

PROPOSED HAUL ROAD WORKS

SPRINGVALE ROAD, ELDERSLIE

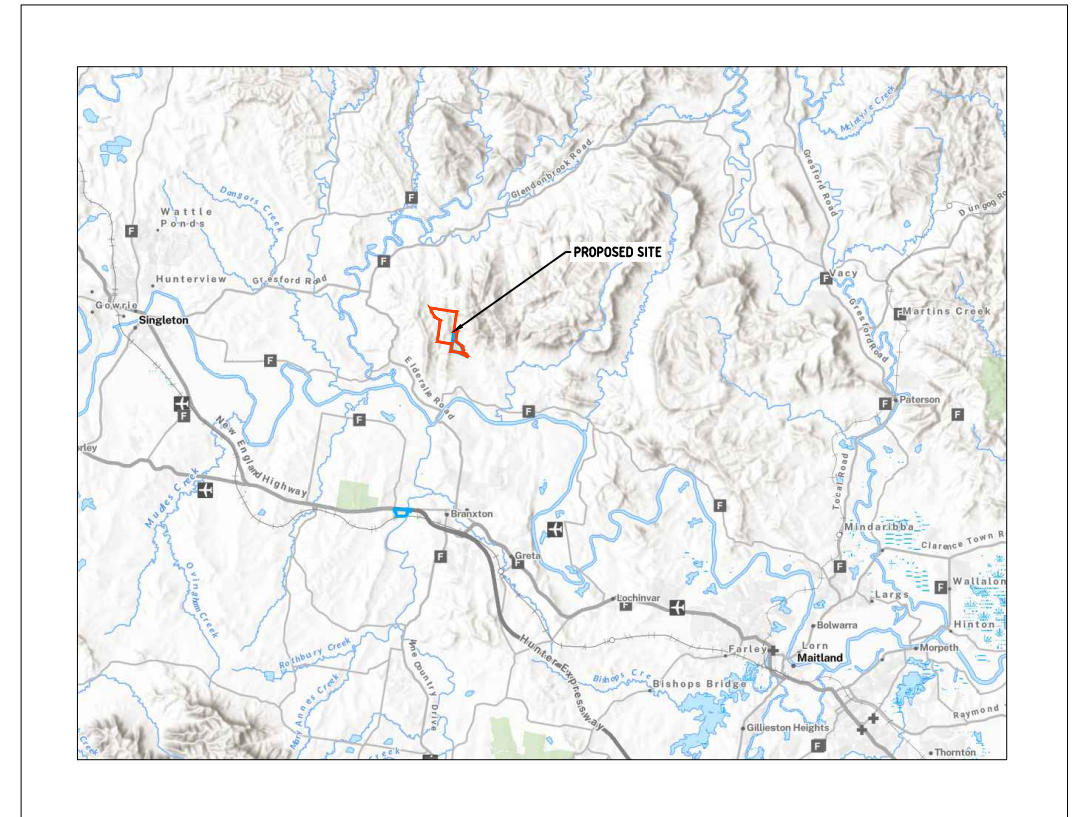
BLUESTONE HARDROCK QUARRY

CONSENT AUTHORITY: NSW DEPARTMENT OF PLANNING

DATE: JULY 2025

DRAWING SCHEDULE

DWG NO.	SHEET TITLE	REV	DWG NO.	SHEET TITLE	REV
C00	COVER SHEET	7	C40	HAUL ROAD 2 CROSS SECTIONS SHEET 19 OF 21	7
C01	GENERAL ARRANGEMENT SHEET	7	C41	HAUL ROAD 2 CROSS SECTIONS SHEET 20 OF 21	7
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C04	PLAN SHEET 3 OF 10	6	C44	PROCESSING ACCESS ROAD CROSS SECTIONS SHEET 1 OF 3	7
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C27	HAUL ROAD 2 CROSS SECTIONS SHEET 6 OF 21	7			
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C30	HAUL ROAD 2 CROSS SECTIONS SHEET 9 OF 21	7			
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LOCALITY PLAN
SCALE 1:200000

PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

REVISION	Description	Drawn	App'd	Date
7	CLIENT COMMENTS	AM	I.H.	21.07.25
6	CLIENT COMMENTS	AM	I.H.	07.07.25
4	CLIENT COMMENTS	AM	I.H.	30.06.25
3	GENERAL AMENDMENTS	AM	I.H.	26.06.25
2	GENERAL AMENDMENTS	AM	I.H.	12.06.25
1	ORIGINAL ISSUE	DB	I.H.	04.06.25

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

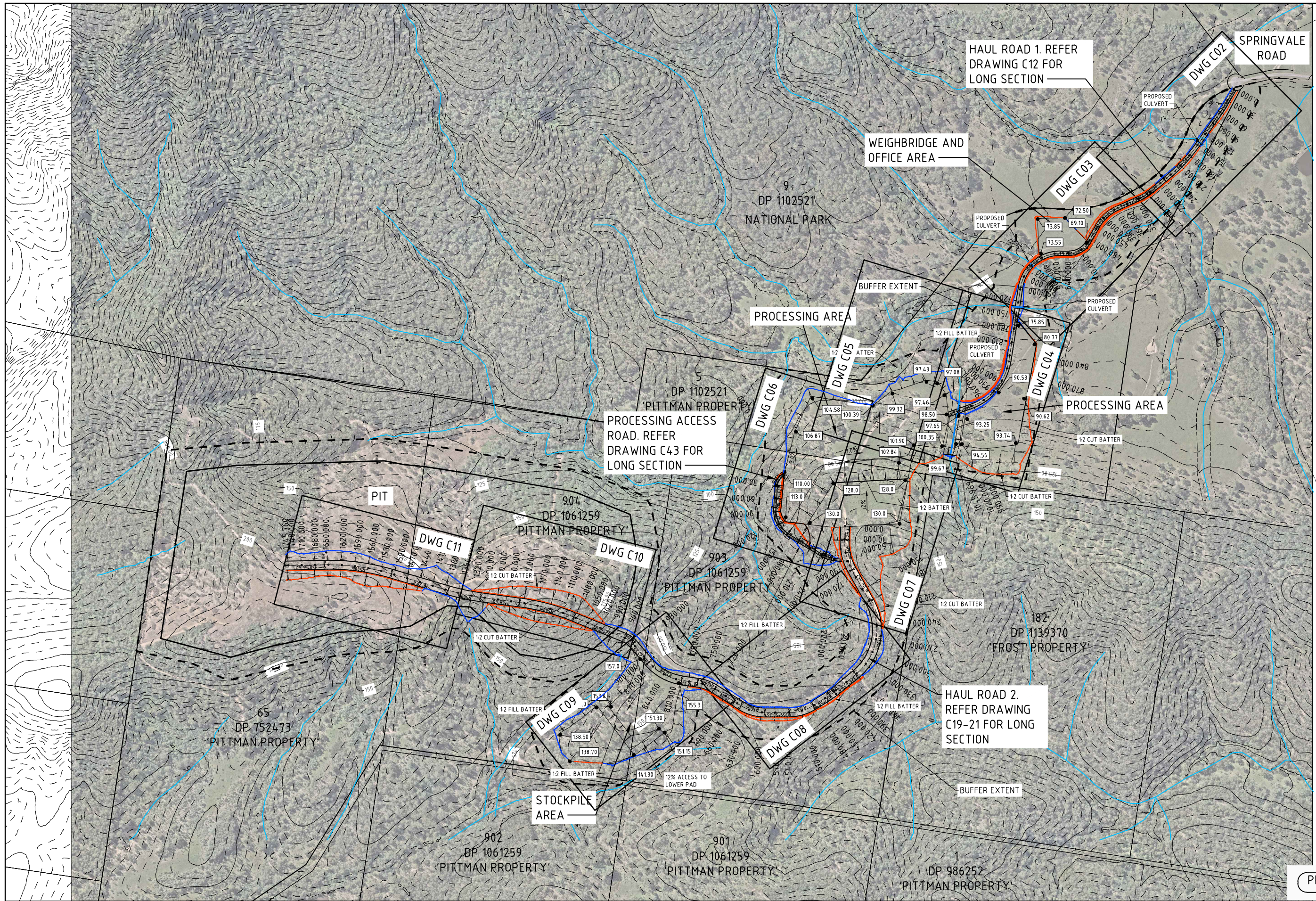
Client

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

**PROPOSED HAUL ROAD WORKS
BLUESTONE HARDROCK QUARRY
SPRINGVALE ROAD, ELDERSLIE**

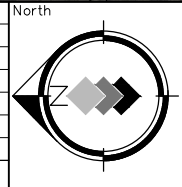
COVER SHEET

Project No 25090C	
Drawing No C00	Revision 7
A1 SHEET	



PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

REVISION	Description	Drawn	App'd	Date
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6	CLIENT COMMENTS	AM	IH	07.07.25
4	CLIENT COMMENTS	AM	IH	30.06.25
3	GENERAL AMENDMENTS	AM	IH	26.06.25
2	GENERAL AMENDMENTS	AM	IH	12.06.25
1	ORIGINAL ISSUE	DB	IH	04.06.25



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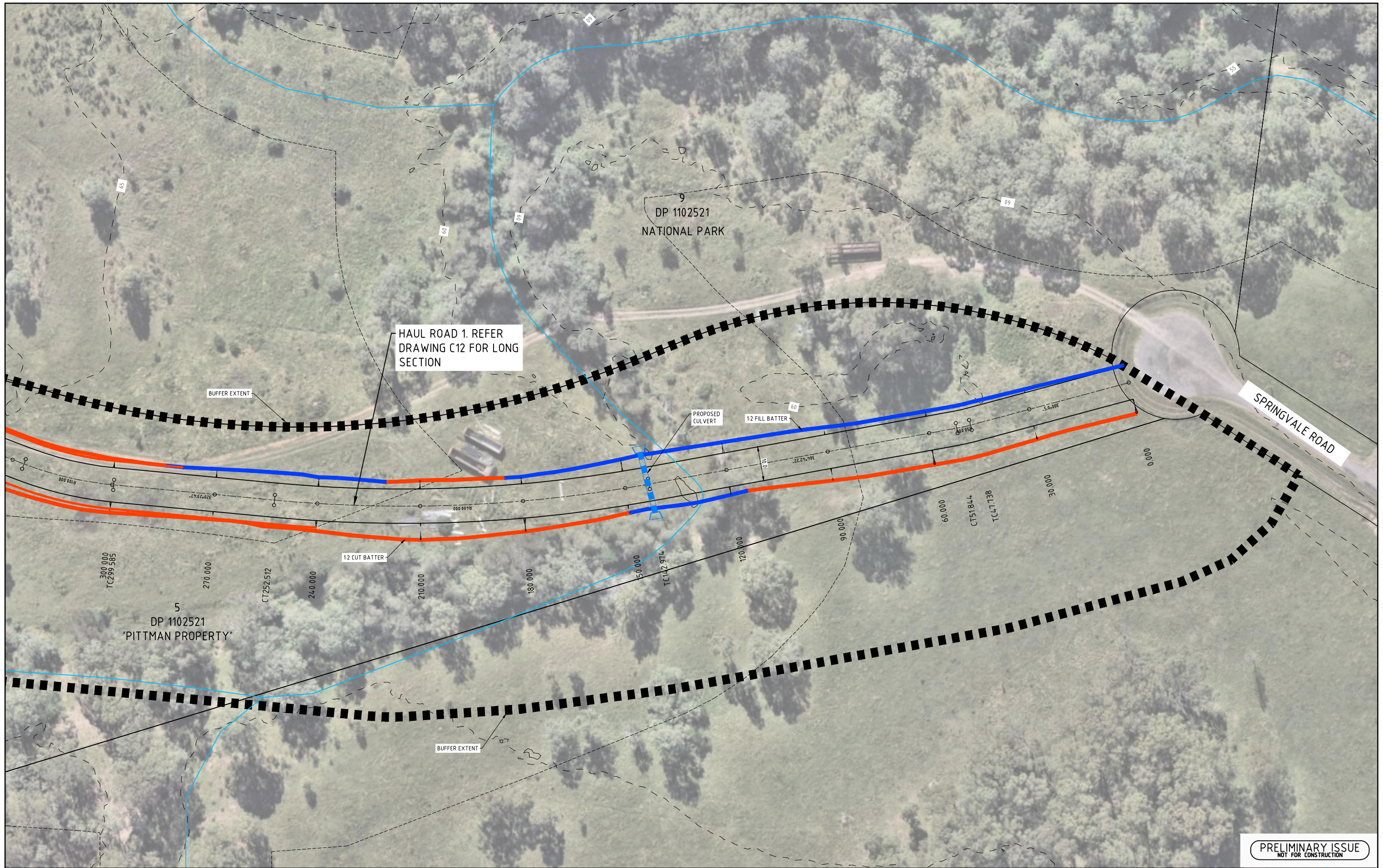
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Project Approval: IAN HILL (B.E)
Consulting Civil Engineer

Client:



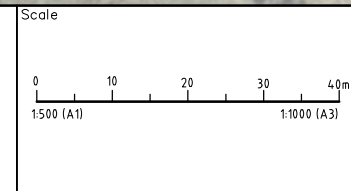
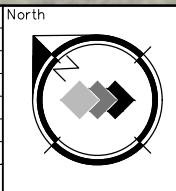
**PROPOSED HAUL ROAD WORKS
BLUESTONE HARDROCK QUARRY
SPRINGVALE ROAD, ELDERSLIE**
GENERAL ARRANGEMENT SHEET

Project No		25090C	
Drawing No	Revision	C01	7
A1 SHEET			



PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

REVISION	Description	Drawn	App'd	Date
6	CLIENT COMMENTS	A.M	I.H	08.07.25
5	ORIGINAL ISSUE	AM	IH	04.06.25



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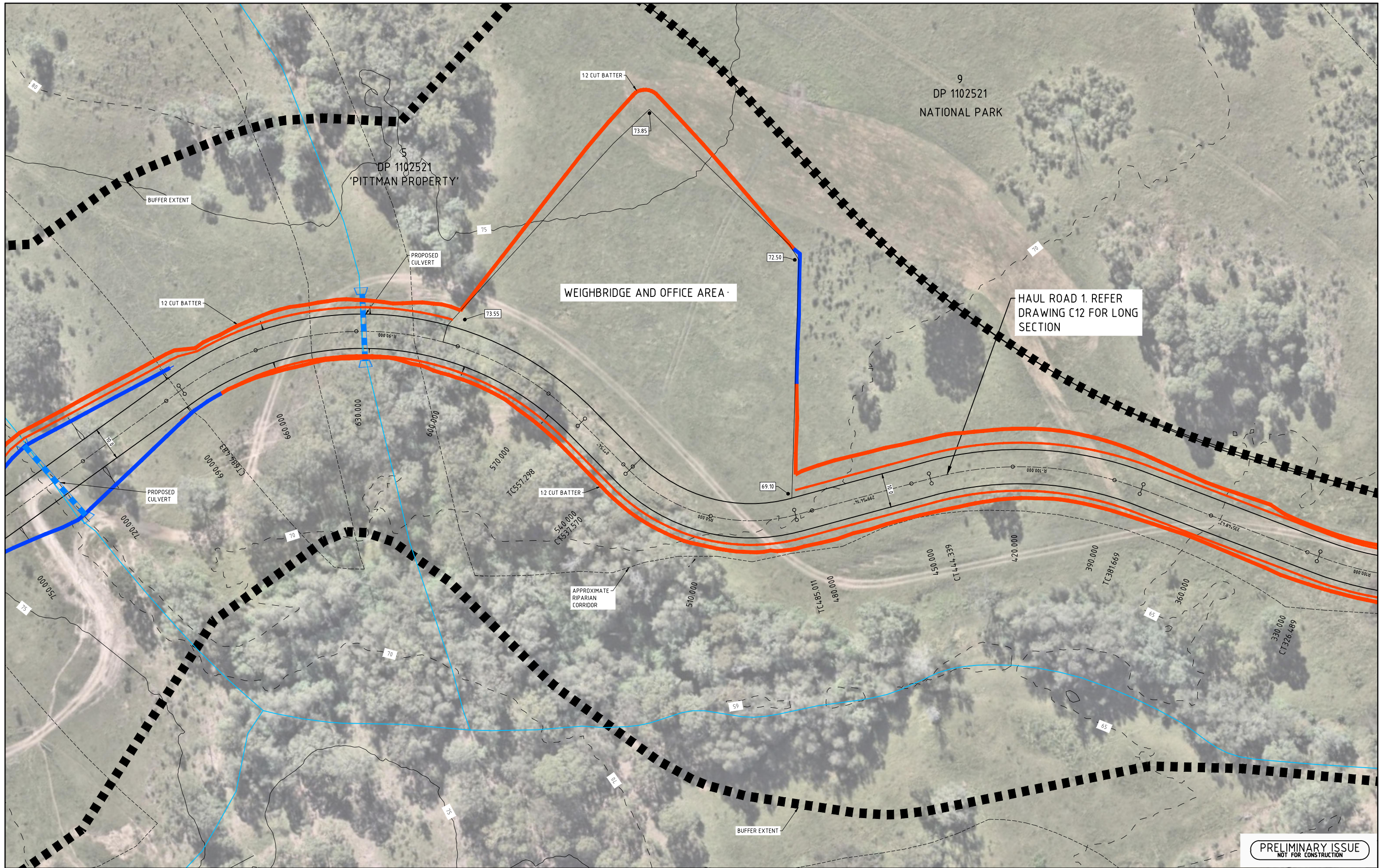
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Cad Reference 25090C C02 r6
Project Approval IAN HILL (B.E)
Consulting Civil Engineer

Client



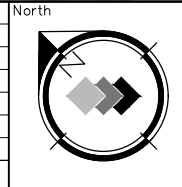
PROPOSED HAUL ROAD WORKS
BLUESTONE HARDROCK QUARRY
SPRINGVALE ROAD, ELDERSLIE
PLAN SHEET 1 OF 10

Project No 25090C	
Drawing No C02	Revision 6
A1 SHEET	



PRELIMINARY ISSUE
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REVISION	Description	Drawn	App'd	Date
6	CLIENT COMMENTS	A.M	I.H	08.07.25
5	ORIGINAL ISSUE	AM	IH	04.06.25



Scale
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1500 (A1) 1:1000 (A3)

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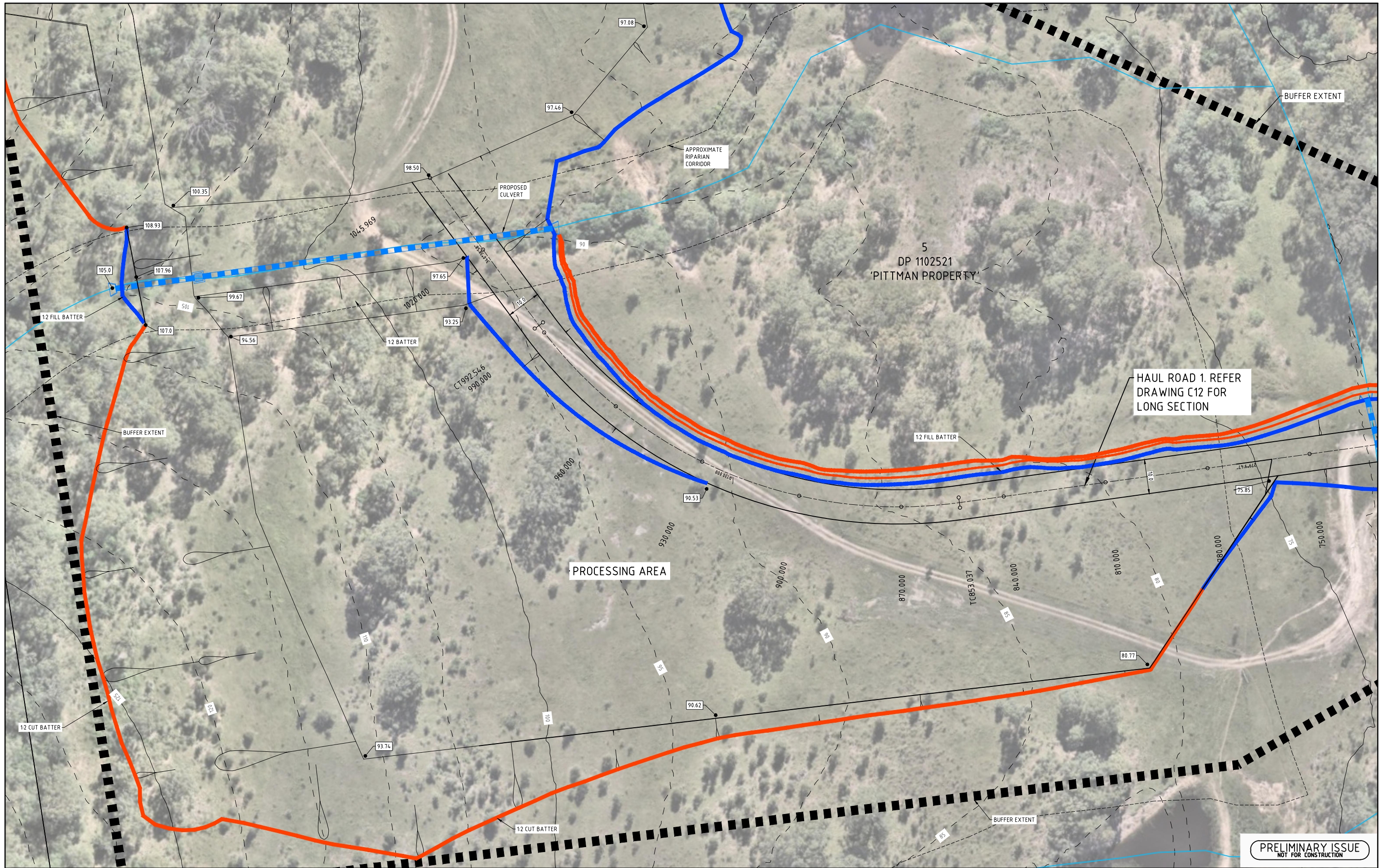
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Project Approval IAN HILL (B.E)
Consulting Civil Engineer

Client



PROPOSED HAUL ROAD WORKS
BLUESTONE HARDROCK QUARRY
SPRINGVALE ROAD, ELDERSLIE
PLAN SHEET 2 OF 10

Project No 25090C	
Drawing No C03	Revision 6
A1 SHEET	

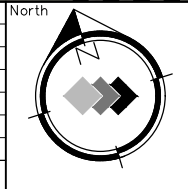


HAUL ROAD 1. REFER DRAWING C12 FOR LONG SECTION

PROCESSING AREA

PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

REVISION	Description	Drawn	App'd	Date
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5	ORIGINAL ISSUE	AM	IH	04.06.25



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1500 (A1) 1:1000 (A3)

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AM
Scale
1:500
Cad Reference
25090C C04 r6
Project Approval
IAN HILL (B.E)
Consulting Civil Engineer

Client

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

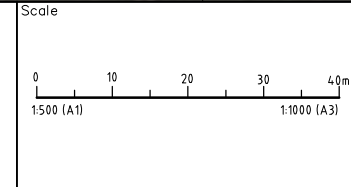
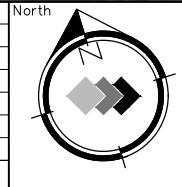
**PROPOSED HAUL ROAD WORKS
BLUESTONE HARDROCK QUARRY
SPRINGVALE ROAD, ELDERSLIE**
PLAN SHEET 3 OF 10

Project No 25090C	
Drawing No C04	Revision 6
A1 SHEET	



PRELIMINARY ISSUE
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REVISION	Description	Drawn	App'd	Date
6	CLIENT COMMENTS	A.M	I.H	08.07.25
5	ORIGINAL ISSUE	AM	IH	04.06.25



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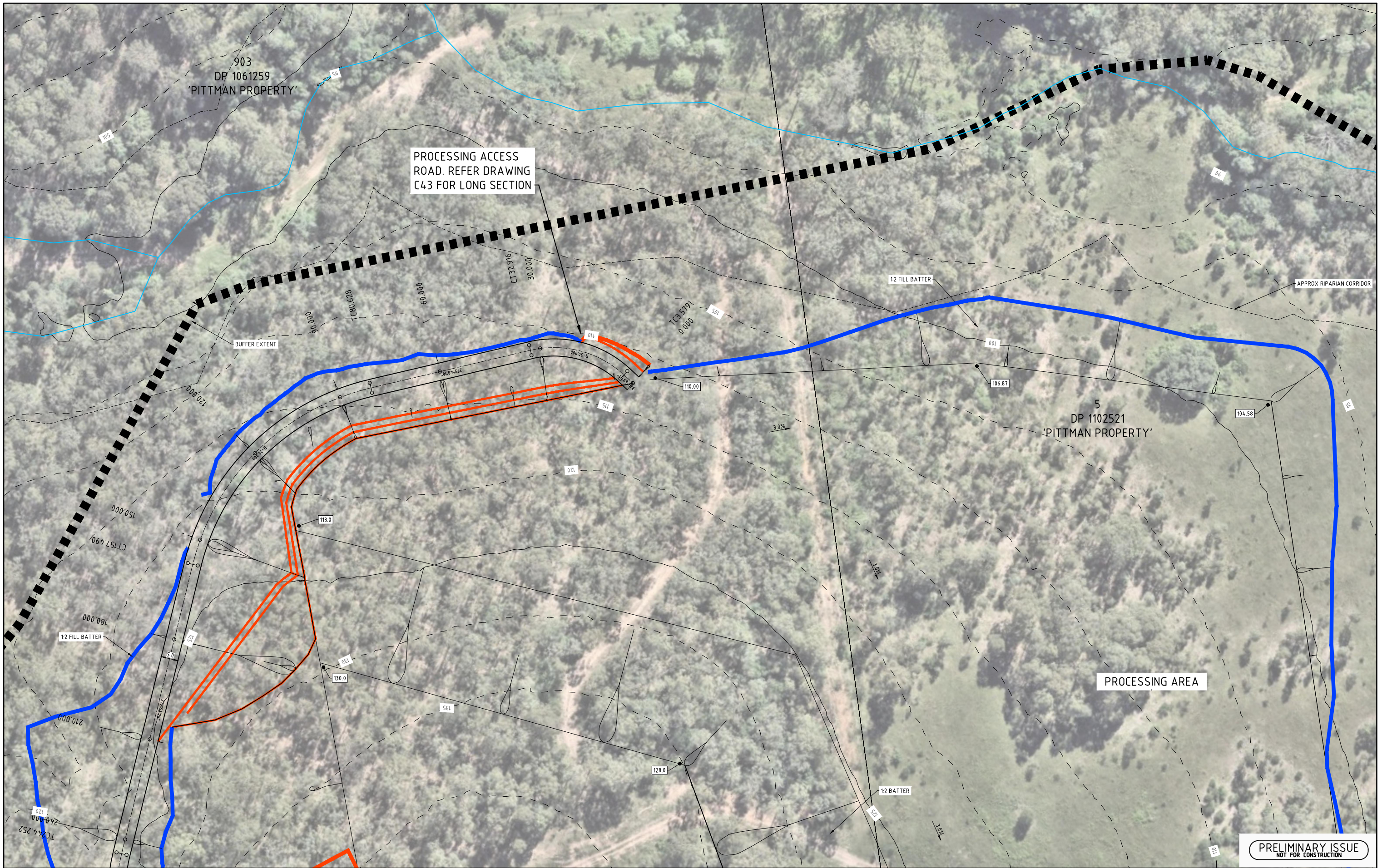
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Cad Reference
25090C C05 r6
Project Approval
IAN HILL (B.E)
Consulting Civil Engineer

Client



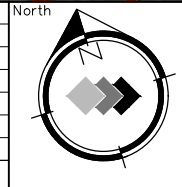
PROPOSED HAUL ROAD WORKS
BLUESTONE HARDROCK QUARRY
SPRINGVALE ROAD, ELDERSLIE
PLAN SHEET 4 OF 10

Project No 25090C	
Drawing No C05	Revision 6
A1 SHEET	



PRELIMINARY ISSUE
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REVISION	Description	Drawn	App'd	Date
6	CLIENT COMMENTS	AM	IH	08.07.25
5	ORIGINAL ISSUE	AM	IH	04.06.25



Scale
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1500 (A1) 1:1000 (A3)

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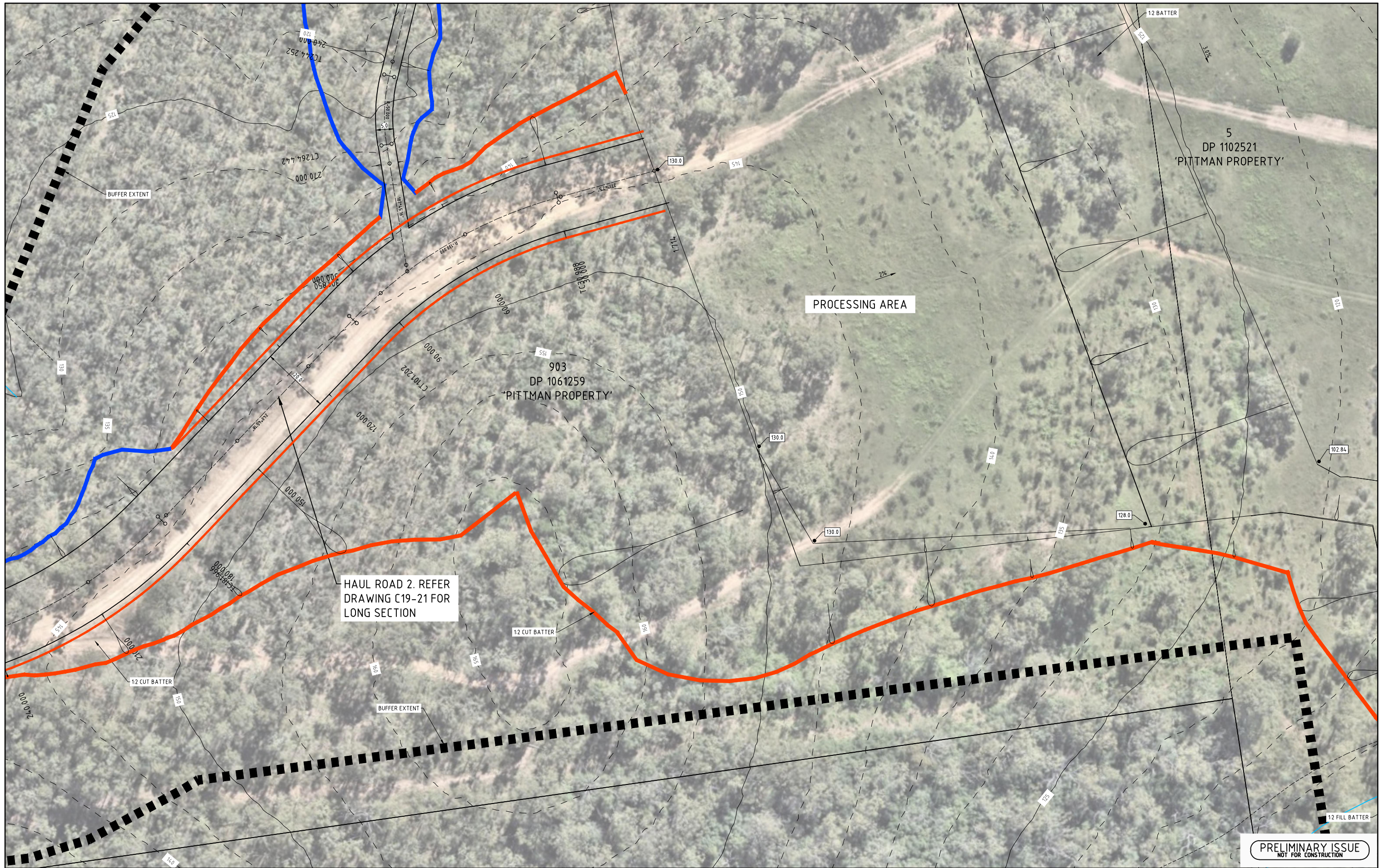
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25090C C06 r6
Project Approval
IAN HILL (B.E)
Consulting Civil Engineer

Client



PROPOSED HAUL ROAD WORKS
BLUESTONE HARDROCK QUARRY
SPRINGVALE ROAD, ELDERSLIE
PLAN SHEET 5 OF 10

Project No		25090C
Drawing No	Revision	
C06	6	
A1 SHEET		



HAUL ROAD 2. REFER
DRAWING C19-21 FOR
LONG SECTION

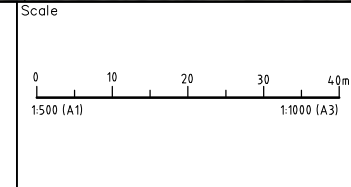
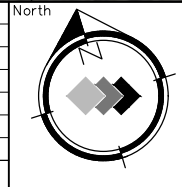
PROCESSING AREA

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'PITTMAN PROPERTY'

903
DP 1061259
'PITTMAN PROPERTY'

PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

REVISION	Description	Drawn	App'd	Date
7	CLIENT COMMENTS	A.M	I.H	21.07.25
5	ORIGINAL ISSUE	AM	IH	04.06.25



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Scale
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Cad Reference
25090C C07 r7
Project Approval
IAN HILL (B.E)
Consulting Civil Engineer

Client



**PROPOSED HAUL ROAD WORKS
BLUESTONE HARDROCK QUARRY
SPRINGVALE ROAD, ELDERSLIE**
PLAN SHEET 6 OF 10

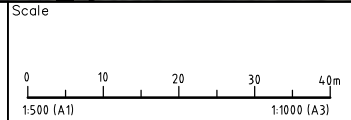
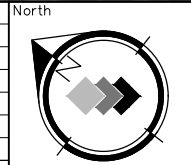
Project No 25090C	
Drawing No C07	Revision 7
A1 SHEET	



