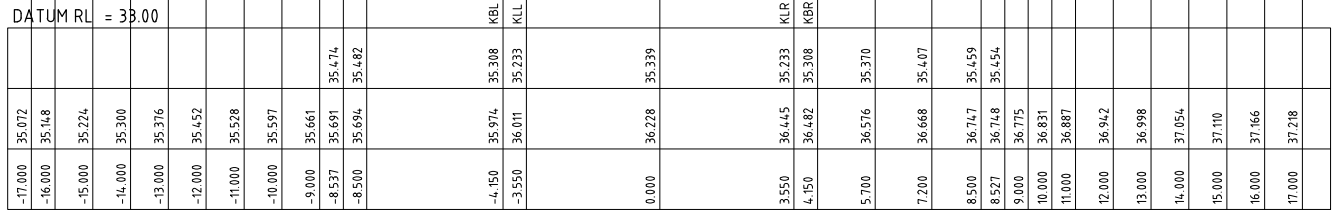
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ANAMBAH ROAD
ANAMBAH - DA1

ROAD 10 CROSS SECTIONS (2 OF 3)

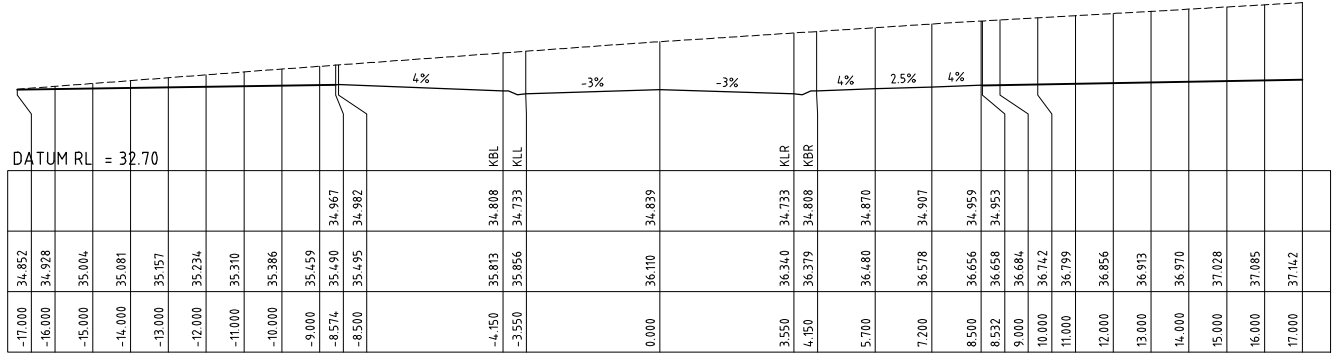
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-8.500	35.735
-8.500	35.744
-4.150	36.004
-3.550	36.039
0.000	36.244
3.550	36.449
4.150	36.484
5.700	36.573
7.200	36.660
8.500	36.735
8.508	36.735
9.000	36.763
10.000	36.820
11.000	36.876
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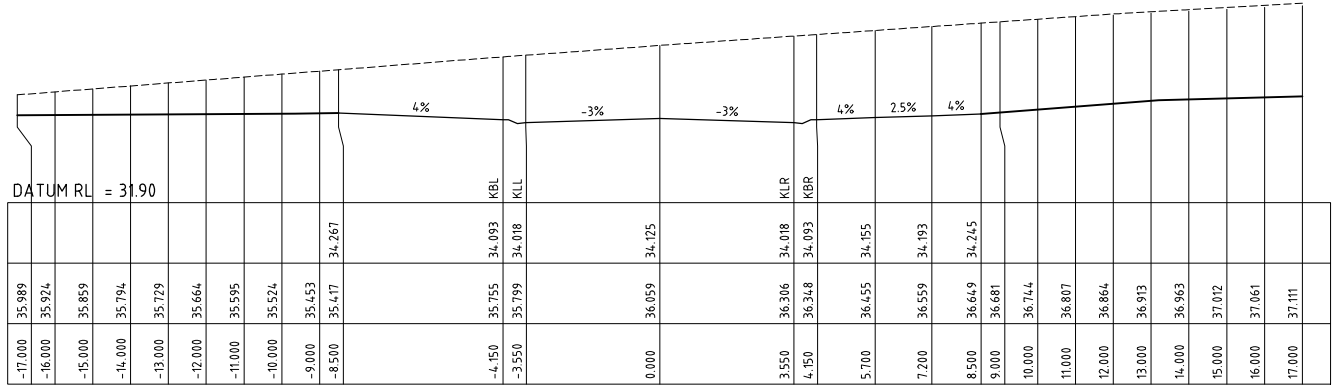
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CH 225.000



CH 240.000

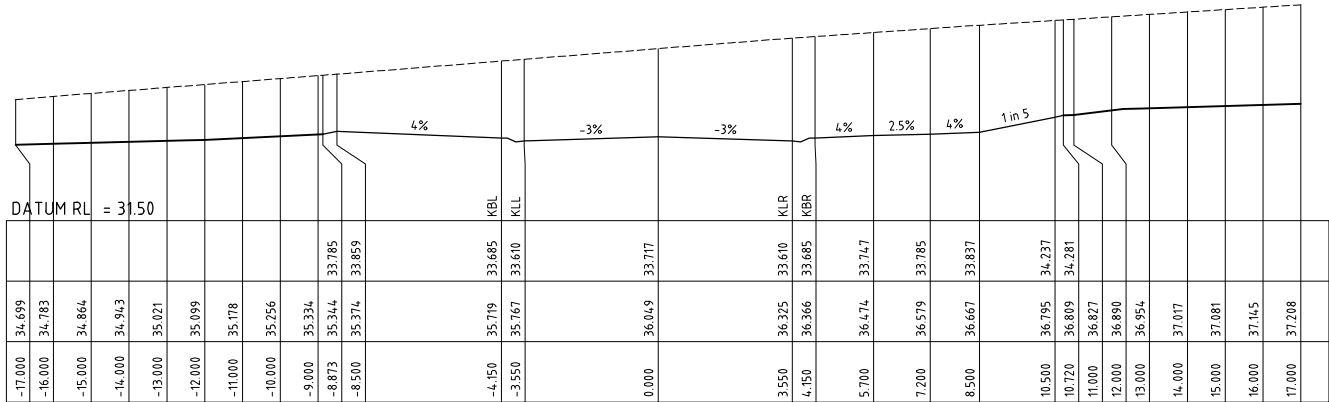


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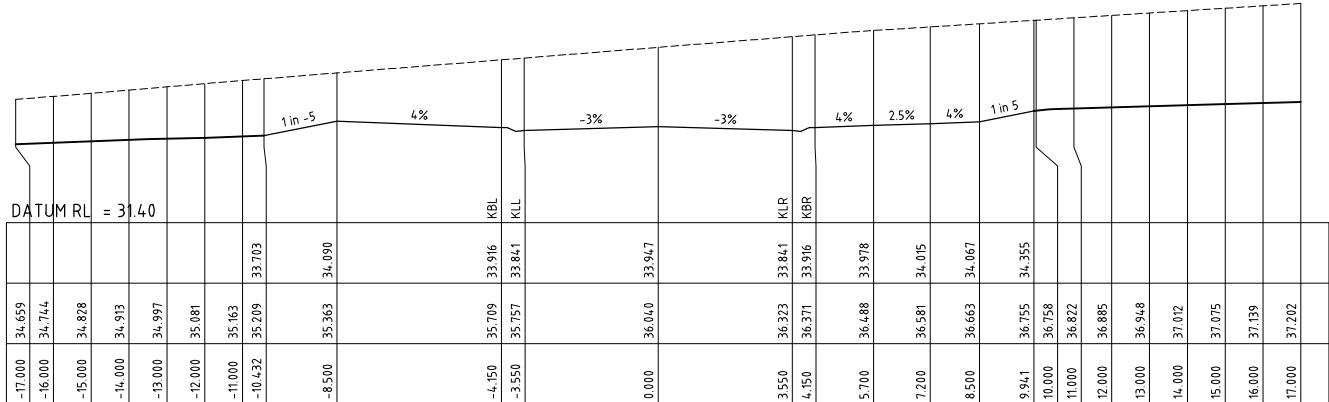
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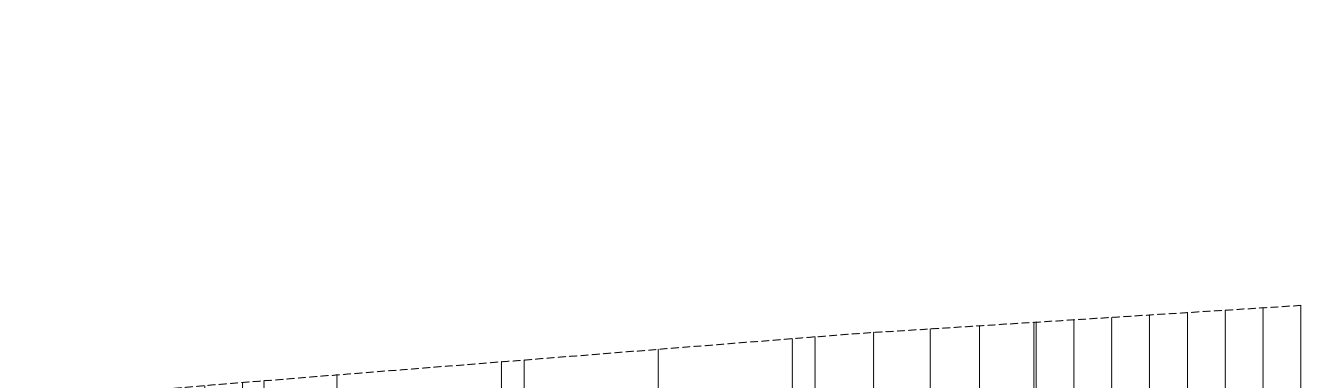
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CH 270.000



CH 277.750



CH 285.000

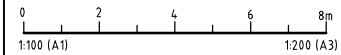
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2	CLIENT COMMENTS	JE	IH	03.02.25
1	ORIGINAL ISSUE	JE	IH	23.01.25

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North

Scale



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	Cad Reference	
	22311C dC377 r5	
	Project Approval	
	IAN HILL (B.E)	
	Consulting Civil Engineer	

Client
DB20 PTY LTD

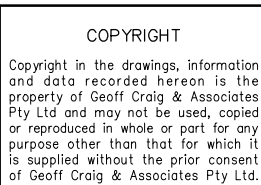


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ANAMBAH URBAN RELEASE AREA	
ANAMBAH ROAD	
ANAMBAH - DA1	
ROAD 10 CROSS SECTIONS (3 OF 3)	
Project No	22311C
Drawing No	C377
Revision	5
A1 SHEET	

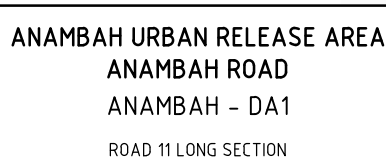


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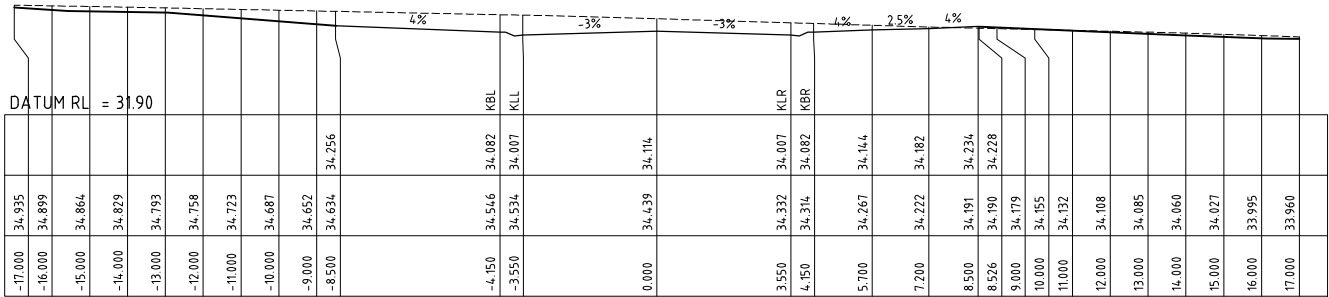


Client

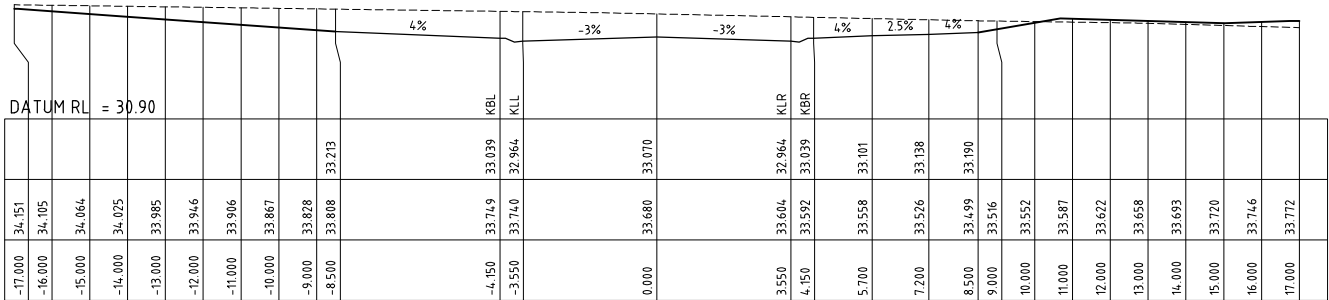
DB20 PTY LTD



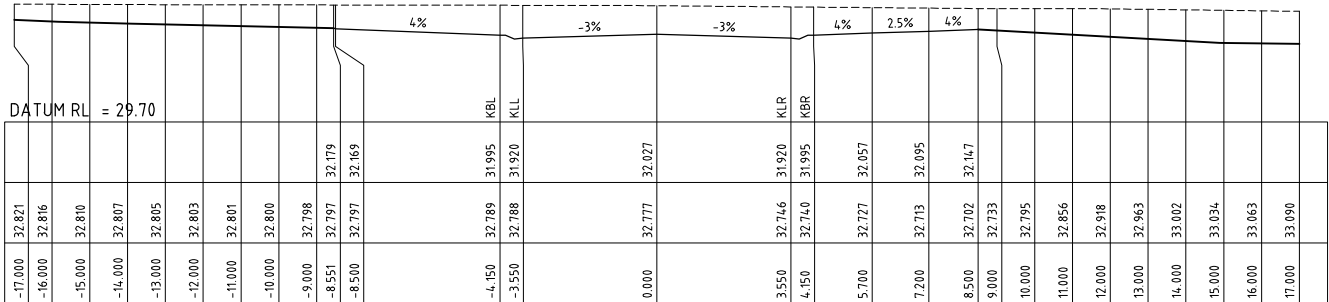
Project No		22311C
Drawing No	Revision	
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A1 SHEET		