HAUL ROAD 2. REFER
DRAWING C19-21 FOR
LONG SECTION

PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

REVISION	Description	Drawn	App'd	Date
7	CLIENT COMMENTS	A.M	I.H	21.07.25
5	ORIGINAL ISSUE	AM	IH	04.06.25



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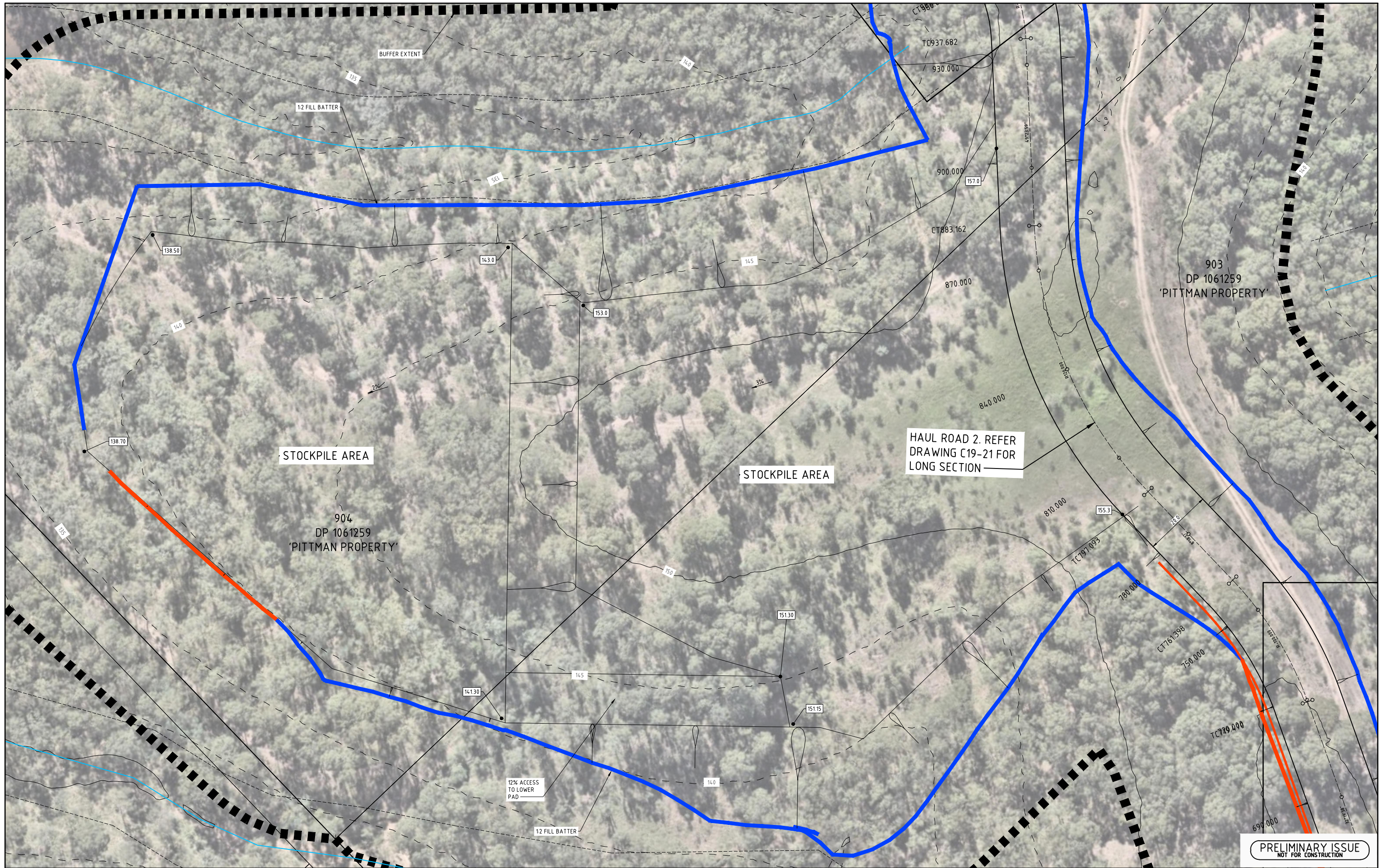
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25090C C08 r7
Project Approval
IAN HILL (B.E)
Consulting Civil Engineer

Client



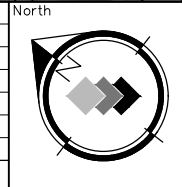
**PROPOSED HAUL ROAD WORKS
BLUESTONE HARDROCK QUARRY
SPRINGVALE ROAD, ELDERSLIE**
PLAN SHEET 7 OF 10

Project No 25090C	
Drawing No C08	Revision 7
A1 SHEET	



PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

REVISION	Description	Drawn	App'd	Date
7	CLIENT COMMENTS	AM	IH	21.07.25
6	CLIENT COMMENTS	AM	IH	08.07.25
5	ORIGINAL ISSUE	AM	IH	04.06.25



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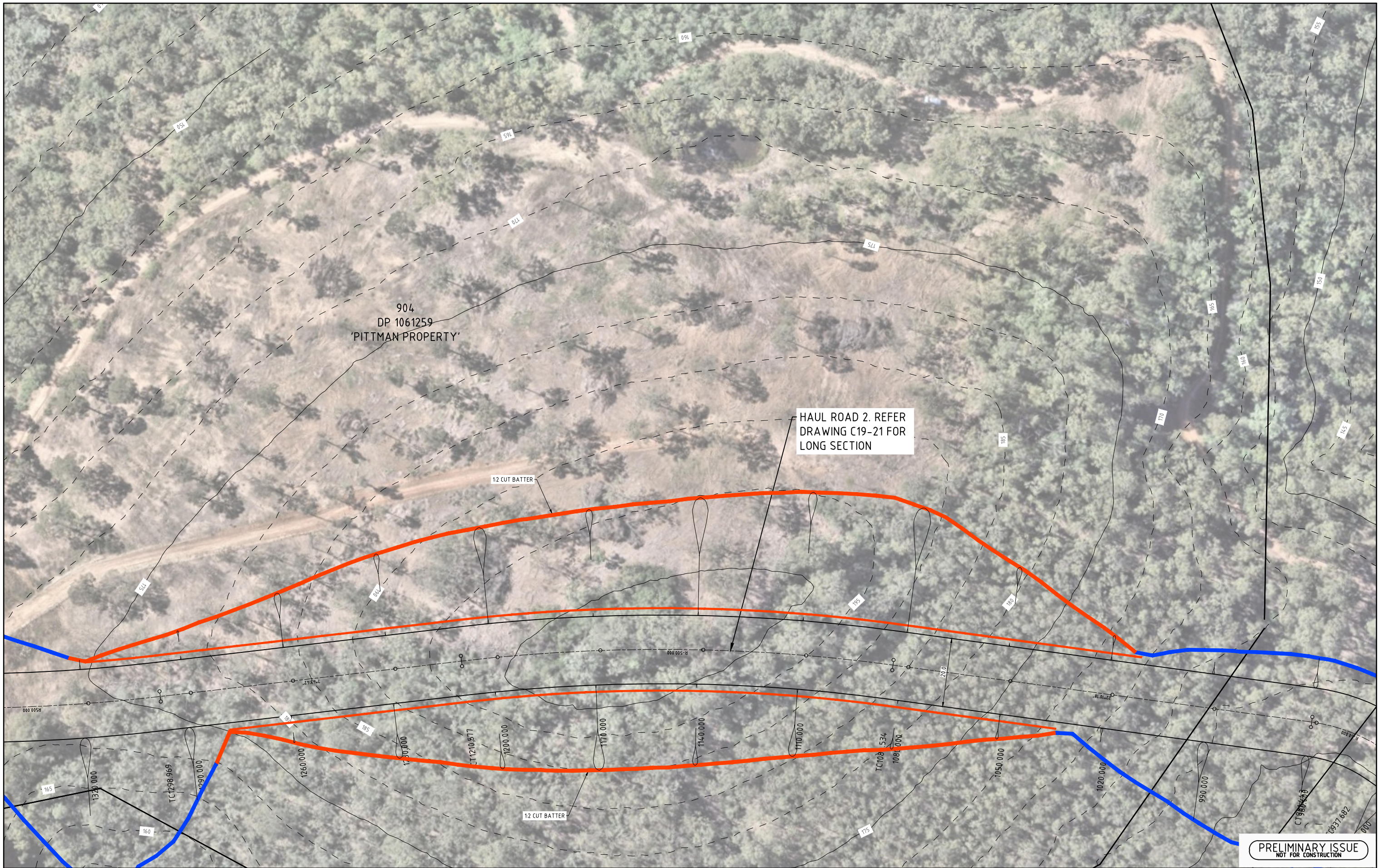
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Cad Reference 25090C C09 r7
Project Approval IAN HILL (B.E)
Consulting Civil Engineer

Client

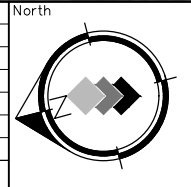


PROPOSED HAUL ROAD WORKS
BLUESTONE HARDROCK QUARRY
SPRINGVALE ROAD, ELDERSLIE
PLAN SHEET 8 OF 10

Project No		25090C
Drawing No	Revision	
C09	7	
A1 SHEET		



REVISION	Description	Drawn	App'd	Date
7	CLIENT COMMENTS	A.M	I.H	21.07.25
5	ORIGINAL ISSUE	AM	IH	04.06.25



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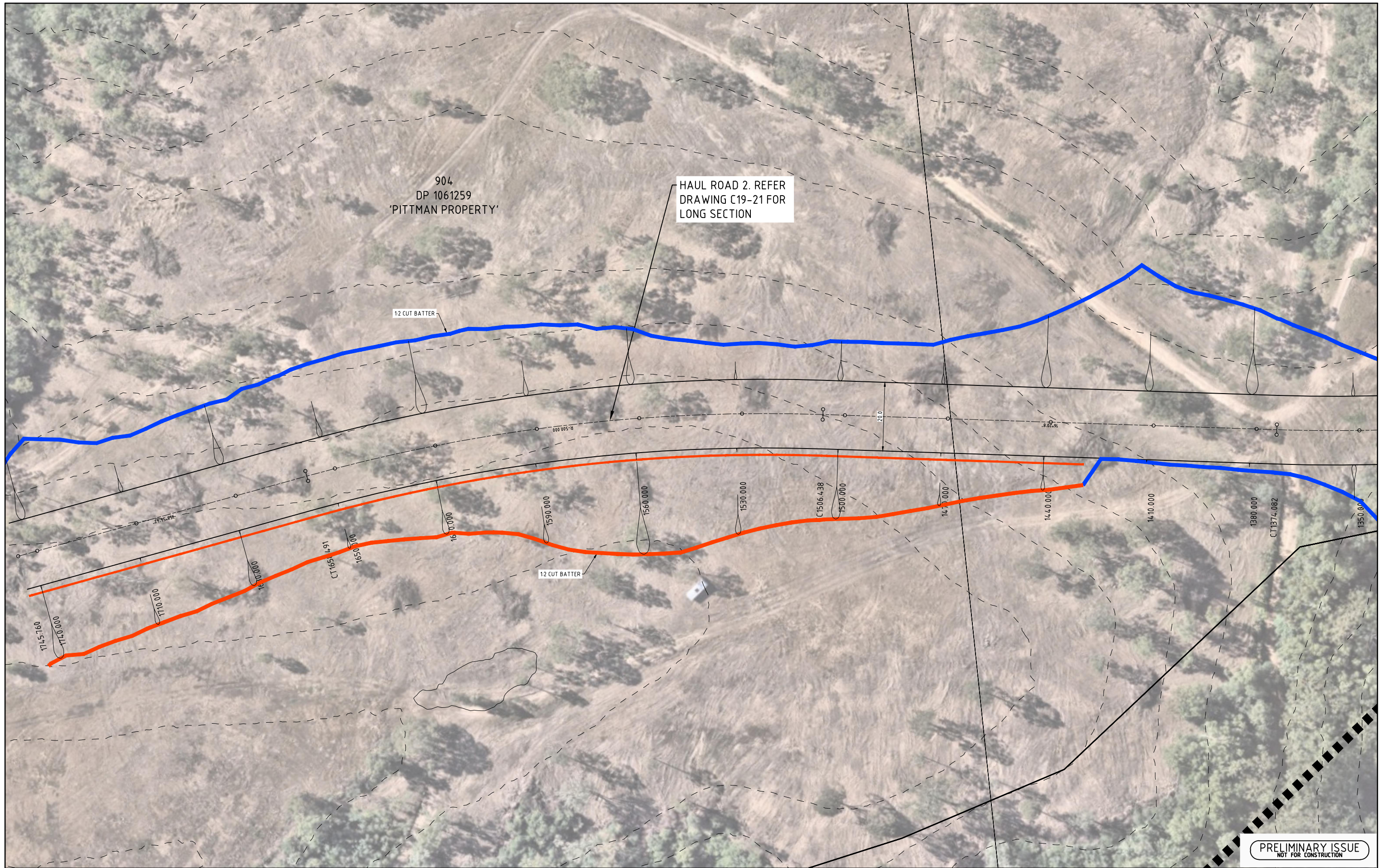
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Project Approval IAN HILL (B.E) Consulting Civil Engineer	

Client



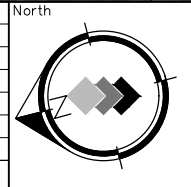
**PROPOSED HAUL ROAD WORKS
 BLUESTONE HARDROCK QUARRY
 SPRINGVALE ROAD, ELDERSLIE**
 PLAN SHEET 9 OF 10

Project No 25090C	
Drawing No C10	Revision 7
A1 SHEET	



PRELIMINARY ISSUE
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REVISION	Description	Drawn	App'd	Date
7	CLIENT COMMENTS	A.M	I.H	21.07.25
5	ORIGINAL ISSUE	AM	IH	04.06.25



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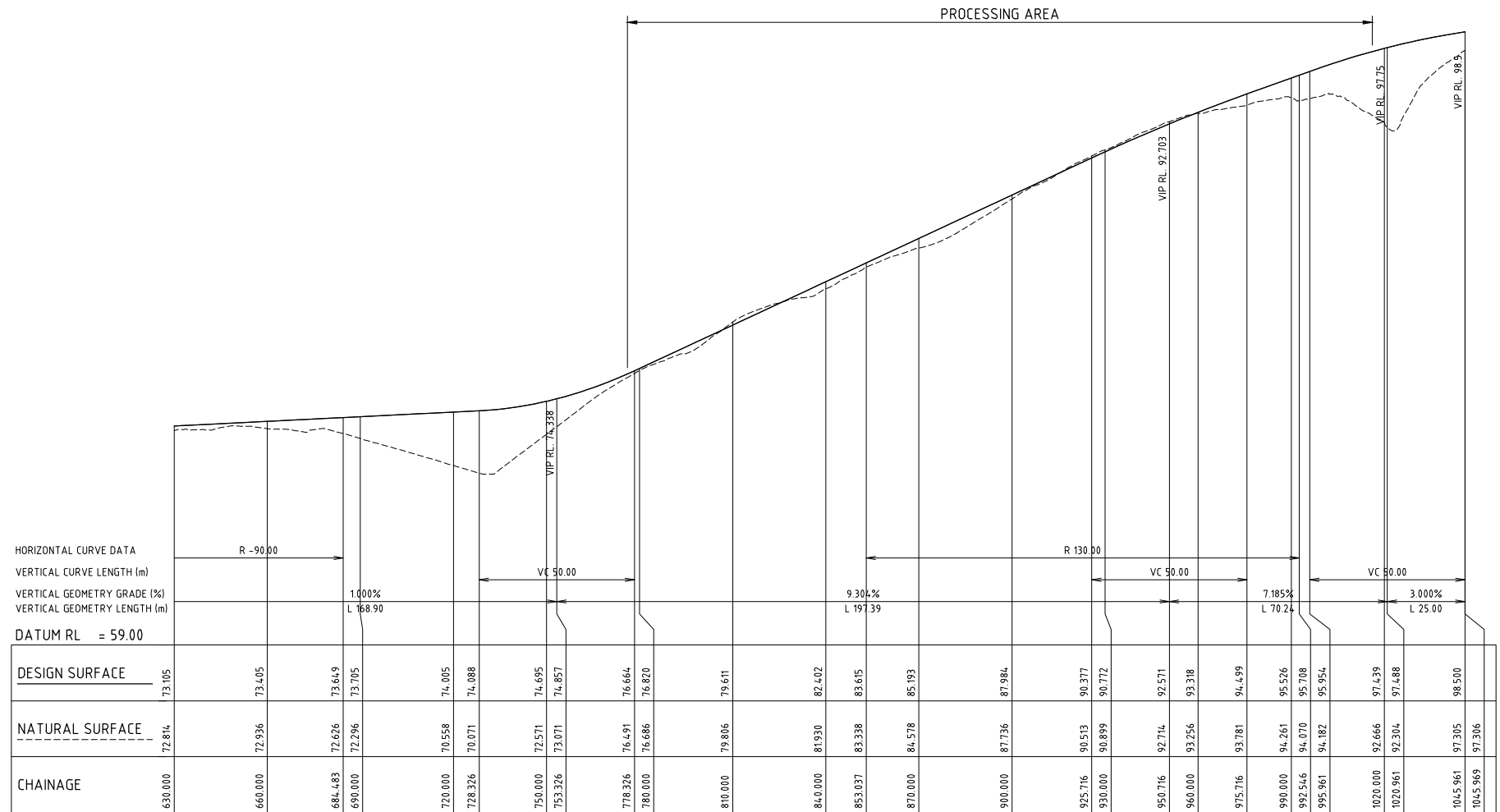
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Consulting Civil Engineer

Client:

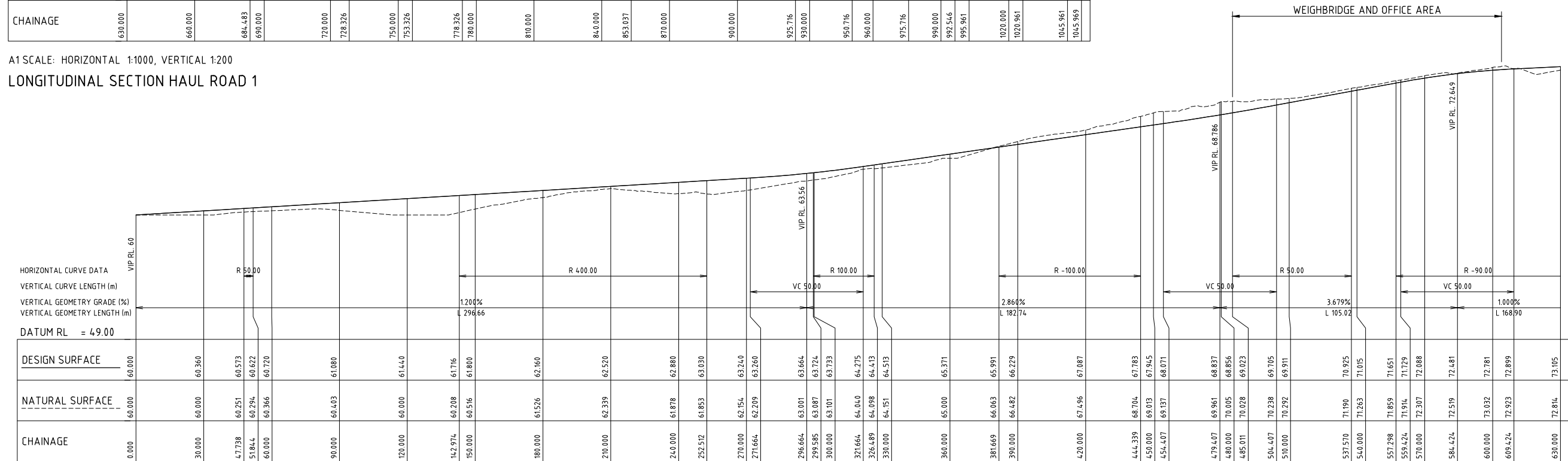


PROPOSED HAUL ROAD WORKS
BLUESTONE HARDROCK QUARRY
SPRINGVALE ROAD, ELDERSLIE
PLAN SHEET 10 OF 10

Project No		25090C
Drawing No	Revision	
C11	7	
A1 SHEET		



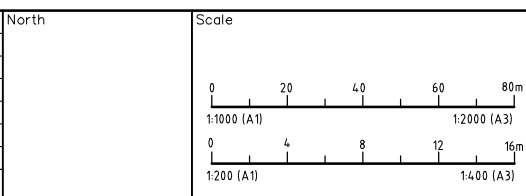
A1 SCALE: HORIZONTAL 1:1000, VERTICAL 1:200
LONGITUDINAL SECTION HAUL ROAD 1



A1 SCALE: HORIZONTAL 1:1000, VERTICAL 1:200
LONGITUDINAL SECTION HAUL ROAD 1

PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

REVISION	Description	Drawn	App'd	Date
6	CLIENT COMMENTS	A.M.	I.H.	08.07.25
5	DRAWING NUMBER CHANGE	A.M.	I.H.	03.07.25
4	CLIENT COMMENTS	A.M.	I.H.	30.06.25
3	GENERAL AMENDMENTS	A.M.	I.H.	26.06.25
2	GENERAL AMENDMENTS	A.M.	I.H.	12.06.25
1	ORIGINAL ISSUE	DB	I.H.	04.06.25



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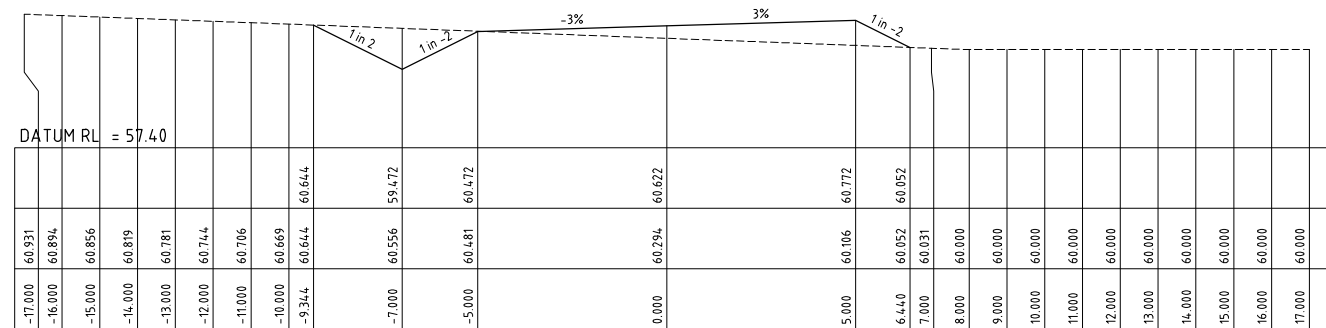
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Project Approval: IAN HILL (B.E.)
Consulting Civil Engineer

GCA
ENGINEERING SOLUTIONS

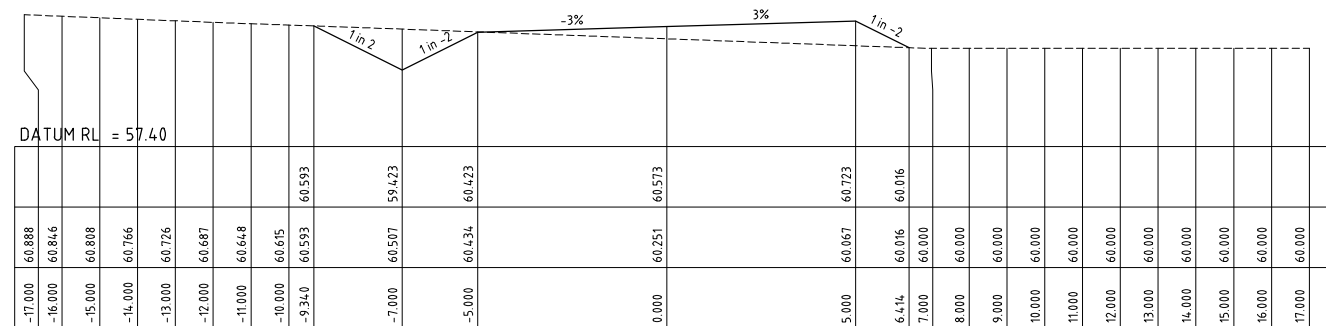
A.B.N. 92 086 017 745
1 HARTLEY DRIVE, THORNTON NSW 2322
PO BOX 3337, THORNTON NSW 2322
PHONE: (02) 4964 1811

PROPOSED HAUL ROAD WORKS
BLUESTONE HARDROCK QUARRY
SPRINGVALE ROAD, ELDERSLIE
HAUL ROAD 1 LONGITUDINAL SECTION

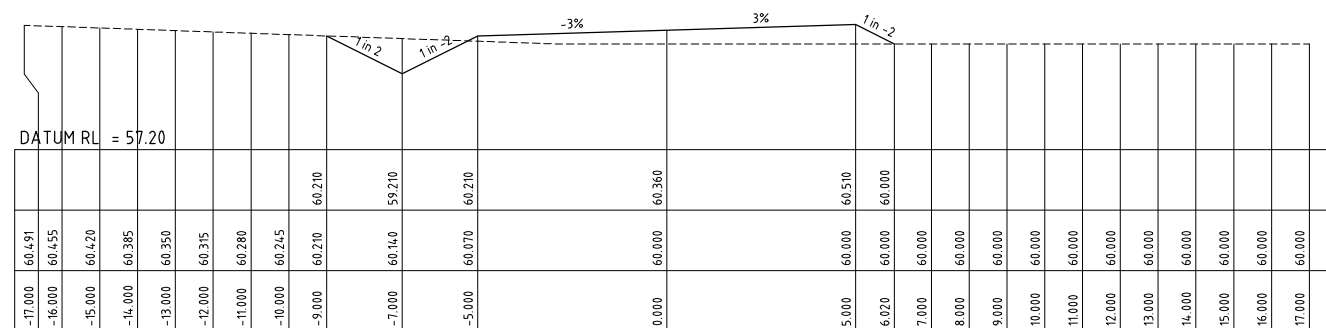
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Drawing No	C12	Revision	6
A1 SHEET			



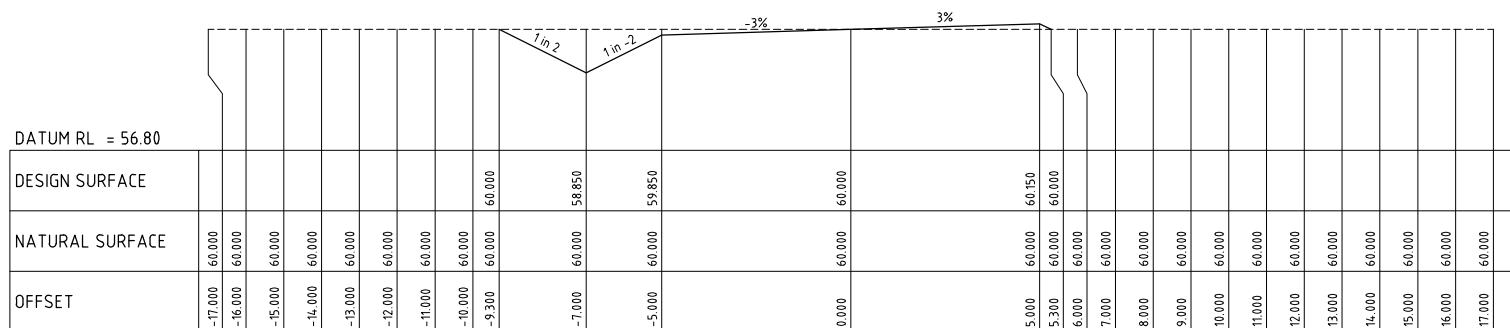
CH 51.844



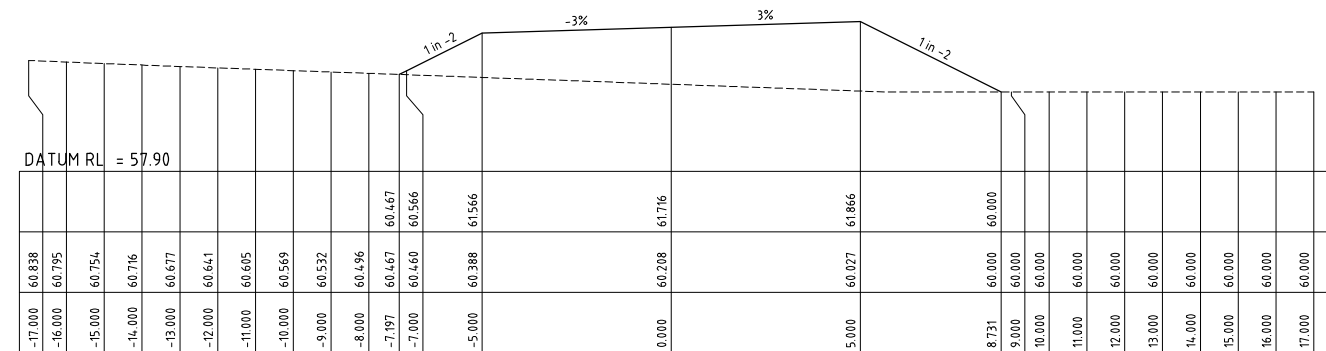
CH 47.738



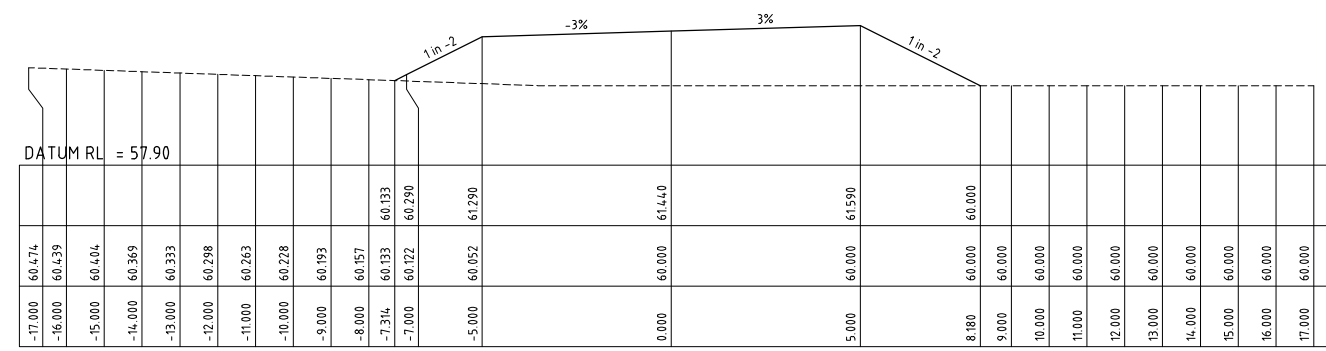
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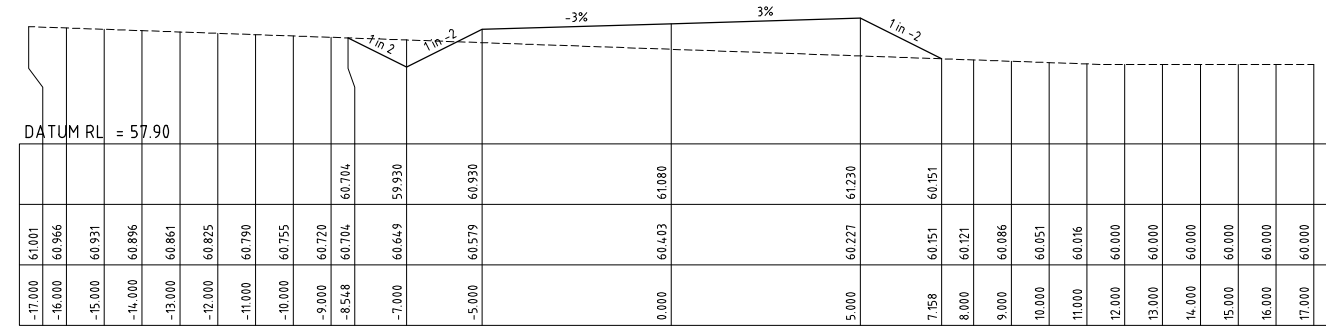
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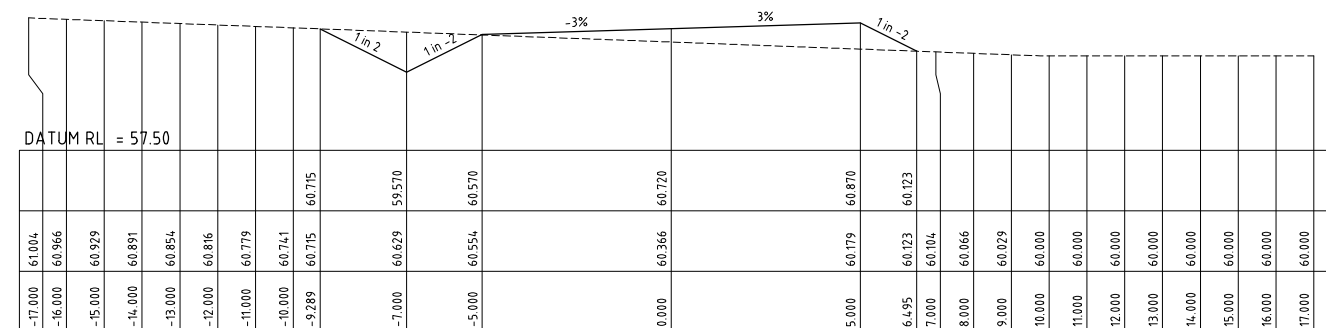
CH 142.974



CH 120.000



CH 90.000



CH 60.000

PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

REVISION	Description	Drawn	App'd	Date
6	CLIENT COMMENTS	AM	IH	08.07.25
5	DRAWING NUMBER CHANGE	AM	IH	03.07.25
4	CLIENT COMMENTS	AM	IH	30.06.25
3	GENERAL AMENDMENTS	AM	IH	26.06.25
2	GENERAL AMENDMENTS	AM	IH	12.06.25
1	ORIGINAL ISSUE	DB	IH	04.06.25

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

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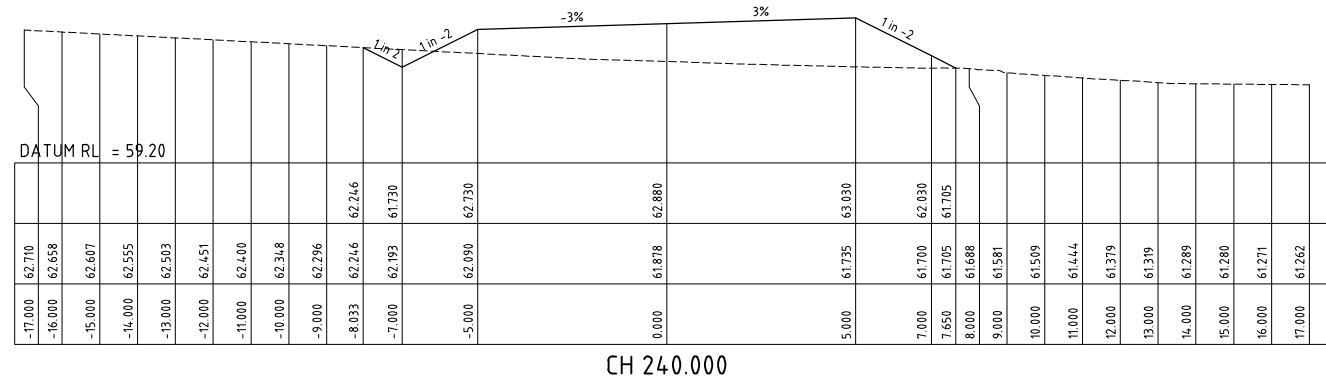
Designed AM	Scale 1:100
Cad Reference 25090C C13 r6	Project Approval IAN HILL (B.E) Consulting Civil Engineer

Client

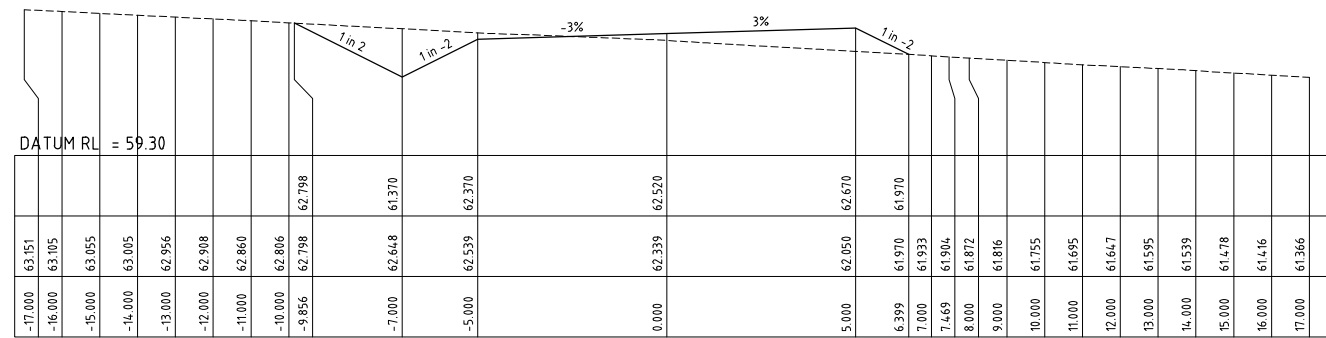


**PROPOSED HAUL ROAD WORKS
BLUESTONE HARDROCK QUARRY
SPRINGVALE ROAD, ELDERSLIE**
HAUL ROAD 1 CROSS SECTIONS SHEET 1 OF 6

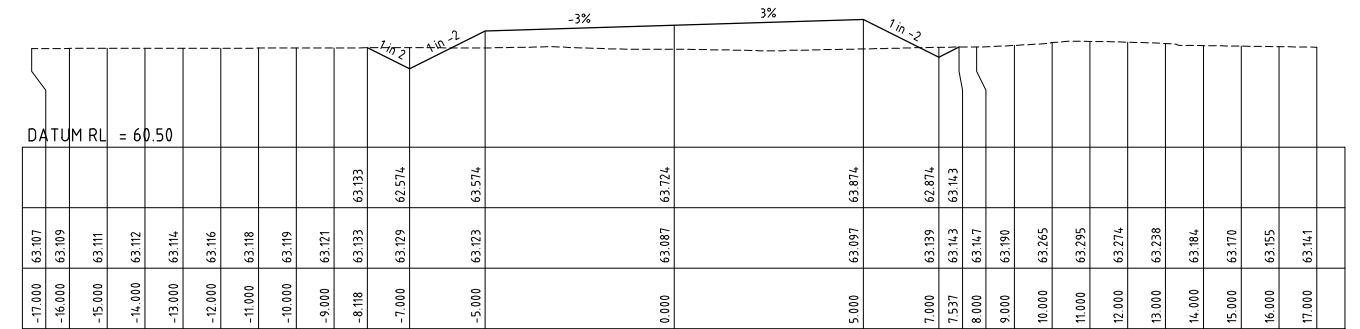
Project No 25090C	Revision 6
Drawing No C13	
A1 SHEET	



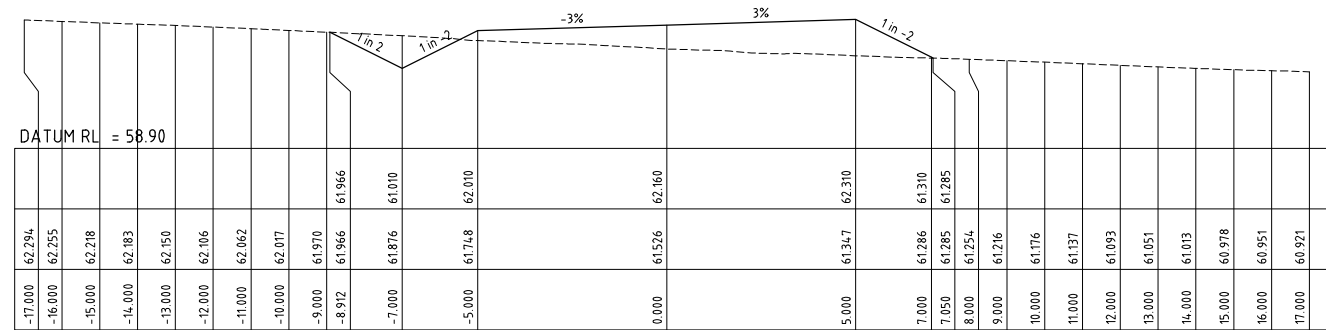
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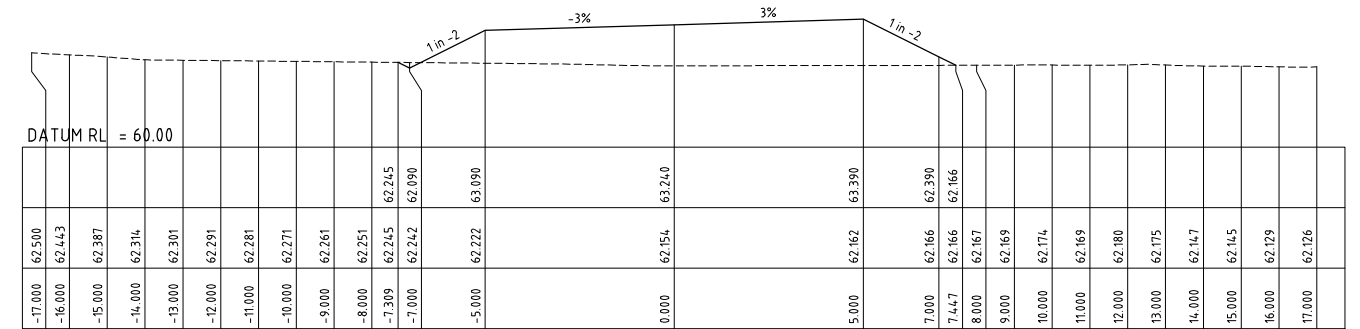
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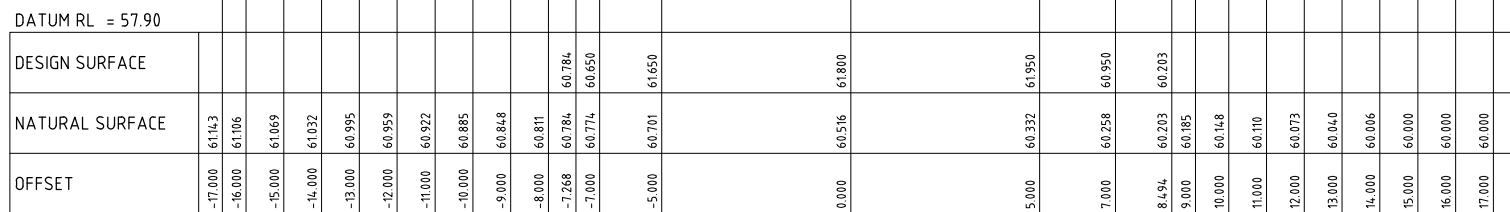
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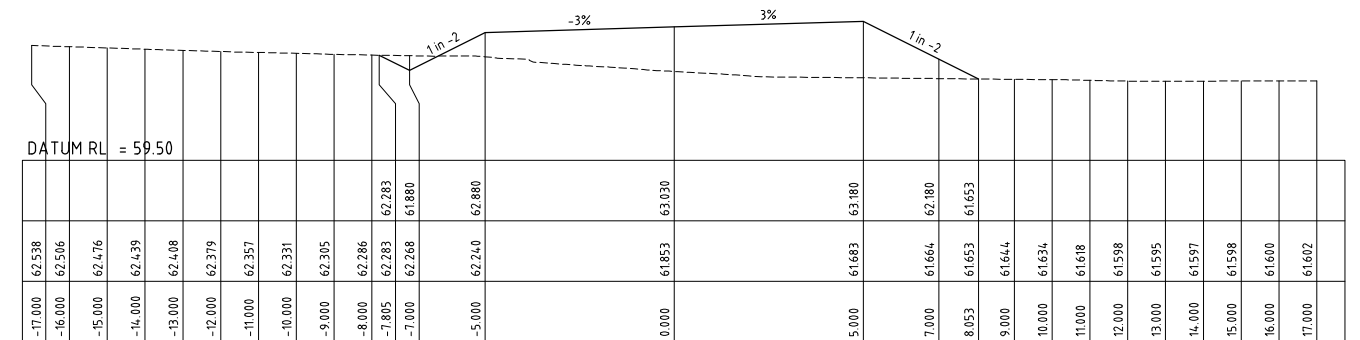
CH 180.000



CH 270.000



CH 150.000



CH 252.512

PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

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5	DRAWING NUMBER CHANGE		AM	IH	03.07.25
4	CLIENT COMMENTS		AM	IH	30.06.25
3	GENERAL AMENDMENTS		AM	IH	26.06.25
2	GENERAL AMENDMENTS		AM	IH	12.06.25
1	ORIGINAL ISSUE		DB	IH	04.06.25

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

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

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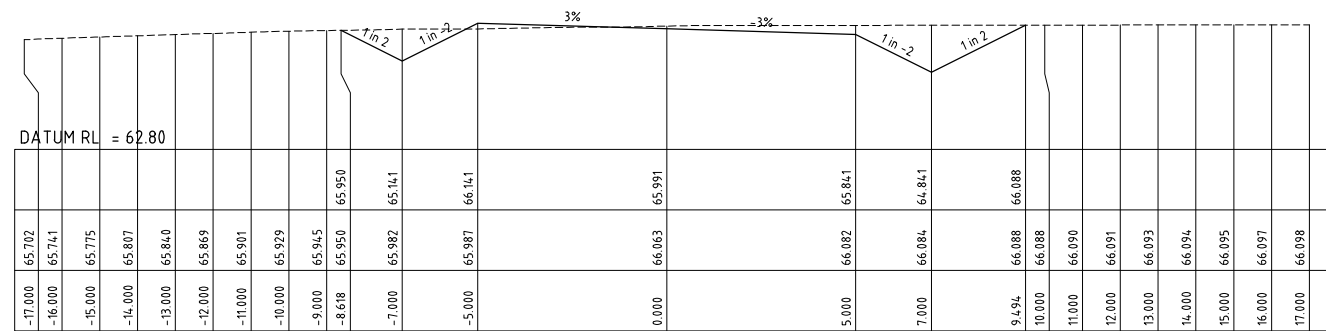
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Cad Reference	
25090C C14 r6	
Project Approval	
IAN HILL (B.E)	
Consulting Civil Engineer	

Client

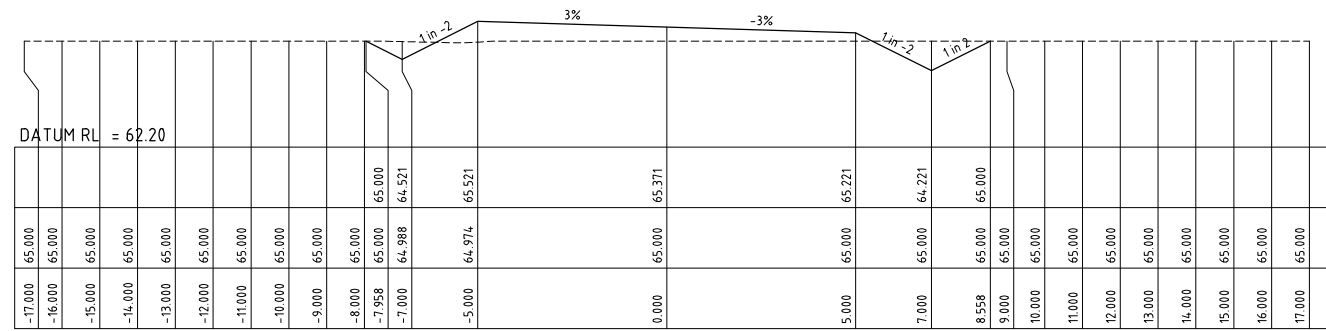


PROPOSED HAUL ROAD WORKS
BLUESTONE HARDROCK QUARRY
SPRINGVALE ROAD, ELDERSLIE
HAUL ROAD 1 CROSS SECTIONS SHEET 2 OF 6

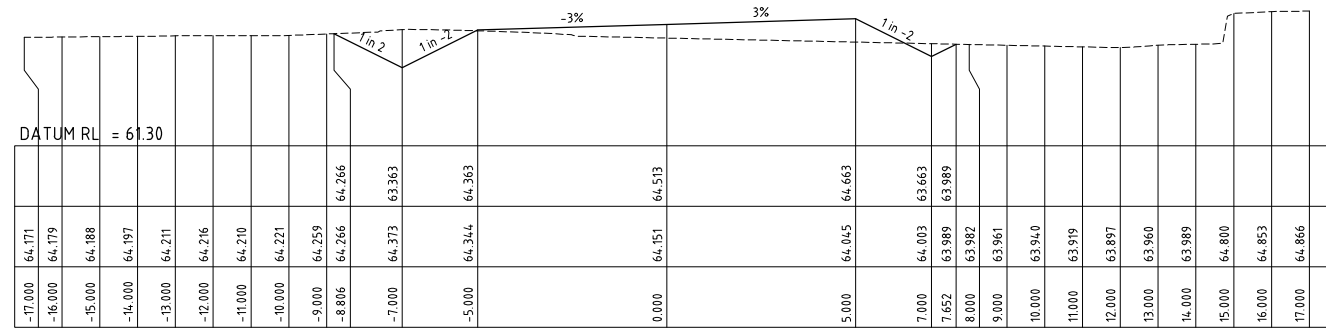
Project No	Drawing No	Revision
25090C	C14	6
A1 SHEET		



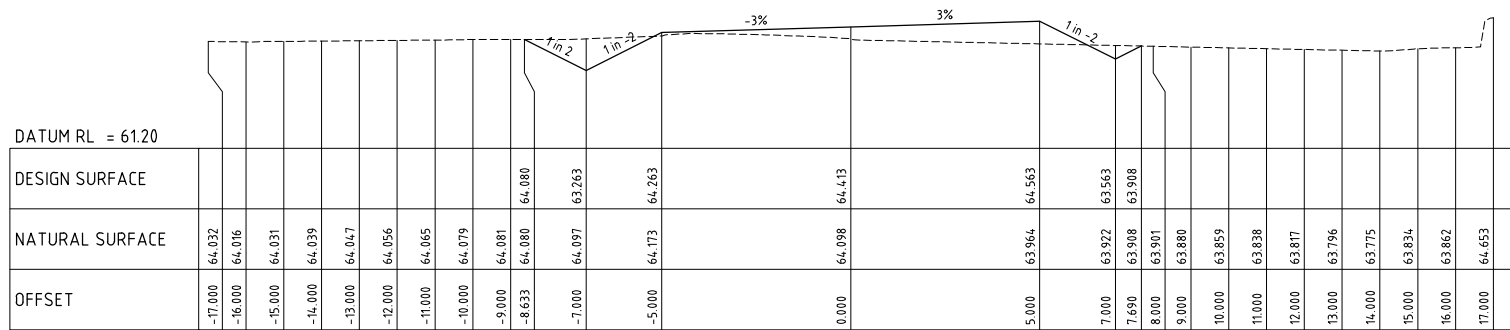
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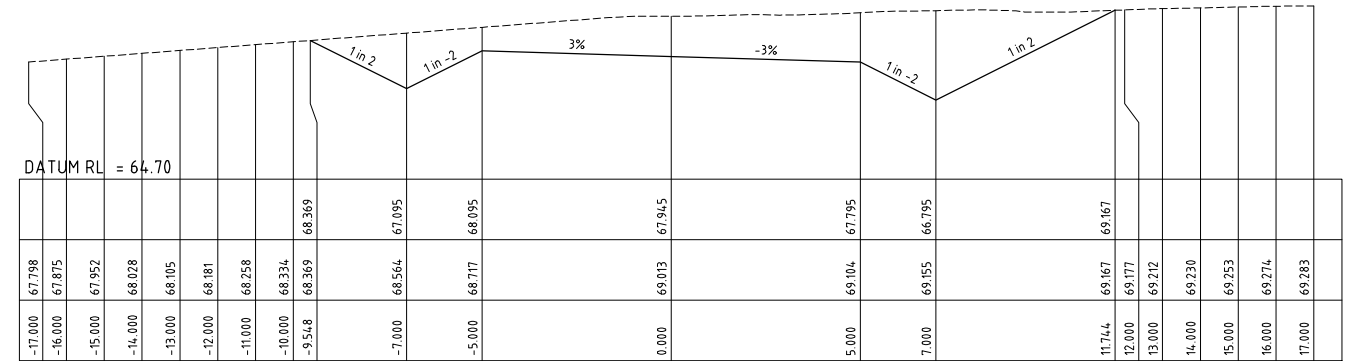
CH 360.000



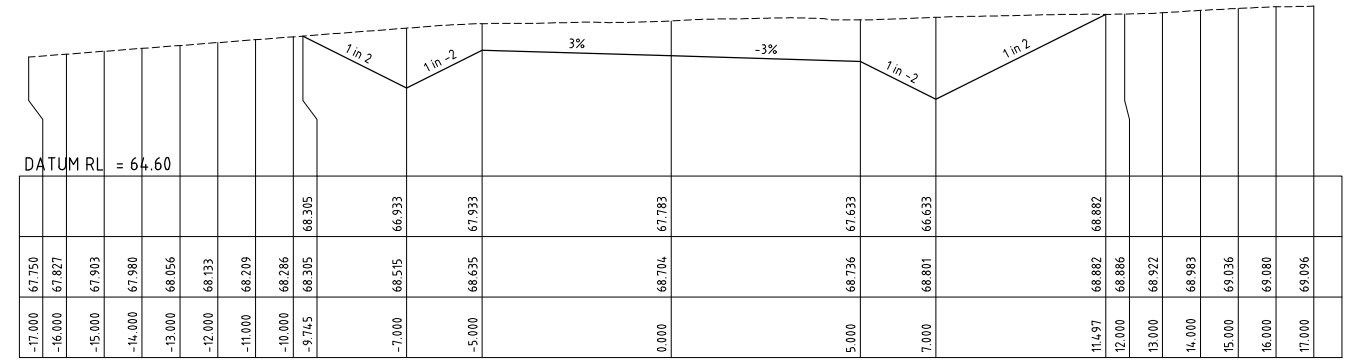
CH 330.000



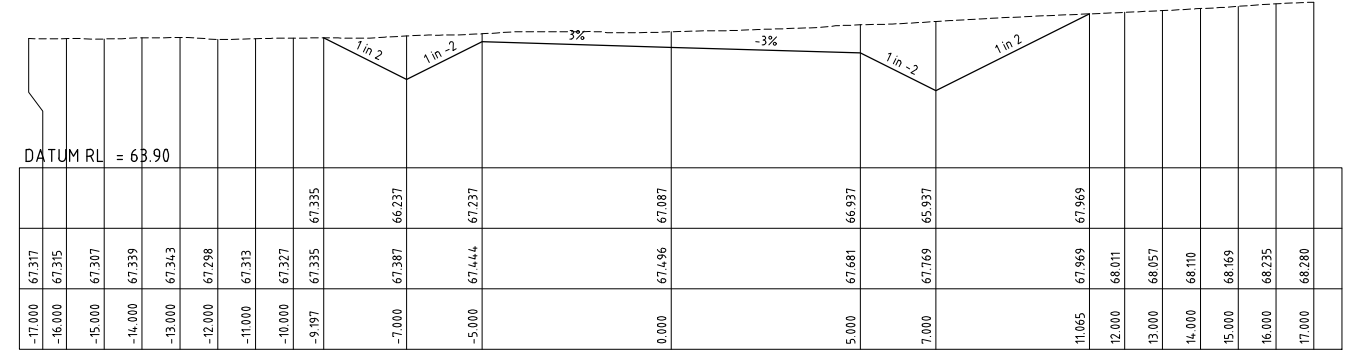
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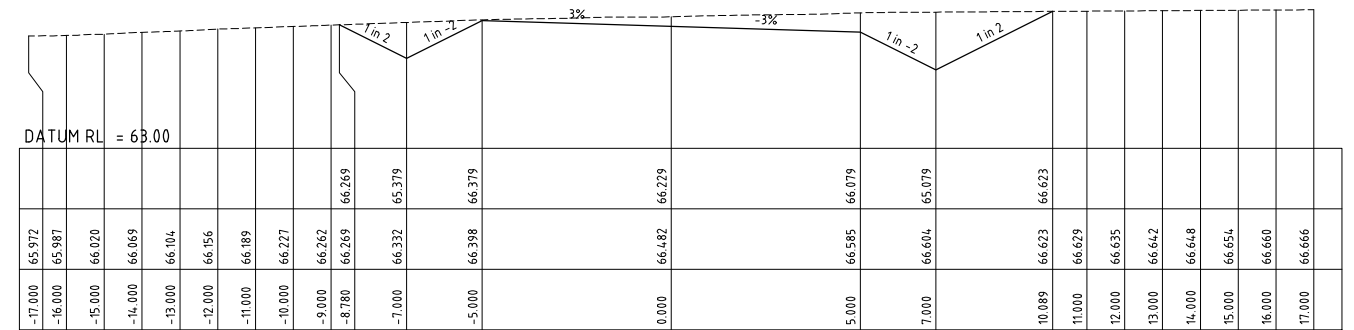
CH 450.000



CH 444.339



CH 420.000



CH 390.000

PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

REVISION	Description	Drawn	App'd	Date
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5	DRAWING NUMBER CHANGE	AM	IH	03.07.25
4	CLIENT COMMENTS	AM	IH	30.06.25
3	GENERAL AMENDMENTS	AM	IH	26.06.25
2	GENERAL AMENDMENTS	AM	IH	12.06.25
1	ORIGINAL ISSUE	DB	IH	04.06.25

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

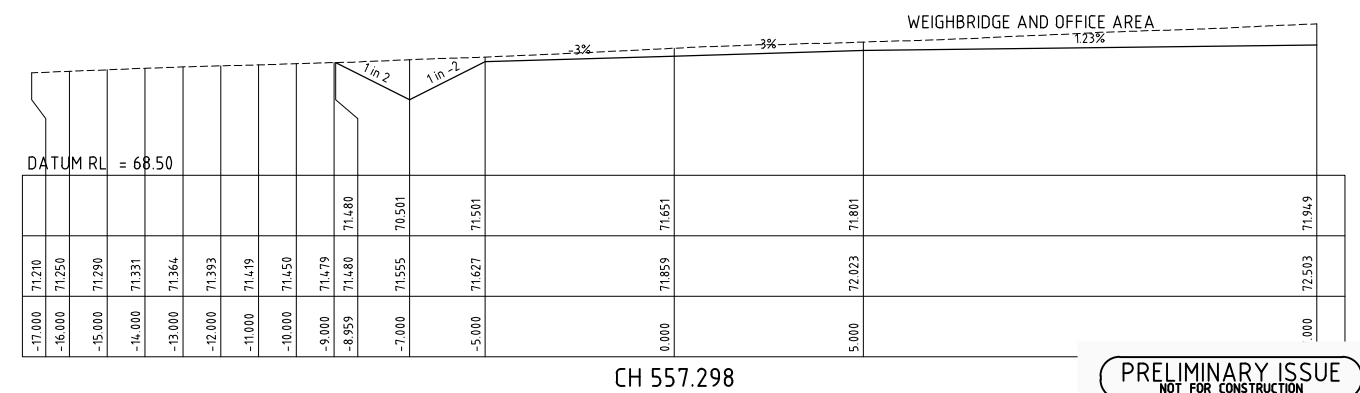
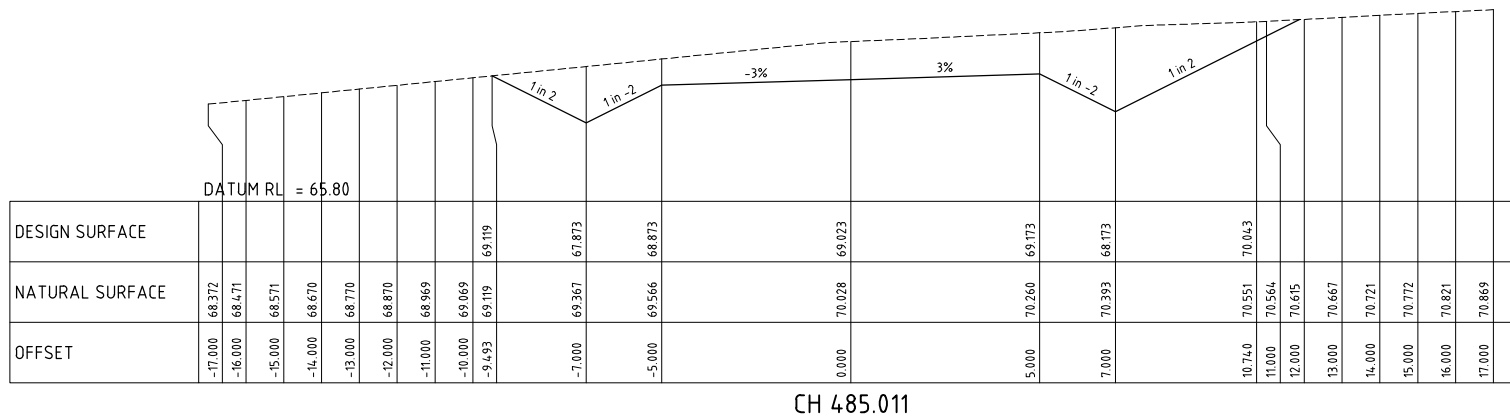
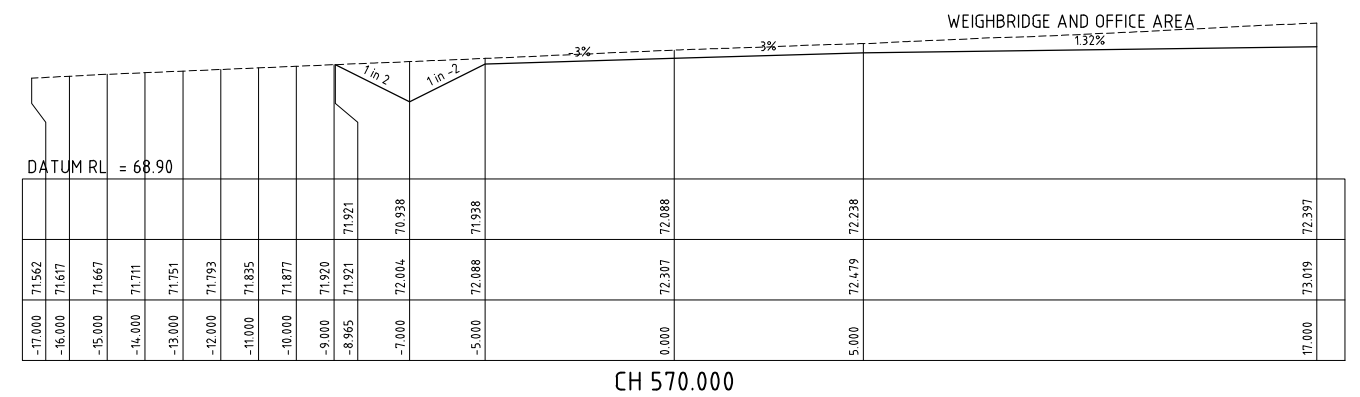
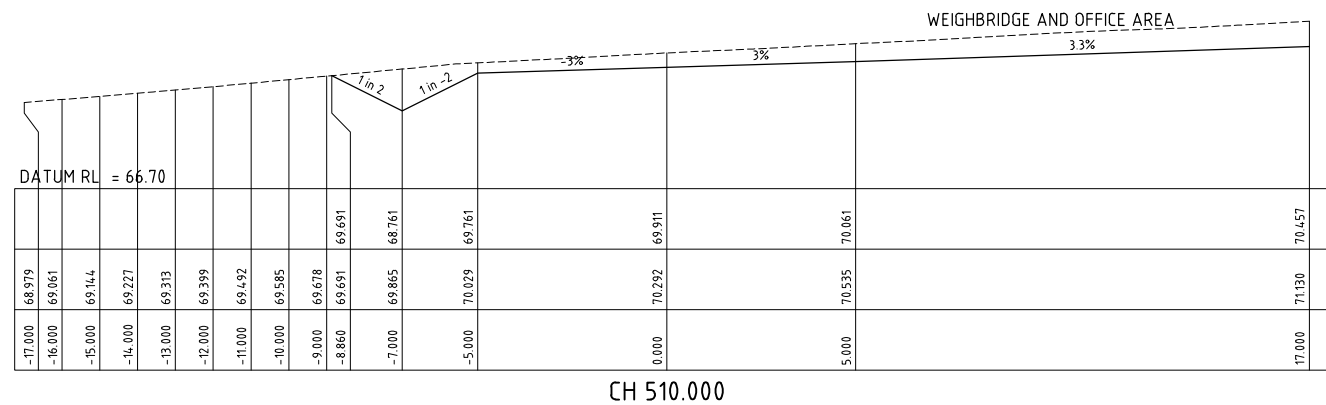
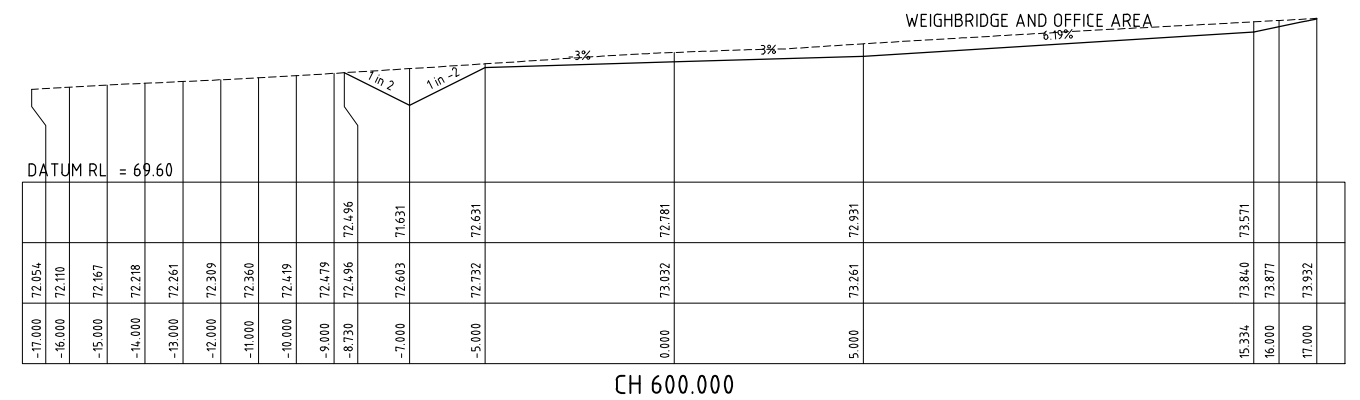
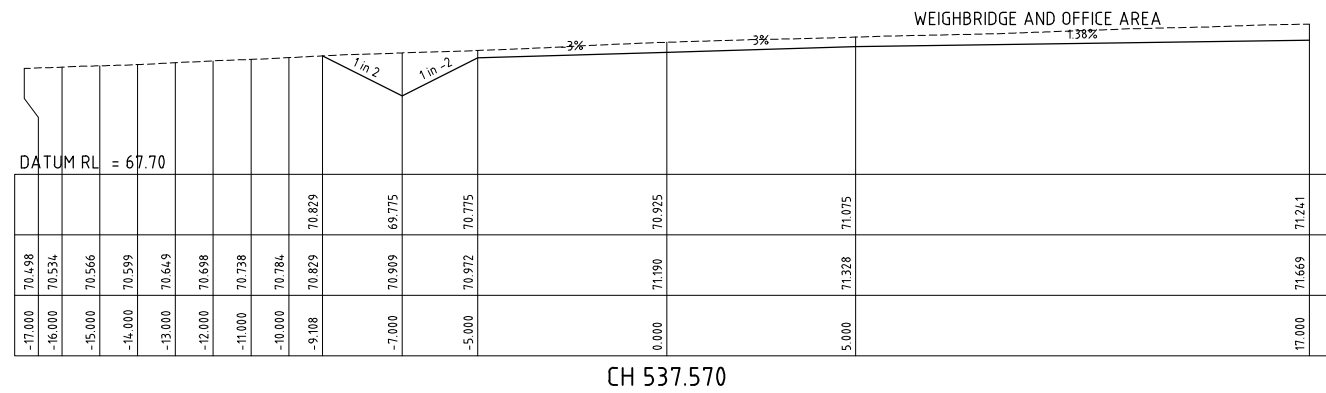
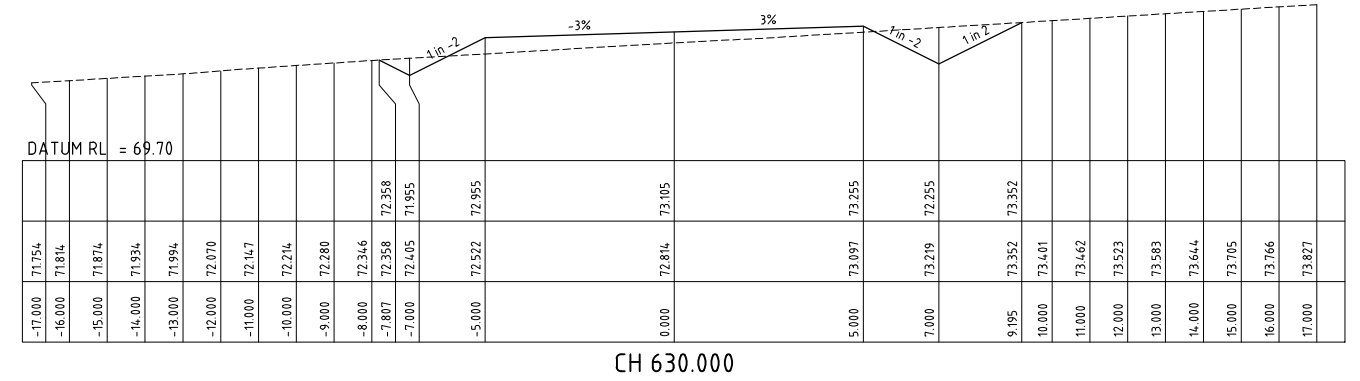
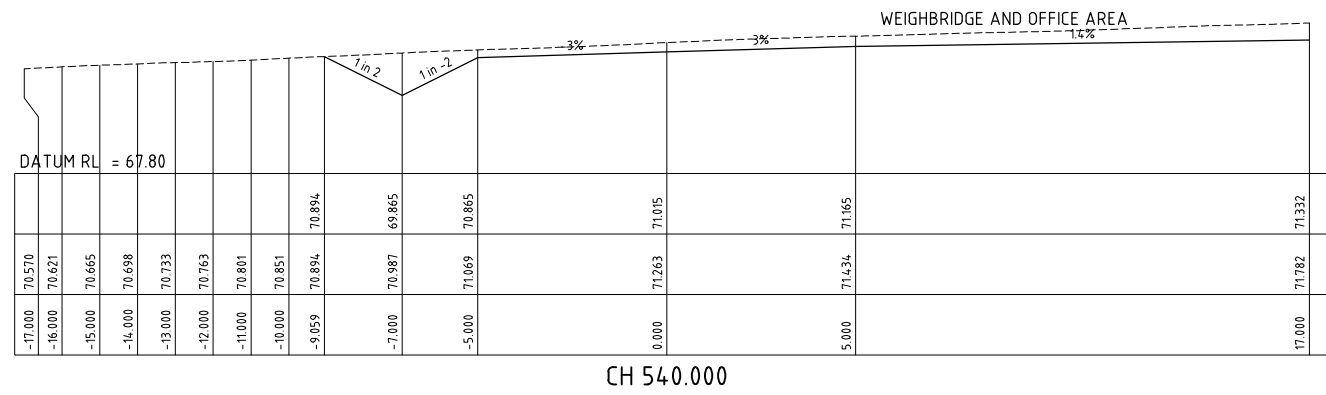
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Designed	AM	Scale	1:100
Cad Reference	25090C C15 r6	Client	
Project Approval	IAN HILL (B.E.) Consulting Civil Engineer		