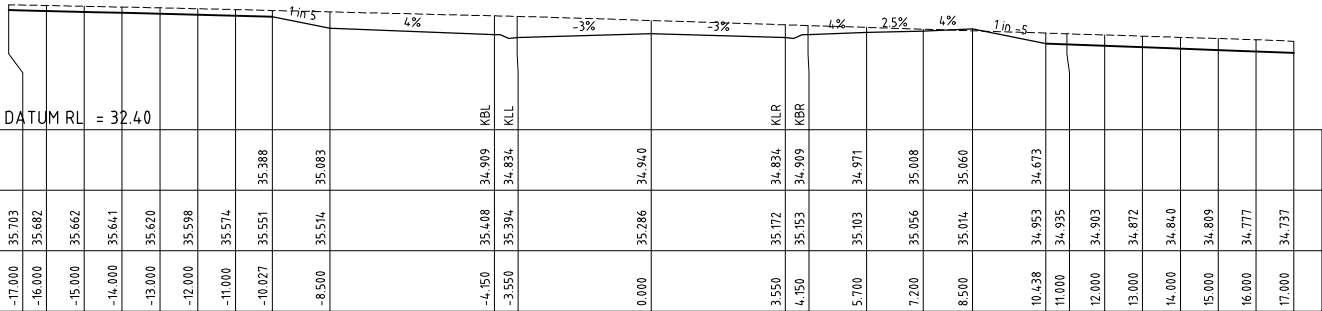
CH 60.00



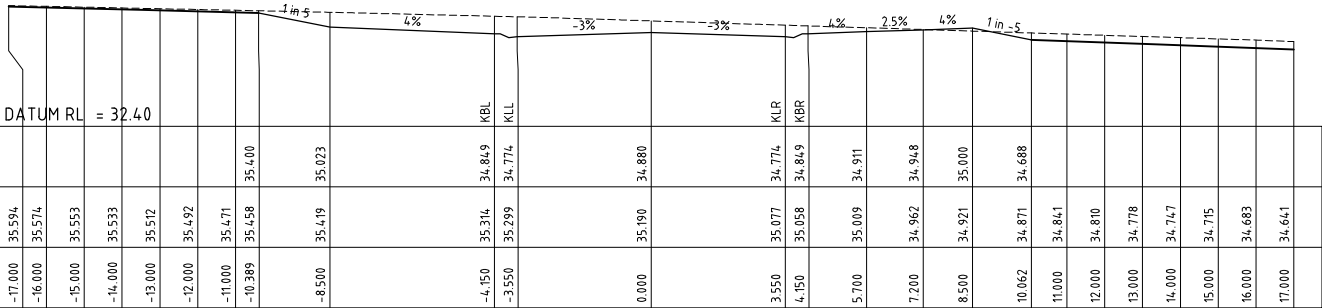
CH 45.00



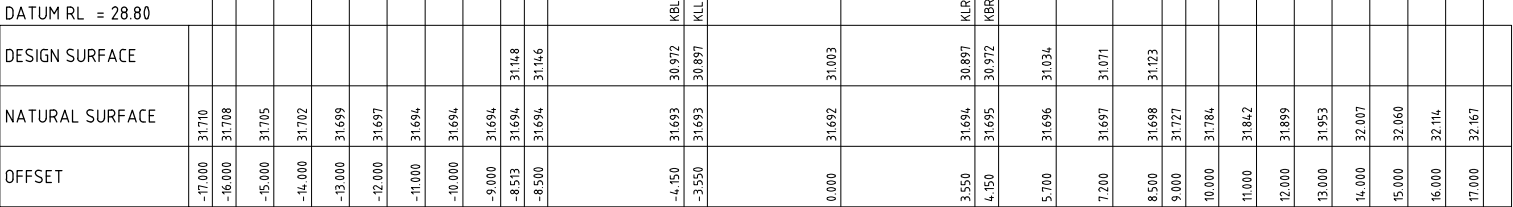
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CH 77.00



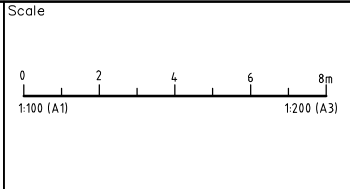
CH 75.00



CH 15.00

REVISION	Description	Drawn	App'd	Date
5	GENERAL AMENDMENTS	AM	IH	19.05.25
4	GENERAL AMENDMENTS	AM	IH	28.04.25
2	CLIENT COMMENTS	JE	IH	03.02.25
1	ORIGINAL ISSUE	JE	IH	23.01.25

North



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Designed AM	Scale 1:100
Cad Reference 22311C dC379 r5	
Project Approval IAN HILL (B.E) Consulting Civil Engineer	

Client

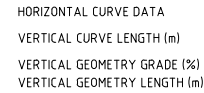
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ANAMBAH URBAN RELEASE AREA
ANAMBAH ROAD
ANAMBAH - DA1
ROAD 11 CROSS SECTIONS

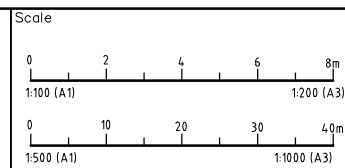
Project No	22311C
Drawing No	C379
Revision	5
A1 SHEET	



LONGITUDINAL SECTION ROAD 12 DA1

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4	GENERAL AMENDMENTS	A M	I H	28.04.25
2	CLIENT COMMENTS	J E	I H	03.02.25
1	ORIGINAL ISSUE	J E	I H	23.01.25
REVISION	Description	Drawn	App'd	Date

PLOT DATE: 30/05/2025 1:48:44 PM CAD FILE: Q:\22\22311 Anambah Urban Release Area DA\02_CAD\AutoCAD\Civil\300 Series - DA1 Concept Design\22311C dC380 r5.dwg



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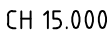
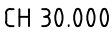
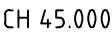
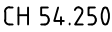
Designed AM	Scale 1:500H/1:100V
Cad Reference 22311C dC380 r5	
Project Approval IAN HILL (B.E) Consulting Civil Engineer	

Client	
	DB20 PTY LTD



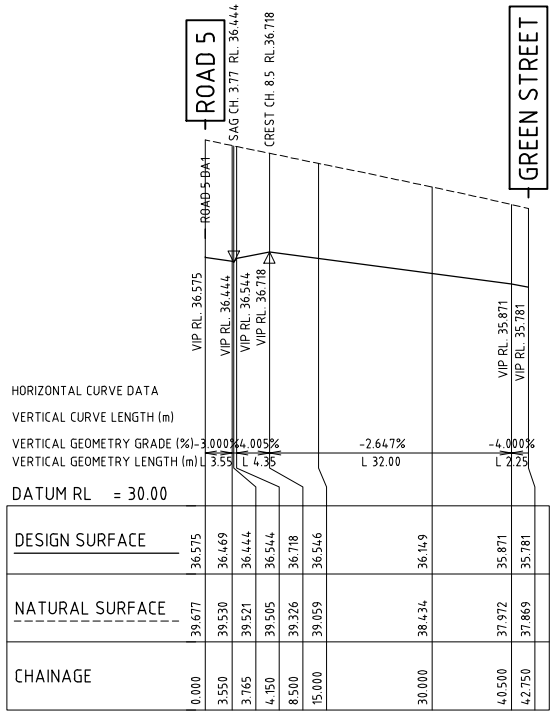
ANAMBAH URBAN RELEASE AREA
ANAMBAH ROAD
ANAMBAH - DA1
ROAD 12 LONG SECTION

Project No	
22311C	
Drawing No	Revision
C380	5
A1 SHEET	

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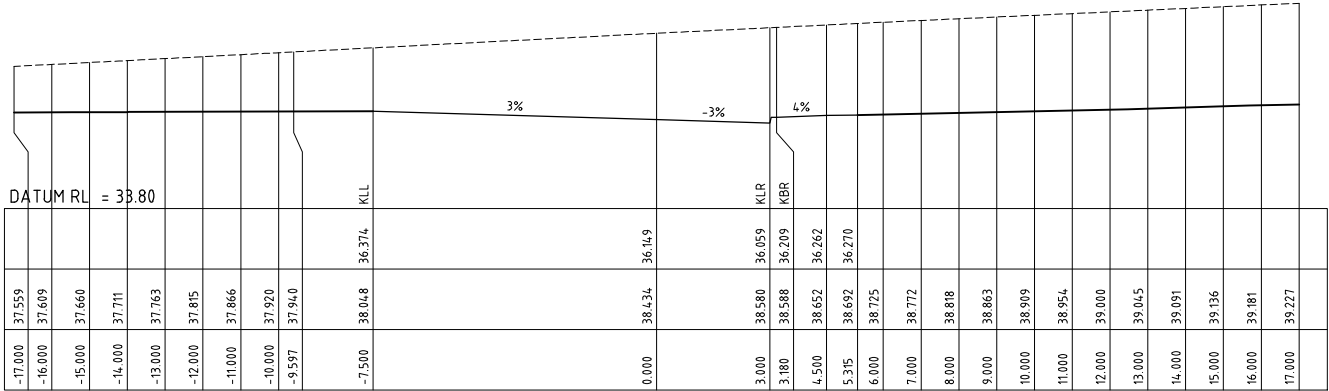
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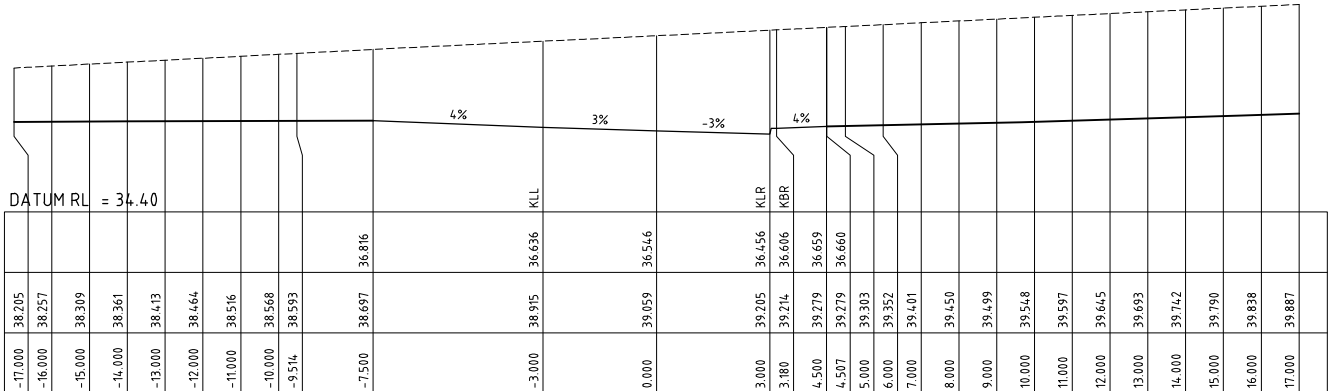


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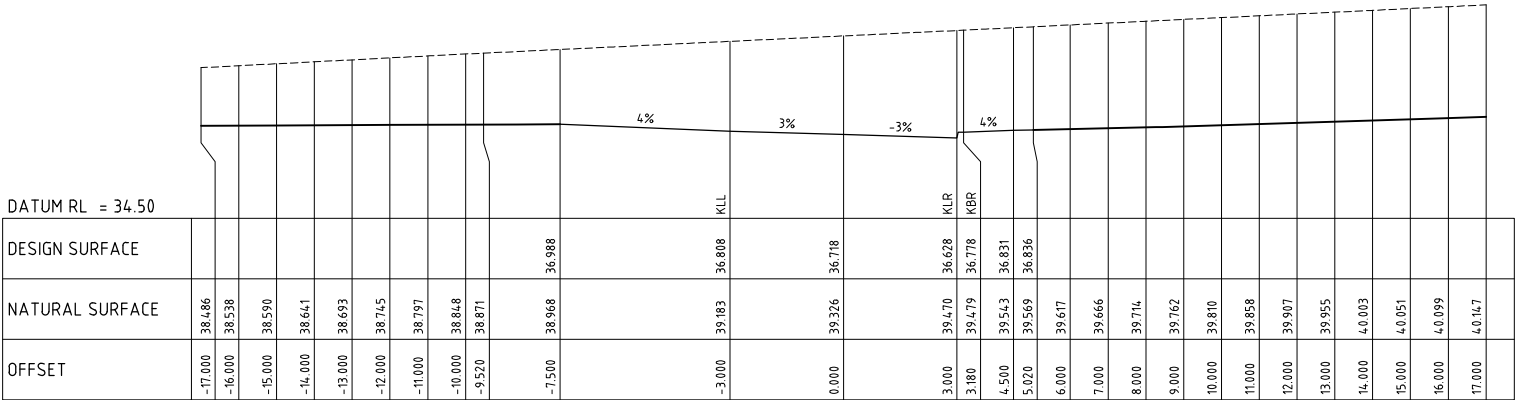
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CH 30.000



CH 15.000



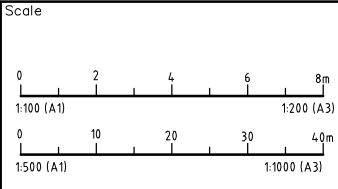
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PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

					North
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4	GENERAL AMENDMENTS	AM	IH	28.04.25	
2	CLIENT COMMENTS	JE	IH	03.02.25	
1	ORIGINAL ISSUE	JE	IH	23.01.25	
REVISION	Description	Drawn	App'd	Date	

PLOT DATE: 30/05/2025 1:48:49 PM

CAD FILE: Q:\22\22311 Anambah Urban Release Area DA\02_CAD\AutoCAD\Civil\300 Series - DA1 Concept Design\22311C dC381A r5.dwg



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Designed AM	Scale 1:100/1:500
Cad Reference 22311C dC381A r5	
Project Approval IAN HILL (B.E) Consulting Civil Engineer	

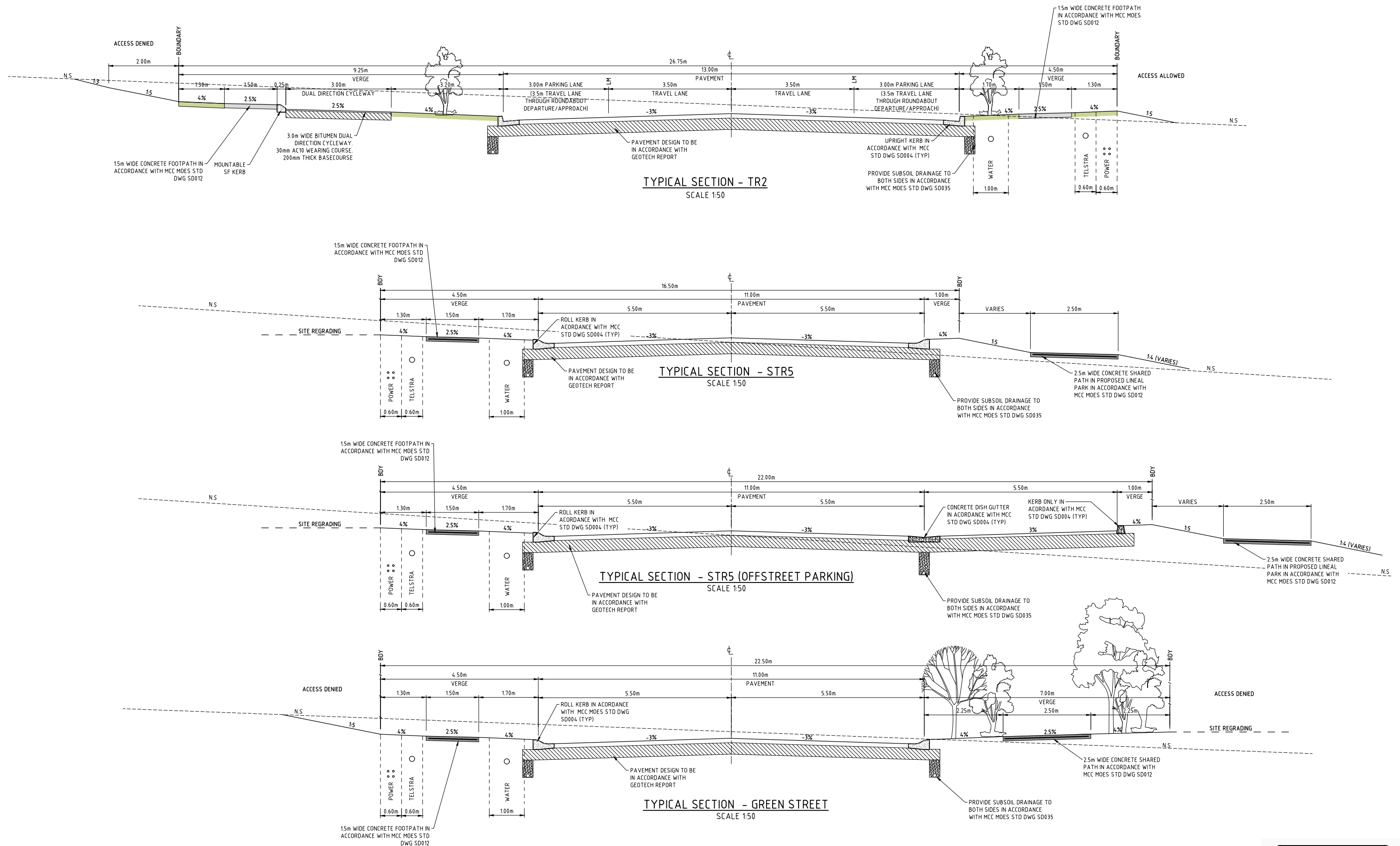
Client

DB20 PTY LTD



ANAMBAH URBAN RELEASE AREA
ANAMBAH ROAD
ANAMBAH - DA1
ACCESSWAY LONGITUDINAL AND CROSS SECTIONS

Project No 22311C	Drawing No C381A	Revision 5
A1 SHEET		



PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

REVISION	Description	Drawn	App'd	Date
7	CLIENT COMMENTS	AM	I.H	29.05.25
6	GEO TECH AMENDMENTS	AM	I.H	26.05.25
5	GENERAL AMENDMENTS	AM	I.H	19.05.25
4	ORIGINAL ISSUE	AM	I.H	24.04.25

North
Scale
0 1 2 3 4m
1:50 (A1) 1:100 (A3)

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Designed	Scale
AM	1:50
Cad Reference	
22311C dC382 r7	
Project Approval	
IAN HILL (B.E)	
Consulting Civil Engineer	