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

PROPOSED HAUL ROAD WORKS
BLUESTONE HARDROCK QUARRY
SPRINGVALE ROAD, ELDERSLIE
HAUL ROAD 1 CROSS SECTIONS SHEET 3 OF 6

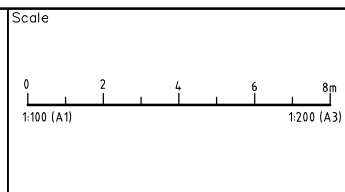
Project No	25090C
Drawing No	C15
Revision	6
A1 SHEET	



PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

REVISION	Description	Drawn	App'd	Date
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5	DRAWING NUMBER CHANGE	A.M.	I.H.	03.07.25
4	CLIENT COMMENTS	A.M.	I.H.	30.06.25
3	GENERAL AMENDMENTS	A.M.	I.H.	26.06.25
2	GENERAL AMENDMENTS	A.M.	I.H.	12.06.25
1	ORIGINAL ISSUE	DB	I.H.	04.06.25

North



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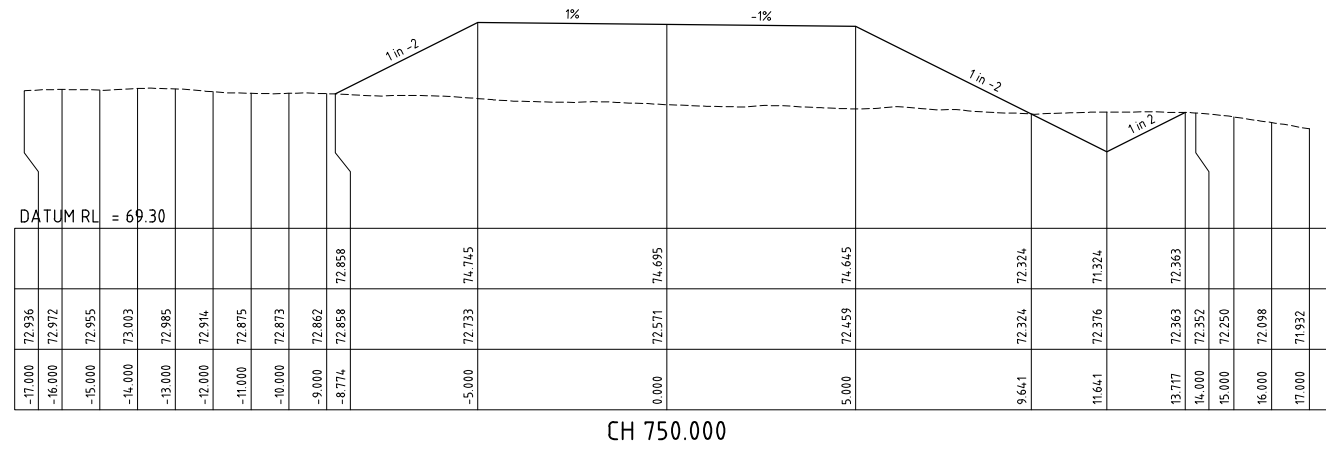
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Cad Reference	
25090C C16 r6	
Project Approval	
IAN HILL (B.E)	
Consulting Civil Engineer	

Client

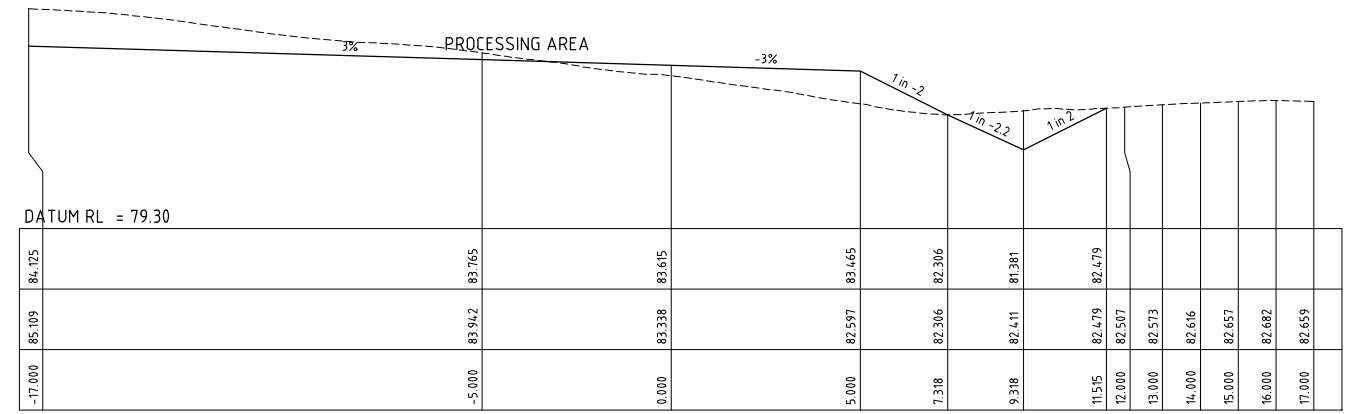


PROPOSED HAUL ROAD WORKS
BLUESTONE HARDROCK QUARRY
SPRINGVALE ROAD, ELDERSLIE
HAUL ROAD 1 CROSS SECTIONS SHEET 4 OF 6

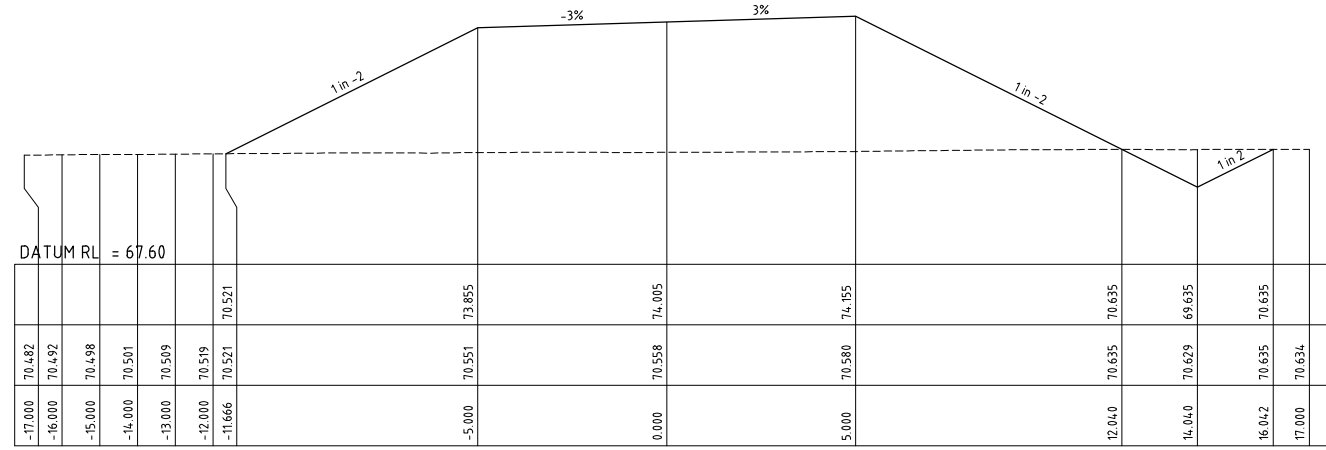
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Drawing No	C16	Revision
		6
A1 SHEET		



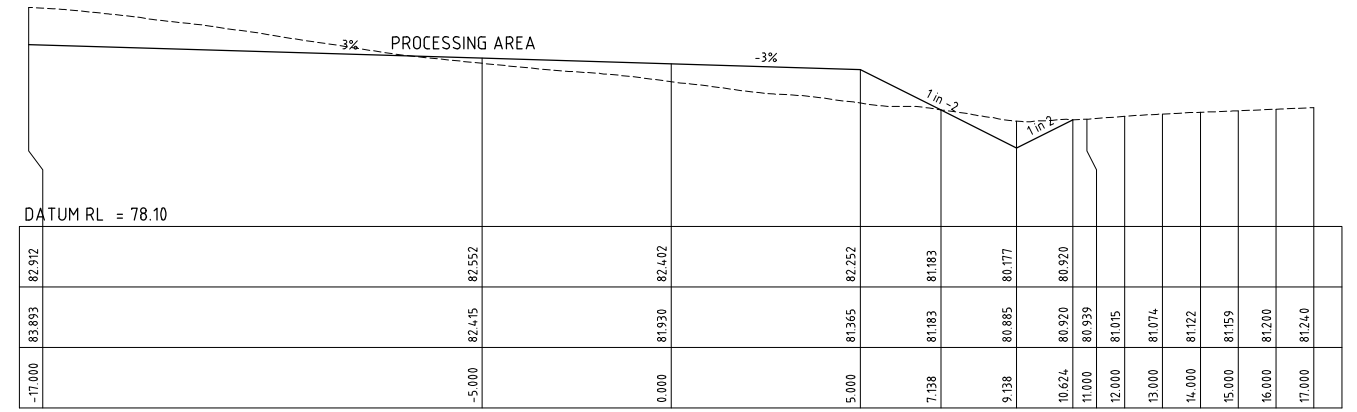
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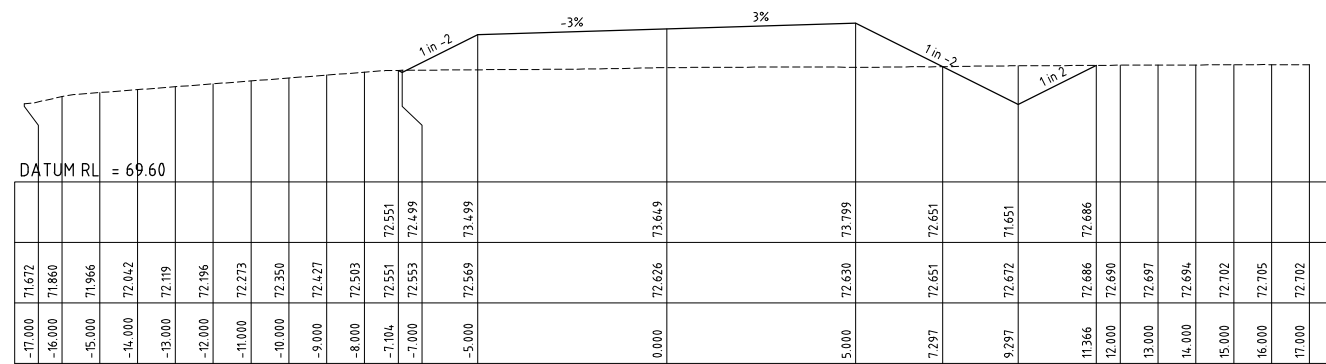
CH 853.037



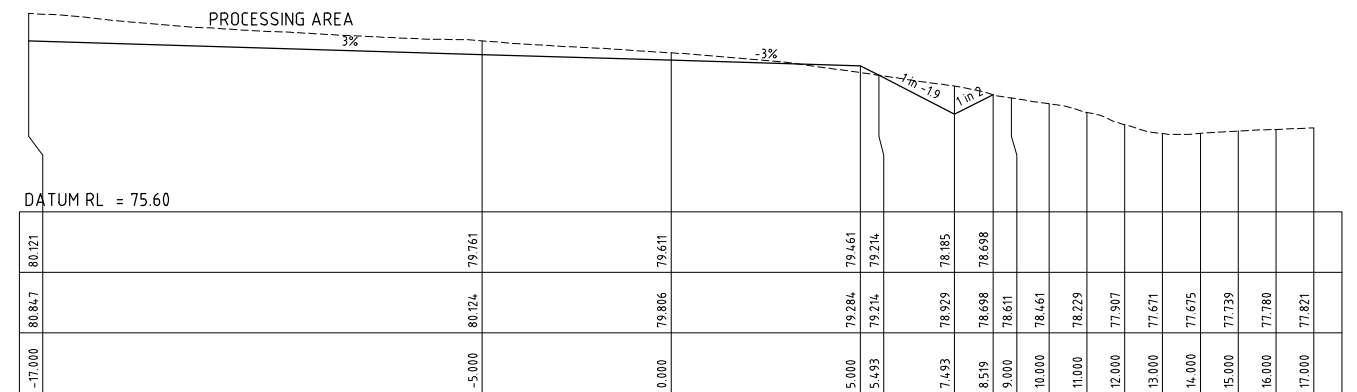
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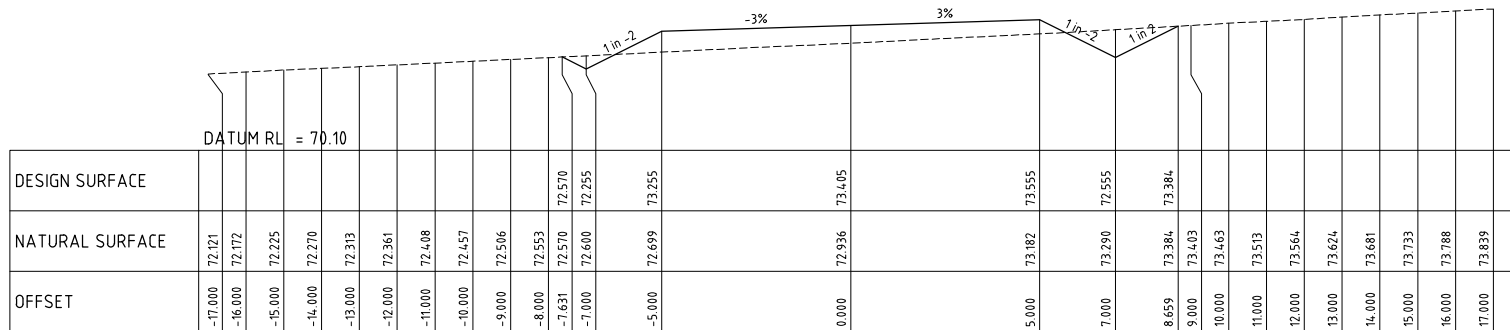
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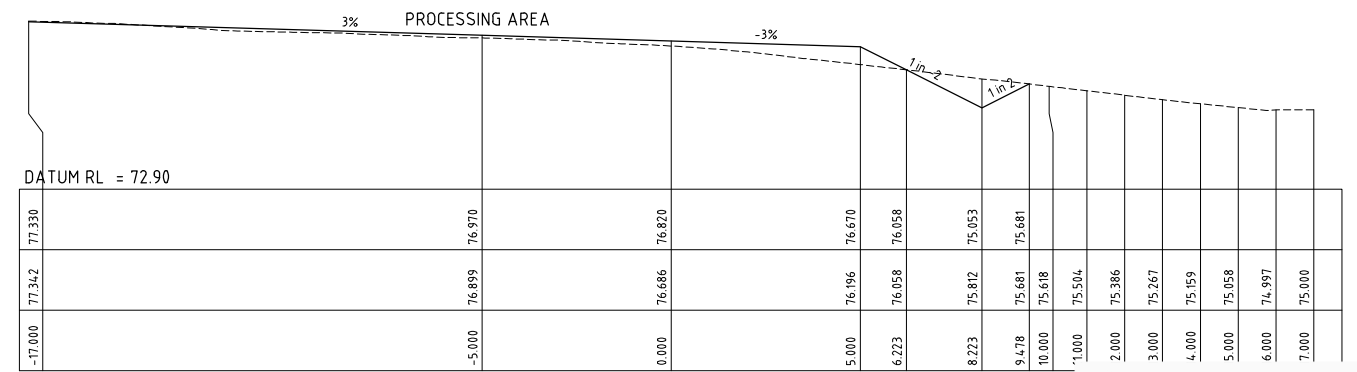
CH 684.483



CH 810.000



CH 660.000

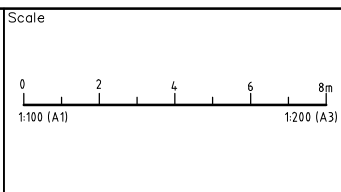


CH 780.000

PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

REVISION	Description	Drawn	App'd	Date
6	CLIENT COMMENTS	AM	IH	08.07.25
5	DRAWING NUMBER CHANGE	AM	IH	03.07.25
4	CLIENT COMMENTS	AM	IH	30.06.25
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1	ORIGINAL ISSUE	DB	IH	04.06.25

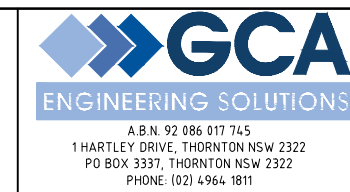
North



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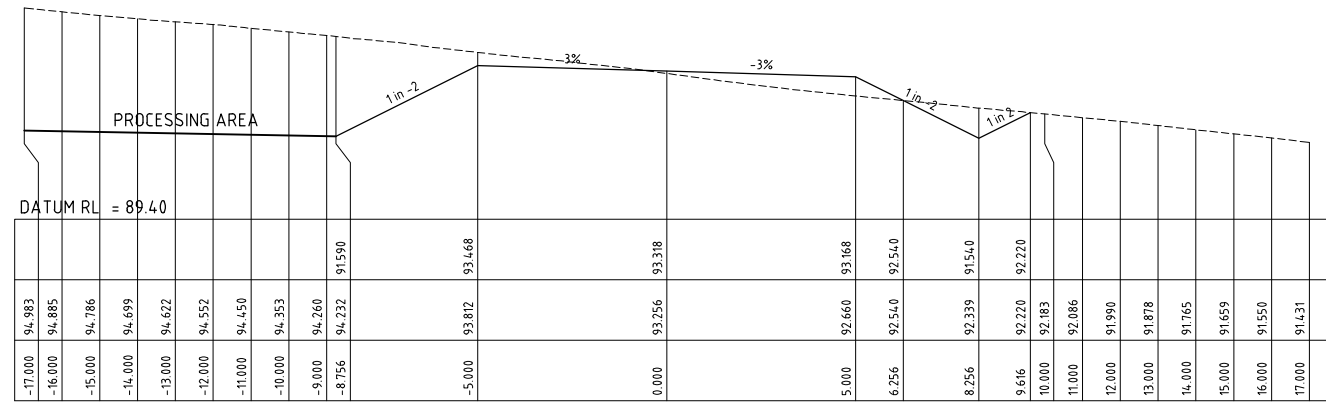
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Cad Reference	
25090C C17 r6	
Project Approval	
IAN HILL (B.E)	
Consulting Civil Engineer	

Client

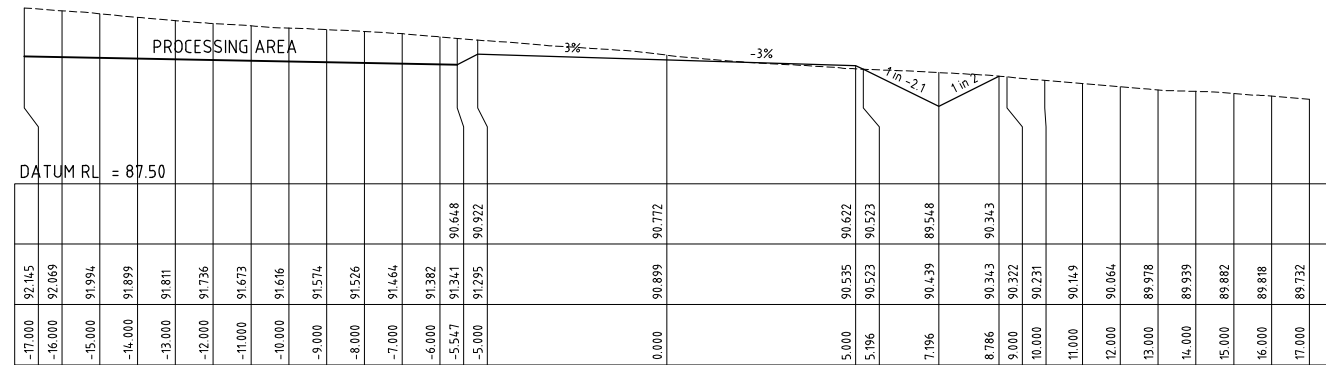


**PROPOSED HAUL ROAD WORKS
BLUESTONE HARDROCK QUARRY
SPRINGVALE ROAD, ELDERSLIE
HAUL ROAD 1 CROSS SECTIONS SHEET 5 OF 6**

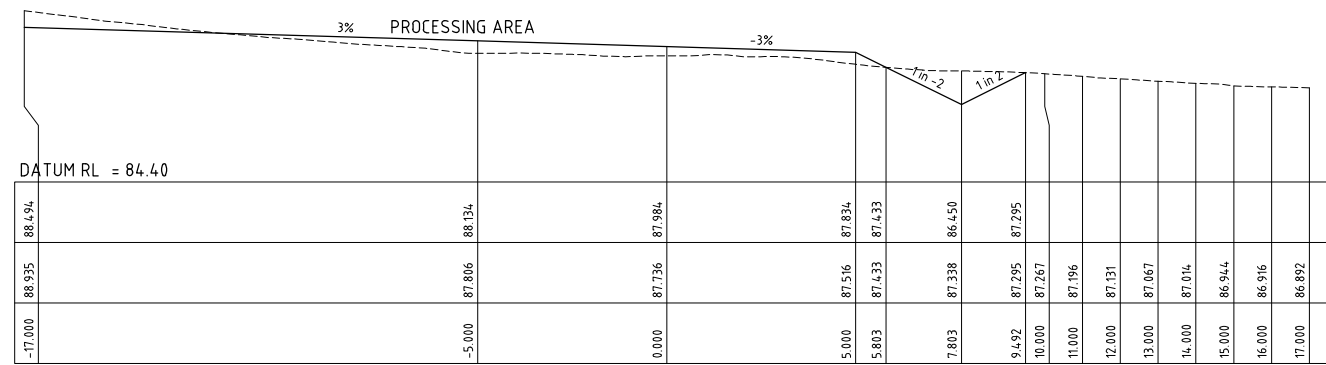
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Drawing No	C17
Revision	6
A1 SHEET	



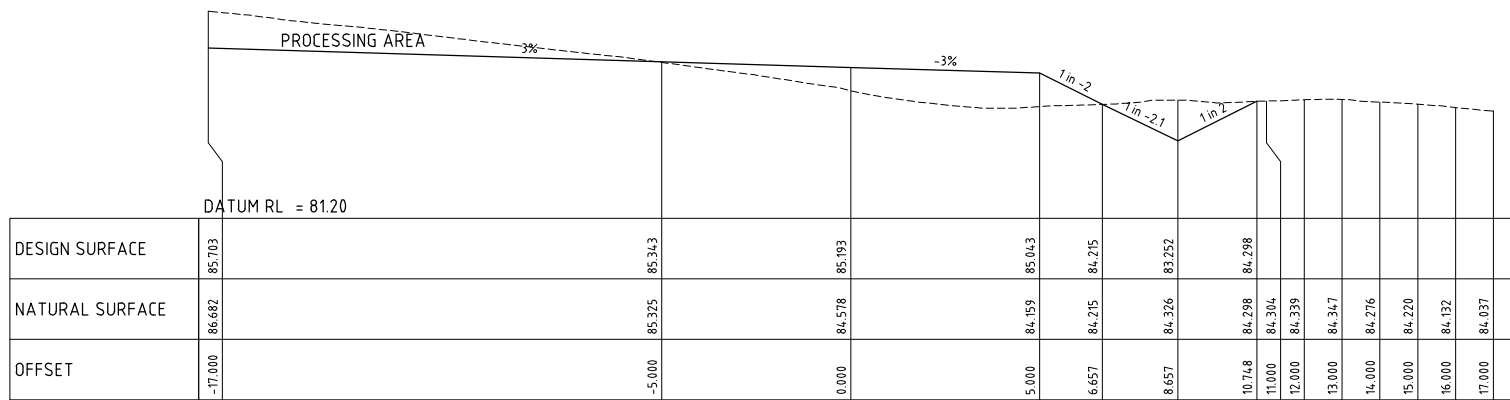
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CH 930.000

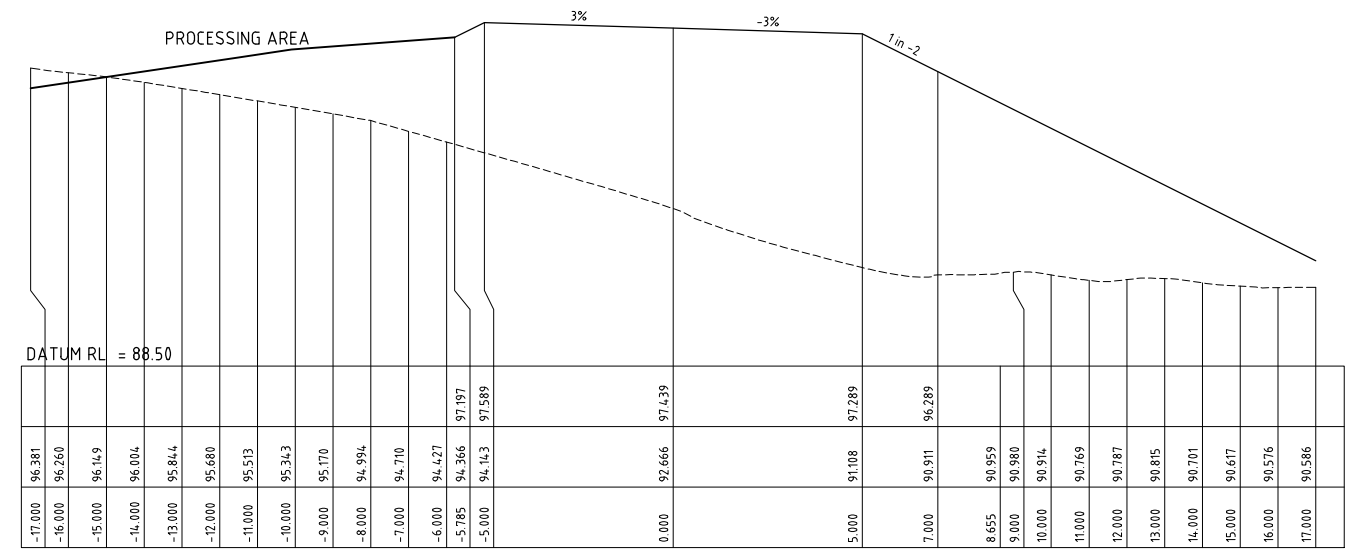


CH 900.000

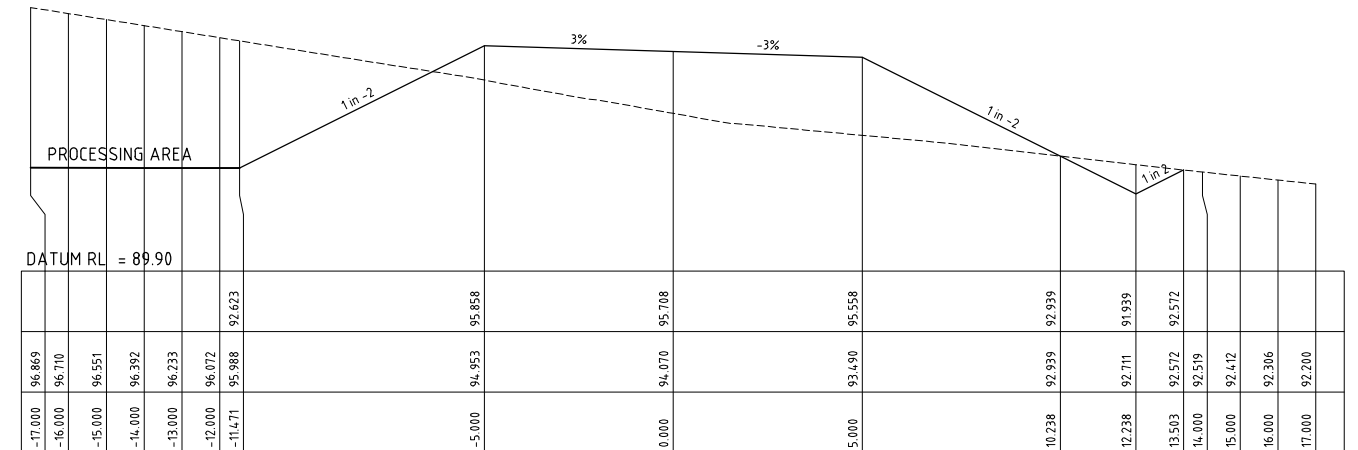


CH 870.000

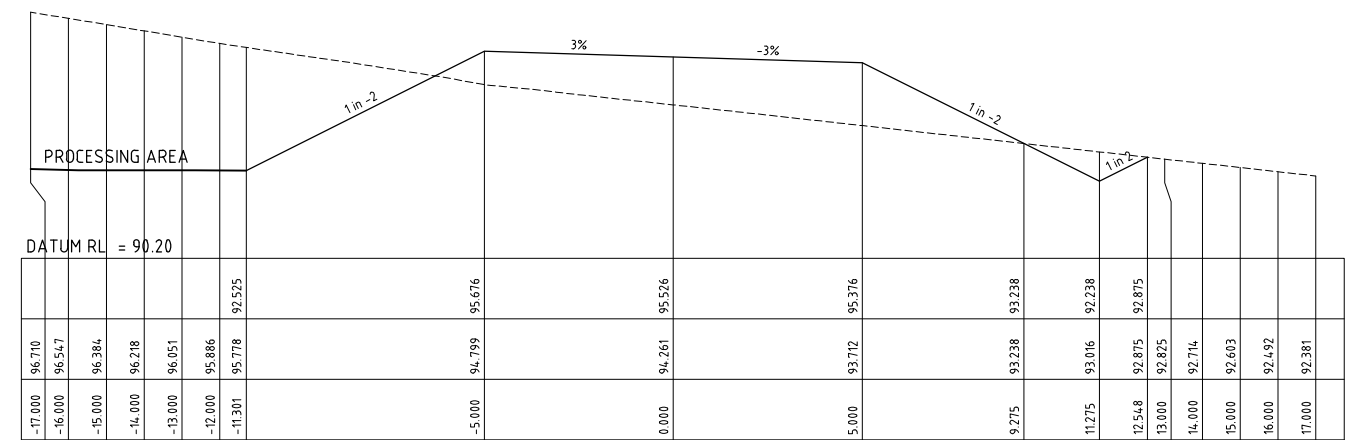
DESIGN SURFACE	85.703
NATURAL SURFACE	86.682
OFFSET	



CH 1020.000



CH 992.546



CH 990.000

PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

6	CLIENT COMMENTS	AM	IH	08.07.25
5	DRAWING NUMBER CHANGE	AM	IH	03.07.25
4	CLIENT COMMENTS	AM	IH	30.06.25
3	GENERAL AMENDMENTS	AM	IH	26.06.25
2	GENERAL AMENDMENTS	AM	IH	12.06.25
1	ORIGINAL ISSUE	DB	IH	04.06.25

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

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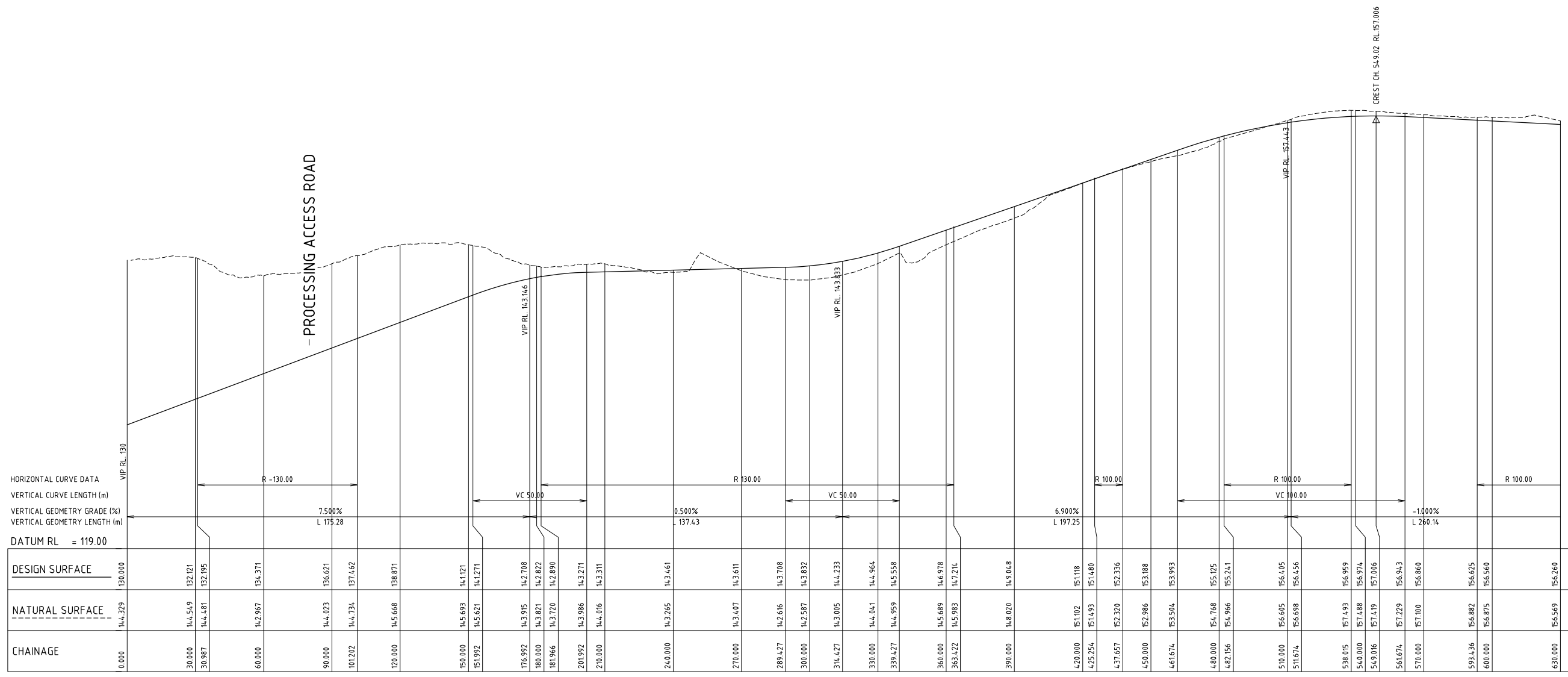
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Cad Reference	
25090C C18 r6	
Project Approval	
IAN HILL (B.E)	
Consulting Civil Engineer	

Client



PROPOSED HAUL ROAD WORKS
BLUESTONE HARDROCK QUARRY
SPRINGVALE ROAD, ELDERSLIE
HAUL ROAD 1 CROSS SECTIONS SHEET 6 OF 6

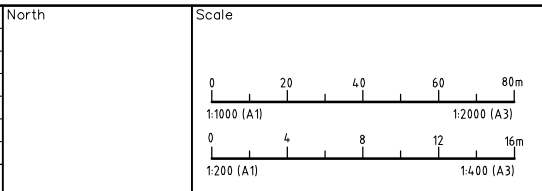
Project No	25090C
Drawing No	C18
Revision	6
A1 SHEET	



A1 SCALE: HORIZONTAL 1:1000, VERTICAL 1:200
 LONGITUDINAL SECTION HAUL ROAD 2

PRELIMINARY ISSUE
 NOT FOR CONSTRUCTION

REVISION	Description	Drawn	App'd	Date
5	DRAWING NUMBER CHANGE	A.M	I.H	03.07.25
4	CLIENT COMMENTS	A.M	I.H	30.06.25
3	GENERAL AMENDMENTS	A.M	I.H	26.06.25
2	GENERAL AMENDMENTS	A.M	I.H	12.06.25
1	ORIGINAL ISSUE	DB	I.H	04.06.25



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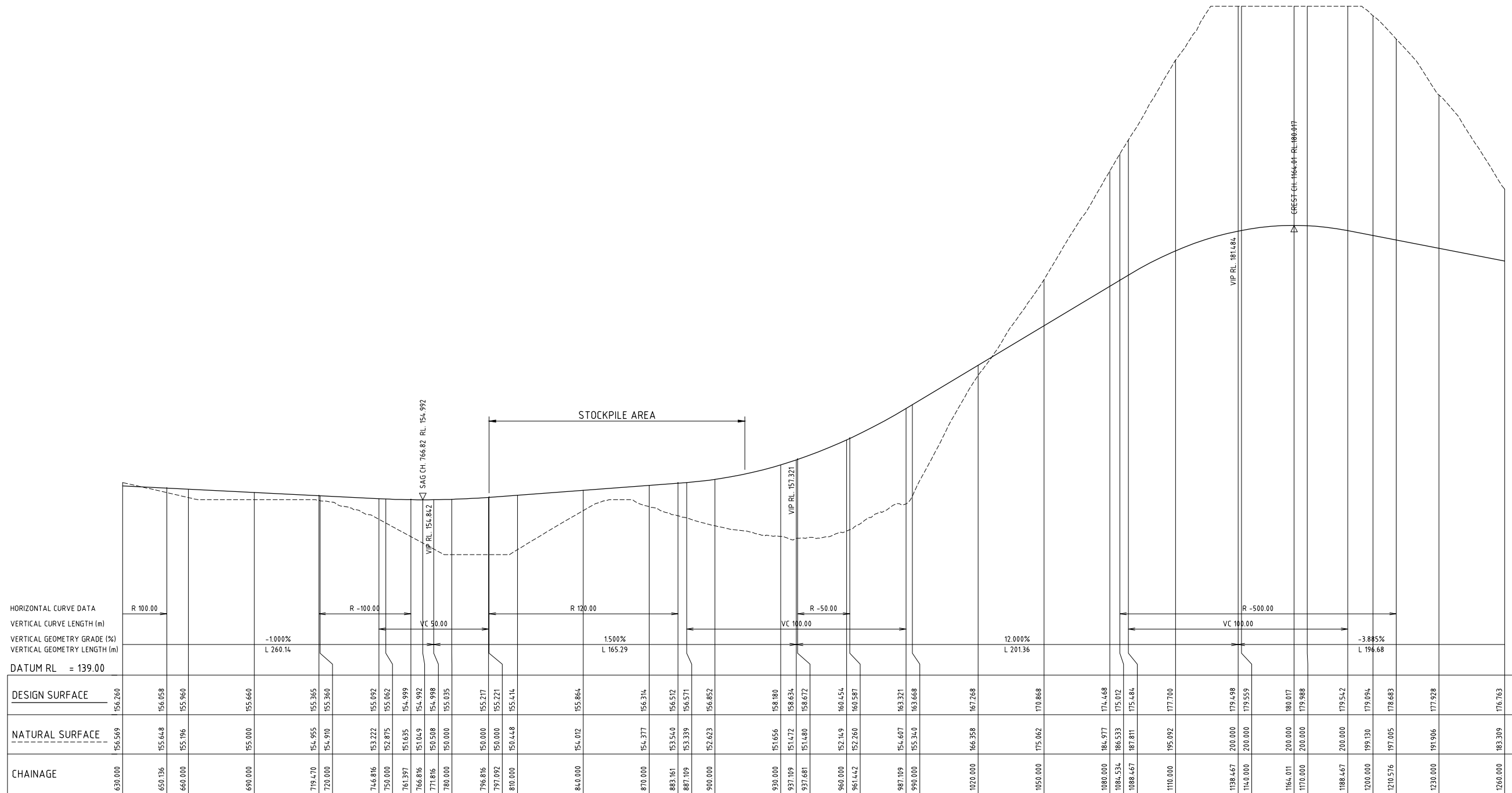
Designed AM
 Scale 1:1000H / 1:200V
 Cad Reference 25090C C19 r5
 Project Approval IAN HILL (B.E)
 Consulting Civil Engineer

Client



**PROPOSED HAUL ROAD WORKS
 BLUESTONE HARDROCK QUARRY
 SPRINGVALE ROAD, ELDERSLIE**
 RESERVED

Project No 25090C	
Drawing No C19	Revision 5
A1 SHEET	



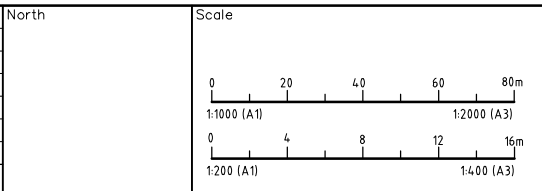
HORIZONTAL CURVE DATA
 VERTICAL CURVE LENGTH (m)
 VERTICAL GEOMETRY GRADE (%)
 VERTICAL GEOMETRY LENGTH (m)
 DATUM RL = 139.00

CHAINAGE	630.000	650.136	660.000	690.000	719.470	720.000	746.816	750.000	761.397	771.816	780.000	796.816	797.092	810.000	840.000	870.000	883.161	887.109	900.000	930.000	937.109	937.681	960.000	961.442	987.109	990.000	1020.000	1050.000	1080.000	1084.534	1088.467	1110.000	1138.467	1140.000	1164.011	1170.000	1188.467	1200.000	1210.516	1230.000	1260.000
DESIGN SURFACE	156.260	156.058	155.960	155.660	155.365	155.360	155.092	155.062	154.999	154.992	155.035	155.217	155.221	155.411	155.864	156.314	156.512	156.571	156.852	158.180	158.634	158.672	160.454	160.587	163.321	163.668	167.268	170.868	174.468	175.012	175.484	177.700	179.498	179.559	180.017	179.988	179.542	179.094	178.683	177.928	176.763
NATURAL SURFACE	156.569	155.648	155.196	155.000	154.955	154.910	153.222	152.875	151.655	151.049	150.308	150.000	150.000	150.448	154.012	154.377	153.540	153.339	152.623	151.656	151.472	151.480	152.149	152.260	154.607	155.340	166.358	175.062	184.977	186.533	187.811	195.092	200.000	200.000	200.000	200.000	199.130	197.005	191.906	183.309	

A1 SCALE: HORIZONTAL 1:1000, VERTICAL 1:200
 LONGITUDINAL SECTION HAUL ROAD 2

PRELIMINARY ISSUE
 NOT FOR CONSTRUCTION

REVISION	Description	Drawn	App'd	Date
5	DRAWING NUMBER CHANGE	A.M	I.H	03.07.25
4	CLIENT COMMENTS	A.M	I.H	30.06.25
3	GENERAL AMENDMENTS	A.M	I.H	26.06.25
2	GENERAL AMENDMENTS	A.M	I.H	12.06.25
1	ORIGINAL ISSUE	DB	I.H	04.06.25



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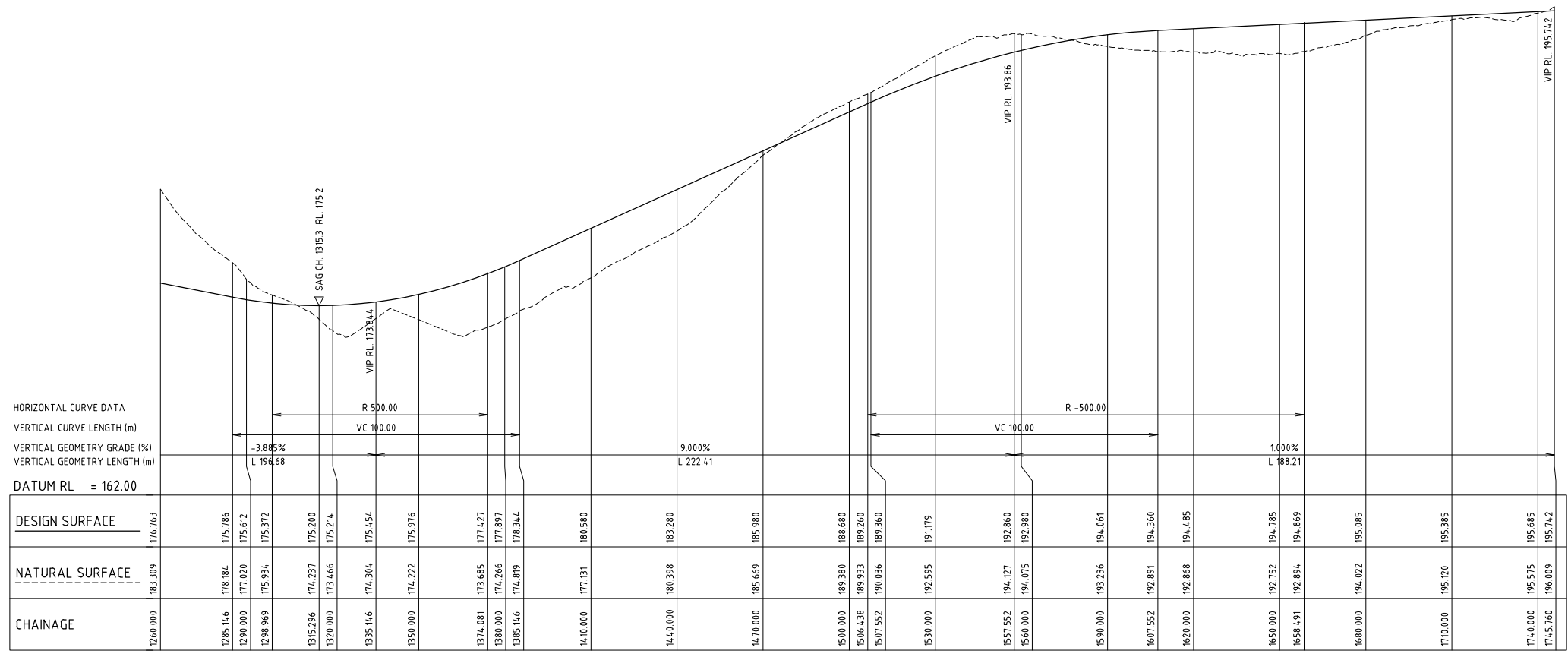
Designed AM
 Scale 1:1000H / 1:200V
 Cad Reference 25090C C20 r5
 Project Approval IAN HILL (B.E)
 Consulting Civil Engineer

Client



**PROPOSED HAUL ROAD WORKS
 BLUESTONE HARDROCK QUARRY
 SPRINGVALE ROAD, ELDERSLIE**
 RESERVED

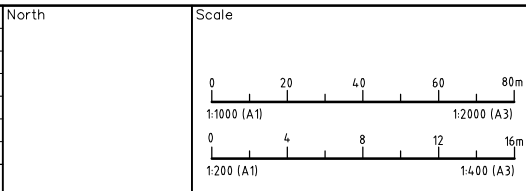
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Drawing No	C20	Revision	5
A1 SHEET			



A1 SCALE: HORIZONTAL 1:1000, VERTICAL 1:200
 LONGITUDINAL SECTION HAUL ROAD 2

PRELIMINARY ISSUE
 NOT FOR CONSTRUCTION

REVISION	Description	Drawn	App'd	Date
5	DRAWING NUMBER CHANGE	A.M	I.H	03.07.25
4	CLIENT COMMENTS	A.M	I.H	30.06.25
3	GENERAL AMENDMENTS	A.M	I.H	26.06.25
2	GENERAL AMENDMENTS	A.M	I.H	12.06.25
1	ORIGINAL ISSUE	DB	I.H	04.06.25



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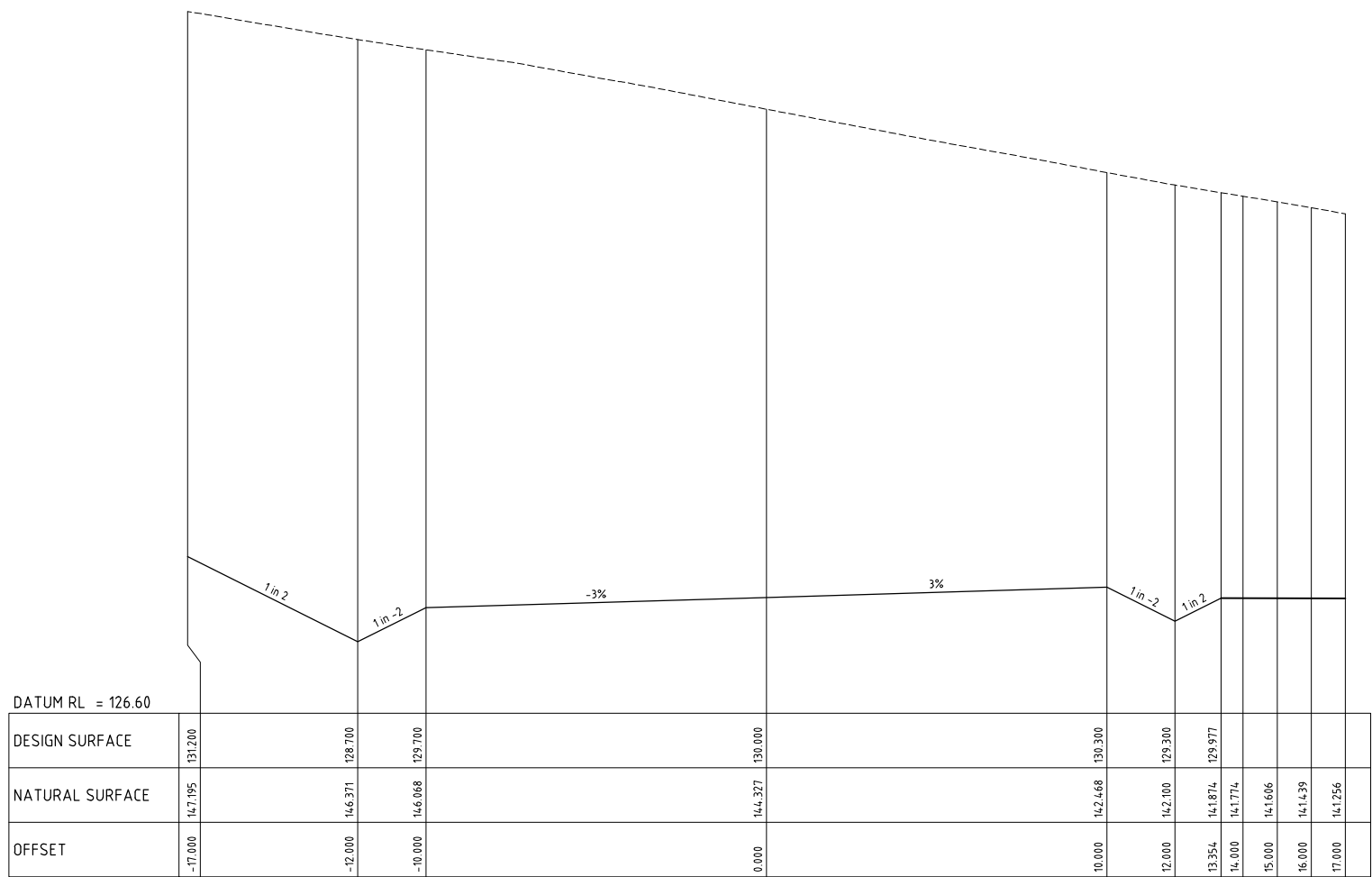
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 Cad Reference 25090C C21 r5
 Project Approval IAN HILL (B.E)
 Consulting Civil Engineer

Client

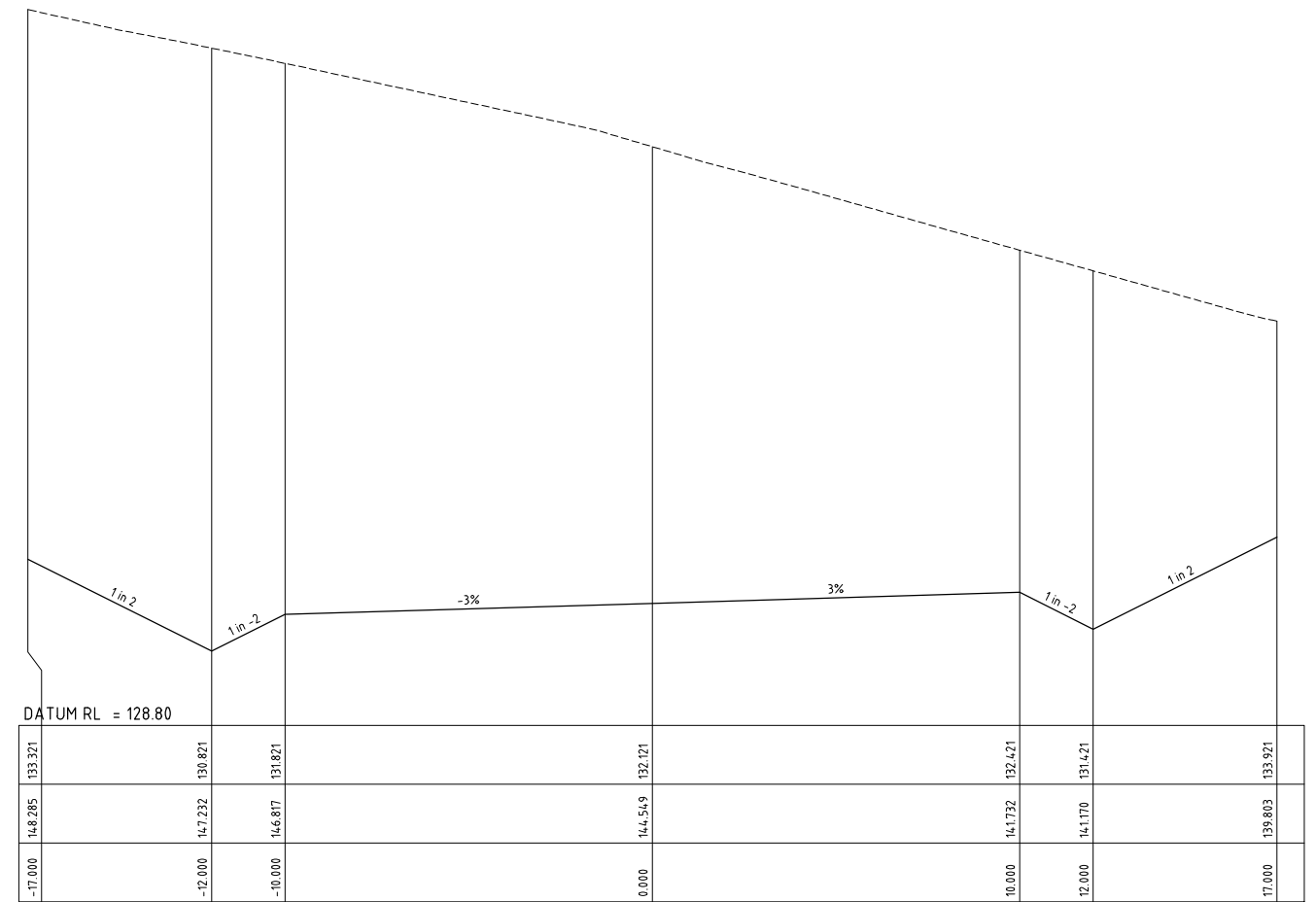


PROPOSED HAUL ROAD WORKS
BLUESTONE HARDROCK QUARRY
 SPRINGVALE ROAD, ELDERSLIE
 HAUL ROAD 2 LONGITUDINAL SECTION SHEET 1 OF 3

Project No 25090C	
Drawing No C21	Revision 5
A1 SHEET	



CH 1.715

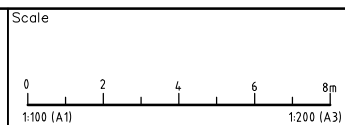


CH 30.000

PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

REVISION	Description	Drawn	App'd	Date
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4	CLIENT COMMENTS	A.M	I.H	30.06.25
3	GENERAL AMENDMENTS	A.M	I.H	26.06.25
2	GENERAL AMENDMENTS	A.M	I.H	12.06.25
1	ORIGINAL ISSUE	DB	I.H	04.06.25

North



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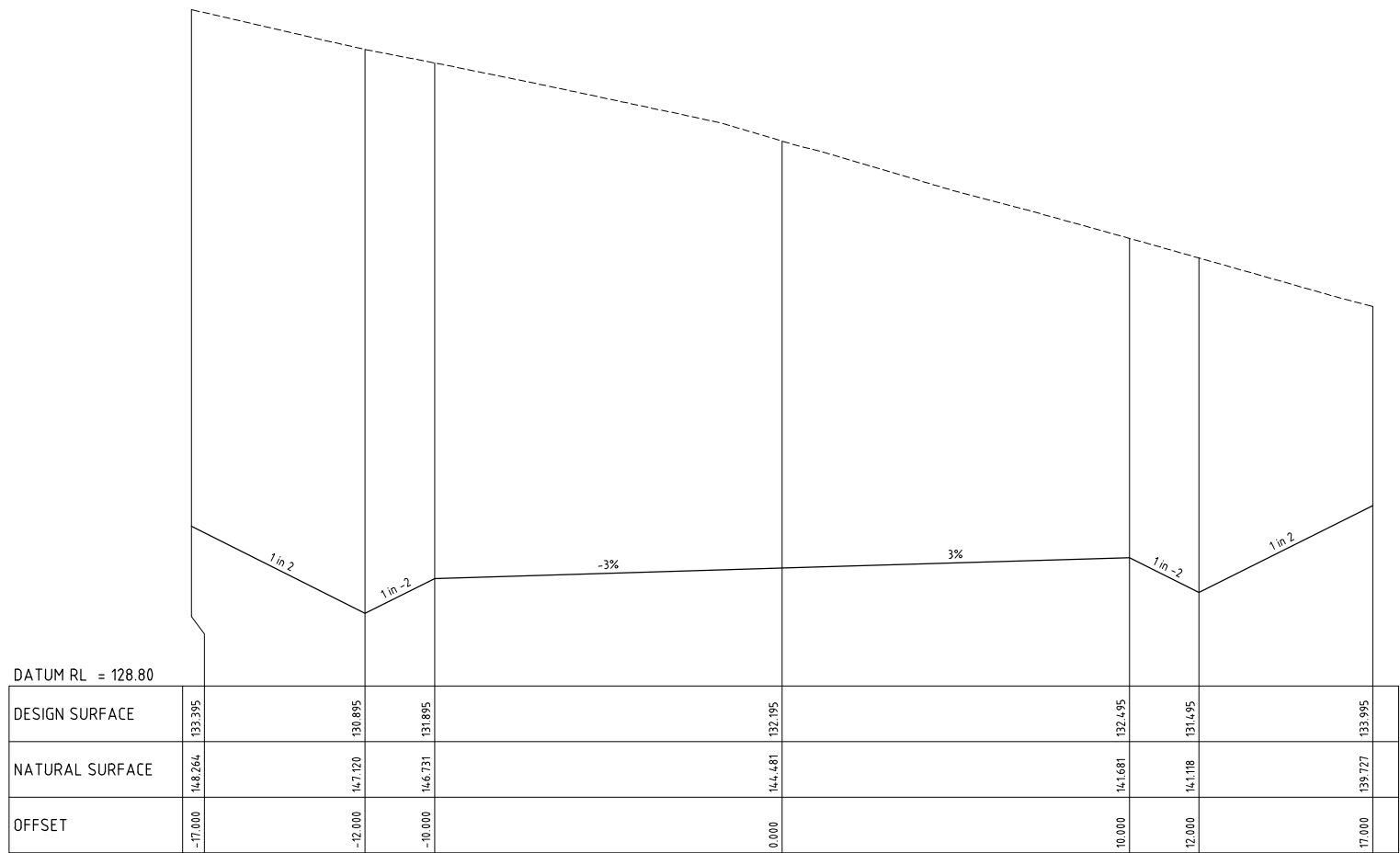
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Scale
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Cad Reference
25090C C22 r5
Project Approval
IAN HILL (B.E)
Consulting Civil Engineer

Client

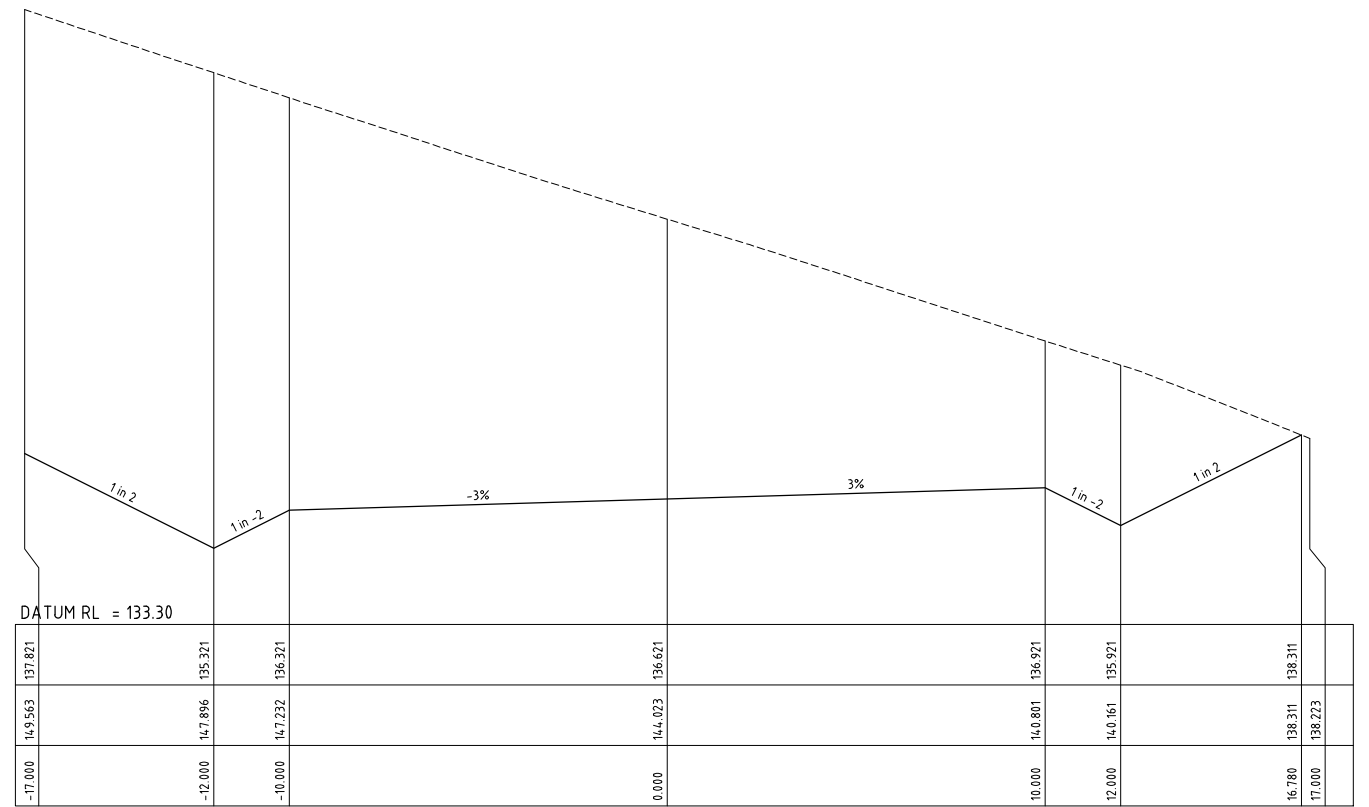


**PROPOSED HAUL ROAD WORKS
BLUESTONE HARDROCK QUARRY
SPRINGVALE ROAD, ELDERSLIE**
HAUL ROAD 2 LONGITUDINAL SECTION SHEET 2 OF 3