Client
DB20 PTY LTD

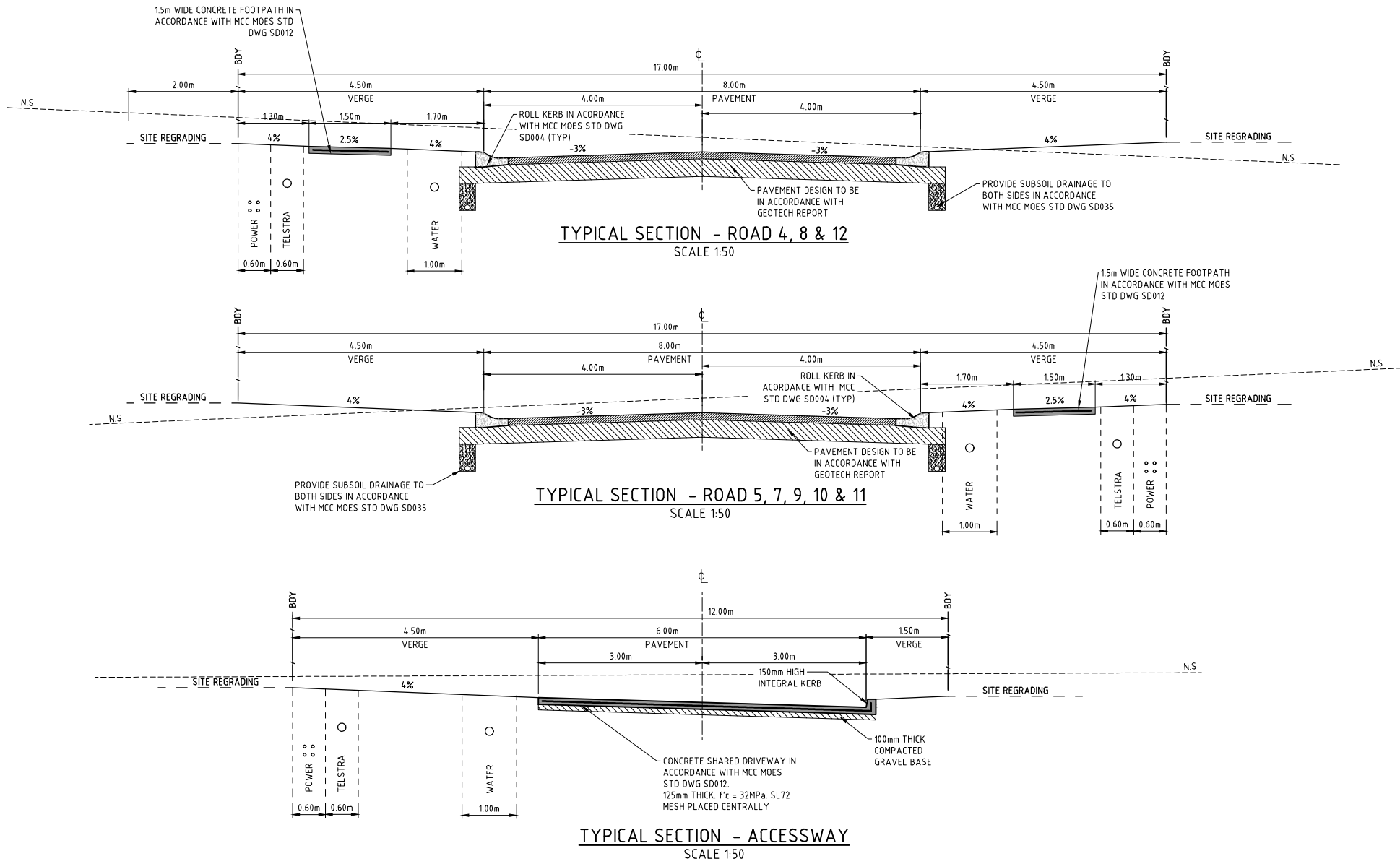
A.B.N. 92 086 017 745
1 HARTLEY DRIVE, THORNTON NSW 2322
PO BOX 3337, THORNTON NSW 2322
PHONE: (02) 4964 1811

ANAMBAH URBAN RELEASE AREA
ANAMBAH ROAD
ANAMBAH - DA1
TYPICAL SECTIONS, DETAILS AND NOTES (1 OF 2)

Project No	22311C
Drawing No	C382
Revision	7
A1 SHEET	

NOTES:

- ALL DIMENSIONS OF EASEMENTS AND LOTS ARE SUBJECT TO REGISTRATION OF DEPOSITED PLAN.
- ALL WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH THE APPROVED PLANS SUBJECT TO MAITLAND CITY COUNCIL'S MANUAL OF ENGINEERING STANDARDS.
- EROSION CONTROL DEVICES AND SILTATION TRAPS TO BE INSTALLED BEFORE SITE IS DISTURBED IN ACCORDANCE WITH THE ATTACHED EROSION AND SEDIMENTATION CONTROL PLAN. COUNCIL IS TO INSPECT ALL EROSION AND SEDIMENT CONTROLS PRIOR TO ANY WORK COMMENCING.
- DENUDED AREAS TO BE SEEDED IMMEDIATELY UPON COMPLETION OF TOP SOIL SPREADING.
- ALL REINFORCED CONC. STORMWATER DRAINAGE PIPES ARE TO BE RUBBER RING JOINTED.
- ALL EKI PIT GRATES TO BE SADDINGTONS GGLCD OR SIMILAR WITH RHS FRONT AND BACK.
- ALL PITS DEEPER THAN 12m ARE TO BE CONSTRUCTED WITH STEP IRONS IN ACCORDANCE WITH MCC MANUAL OF ENGINEERING STANDARDS STD DWG SD039, SD0043 AND ARE TO HAVE INCREASED INTERNAL DIMENSIONS TO ALLOW ACCESS IN ACCORDANCE WITH CONFINED SPACE REGULATIONS.
- ALL STREET DRAINAGE PITS TO BE CONSTRUCTED IN ACCORDANCE WITH SD039.
- ALL INTERALLOTMENT DRAINAGE PIPES TO BE SEWER GRADE uPVC (UNLESS OTHERWISE SHOWN) OR AN APPROVED EQUIVALENT. THE MINIMUM SLOPE OF INTERALLOTMENT DRAINAGE LINES SHALL BE 1%, THE INTERALLOTMENT DRAINAGE LINE SHALL BE A MINIMUM OF 0.5m FROM THE BOUNDARY AND LOCATED IN AN EASEMENT 15m WIDE.
- JUNCTION PITS SHALL BE PROVIDED WHERE AN INTERALLOTMENT PIT IS NOT CONSTRUCTED. THEY SHALL BE 10m FROM THE ADJOINING DOWNSTREAM ALLOTMENT BOUNDARY.
- ALL EXISTING UNDERGROUND SERVICES MUST BE LOCATED AND EXPOSED PRIOR TO EARTHWORKS COMMENCING AND IT IS THE RESPONSIBILITY OF THOSE PERSONS USING THIS PLAN TO CONFIRM BOTH POSITION & LEVEL OF THESE UTILITIES IN CONJUNCTION WITH THE APPROPRIATE AUTHORITY.
- SUBSOIL DRAINS ARE TO BE PROVIDED IN ACCORDANCE WITH COUNCIL'S STD DWG SD035 AND SD032, AND WHERE NECESSARY, AS DIRECTED BY COUNCIL DURING WORKS.
- PAVEMENT THICKNESS TO BE IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE APPROVED GEOTECHNICAL REPORT.
- EASEMENT FOR BATTER TO BE CREATED WHERE FILL BATTERS ARE 3(H):1(V) OR STEEPER OR WHERE DEPTH OF FILL AT BOUNDARY EXCEEDS 600mm.
- WORKING HOURS ON SITE SHALL BE IN ACCORDANCE WITH EPA & COUNCIL REQUIREMENTS.
- VEHICULAR ACCESS AND ALL SERVICES ARE TO BE MAINTAINED AT ALL TIMES TO ADJOINING PROPERTIES AFFECTED BY CONSTRUCTION WORKS.
- MAINTENANCE ON THE SEEDED AND TURFED AREAS SHALL BE OVER A 3 MONTH PERIOD. TURF THE FULL WIDTH OF ALL EARTH DISH DRAINS. LAY 600mm WIDE TURF STRIPS TO EACH SIDE OF CONCRETE ACCESSWAYS, PATHWAYS, AT THE REAR OF ALL KERB AND GUTTERING AND AT THE TOP OF CUT BATTERS. MULCH (IF AVAILABLE FROM SITE CLEARING) AND SEED ALL OTHER DISTURBED AREAS, INCLUDING TRENCHES. NO PERMANENT MULCH/WOODCHIP IS PERMITTED WITHIN FLOWPATHS AND PUBLIC AREAS.
- ALL PERAMBULATOR RAMPS TO BE CONSTRUCTED AS SHOWN ON PLANS AND IN ACCORDANCE WITH MAITLAND CITY COUNCIL'S MANUAL OF ENGINEERING STANDARDS STD DWG SD019.
- TRAFFIC CONTROL MEASURES TO BE IN ACCORDANCE WITH AS 1742.3-1996.
- ALL LEVELS MUST BE OBTAINED FROM ESTABLISHED BENCH MARKS AS DIRECTED BY THE SUPERVISOR.
- THE CONTRACTOR IS TO ENSURE THAT ALL THE NECESSARY SERVICE PIPE CONDUITS AND FITTINGS ARE IN PLACE PRIOR TO THE FINAL WEARING COURSE BEING LAID.
- PROVIDE STREET NAME SIGNS AT ALL INTERSECTIONS, DOUBLE BLADED WHERE NECESSARY IN ACCORDANCE WITH MCC MANUAL OF ENGINEERING STANDARDS STD DWG SD029.
- ALL SITE FILLING TO BE CONTROLLED FILL WITH INSPECTION TESTING TO BE CARRIED OUT BY A NATA REGISTERED LABORATORY TO LEVEL 1 IN ACCORDANCE WITH AS3798.
- PAVEMENT PROOF ROLLING AND LEVEL CHECKS, DENSITY AND BENKELMAN BEAM TESTING TO BE IN ACCORDANCE WITH COUNCIL'S MANUAL OF ENGINEERING STANDARDS.
- WHERE APPROVED CONSTRUCTION WORK REQUIRES THE REMOVAL OF TREES, THE CONTRACTOR IS TO ENGAGE THE SERVICES OF A SUITABLY QUALIFIED ECOLOGIST TO INSPECT THE SITE AND IDENTIFY ANY TREE WHICH IS LIKELY TO BE A HABITAT TREE. THE ECOLOGIST IS ALSO TO BE ON SITE DURING THE FELLING OF ANY IDENTIFIED TREE AND ENSURE THAT ANY DISPLACED OR INJURED WILDLIFE IS COLLECTED AND FORWARDED TO AN APPROPRIATE WILDLIFE RESCUE SERVICE. THE ECOLOGIST IS TO REPORT TO COUNCIL ON ACTION TAKEN AS PART OF TREE CLEARING OPERATIONS.



FLEXIBLE PAVEMENT CONSTRUCTION

LAYER	LAYER THICKNESS									COMPACTION	
	TR2, STR2/4			STR5, GREEN STREET			ROAD 4, ROAD 5, ROAD 6, ROAD 7, ROAD 8, ROAD 9, ROAD 10, ROAD 11, ROAD 12				DUAL DIRECTION CYCLEWAY
WEARING COURSE: #	45 AC14 HD*			45 AC14 HD*			30 AC10*			30mm AC10	
BASECOURSE	150	150	150	150	150	150	160**	160	160**	200	98% MODIFIED
SUBBASE	360	185	150	345	175	150	290	140	140	-	95% MODIFIED
TOTAL THICKNESS	555	380	345	540	370	345	480	330	330	230	
SUBGRADE CBR	MIN 3%	MIN 6%	MIN 10%	MIN 3%	MIN 6%	MIN 10%	MIN 3%	MIN 6%	MIN 10%	-	100% STANDARD
SELECT (mm)	(300)***	TBC****	-	(300)***	TBC****	-	(300)***	TBC****	-	-	100% STANDARD
DESIGN ESA's	2x10 ⁶			1.5x10 ⁶			5x10 ⁵			-	
DESIGN CBR	3%	6%	10%	3%	6%	10%	3%	6%	10%	-	

PAVEMENT DESIGN IN ACCORDANCE WITH "Geotechnical Investigation Report DA1-Anambah Road, Anambah NSW DB20 Pty Ltd (Roche Group)"
EP RISK MANAGEMENT GEOTECHNICAL INVESTIGATION REPORT PROJECT: EP3487.002 DATED 23 MAY 2025

- * AC14/AC10 WITH 10mm PRIMER SEAL PLACED UNDER THE ASPHALTIC CONCRETE WEARING SURFACE
- ** BASECOURSE LAYER WILL BE 160mm TO SUIT STANDARD KERB AND GUTTER (MODIFIED SA) OR ROLL KERB
- *** MINIMUM 300mm CBR 15% IS REQUIRED FOR THE CBR 3% OPTION WHERE THE CBR SWELL IS ≥2.5%
- **** A SELECT LAYER MAY BE REQUIRED WHERE UNSATISFACTORY PROOF ROLL IS OBTAINED, OR 300mm SELECT WHERE CBR SWELL IS ≥2.5% (NOT ANTICIPATED)

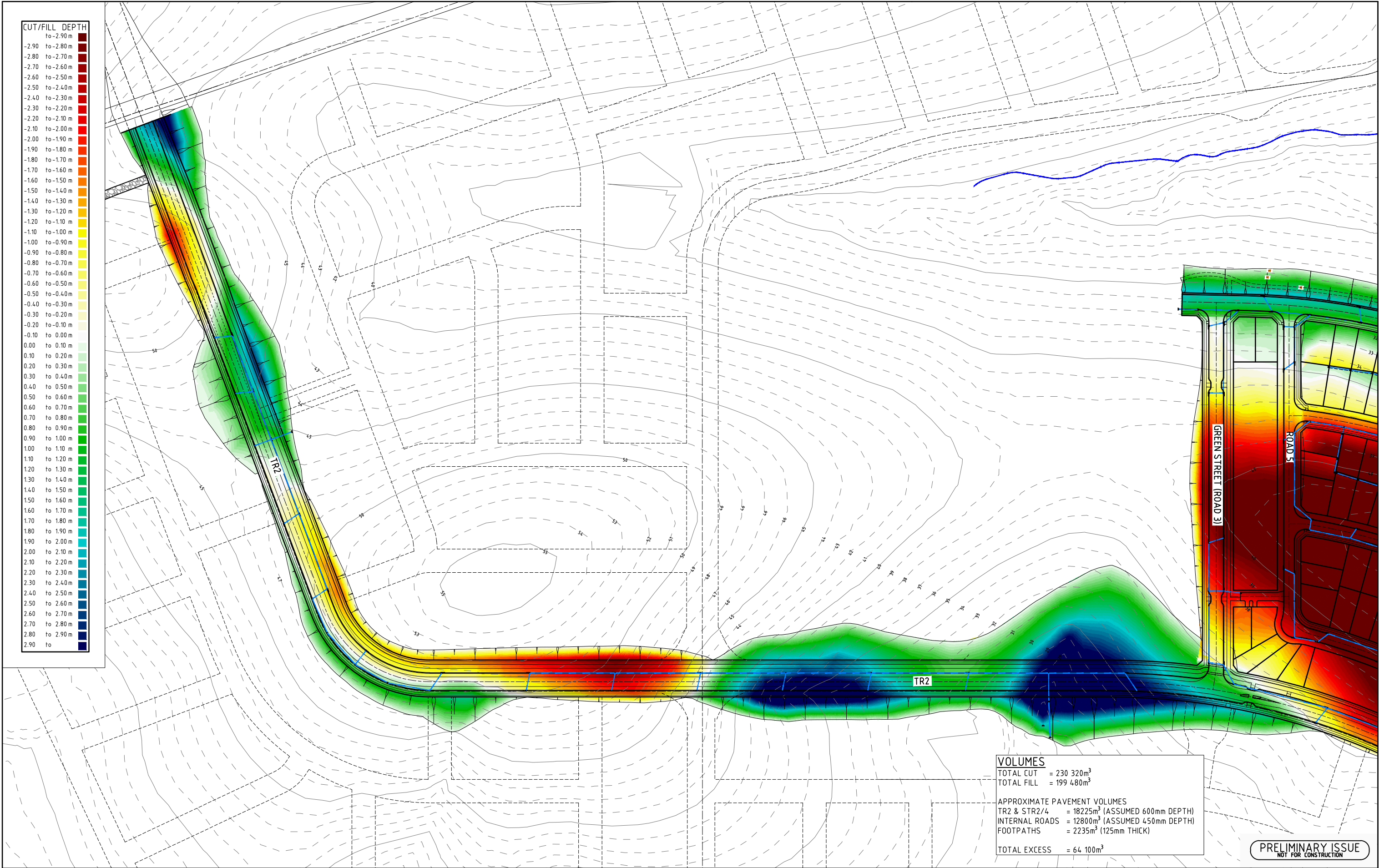
RIGID PAVEMENT CONSTRUCTION

LAYER	LAYER THICKNESS		
	CYCLEWAY/FOOTPATH	LOCAL STREET CONCRETE THRESHOLD (NO BUSES)	LOCAL STREET CONCRETE THRESHOLD (WITH BUSES)
BASECOURSE	125 *	160 **	180 **
SUBBASE	50	100	100
TOTAL THICKNESS	175	260	280
SUBGRADE CBR	MIN 5%	MIN 5%	MIN 5%