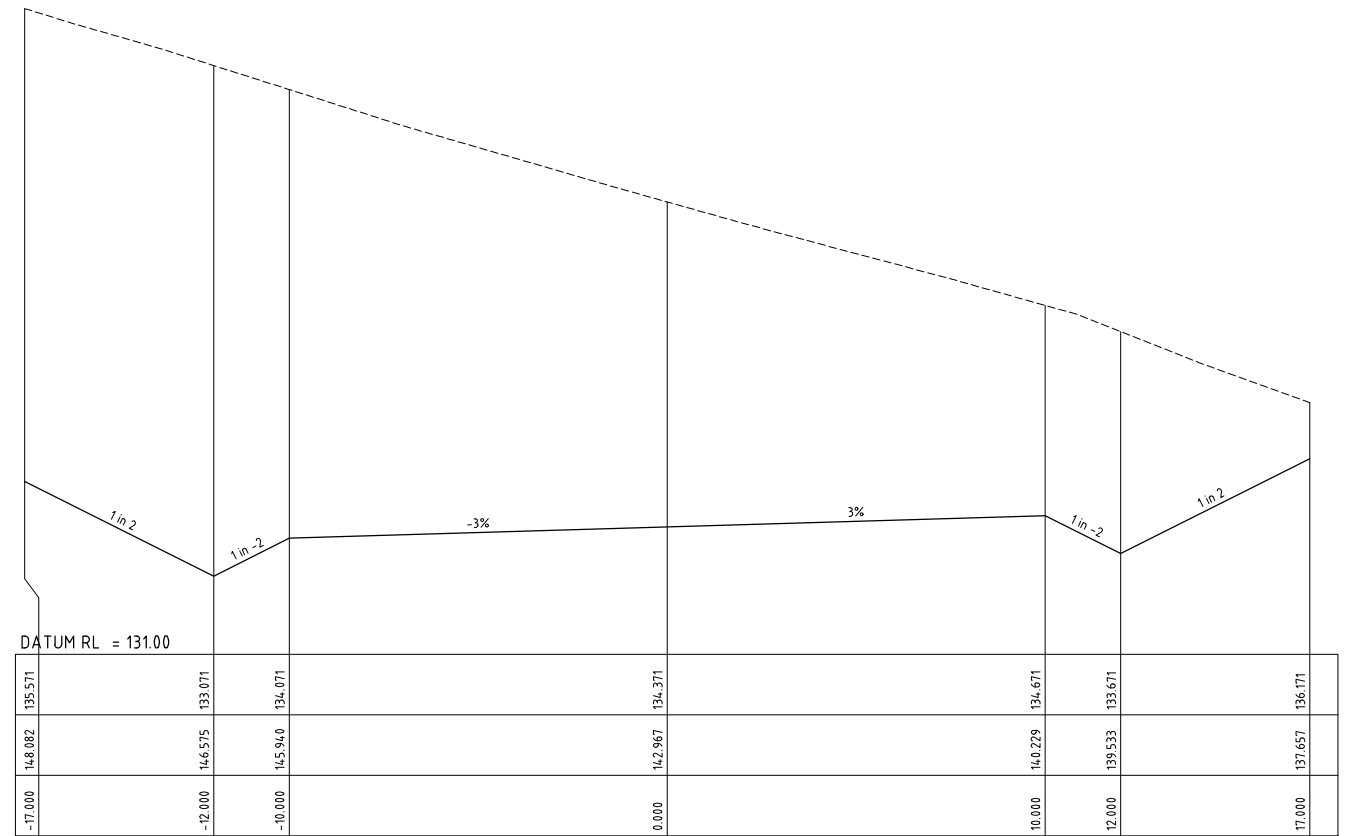
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A1 SHEET	



CH 30.988



CH 90.000

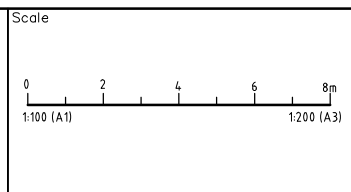


CH 60.000

PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

REVISION	Description	Drawn	App'd	Date
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4	CLIENT COMMENTS	A.M	I.H	30.06.25
3	GENERAL AMENDMENTS	A.M	I.H	26.06.25
2	GENERAL AMENDMENTS	A.M	I.H	12.06.25
1	ORIGINAL ISSUE	DB	I.H	04.06.25

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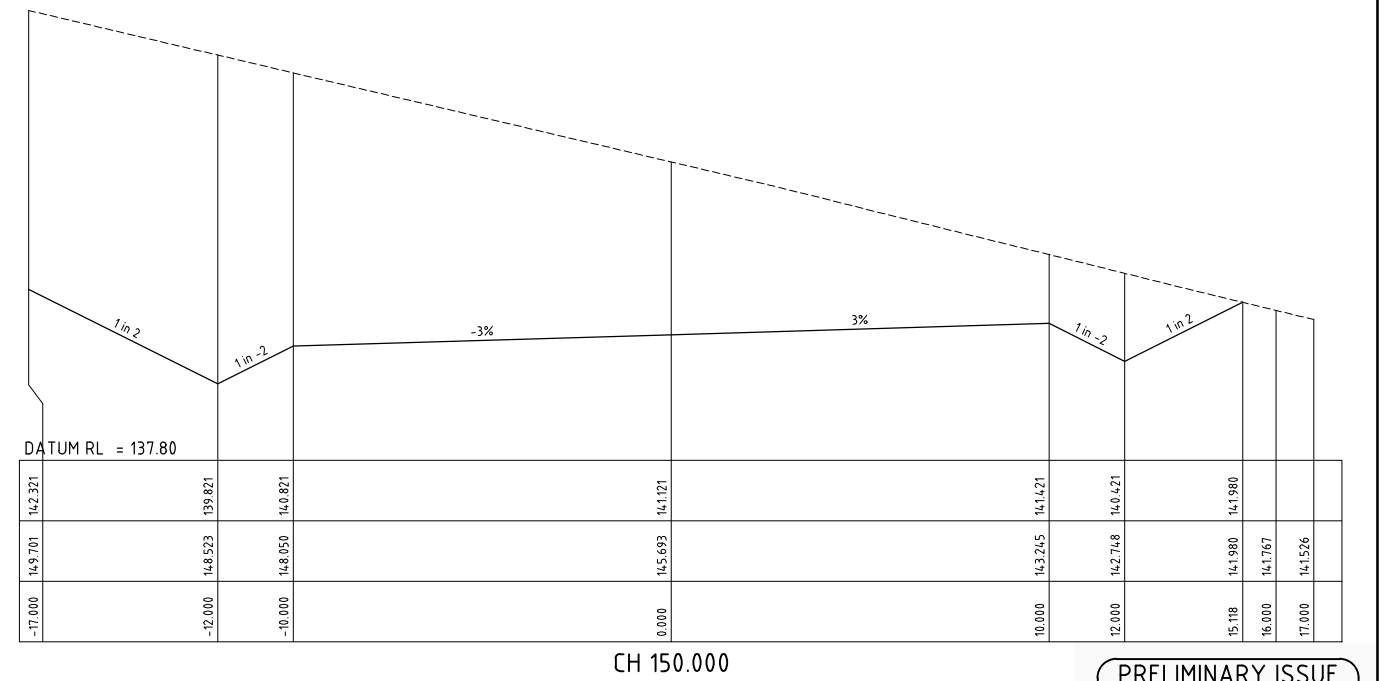
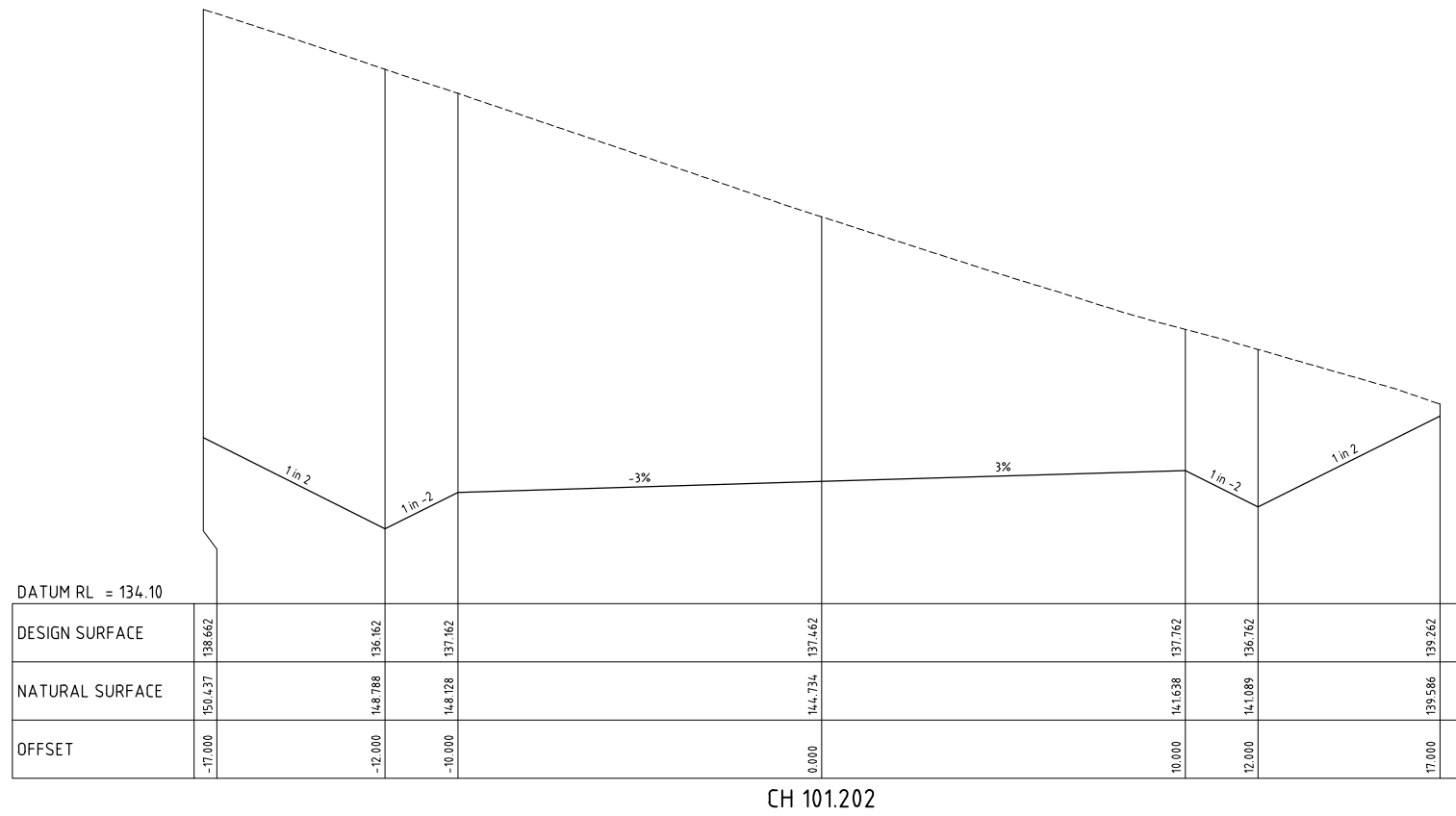
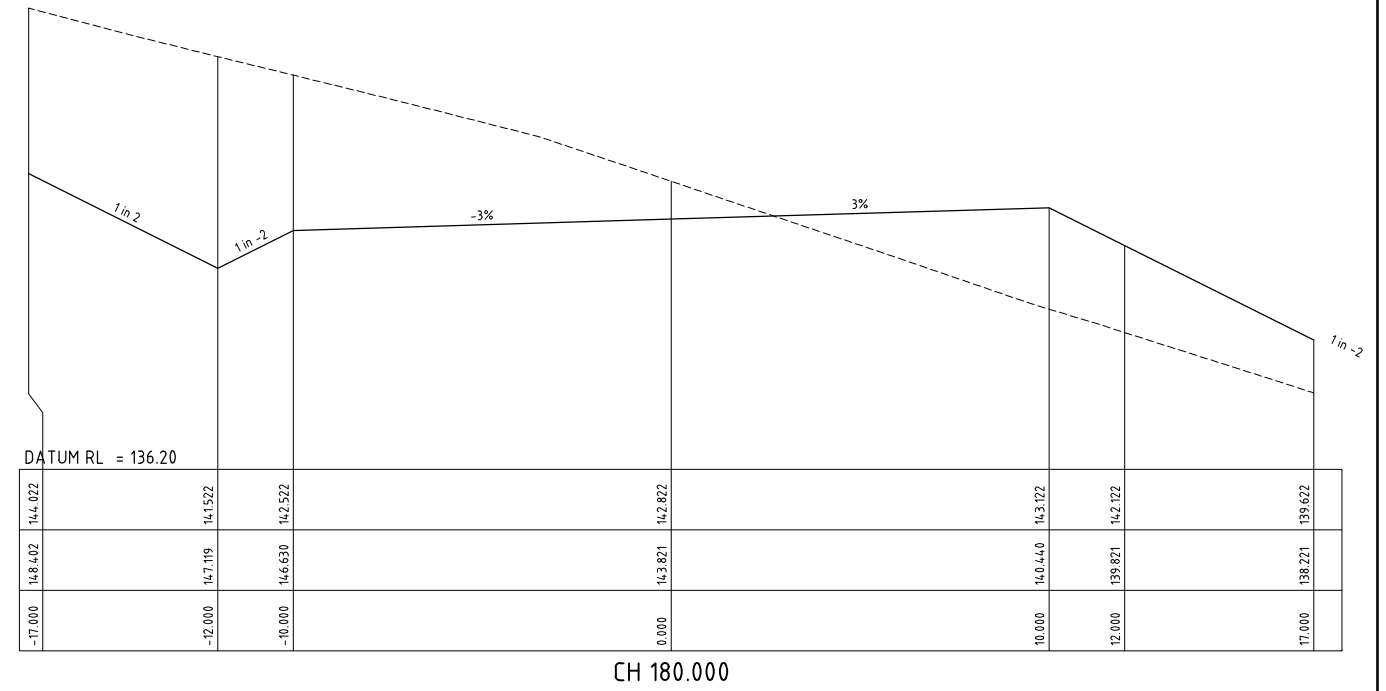
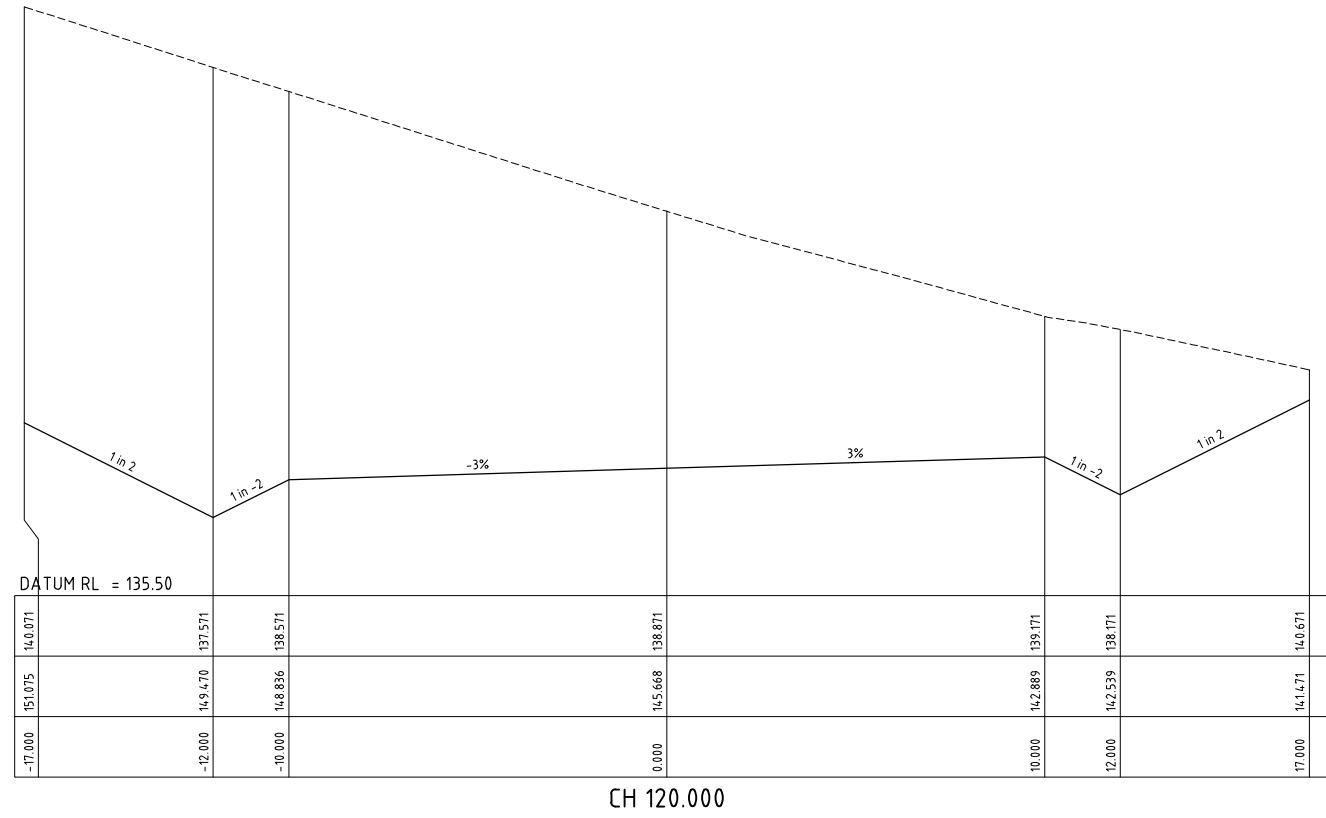
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Cad Reference 25090C C23 r5	
Project Approval IAN HILL (B.E) Consulting Civil Engineer	

Client



**PROPOSED HAUL ROAD WORKS
BLUESTONE HARDROCK QUARRY
SPRINGVALE ROAD, ELDERSLIE**
HAUL ROAD 2 LONGITUDINAL SECTION SHEET 3 OF 3

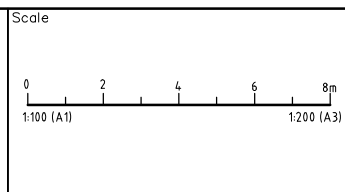
Project No 25090C
Drawing No C23
Revision 5
A1 SHEET



PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

REVISION	Description	Drawn	App'd	Date
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5	DRAWING NUMBER CHANGE	AM	I.H	03.07.25
4	CLIENT COMMENTS	AM	I.H	30.06.25
3	GENERAL AMENDMENTS	AM	I.H	26.06.25
2	GENERAL AMENDMENTS	AM	I.H	12.06.25
1	ORIGINAL ISSUE	DB	I.H	04.06.25

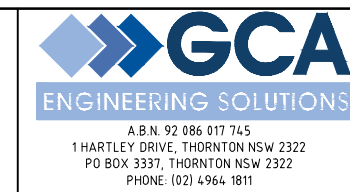
North



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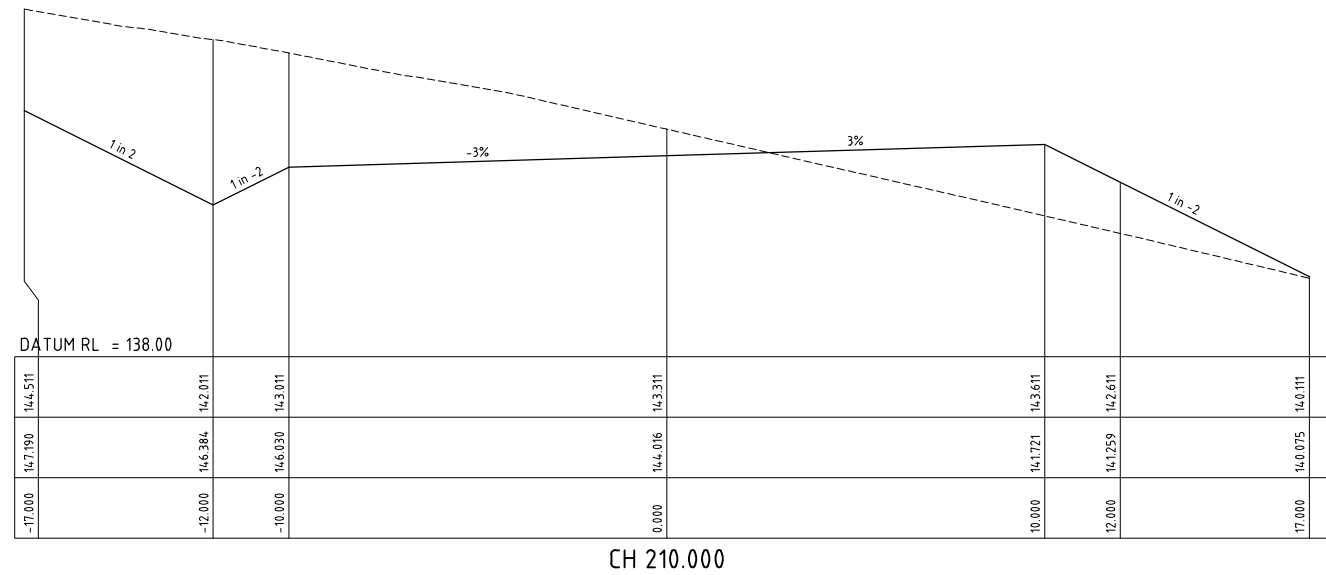
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Scale
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Cad Reference
25090C C24 r7
Project Approval
IAN HILL (B.E)
Consulting Civil Engineer

Client

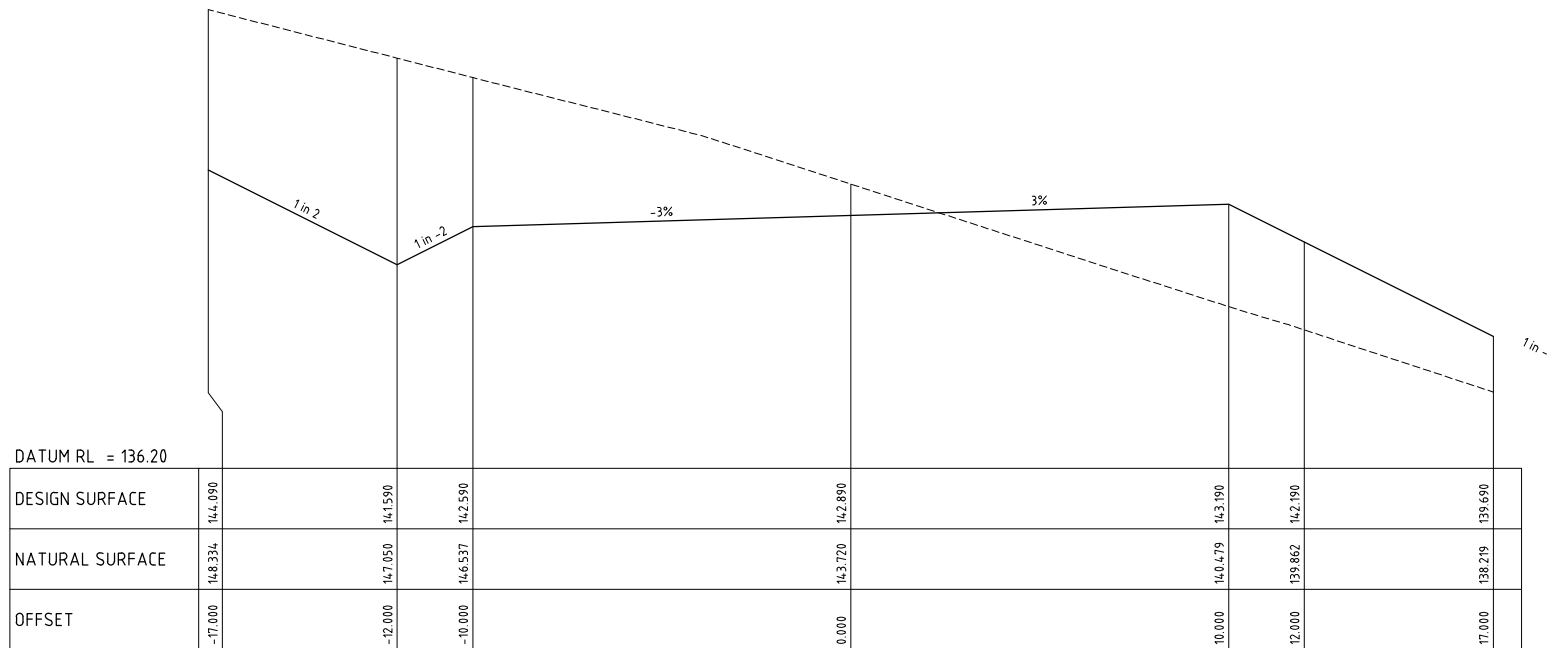


**PROPOSED HAUL ROAD WORKS
BLUESTONE HARDROCK QUARRY
SPRINGVALE ROAD, ELDERSLIE**
HAUL ROAD 2 CROSS SECTIONS SHEET 3 OF 21

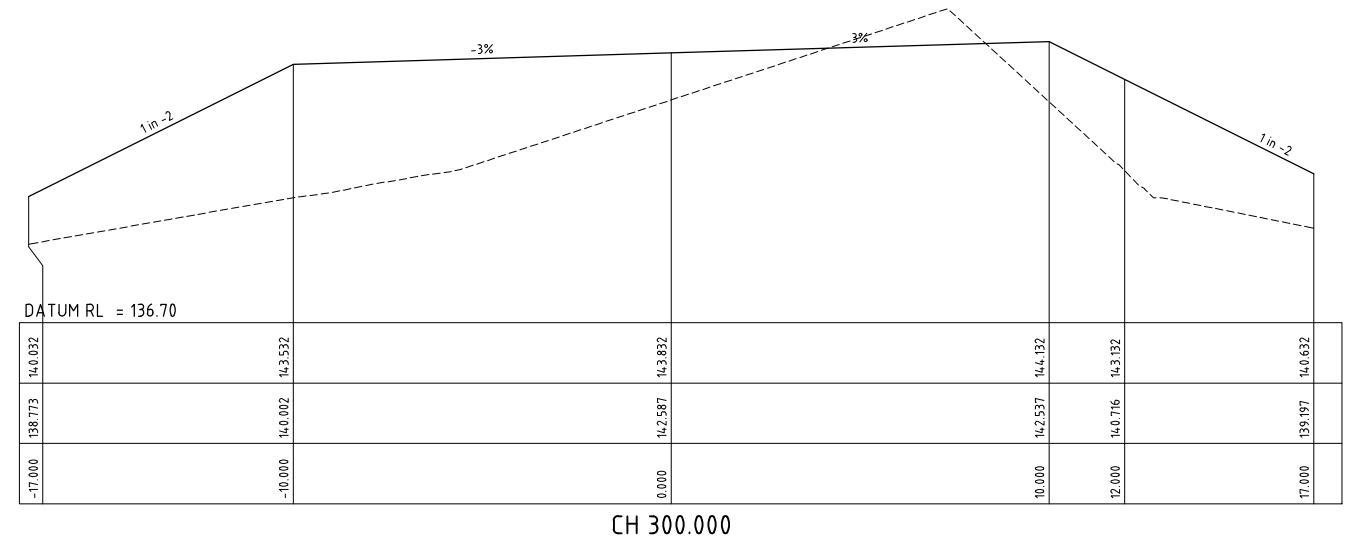
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Drawing No	C24	Revision 7
A1 SHEET		



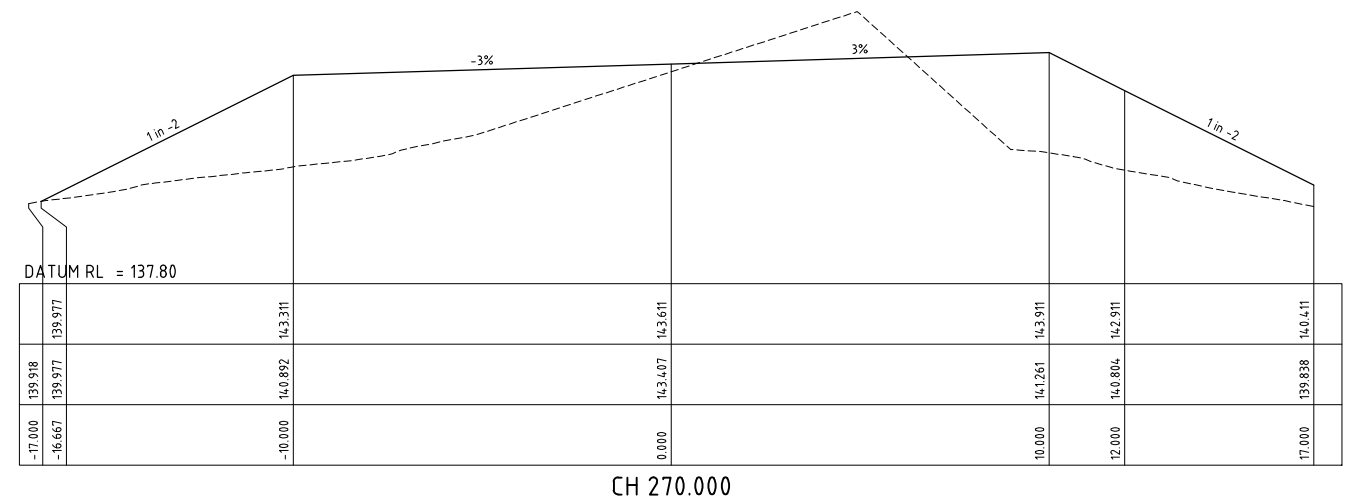
CH 210.000



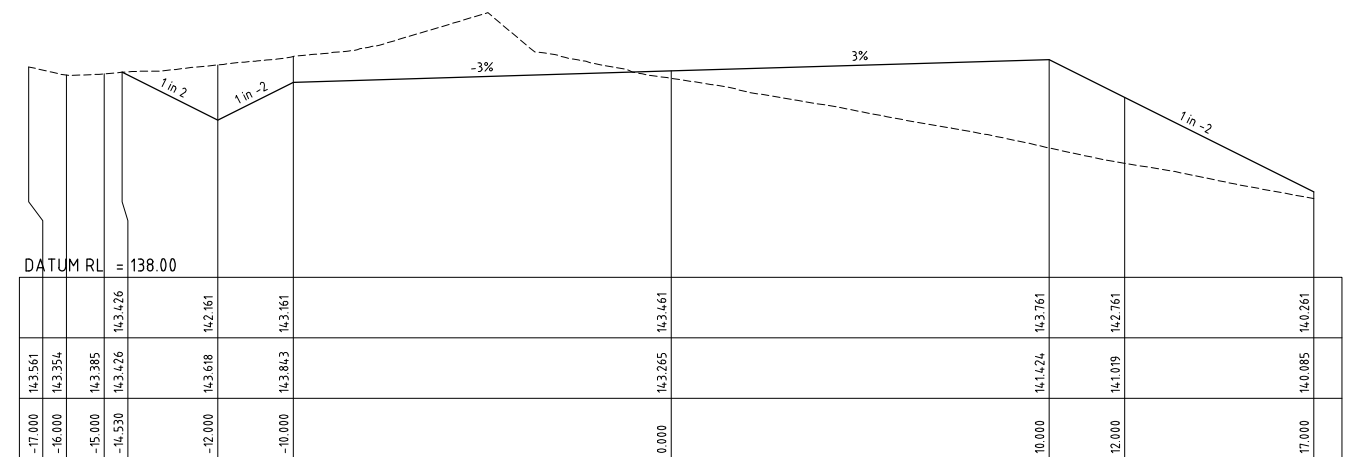
CH 181.966



CH 300.000



CH 270.000



CH 240.000

PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

REVISION	Description	Drawn	App'd	Date
7	CLIENT COMMENTS	AM	I.H.	21.07.25
5	DRAWING NUMBER CHANGE	AM	I.H.	03.07.25
4	CLIENT COMMENTS	AM	I.H.	30.06.25
3	GENERAL AMENDMENTS	AM	I.H.	26.06.25
2	GENERAL AMENDMENTS	AM	I.H.	12.06.25
1	ORIGINAL ISSUE	DB	I.H.	04.06.25

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

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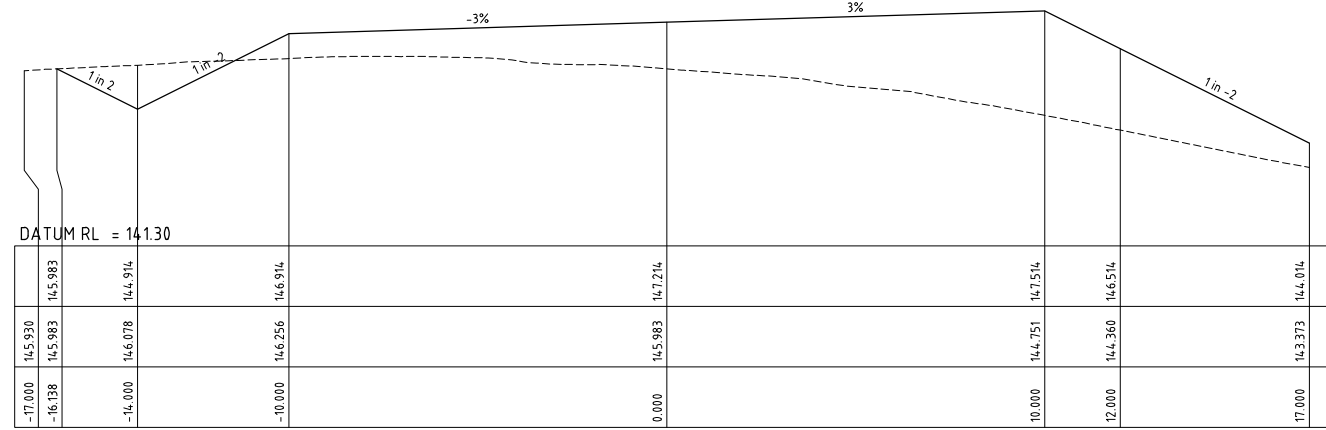
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Cad Reference 25090C C25 r7	
Project Approval IAN HILL (B.E) Consulting Civil Engineer	

Client

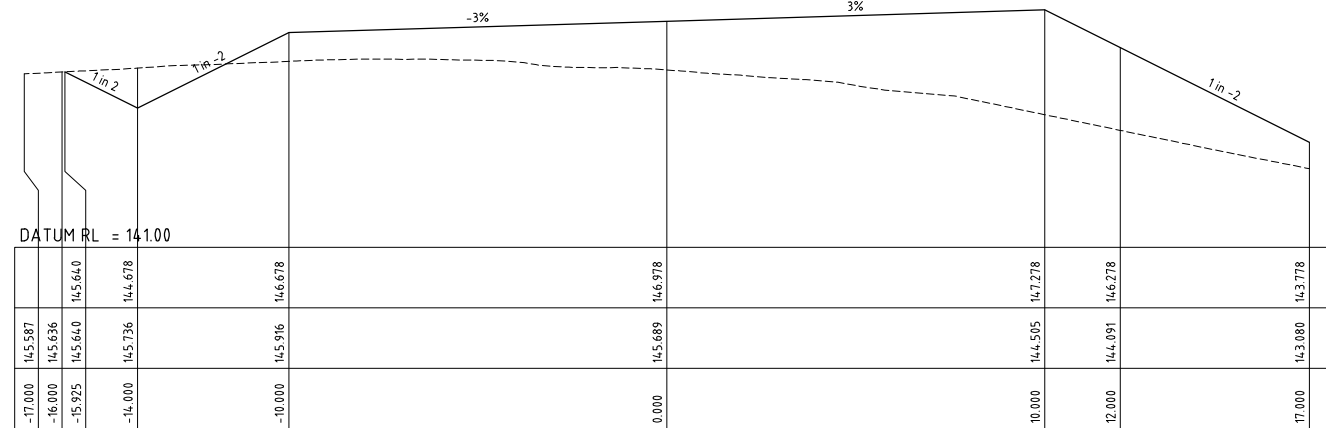


**PROPOSED HAUL ROAD WORKS
BLUESTONE HARDROCK QUARRY
SPRINGVALE ROAD, ELDERSLIE**
HAUL ROAD 2 CROSS SECTIONS SHEET 4 OF 21

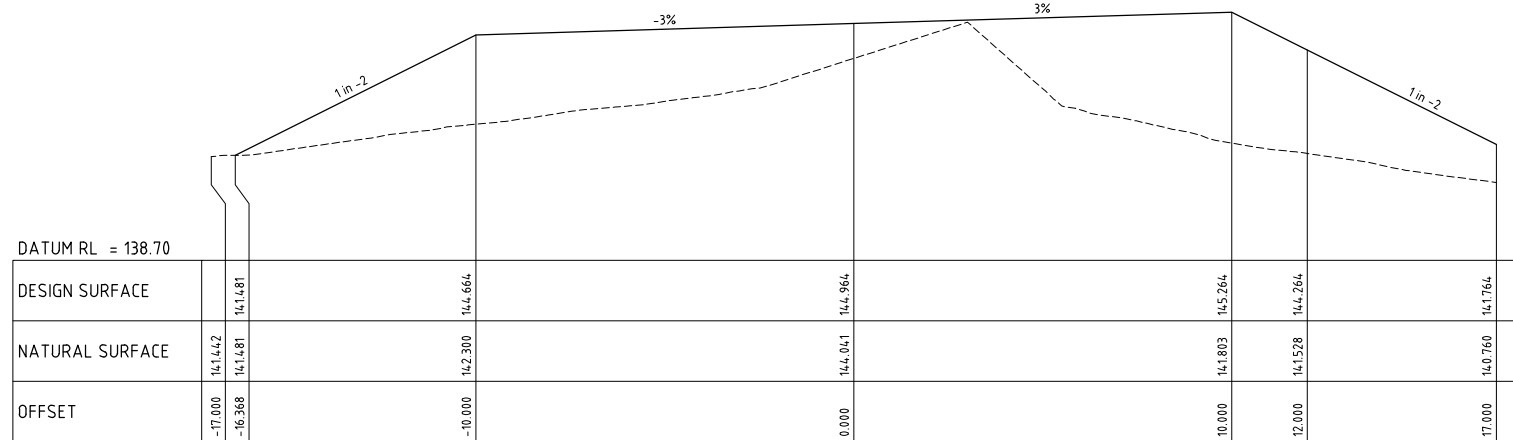
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Drawing No	C25
Revision	7
A1 SHEET	



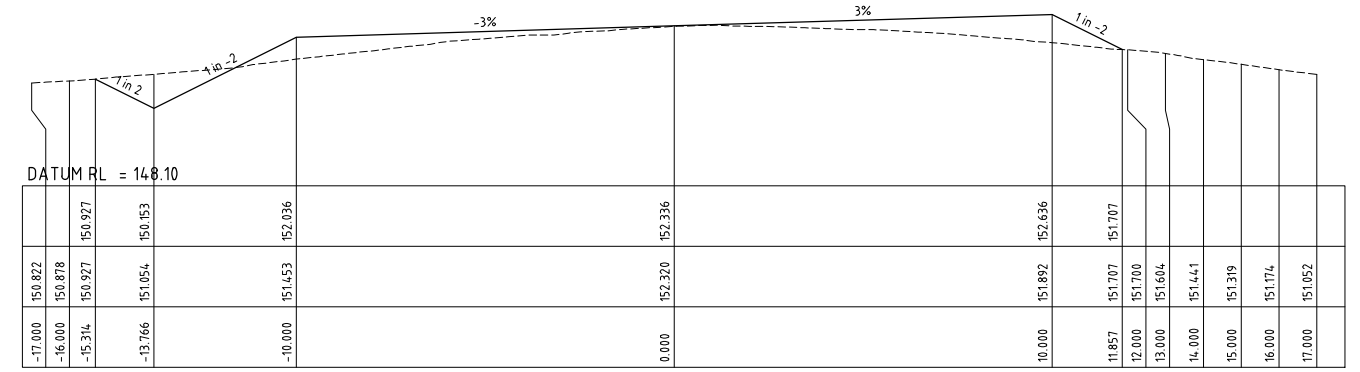
CH 363.423



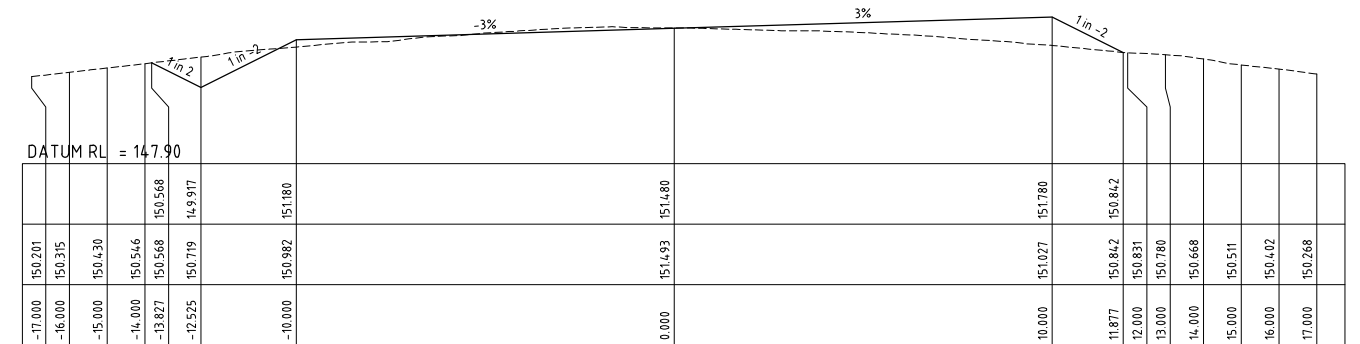
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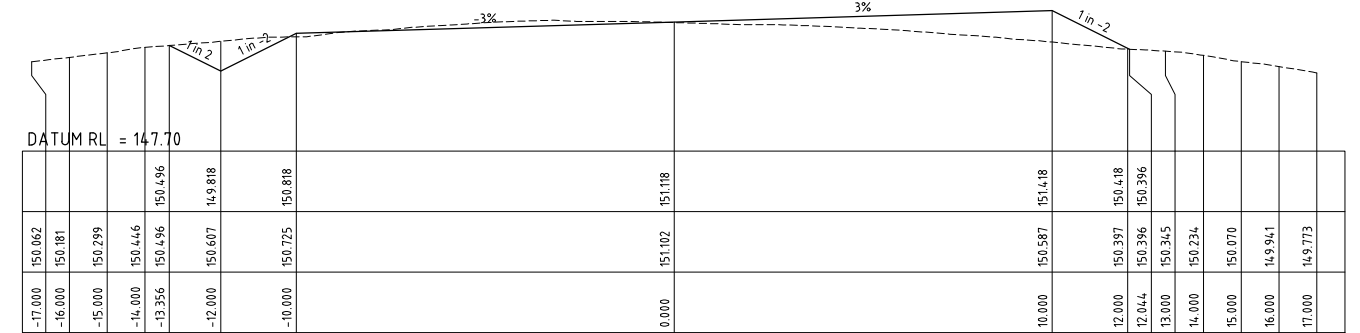
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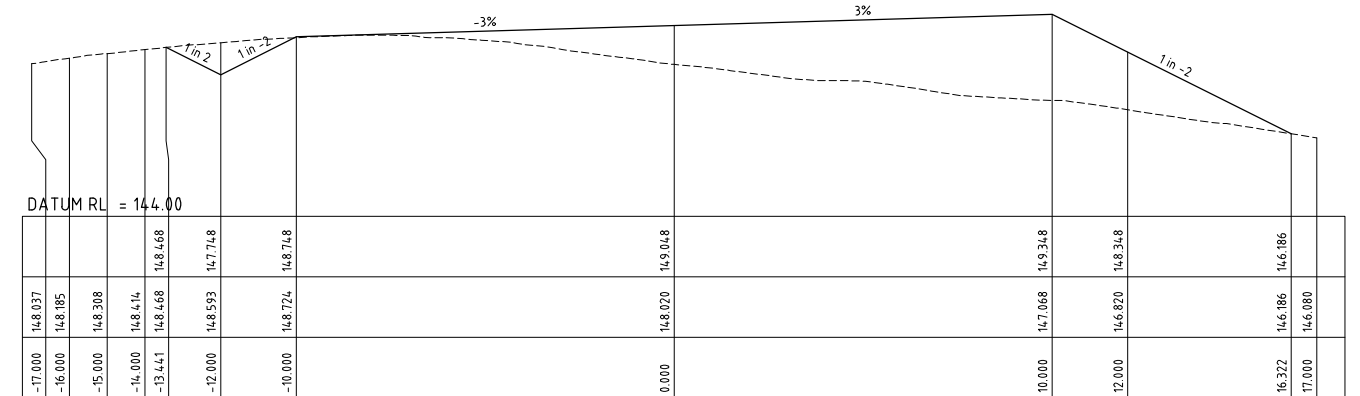
CH 437.658



CH 425.255



CH 420.000

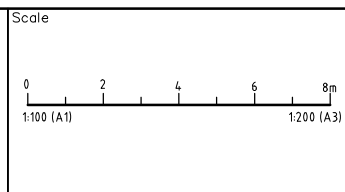


CH 390.000

PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

REVISION	Description	Drawn	App'd	Date	
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5	DRAWING NUMBER CHANGE		A.M	I.H	03.07.25
4	CLIENT COMMENTS		A.M	I.H	30.06.25
3	GENERAL AMENDMENTS		A.M	I.H	26.06.25
2	GENERAL AMENDMENTS		A.M	I.H	12.06.25
1	ORIGINAL ISSUE		DB	I.H	04.06.25

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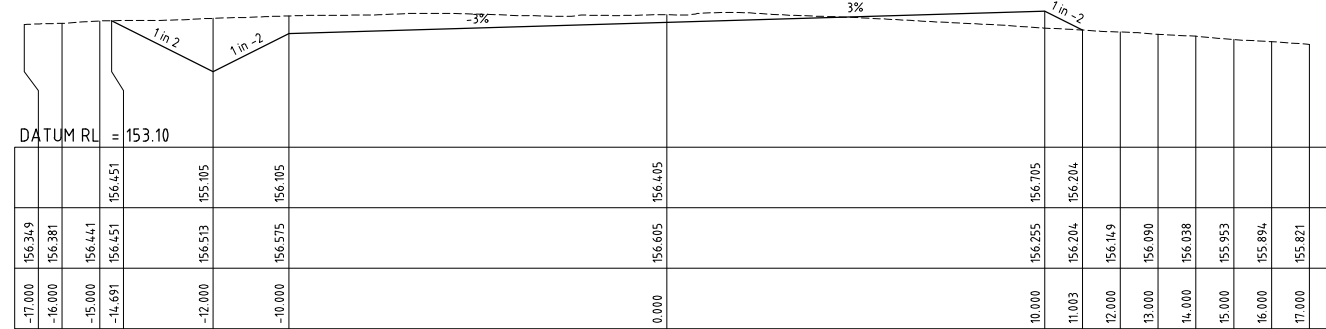
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Scale 1:100
Cad Reference 25090C C26 r7
Project Approval IAN HILL (B.E)
Consulting Civil Engineer

Client

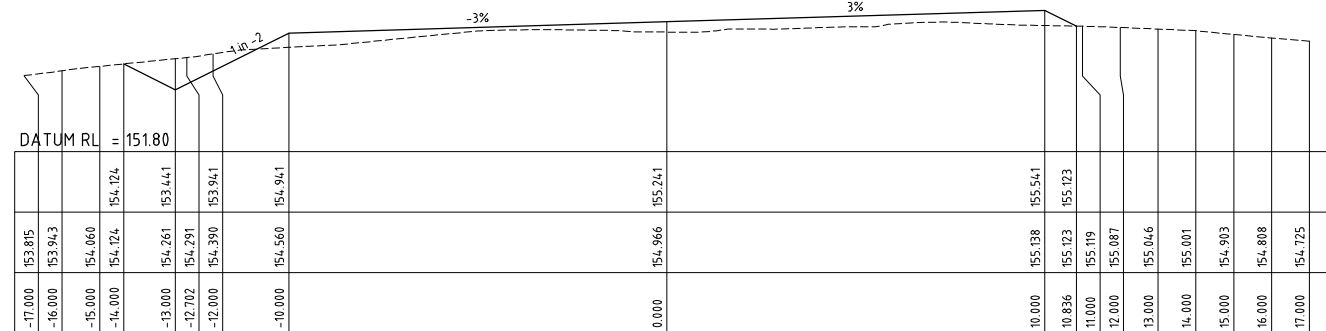


PROPOSED HAUL ROAD WORKS
BLUESTONE HARDROCK QUARRY
SPRINGVALE ROAD, ELDERSLIE
HAUL ROAD 2 CROSS SECTIONS SHEET 5 OF 21

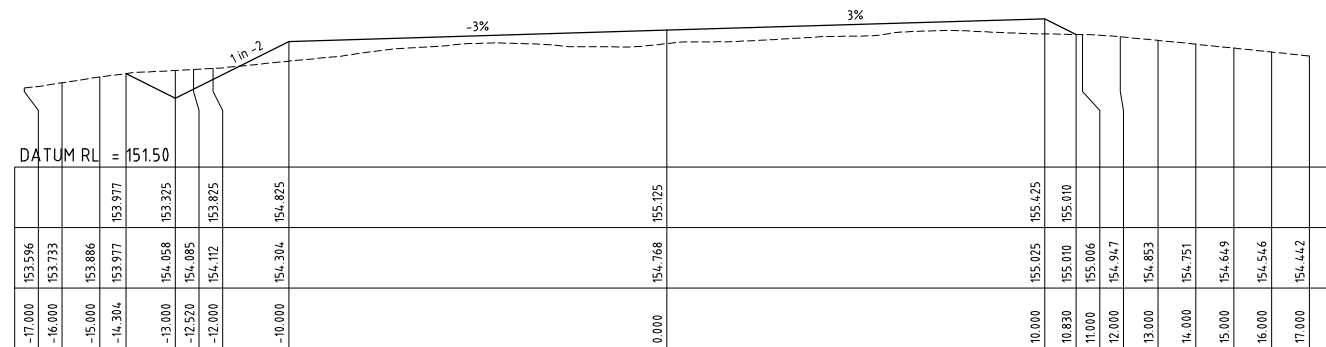
Project No	25090C
Drawing No	C26
Revision	7
A1 SHEET	



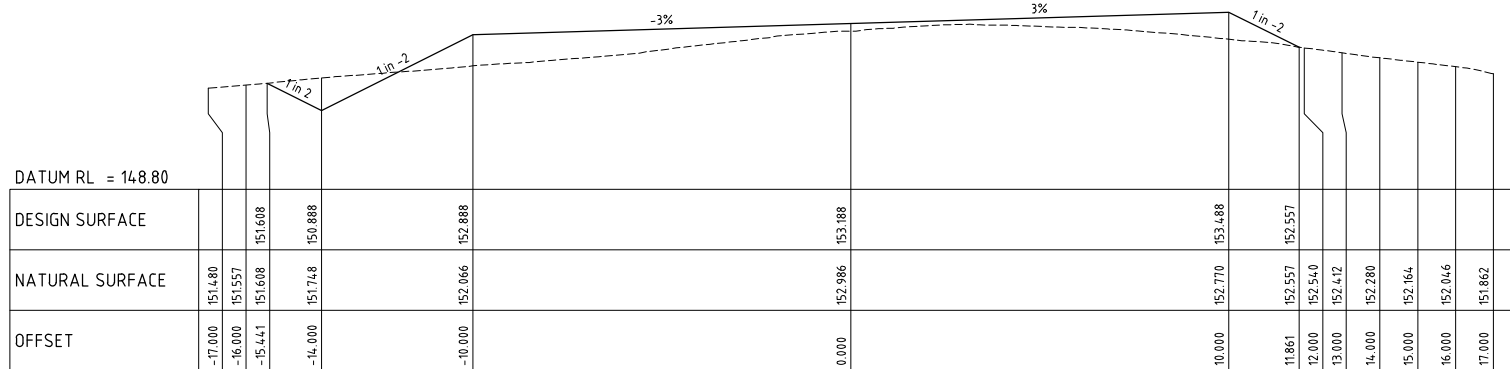
CH 510.000



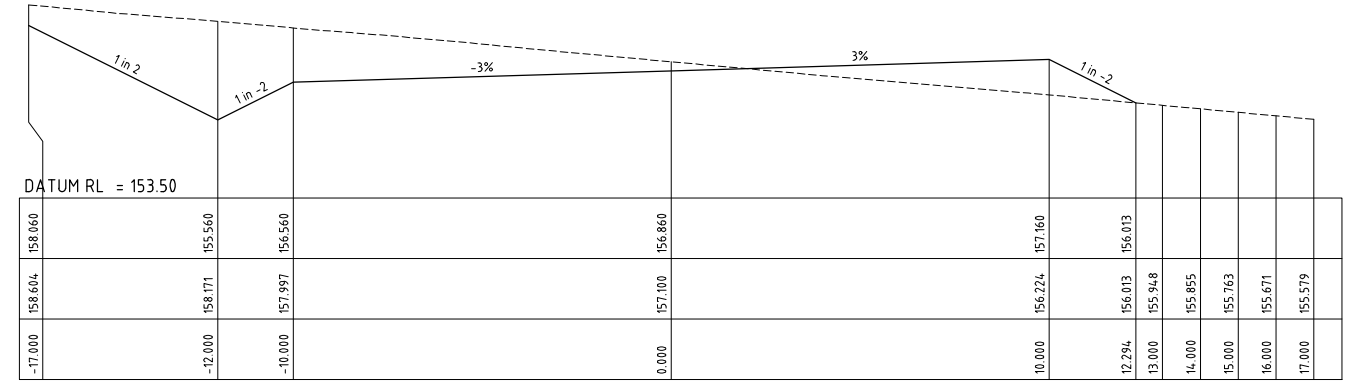
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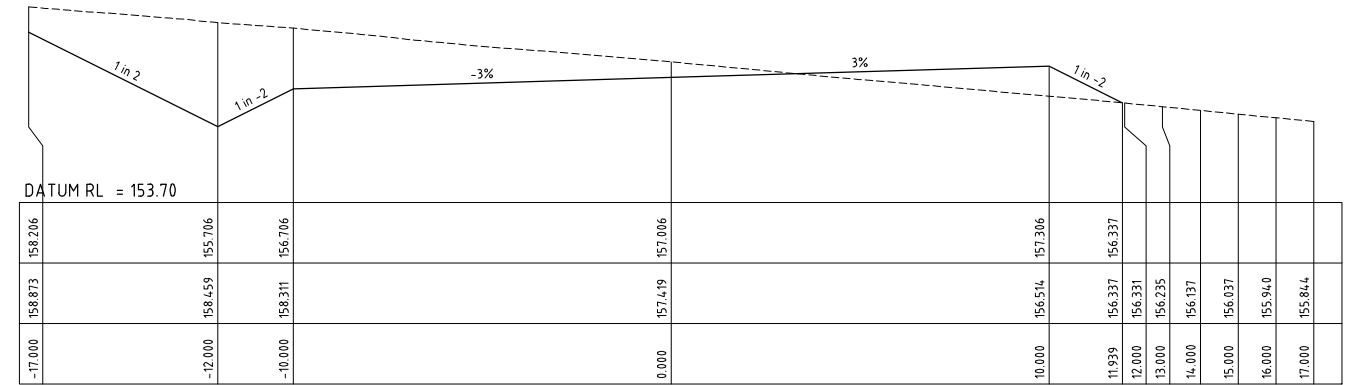
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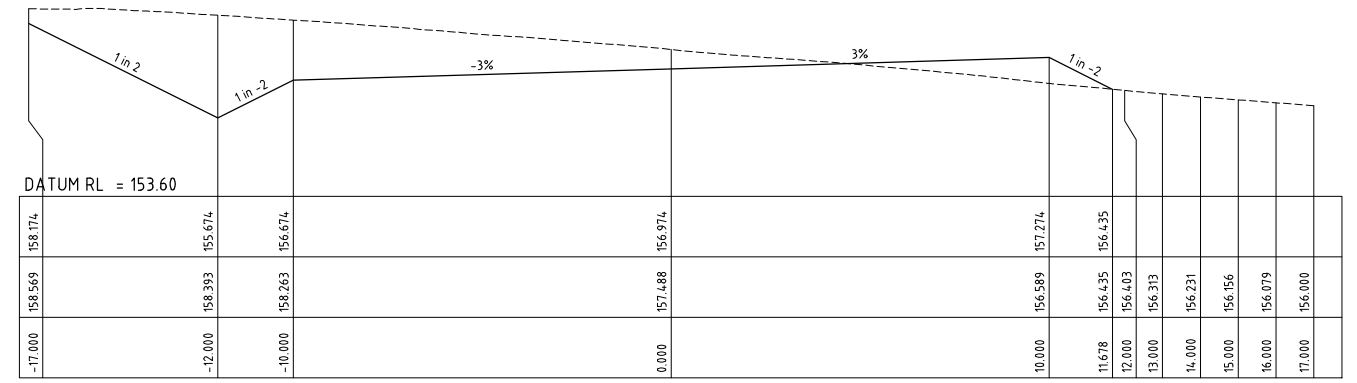
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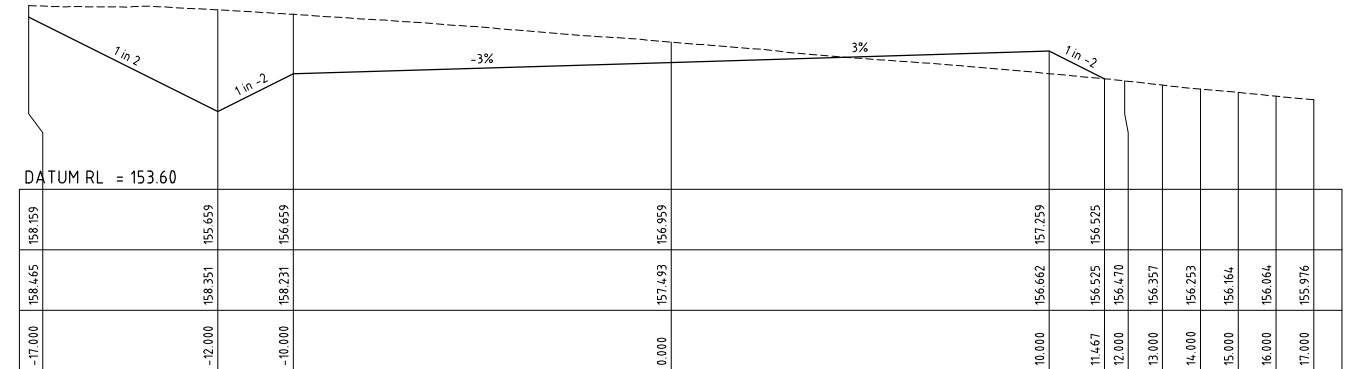
CH 570.000



CH 549.016



CH 540.000



CH 538.015

PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

REVISION	Description	Drawn	App'd	Date	
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5	DRAWING NUMBER CHANGE		A.M	I.H	03.07.25
4	CLIENT COMMENTS		A.M	I.H	30.06.25
3	GENERAL AMENDMENTS		A.M	I.H	26.06.25
2	GENERAL AMENDMENTS		A.M	I.H	12.06.25
1	ORIGINAL ISSUE		DB	I.H	04.06.25

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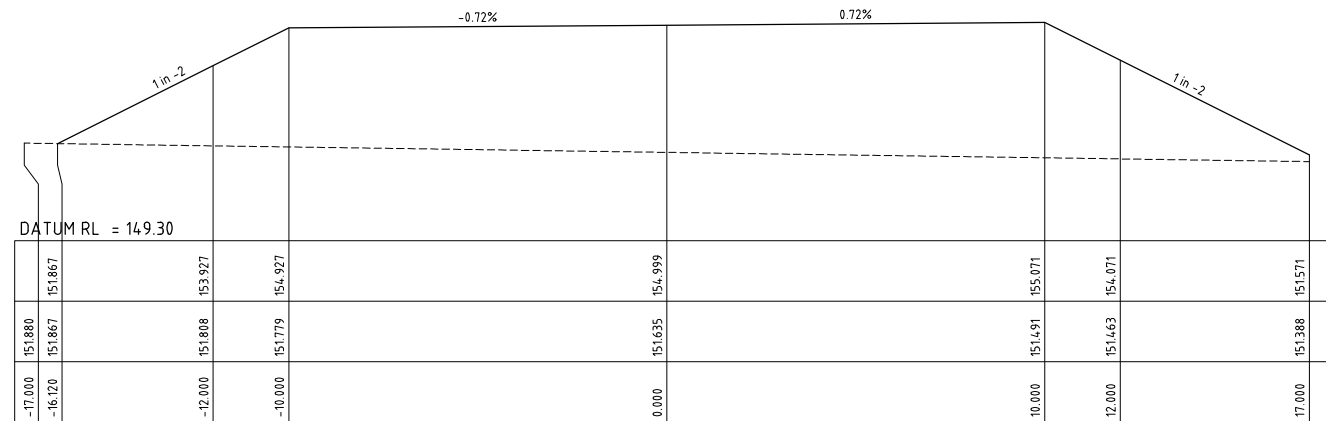
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Cad Reference	
25090C C27 r7	
Project Approval	
IAN HILL (B.E)	
Consulting Civil Engineer	

Client

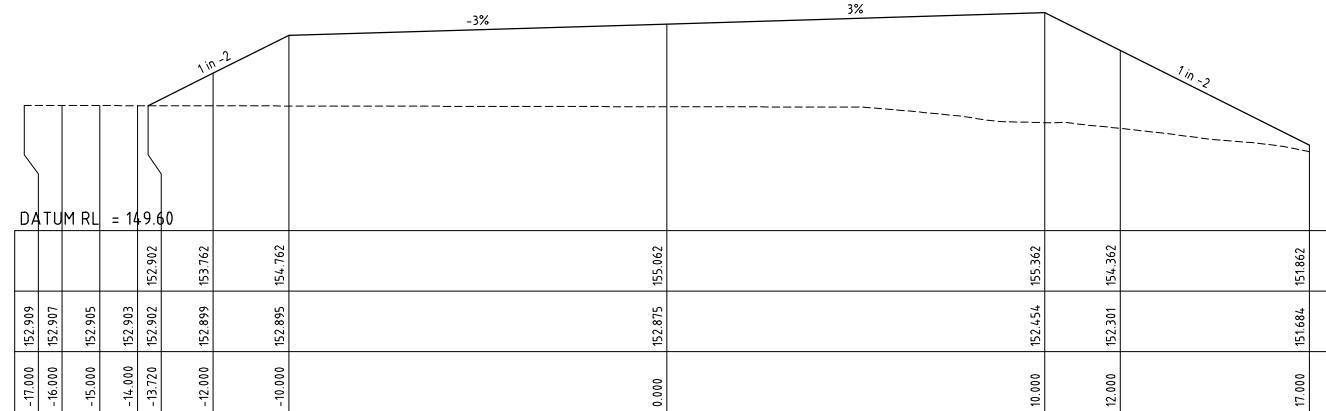


PROPOSED HAUL ROAD WORKS
BLUESTONE HARDROCK QUARRY
SPRINGVALE ROAD, ELDERSLIE
HAUL ROAD 2 CROSS SECTIONS SHEET 6 OF 21

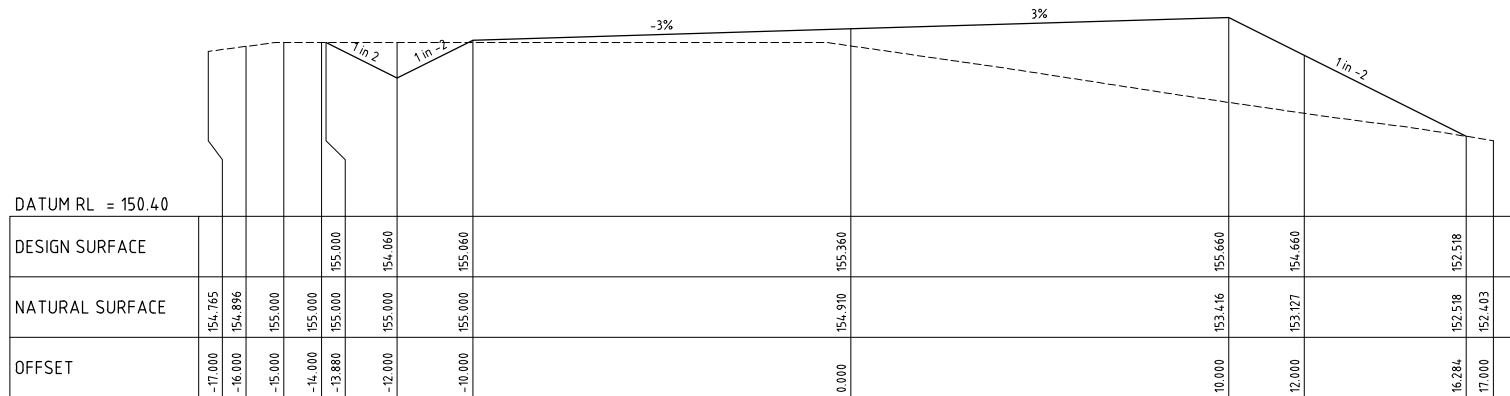
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Drawing No	C27
Revision	7
A1 SHEET	