PAVEMENT DESIGN IN ACCORDANCE WITH "Geotechnical Investigation Report DA1-Anambah Road, Anambah NSW DB20 Pty Ltd (Roche Group)"
EP RISK MANAGEMENT GEOTECHNICAL INVESTIGATION REPORT PROJECT: EP3487.002 DATED 23 MAY 2025

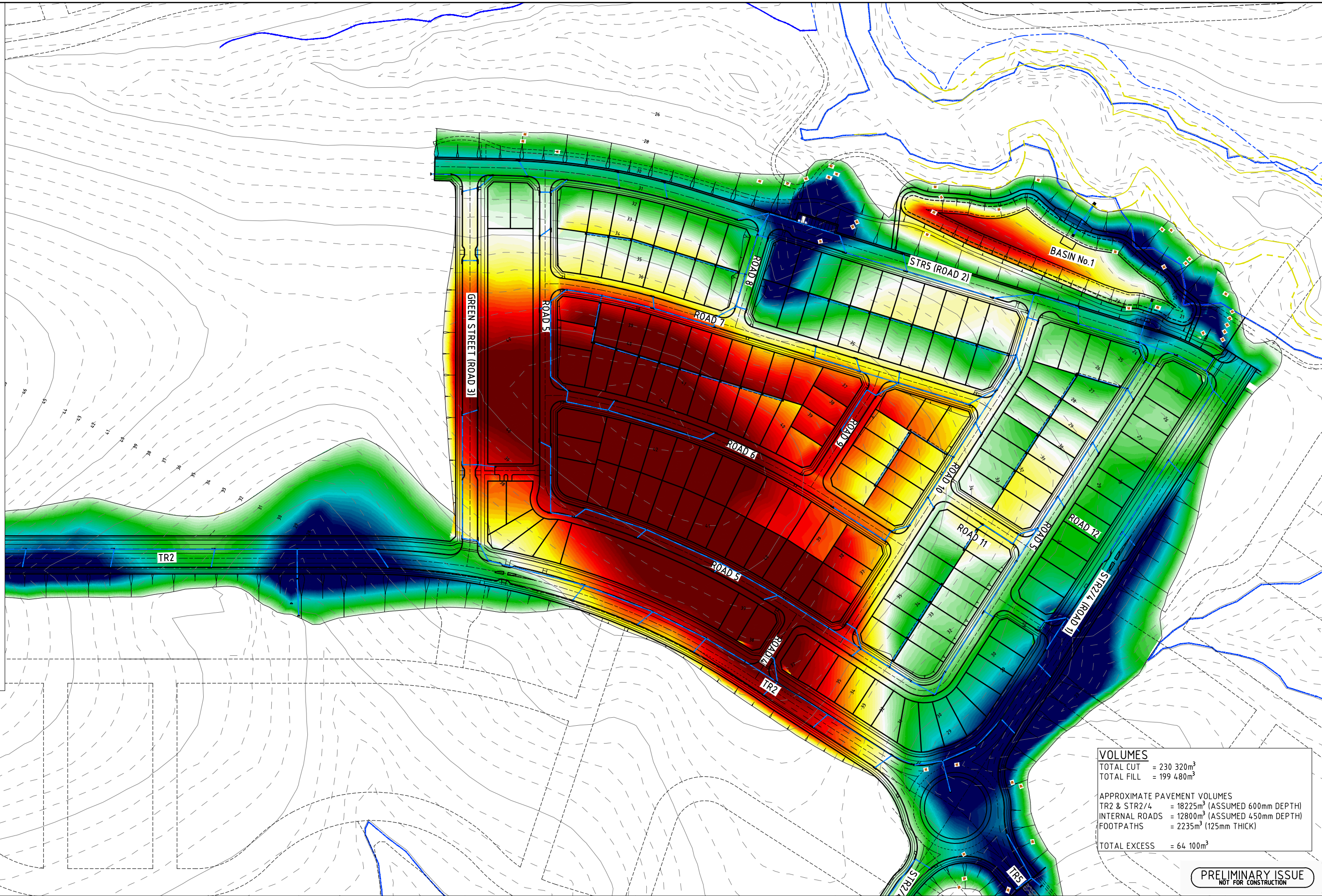
- * 125mm CONCRETE BASECOURSE LAYER 32 MPa CONCRETE WITH CONTINUOUS LAPPED F72 MESH CENTRALLY PLACED. DETAILING AS PER MCC STANDARD DRAWING SD012
- ** CONCRETE BASECOURSE 4.25 FLEXURAL STRENGTH WITH NO SHOULDER WILL VARY ACCORDING TO THE ROAD CATEGORY AND SHOULD BE WITH TABLE 9.2 IN CEMENT AND CONCRETE ASSOCIATION AUSTRALIA GUIDE TO RESIDENTIAL STREETS AND PATHS WITH REINFORCEMENT AND JOINTING BY AN EXPERIENCED STRUCTURAL ENGINEER.

					North	<div>Scale</div> <div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div><div>01234m</div><div>1:50 (A1)1:100 (A3)</div></div>	<div>COPYRIGHT</div> <div>Copyright in the drawings, information and data recorded hereon is the property of Geoff Craig & Associates Pty Ltd and may not be used, copied or reproduced in whole or part for any purpose other than that for which it is supplied without the prior consent of Geoff Craig & Associates Pty Ltd.</div>	Designed	Scale	Client	<div><div><div></div><div></div><div></div></div><div>GCA</div><div>ENGINEERING SOLUTIONS</div></div> <div>A.B.N. 92 086 017 745</div> <div>1 HARTLEY DRIVE, THORNTON NSW 2322</div> <div>P.O. BOX 3337, THORNTON NSW 2322</div> <div>PHONE: (02) 4964 1811</div>	ANAMBAH URBAN RELEASE AREA ANAMBAH ROAD ANAMBAH – DA1 TYPICAL SECTIONS, DETAILS AND NOTES (2 OF 2)		Project No																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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					<div>North</div> <div></div>		<div>Scale</div> <div></div>		<div>COPYRIGHT</div> <div>Copyright in the drawings, information and data recorded hereon is the property of Geoff Craig & Associates Pty Ltd and may not be used, copied or reproduced in whole or part for any purpose other than that for which it is supplied without the prior consent of Geoff Craig & Associates Pty Ltd.</div>		<div>Designed</div> <div>AM</div>	<div>Scale</div> <div>1:1250</div>	<div>Client</div> <div>DB20 PTY LTD</div>	<div></div> <div>A.B.N. 92 086 017 745 1 HARTLEY DRIVE, THORNTON NSW 2322 PO BOX 3337, THORNTON NSW 2322 PHONE: (02) 4964 1811</div>	<div>ANAMBAH URBAN RELEASE AREA</div> <div>ANAMBAH ROAD</div> <div>ANAMBAH - DA1</div> <div>CUT FILL SHADE PLOT (1 OF 2)</div>	<div>Project No</div> <div>22311C</div>																				
<table><tr><td>5</td><td>GENERAL AMENDMENTS</td><td>AM</td><td>I.H</td><td>19.05.25</td></tr><tr><td>4</td><td>GENERAL AMENDMENTS</td><td>AM</td><td>I.H</td><td>28.04.25</td></tr><tr><td>2</td><td>CLIENT COMMENTS</td><td>JE</td><td>I.H</td><td>03.02.25</td></tr><tr><td>1</td><td>ORIGINAL ISSUE</td><td>JE</td><td>I.H</td><td>23.01.25</td></tr></table>					5	GENERAL AMENDMENTS	AM	I.H			19.05.25	4				GENERAL AMENDMENTS	AM	I.H	28.04.25	2	CLIENT COMMENTS	JE	I.H	03.02.25	1	ORIGINAL ISSUE	JE	I.H	23.01.25	<div>Cad Reference</div> <div>22311C dC384 r5</div>						
5	GENERAL AMENDMENTS	AM	I.H	19.05.25																																
4	GENERAL AMENDMENTS	AM	I.H	28.04.25																																
2	CLIENT COMMENTS	JE	I.H	03.02.25																																
1	ORIGINAL ISSUE	JE	I.H	23.01.25																																
<table><tr><th>REVISION</th><th>Description</th><th>Drawn</th><th>App'd</th><th>Date</th></tr></table>					REVISION	Description	Drawn	App'd	Date	<div>Project Approval</div> <div>IAN HILL (B.E) Consulting Civil Engineer</div>										<div>A1 SHEET</div>																
REVISION	Description	Drawn	App'd	Date																																

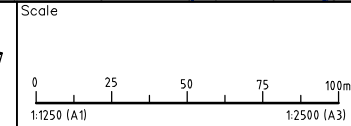
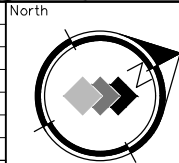
CUT/FILL DEPTH	
to -2.90 m	
-2.90 to -2.80 m	
-2.80 to -2.70 m	
-2.70 to -2.60 m	
-2.60 to -2.50 m	
-2.50 to -2.40 m	
-2.40 to -2.30 m	
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1.80 to 1.90 m	
1.90 to 2.00 m	
2.00 to 2.10 m	
2.10 to 2.20 m	
2.20 to 2.30 m	
2.30 to 2.40 m	
2.40 to 2.50 m	
2.50 to 2.60 m	
2.60 to 2.70 m	
2.70 to 2.80 m	
2.80 to 2.90 m	
2.90 to	



VOLUMES	
TOTAL CUT	= 230 320m ³
TOTAL FILL	= 199 480m ³
APPROXIMATE PAVEMENT VOLUMES	
TR2 & STR2/4	= 18225m ³ (ASSUMED 600mm DEPTH)
INTERNAL ROADS	= 12800m ³ (ASSUMED 450mm DEPTH)
FOOTPATHS	= 2235m ³ (125mm THICK)
TOTAL EXCESS	= 64 100m ³

PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

REVISION	Description	Drawn	App'd	Date
5	GENERAL AMENDMENTS	AM	IH	19.05.25
4	GENERAL AMENDMENTS	AM	IH	28.04.25
2	CLIENT COMMENTS	JE	IH	03.02.25
1	ORIGINAL ISSUE	JE	IH	23.01.25



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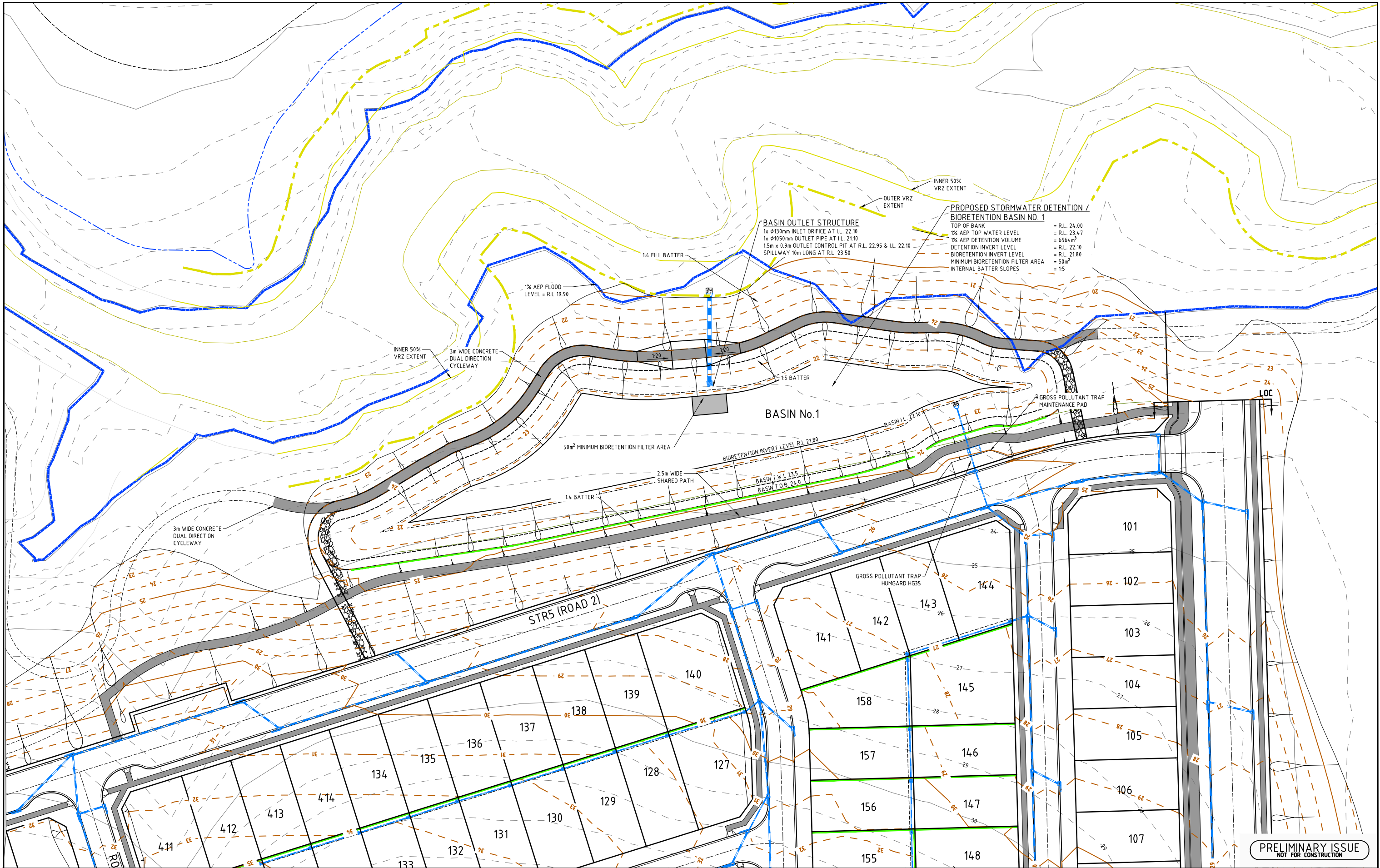
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Cad Reference 22311C dC385 r5	
Project Approval IAN HILL (B.E) Consulting Civil Engineer	

Client
DB20 PTY LTD

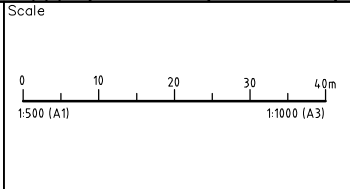
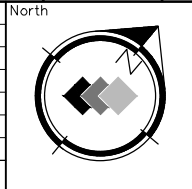
GCA
ENGINEERING SOLUTIONS
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1 HARTLEY DRIVE, THORNTON NSW 2322
PO BOX 3337, THORNTON NSW 2322
PHONE: (02) 4964 1811

ANAMBAB URBAN RELEASE AREA
ANAMBAB ROAD
ANAMBAB - DA1
CUT FILL SHADE PLOT (2 OF 2)

Project No 22311C	
Drawing No C385	Revision 5
A1 SHEET	



REVISION	Description	Drawn	App'd	Date
5	GENERAL AMENDMENTS	AM	IH	19.05.25
4	GENERAL AMENDMENTS	AM	IH	28.04.25
2	CLIENT COMMENTS	JE	IH	03.02.25
1	ORIGINAL ISSUE	JE	IH	23.01.25



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Designed
AM
Cad Reference
22311C dC386 r5
Project Approval
IAN HILL (B.E)
Consulting Civil Engineer

Client
DB20 PTY LTD



ANAMBAH URBAN RELEASE AREA
ANAMBAH ROAD
ANAMBAH - DA1
BASIN 1 PLAN SHEET

Project No	22311C
Drawing No	C386
Revision	5
A1 SHEET	

- 1) 15 MPa CONCRETE WITH A 6:1 RATIO (GRAVEL:CEMENT)
- 2) DENSITY RANGE BETWEEN 1600kg/m³ - 2100kg/m³
- 3) THE VOID RATIO OF THE MIX IS EXPECTED TO BE BETWEEN 20% AND 30% AND SHOULD BE FREE DRAINING.
- 4) FILL THE VOIDS OF THE BLOCK AND BACKFILL TO THE SPECIFIED DEPTH WITH 'NO FINES' CONCRETE
- 5) THE VERTICAL HEIGHTS OF POUR SHOULD NOT EXCEED 600mm
- 6) ALLOW EACH POUR TO SET PRIOR TO LAYING AND POURING SUBSEQUENT COURSES.
- 7) DESIGN BASED ON A MINIMUM NATURAL SUBGRADE BEARING CAPACITY OF 200 kPa.
- 8) THE 'NO FINES' RETAINING WALLS HAVE BEEN DESIGNED FOR A MAXIMUM SURCHARGE OF 25kPa in ACCORDANCE WITH THE ALLAN BLOCK COMMERCIAL BROCHURE REF: CM.AB0504.
- 9) ANY STRUCTURE APPLYING SURCHARGE LOADING GREATER THAN THAT SPECIFIED SHALL BE PIERED TO MIN 300mm BENEATH THE ZONE OF INFLUENCE OF THE RETAINING WALL. THIS APPLIES PARTICULARLY TO HOUSE FOUNDATIONS. THE ZONE OF INFLUENCE SHALL BE ASSUMED TO ACT AT 45° FROM THE BASE AT THE BACK OF THE NO FINES CONCRETE.

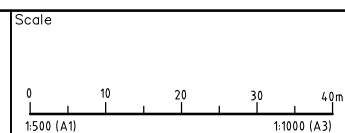
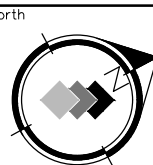
- 1) WALLS TO BE PLACED STRICTLY IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.
- 2) THE AB GRAVITY RETAINING WALL HAS BEEN DESIGNED FOR A MAXIMUM SURCHARGE OF 1.0kPa
- 3) DESIGN BASED ON A MINIMUM NATURAL SUBGRADE BEARING CAPACITY OF 200 kPa.
- 4) ANY STRUCTURE APPLYING SURCHARGE LOADING GREATER THAN THAT SPECIFIED SHALL BE PERIED TO MIN 300mm BENEATH THE ZONE OF INFLUENCE OF THE RETAINING WALL. THIS APPLIES PARTICULARLY TO HOUSE FOUNDATIONS. THE ZONE OF INFLUENCE SHALL BE ASSUMED TO ACT AT 2h:1v FROM THE LOWEST BLOCK.



H (mm)	T (mm)
1400	950
1200	750
800	650

PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

5	GENERAL AMENDMENTS	AM	IH	19.05.25
4	ORIGINAL ISSUE	AM	IH	24.04.25
REVISION	Description	Drawn	App'd	Date



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Designed AM	Scale 1:1250
Cad Reference 22311C dC387 r5	
Project Approval IAN HILL (B.E) Consulting Civil Engineer	

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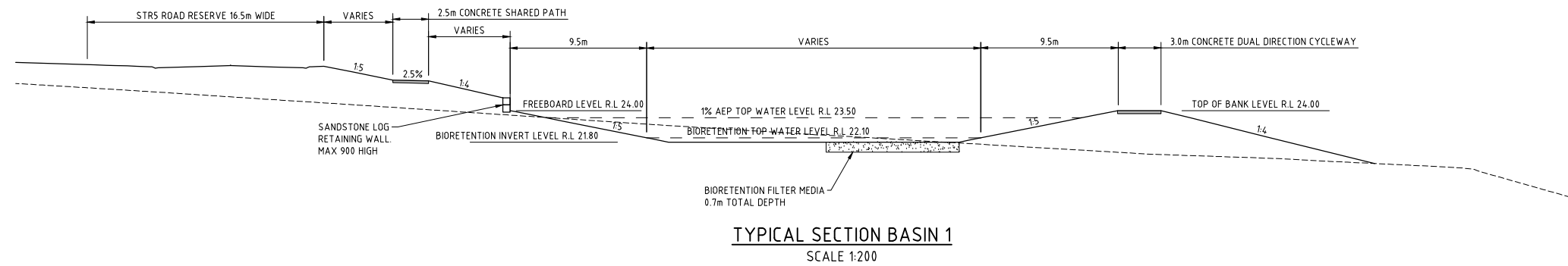
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TYPICAL RETAINING WALL DETAILS

Project No		22311C	
Drawing No	C387	Revision	5
A1 SHEET			

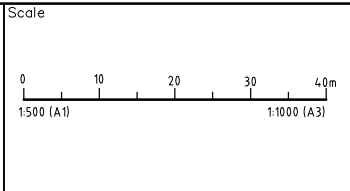
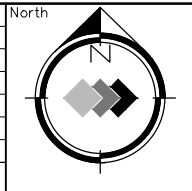
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PRELIMINARY ISSUE
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REVISION	Description	Drawn	App'd	Date
5	GENERAL AMENDMENTS	AM	I.H.	19.05.25
4	GENERAL AMENDMENTS	AM	I.H.	28.04.25
2	CLIENT COMMENTS	JE	I.H.	03.02.25
1	ORIGINAL ISSUE	JE	I.H.	23.01.25



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Cad Reference 22311C dC388 r5	
Project Approval IAN HILL (B.E) Consulting Civil Engineer	

Client
DB20 PTY LTD



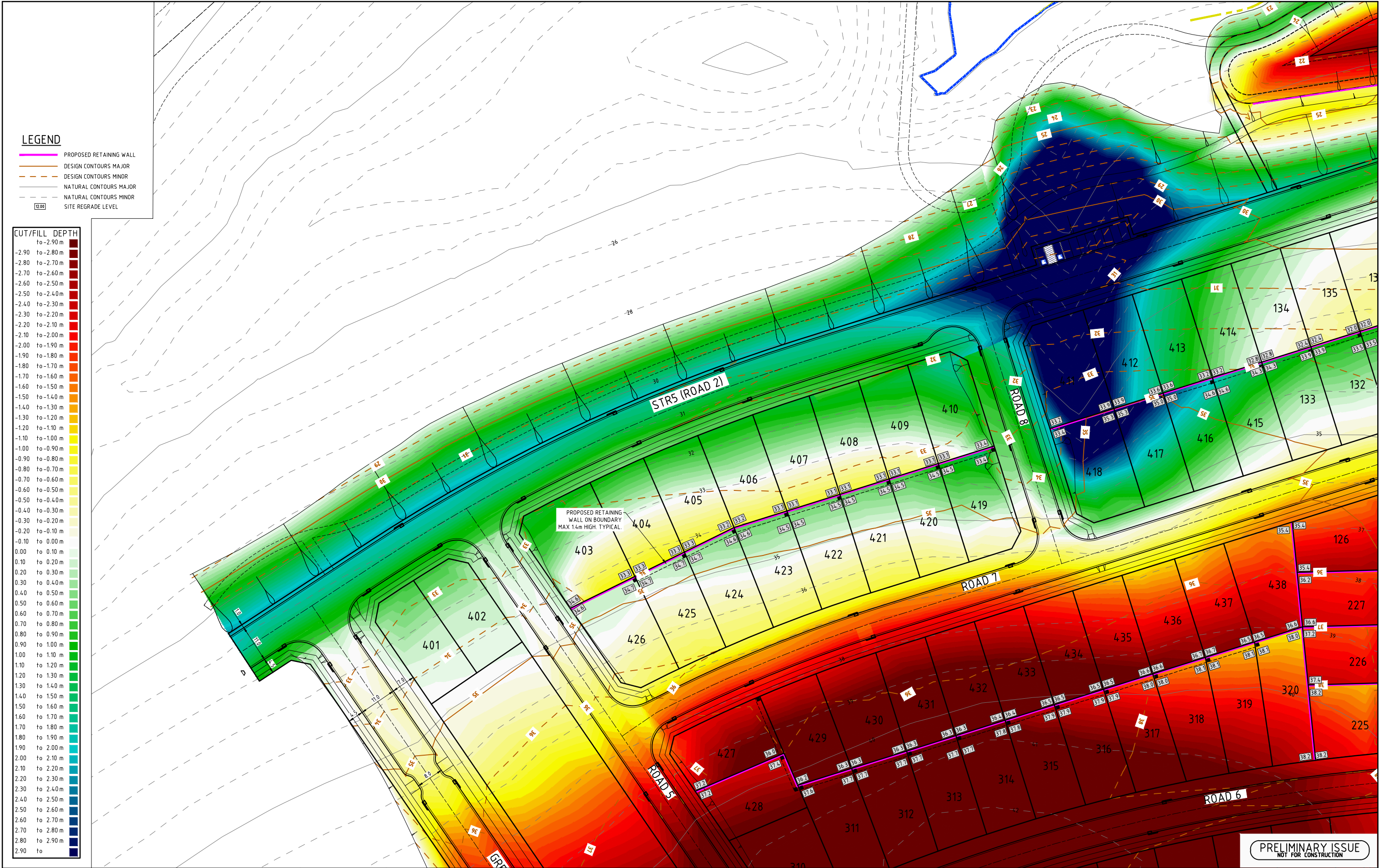
GCA
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1 HARTLEY DRIVE, THORNTON NSW 2322
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PHONE: (02) 4964 1811

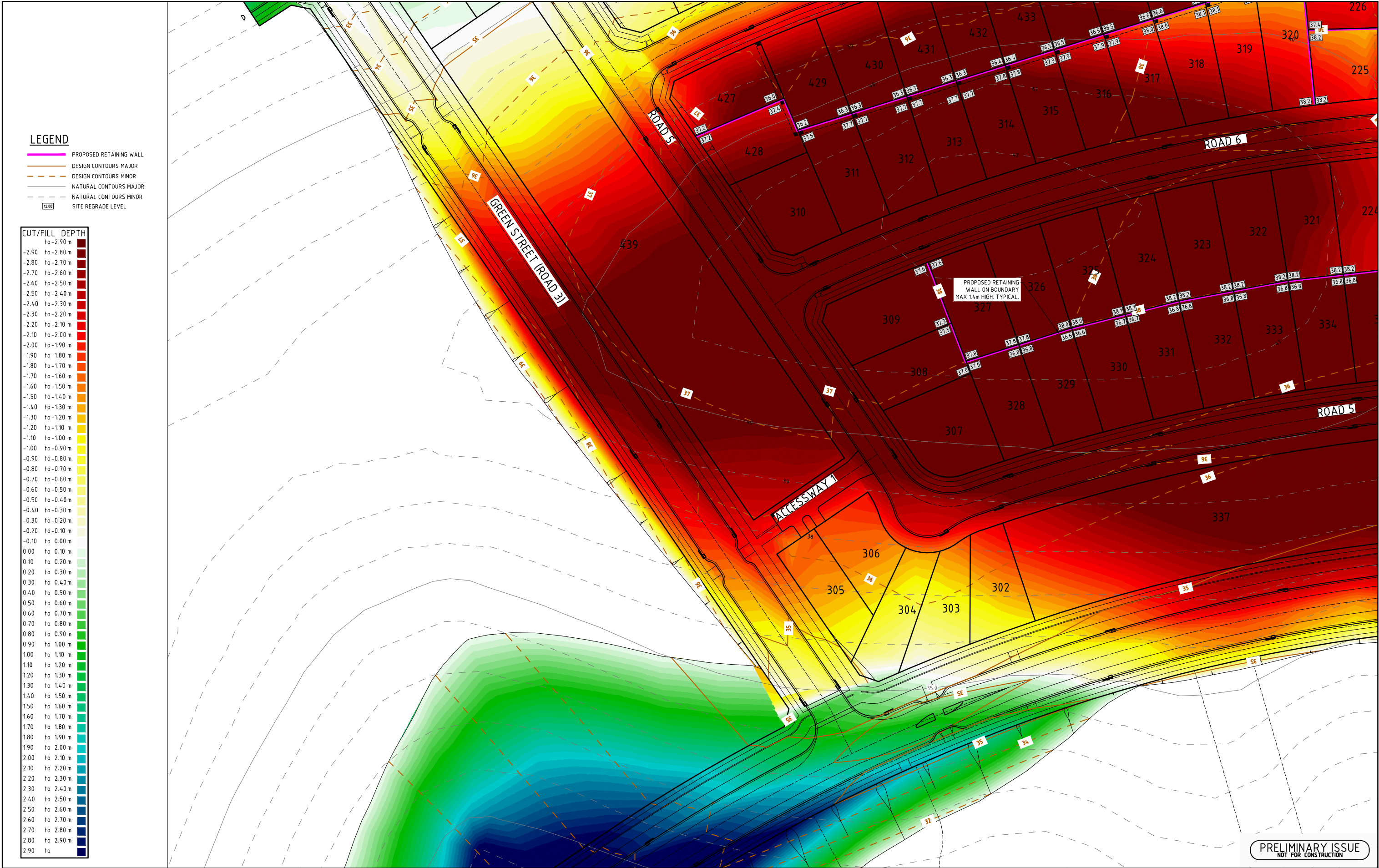
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ANAMBAH ROAD
ANAMBAH - DA1

BASIN SECTIONS

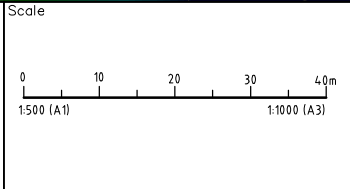
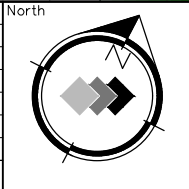
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															Cad Reference					A.B.N. 92 086 017 745 1 HARTLEY DRIVE, THORNTON NSW 2322 PO BOX 3337, THORNTON NSW 2322 PHONE: (02) 4964 1811					Project No				
															22311C dC389 r5					Project Approval					22311C				
															IAN HILL (B.E) Consulting Civil Engineer										Drawing No				
																									C389				
																									Revision				
																									5				
																									A1 SHEET				



REVISION	Description	Drawn	App'd	Date
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4	GENERAL AMENDMENTS	AM	IH	28.04.25
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1	ORIGINAL ISSUE	JE	IH	23.01.25



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Designed
AM
Cad Reference
22311C dC390 r5
Project Approval
IAN HILL (B.E)
Consulting Civil Engineer

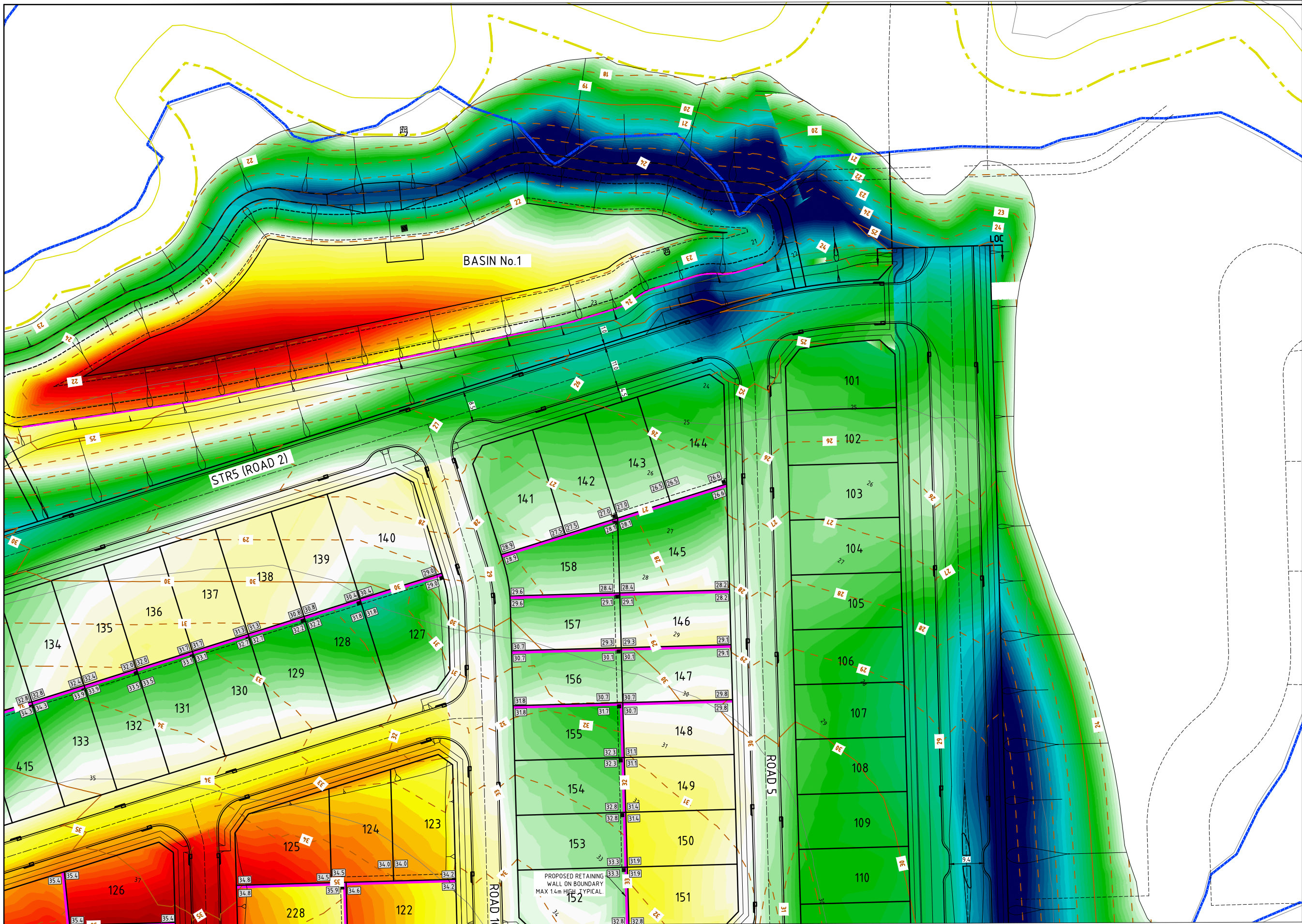
Client
DB20 PTY LTD

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ANAMBAH URBAN RELEASE AREA
ANAMBAH ROAD
ANAMBAH - DA1
REGRADE PLAN (2 OF 4)

Project No	22311C
Drawing No	C390
Revision	5
A1 SHEET	



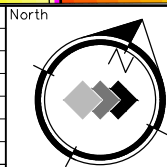
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- PROPOSED RETAINING WALL
- DESIGN CONTOURS MAJOR
- DESIGN CONTOURS MINOR
- NATURAL CONTOURS MAJOR
- NATURAL CONTOURS MINOR
- SITE REGRADE LEVEL

CUT/FILL DEPTH	
to -2.90 m	
-2.90 to -2.80 m	
-2.80 to -2.70 m	
-2.70 to -2.60 m	
-2.60 to -2.50 m	
-2.50 to -2.40 m	
-2.40 to -2.30 m	
-2.30 to -2.20 m	
-2.20 to -2.10 m	
-2.10 to -2.00 m	
-2.00 to -1.90 m	
-1.90 to -1.80 m	
-1.80 to -1.70 m	
-1.70 to -1.60 m	
-1.60 to -1.50 m	
-1.50 to -1.40 m	
-1.40 to -1.30 m	
-1.30 to -1.20 m	
-1.20 to -1.10 m	
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0.50 to 0.60 m	
0.60 to 0.70 m	
0.70 to 0.80 m	
0.80 to 0.90 m	
0.90 to 1.00 m	
1.00 to 1.10 m	
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1.80 to 1.90 m	
1.90 to 2.00 m	
2.00 to 2.10 m	
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2.90 to	

PRELIMINARY ISSUE
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2	CLIENT COMMENTS	JE	IH	03.02.25
1	ORIGINAL ISSUE	JE	IH	23.01.25



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1:500 (A1)
1:1000 (A3)

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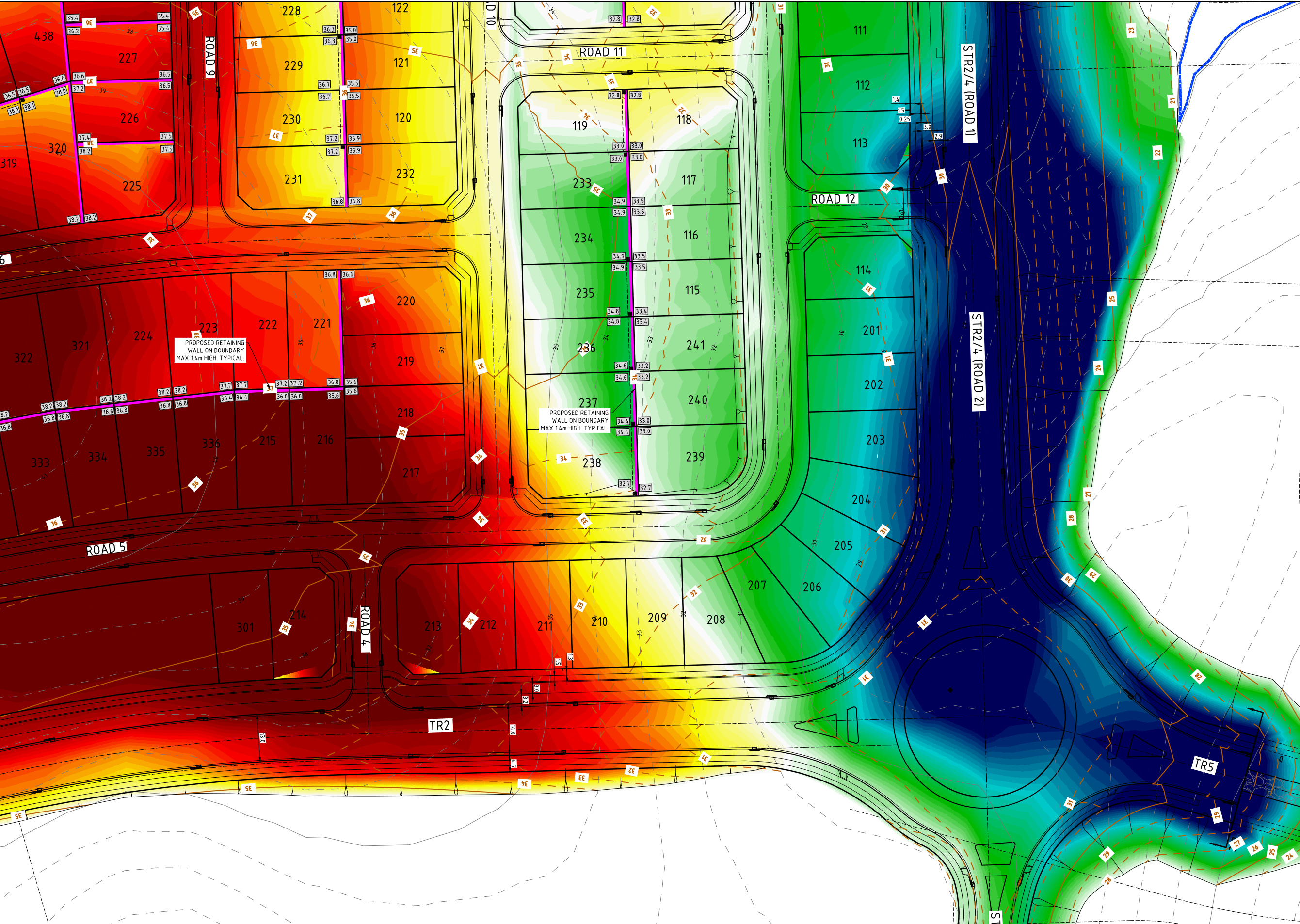
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Cad Reference
22311C dC391 r5
Project Approval
IAN HILL (B.E)
Consulting Civil Engineer

Client
DB20 PTY LTD

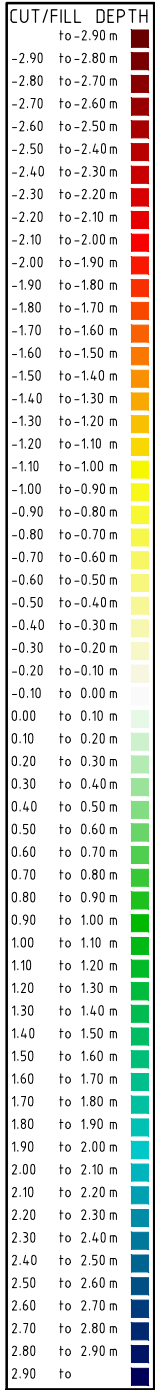
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ANAMBAH URBAN RELEASE AREA
ANAMBAH ROAD
ANAMBAH - DA1
REGRADE PLAN (3 OF 4)

Project No
22311C
Drawing No
C391
Revision
5
A1 SHEET

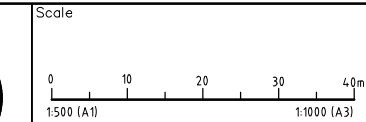
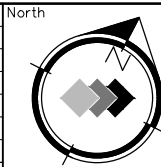


- LEGEND**
- PROPOSED RETAINING WALL
 - DESIGN CONTOURS MAJOR
 - DESIGN CONTOURS MINOR
 - NATURAL CONTOURS MAJOR
 - NATURAL CONTOURS MINOR
 - SITE REGRADE LEVEL



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1	ORIGINAL ISSUE	JE	IH	23.01.25



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Designed
AM

Cad Reference
22311C dC392 r5

Project Approval
IAN HILL (B.E)
Consulting Civil Engineer

Client
DB20 PTY LTD

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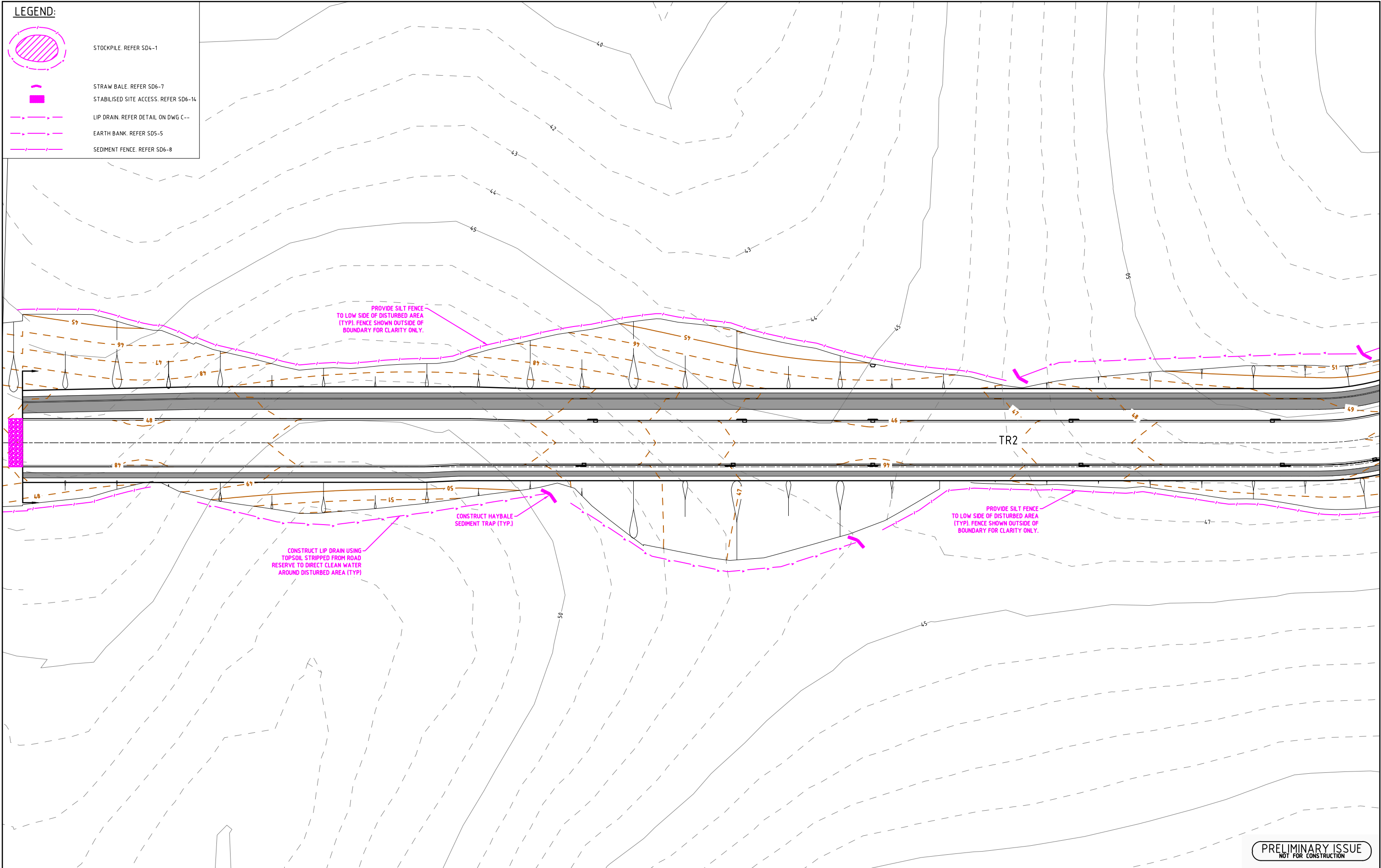
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1 HARTLEY DRIVE, THORNTON NSW 2322
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ANAMBAH URBAN RELEASE AREA
ANAMBAH ROAD
ANAMBAH - DA1
REGRADE PLAN (4 OF 4)

Project No
22311C

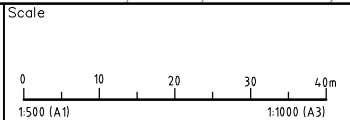
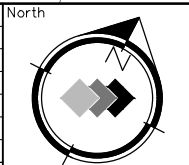
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PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

REVISION	Description	Drawn	App'd	Date
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2	CLIENT COMMENTS	JE	IH	03.02.25
1	ORIGINAL ISSUE	JE	IH	23.01.25



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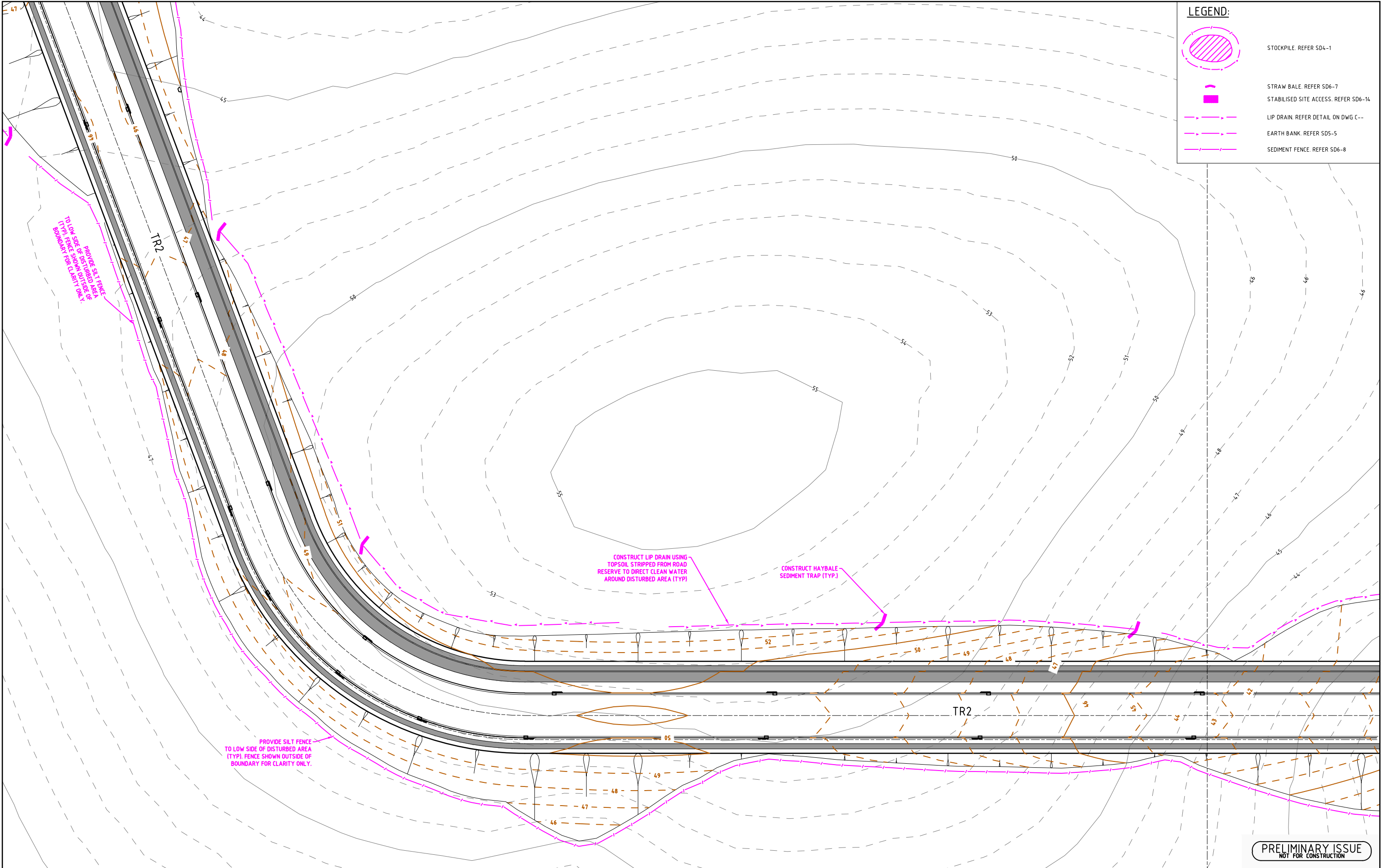
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Client
DB20 PTY LTD

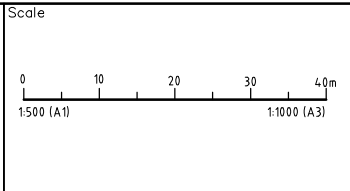
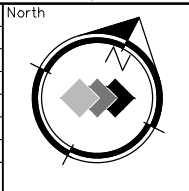
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PHONE: (02) 4964 1811

ANAMBAH URBAN RELEASE AREA ANAMBAH ROAD ANAMBAH - DA1 SOIL AND WATER MANAGEMENT PLAN (1 OF 7)		Project No 22311C
Drawing No C393	Revision 5	A1 SHEET



REVISION	Description	Drawn	App'd	Date
5	GENERAL AMENDMENTS	AM	IH	19.05.25
4	GENERAL AMENDMENTS	AM	IH	28.04.25
2	CLIENT COMMENTS	JE	IH	03.02.25
1	ORIGINAL ISSUE	JE	IH	23.01.25



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Project Approval IAN HILL (B.E) Consulting Civil Engineer	

Client
DB20 PTY LTD

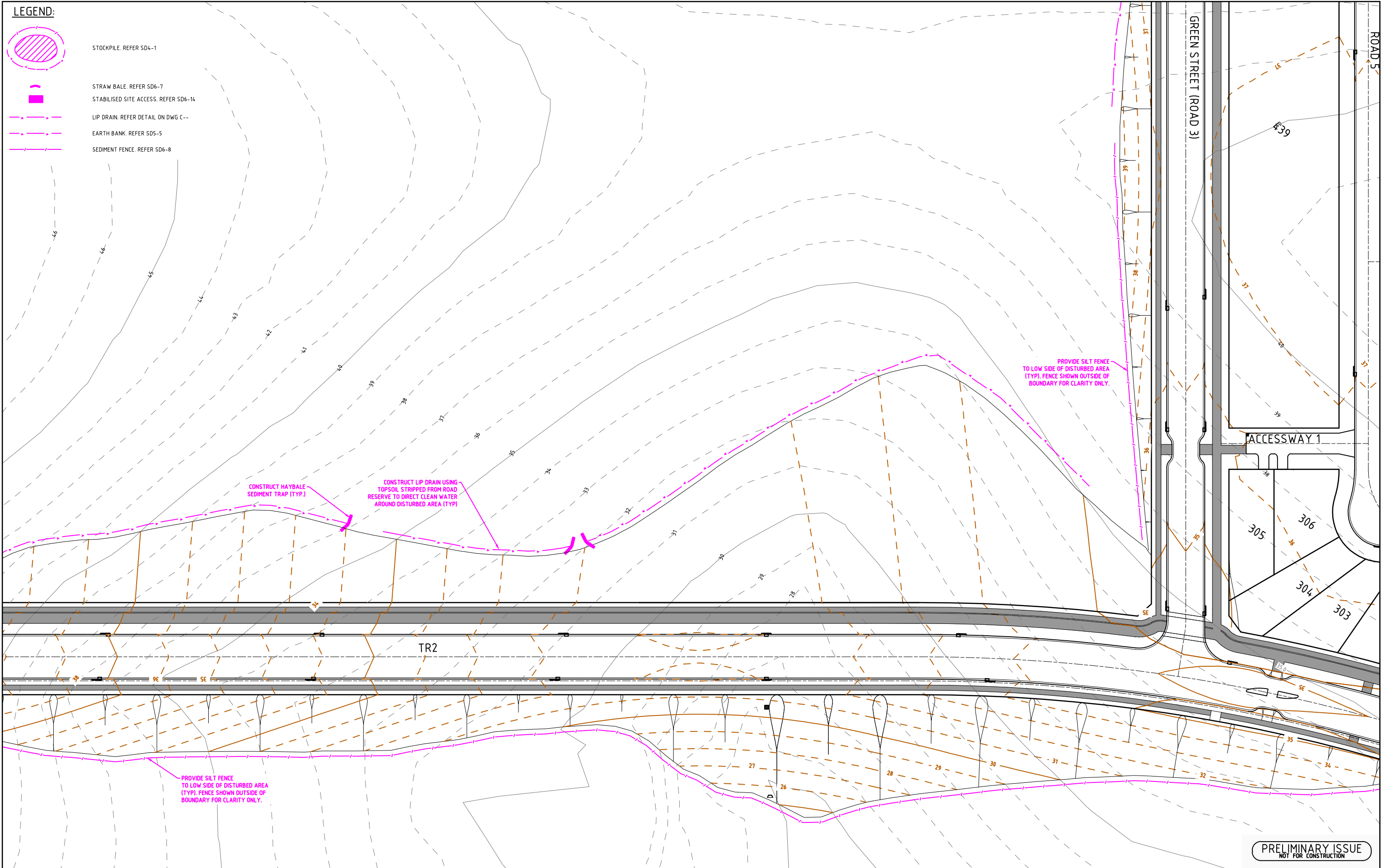





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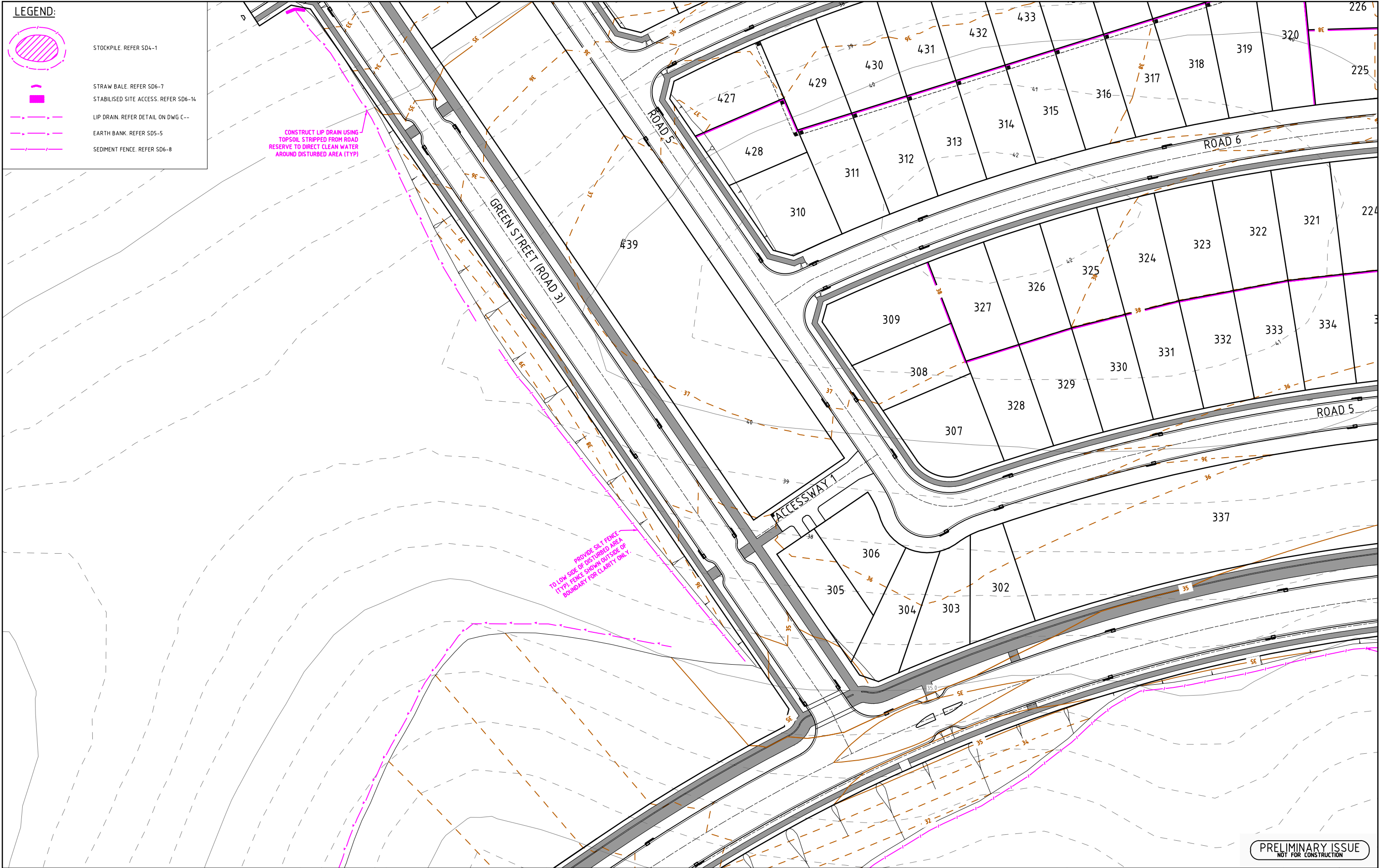
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ANAMBAH ROAD
ANAMBAH - DA1
SOIL AND WATER MANAGEMENT PLAN (2 OF 7)

Project No 22311C	
Drawing No C394	Revision 5
A1 SHEET	

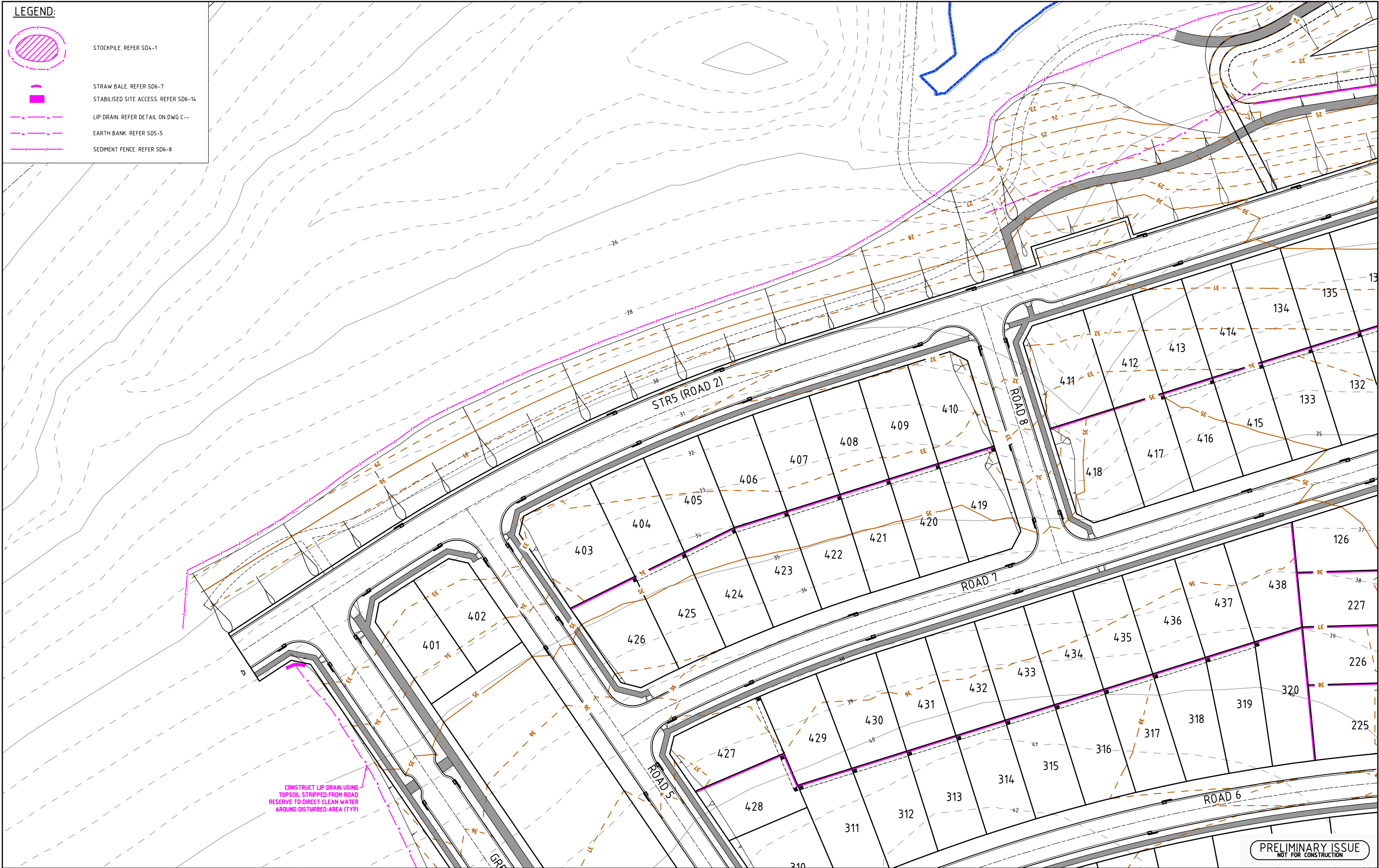


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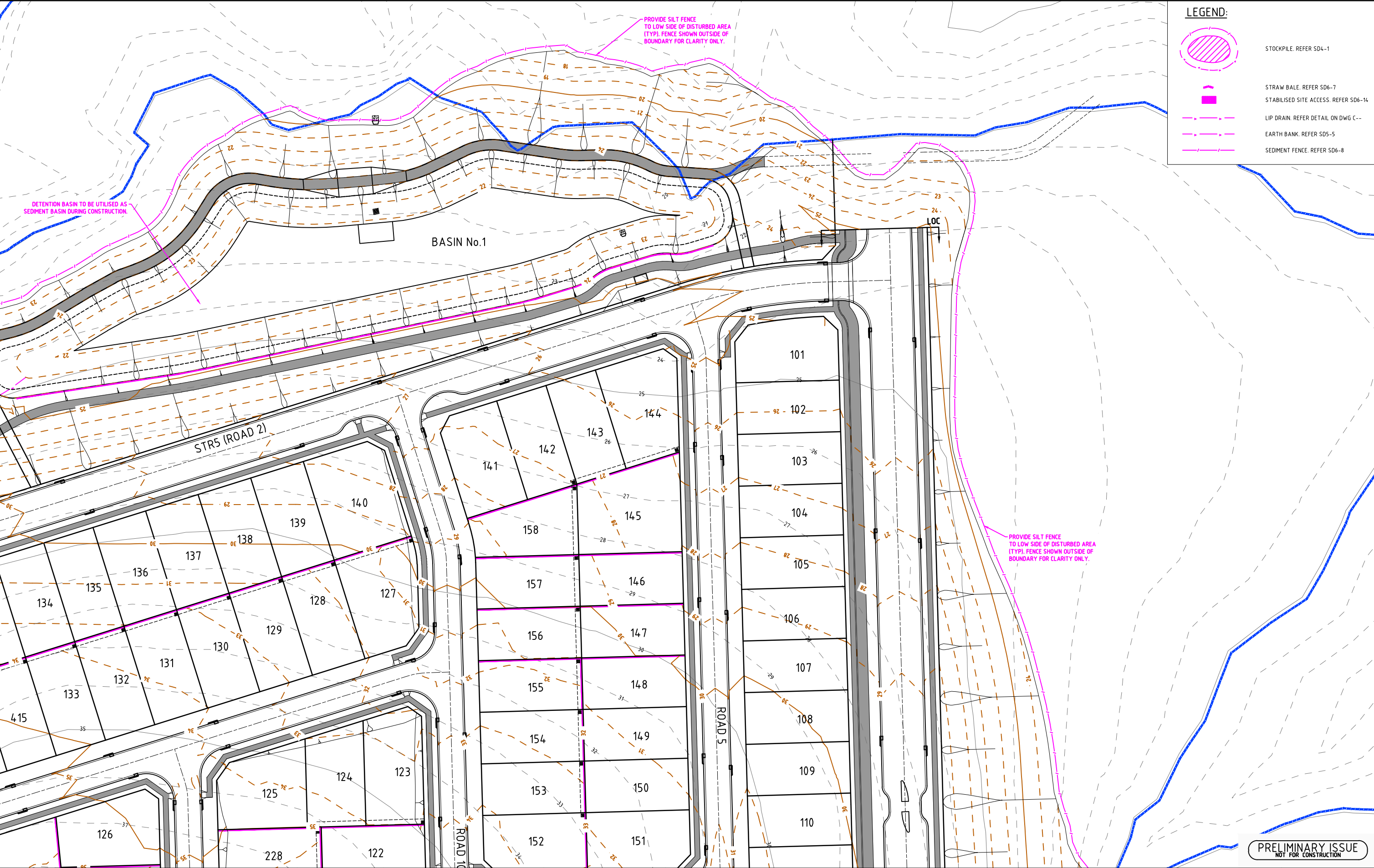
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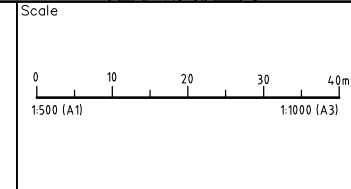
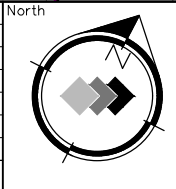
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REVISION	Description	Drawn	App'd	Date
5	GENERAL AMENDMENTS	AM	I.H	19.05.25
4	GENERAL AMENDMENTS	AM	I.H	28.04.25
2	CLIENT COMMENTS	JE	I.H	03.02.25
1	ORIGINAL ISSUE	JE	I.H	23.01.25



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Designed
AM
Cad Reference
22311C dC398 r5
Project Approval
IAN HILL (B.E)
Consulting Civil Engineer

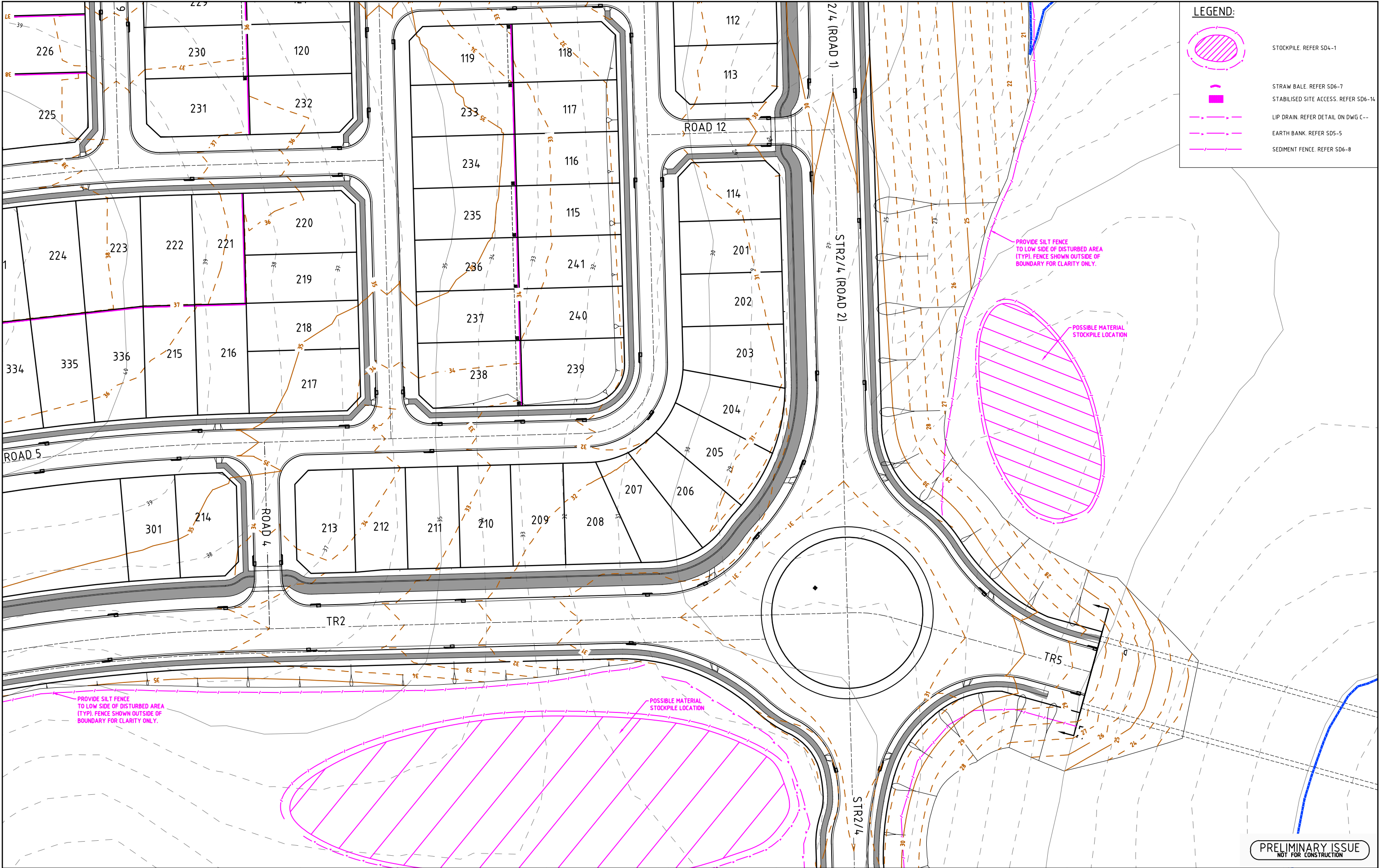
Client
DB20 PTY LTD

GCA
ENGINEERING SOLUTIONS

A.B.N. 92 086 017 745
1 HARTLEY DRIVE, THORNTON NSW 2322
PO BOX 3337, THORNTON NSW 2322
PHONE: (02) 4964 1811

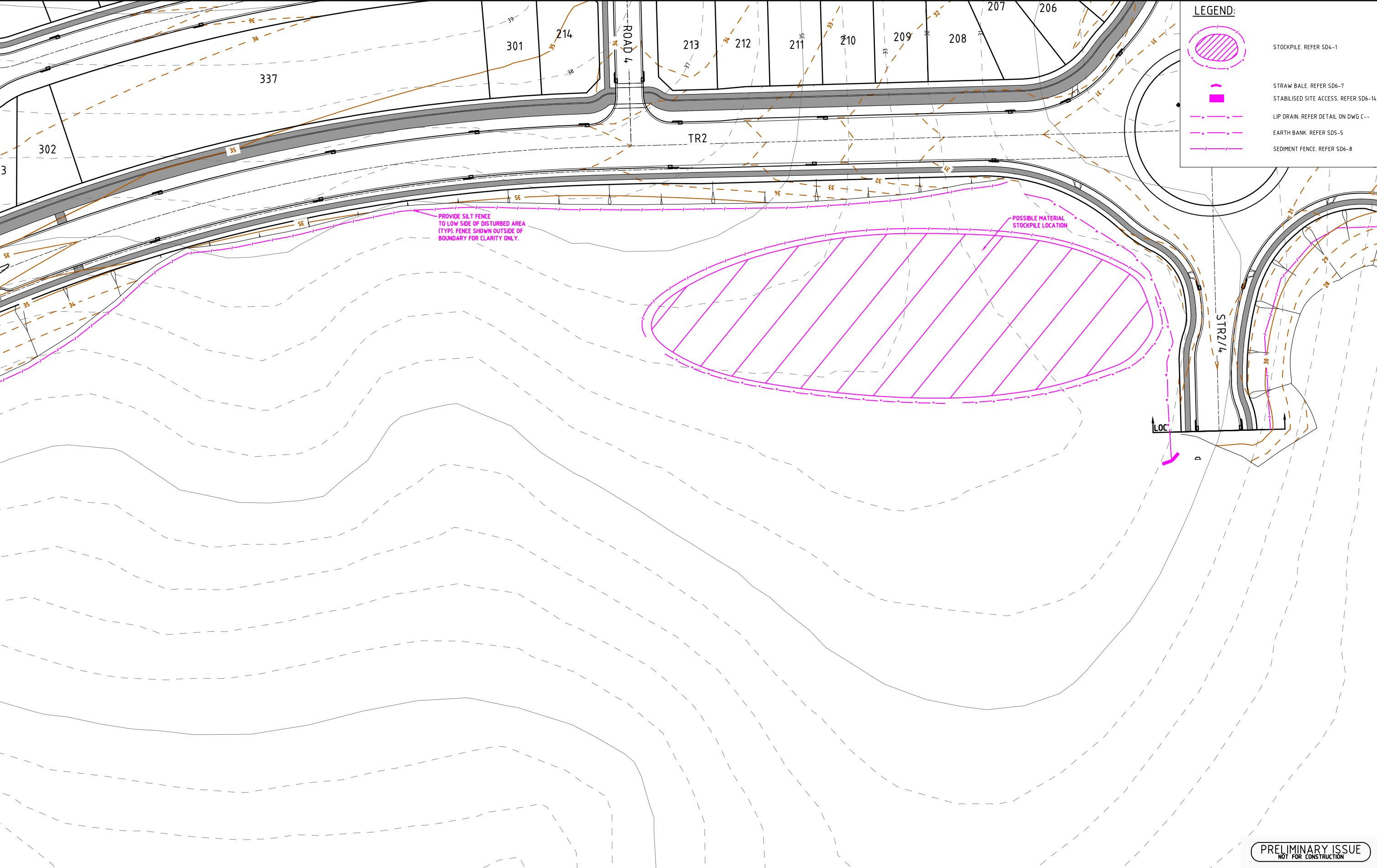
ANAMBAH URBAN RELEASE AREA
ANAMBAH ROAD
ANAMBAH - DA1
SOIL AND WATER MANAGEMENT PLAN (6 OF 7)

Project No	22311C	
Drawing No	C398	Revision 5
A1 SHEET		

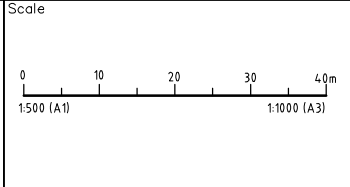
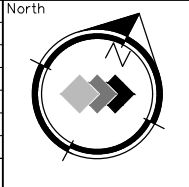


<div>REVISION</div> <table><tr><th>Description</th><th>Drawn</th><th>App'd</th><th>Date</th></tr><tr><td>5 GENERAL AMENDMENTS</td><td>AM</td><td>I.H.</td><td>19.05.25</td></tr><tr><td>4 GENERAL AMENDMENTS</td><td>AM</td><td>I.H.</td><td>28.04.25</td></tr><tr><td>2 CLIENT COMMENTS</td><td>JE</td><td>I.H.</td><td>03.02.25</td></tr><tr><td>1 ORIGINAL ISSUE</td><td>JE</td><td>I.H.</td><td>23.01.25</td></tr></table>				Description	Drawn	App'd	Date	5 GENERAL AMENDMENTS	AM	I.H.	19.05.25	4 GENERAL AMENDMENTS	AM	I.H.	28.04.25	2 CLIENT COMMENTS	JE	I.H.	03.02.25	1 ORIGINAL ISSUE	JE	I.H.	23.01.25	<div>North</div>		<div>Scale</div>		<div>COPYRIGHT</div> <p>Copyright in the drawings, information and data recorded hereon is the property of Geoff Craig & Associates Pty Ltd and may not be used, copied or reproduced in whole or part for any purpose other than that for which it is supplied without the prior consent of Geoff Craig & Associates Pty Ltd.</p>		<div>Designed</div> <p>AM</p> <div>Cad Reference</div> <p>22311C dC399 r5</p> <div>Project Approval</div> <p>IAN HILL (B.E) Consulting Civil Engineer</p>		<div>Scale</div> <p>1:1250</p> <div>Client</div> <p>DB20 PTY LTD</p>		<div></div> <p>A.B.N. 92 086 017 745 1 HARTLEY DRIVE, THORNTON NSW 2322 PO BOX 3337, THORNTON NSW 2322 PHONE: (02) 4964 1811</p>		<div>ANAMBAH URBAN RELEASE AREA</div> <div>ANAMBAH ROAD</div> <div>ANAMBAH - DA1</div> <div>SOIL AND WATER MANAGEMENT PLAN (7 OF 8)</div>		<div>Project No</div> <p>22311C</p>	
Description	Drawn	App'd	Date																																				
5 GENERAL AMENDMENTS	AM	I.H.	19.05.25																																				
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Drawing No



REVISION	Description	Drawn	App'd	Date
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1	ORIGINAL ISSUE	JE	I.H.	23.01.25



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Designed AM	Scale 1:1250
Cad Reference 22311C dC399 r5	
Project Approval IAN HILL (B.E) Consulting Civil Engineer	

Client

DB20 PTY LTD

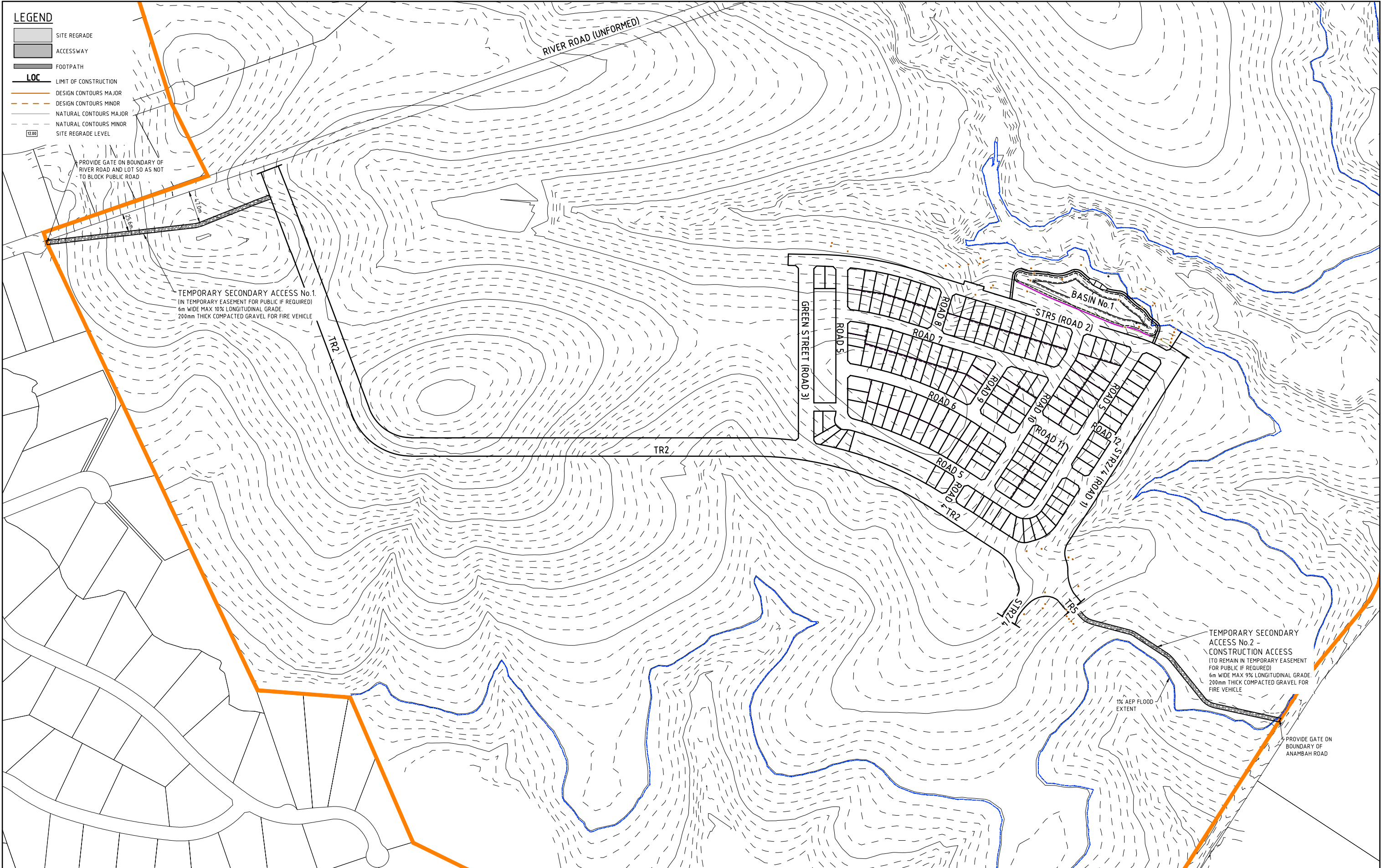
GCA
ENGINEERING SOLUTIONS

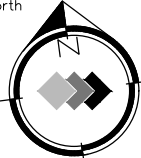
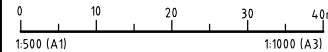

A.B.N. 92 086 017 745
1 HARTLEY DRIVE, THORNTON NSW 2322
PO BOX 3337, THORNTON NSW 2322
PHONE: (02) 4964 1811

ANAMBAH URBAN RELEASE AREA
ANAMBAH ROAD
ANAMBAH - DA1

SOIL AND WATER MANAGEMENT PLAN (8 OF 8)

Project No	22311C
Drawing No	C399A
Revision	5
A1 SHEET	



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5	GENERAL AMENDMENTS	AM	I.H.	19.05.25				Cad Reference 22311C dC400 r5					Drawing No C400	Revision 5					
4	ORIGINAL ISSUE	AM	I.H.	30.04.25															
REVISION	Description	Drawn	App'd	Date															

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