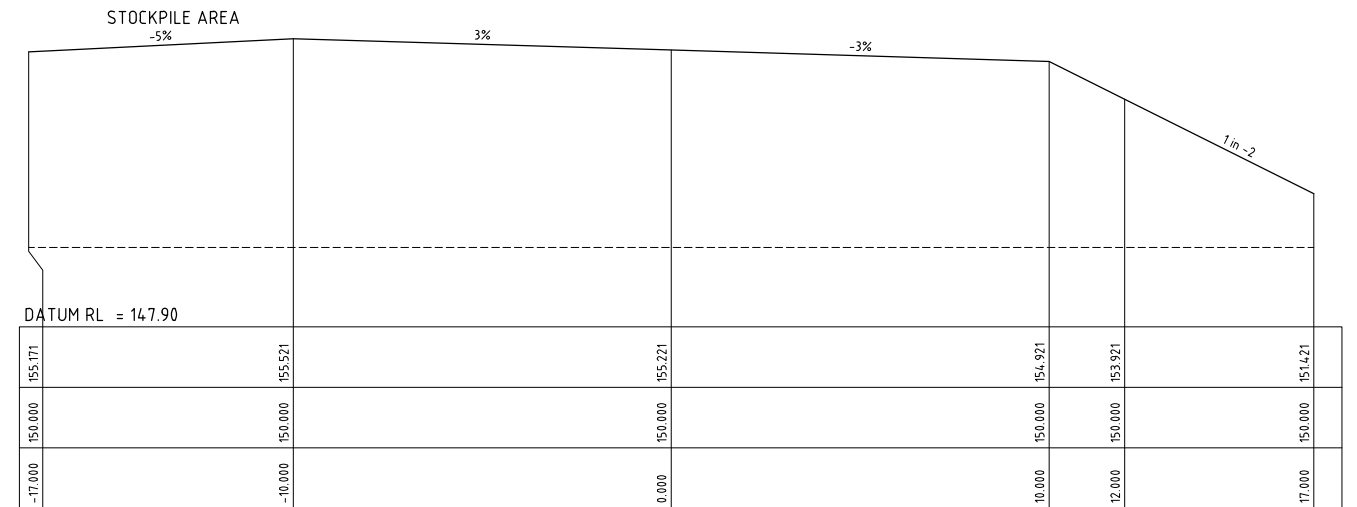
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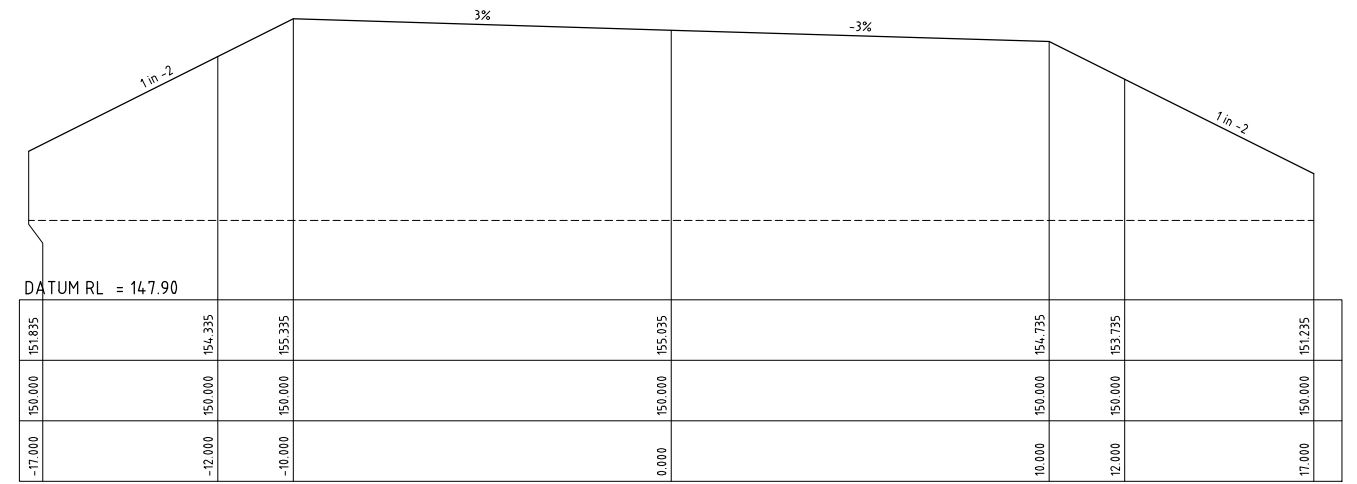
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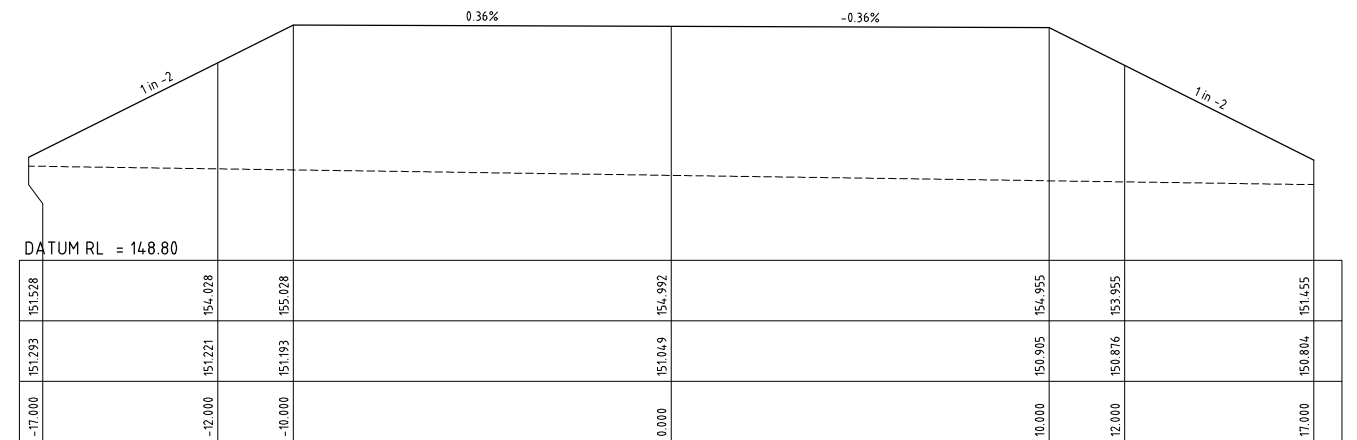
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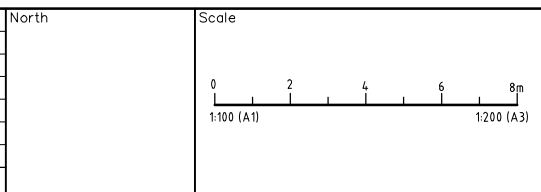
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CH 766.817

PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

REVISION	Description	Drawn	App'd	Date
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5	DRAWING NUMBER CHANGE	AM	I.H.	03.07.25
4	CLIENT COMMENTS	AM	I.H.	30.06.25
3	GENERAL AMENDMENTS	AM	I.H.	26.06.25
2	GENERAL AMENDMENTS	AM	I.H.	12.06.25
1	ORIGINAL ISSUE	DB	I.H.	04.06.25



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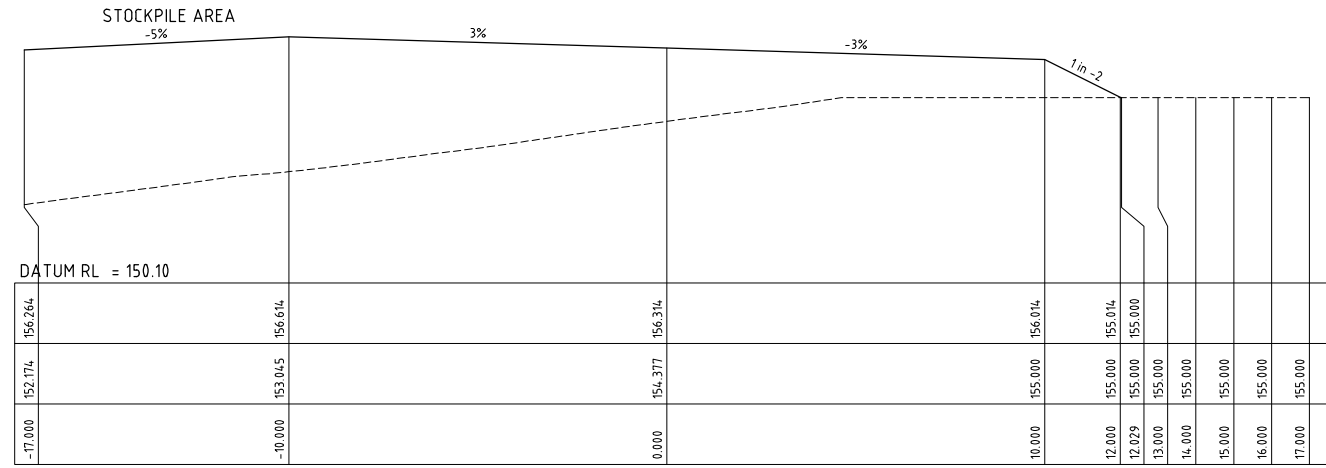
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Cad Reference
25090C C29 r7
Project Approval
IAN HILL (B.E)
Consulting Civil Engineer

Client

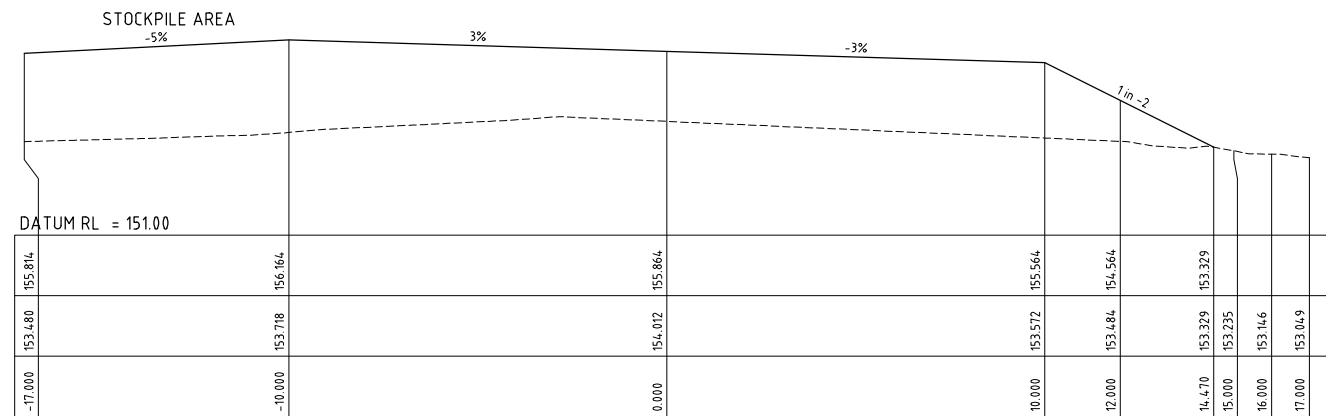


**PROPOSED HAUL ROAD WORKS
BLUESTONE HARDROCK QUARRY
SPRINGVALE ROAD, ELDERSLIE**
HAUL ROAD 2 CROSS SECTIONS SHEET 8 OF 21

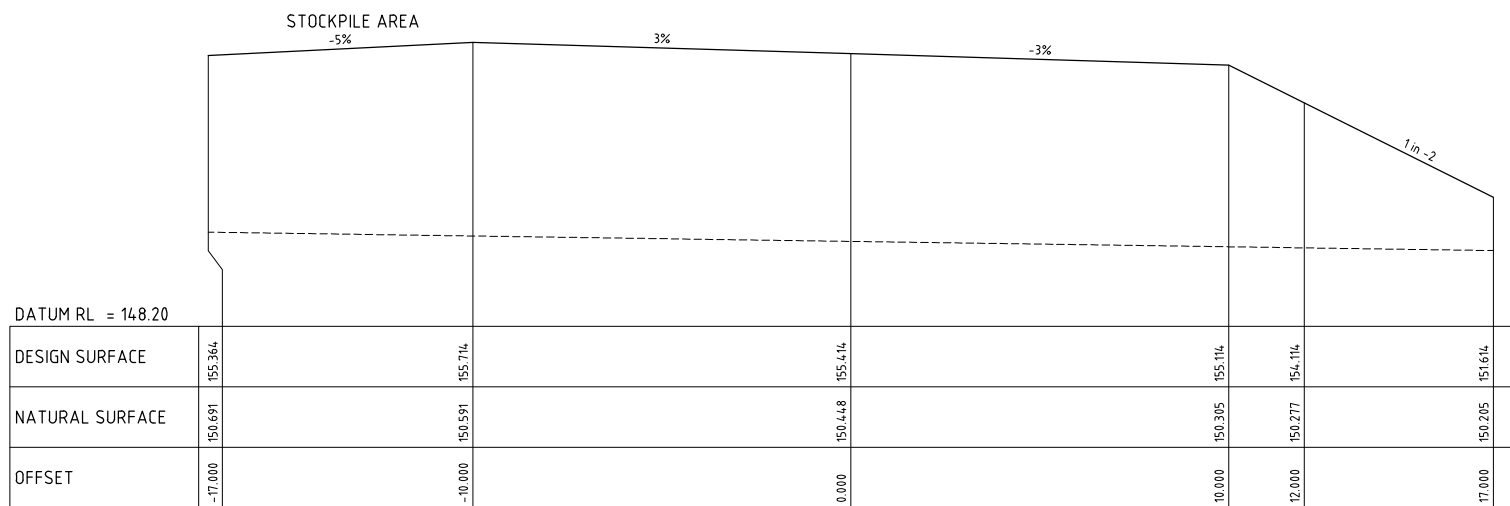
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Drawing No C29	Revision 7
A1 SHEET	



CH 870.000

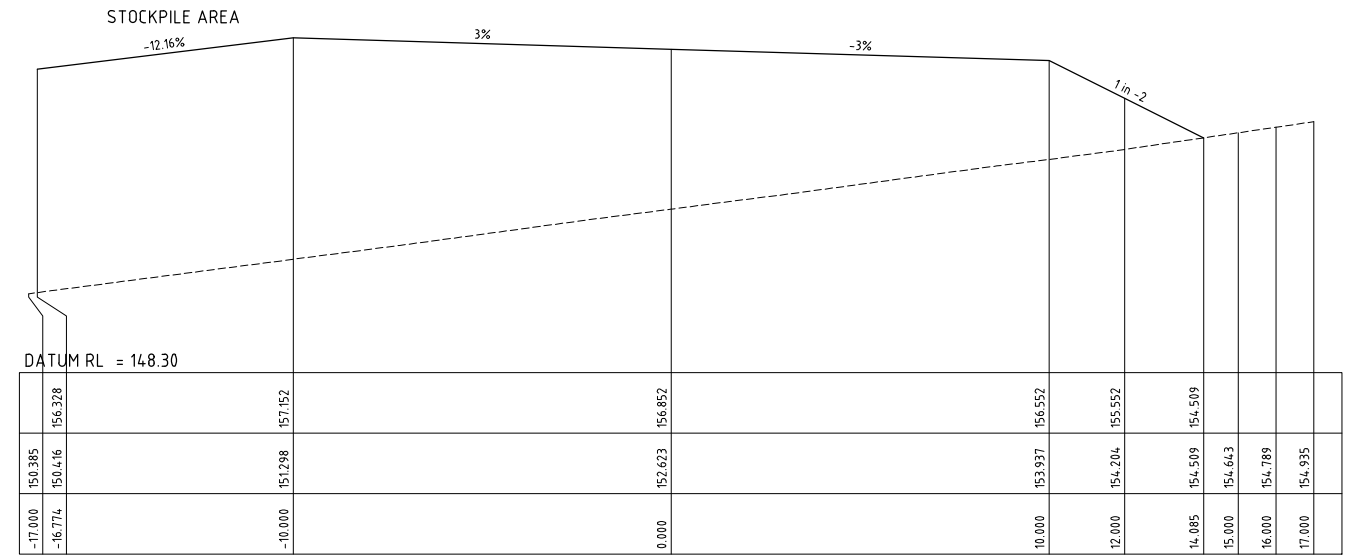


CH 840.000

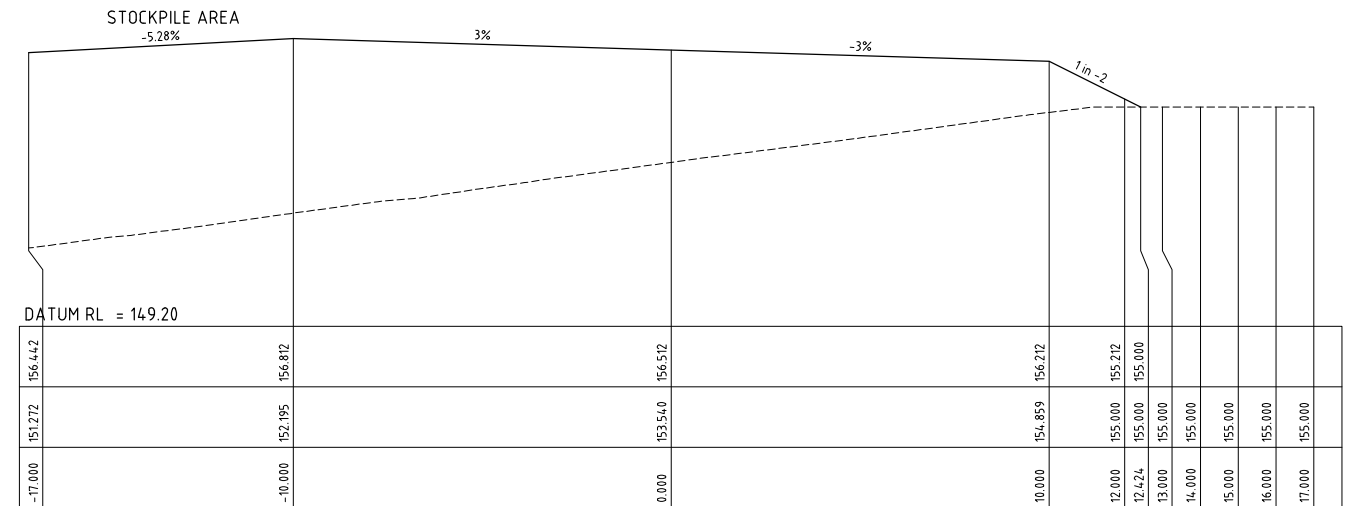


CH 810.000

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17.000	151.614	150.205	



CH 900.000

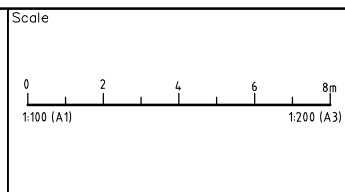


CH 883.162

PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

REVISION	Description	Drawn	App'd	Date
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5	DRAWING NUMBER CHANGE	AM	I.H.	03.07.25
4	CLIENT COMMENTS	AM	I.H.	30.06.25
3	GENERAL AMENDMENTS	AM	I.H.	26.06.25
2	GENERAL AMENDMENTS	AM	I.H.	12.06.25
1	ORIGINAL ISSUE	DB	I.H.	04.06.25

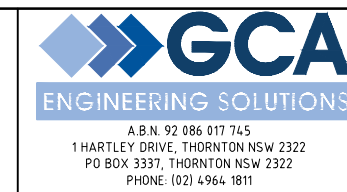
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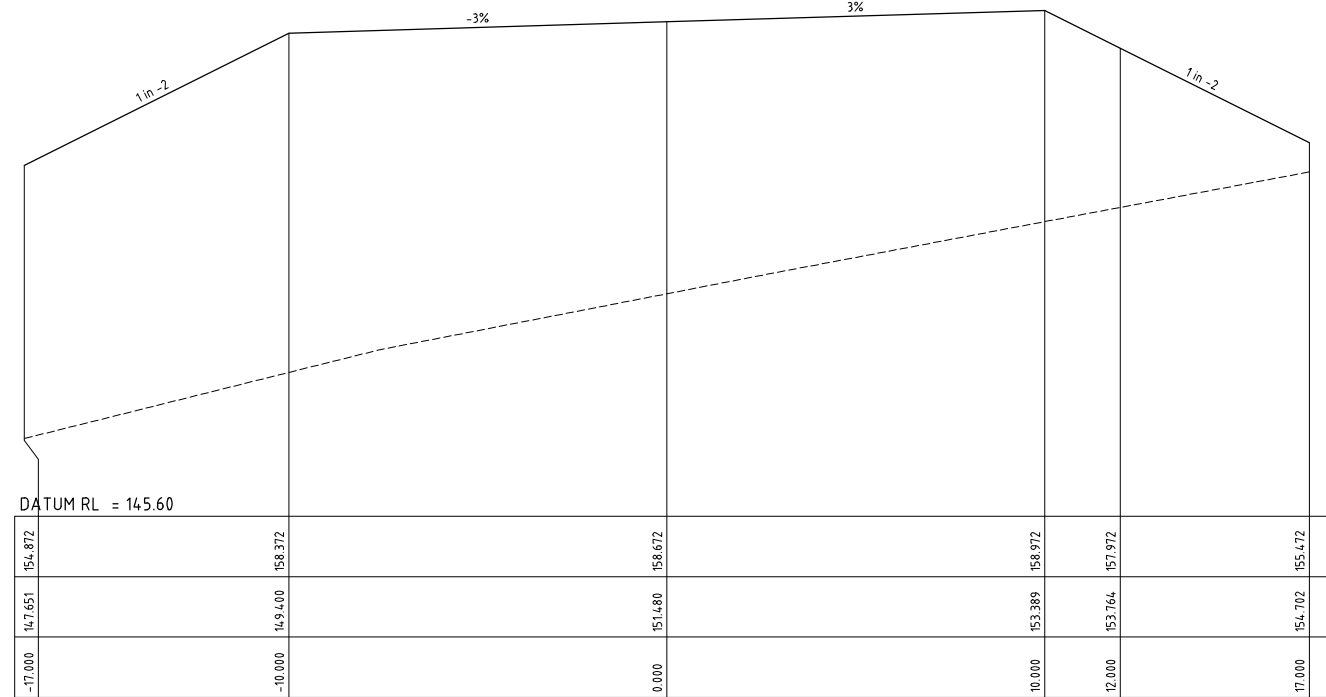
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Cad Reference 25090C C30 r7	
Project Approval IAN HILL (B.E) Consulting Civil Engineer	

Client

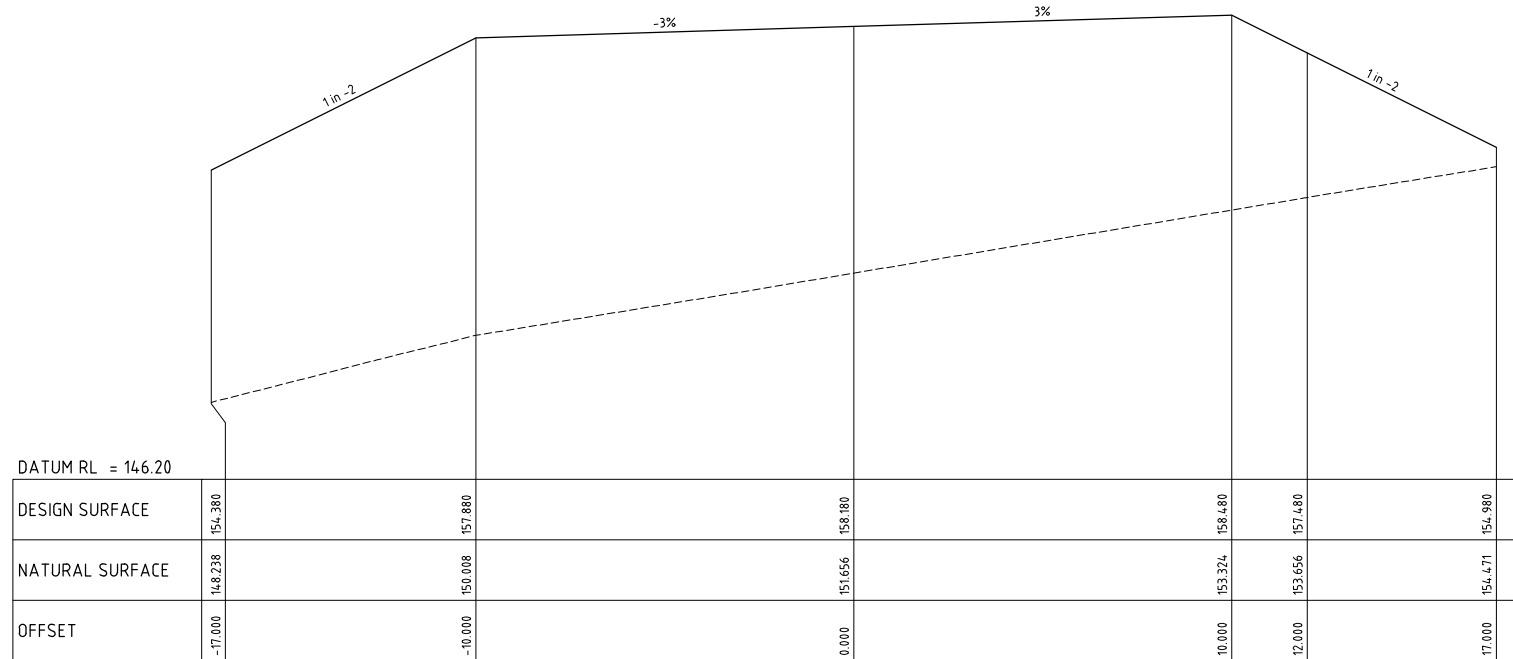


**PROPOSED HAUL ROAD WORKS
BLUESTONE HARDROCK QUARRY
SPRINGVALE ROAD, ELDERSLIE**
HAUL ROAD 2 CROSS SECTIONS SHEET 9 OF 21

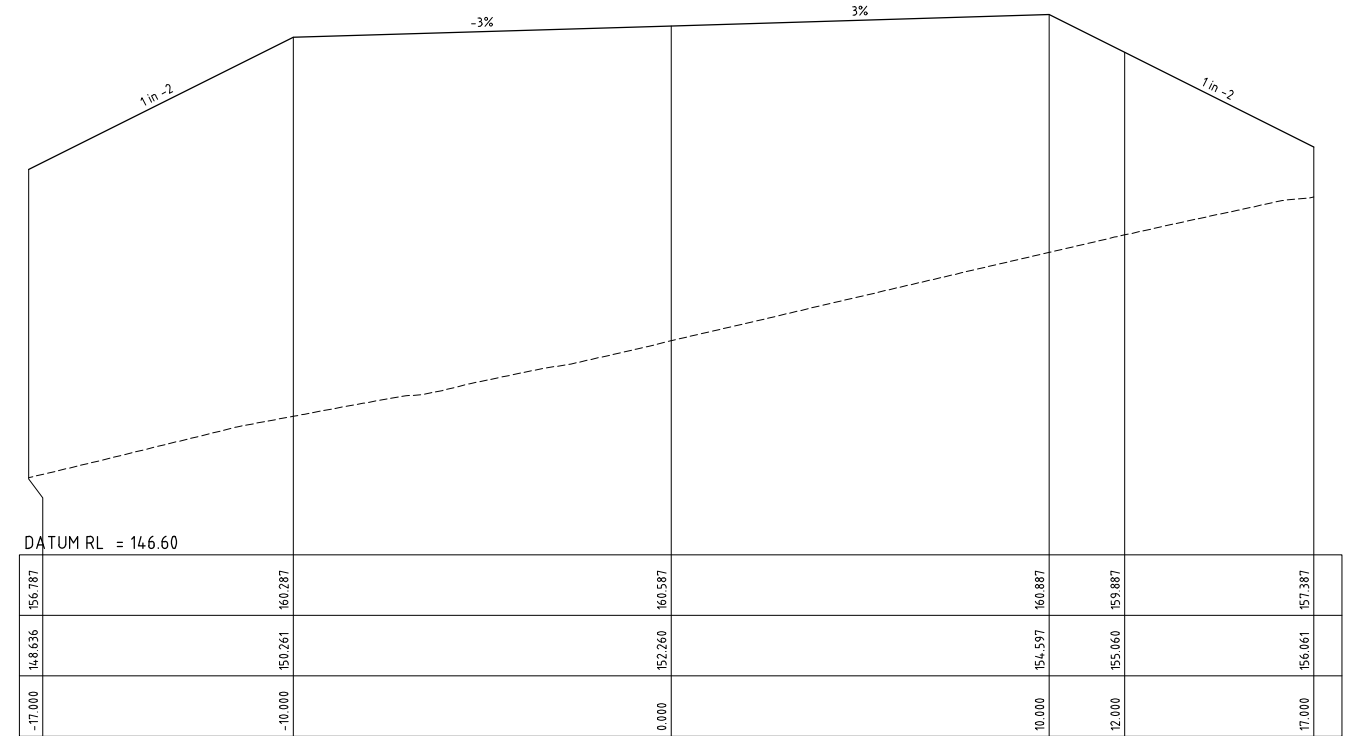
Project No 25090C
Drawing No C30
Revision 7
A1 SHEET



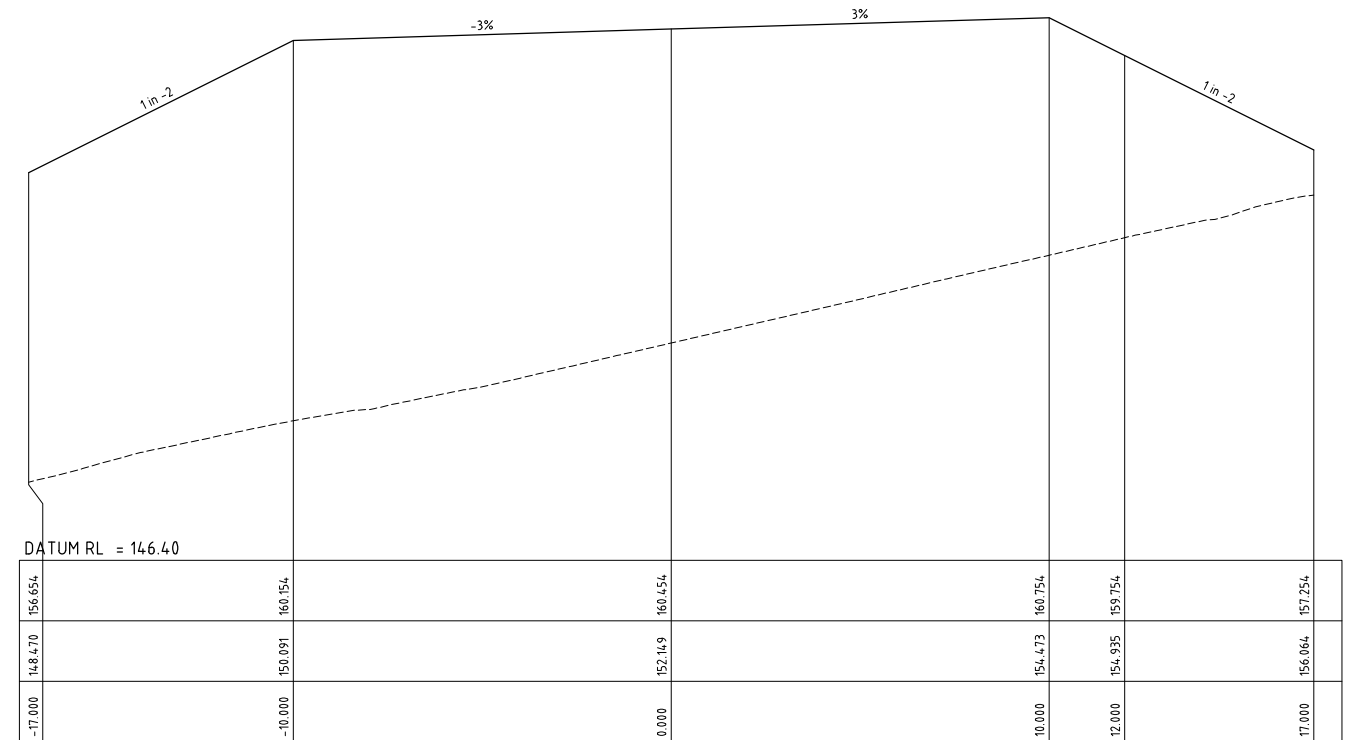
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CH 930.000



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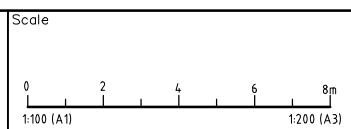


CH 960.000

PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

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5	DRAWING NUMBER CHANGE	AM	I.H.	03.07.25
4	CLIENT COMMENTS	AM	I.H.	30.06.25
3	GENERAL AMENDMENTS	AM	I.H.	26.06.25
2	GENERAL AMENDMENTS	AM	I.H.	12.06.25
1	ORIGINAL ISSUE	DB	I.H.	04.06.25

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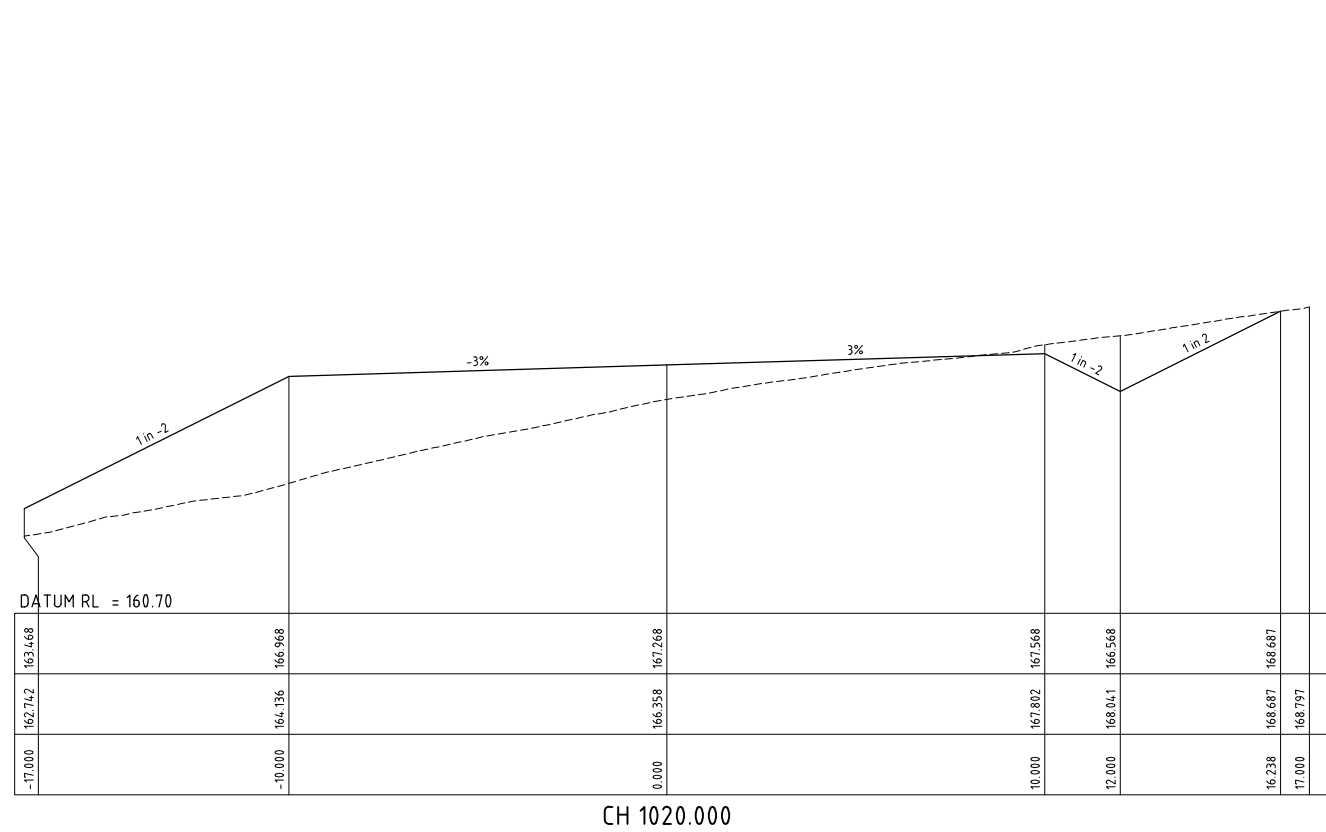
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Cad Reference
25090C C31 r7
Project Approval
IAN HILL (B.E)
Consulting Civil Engineer

Client

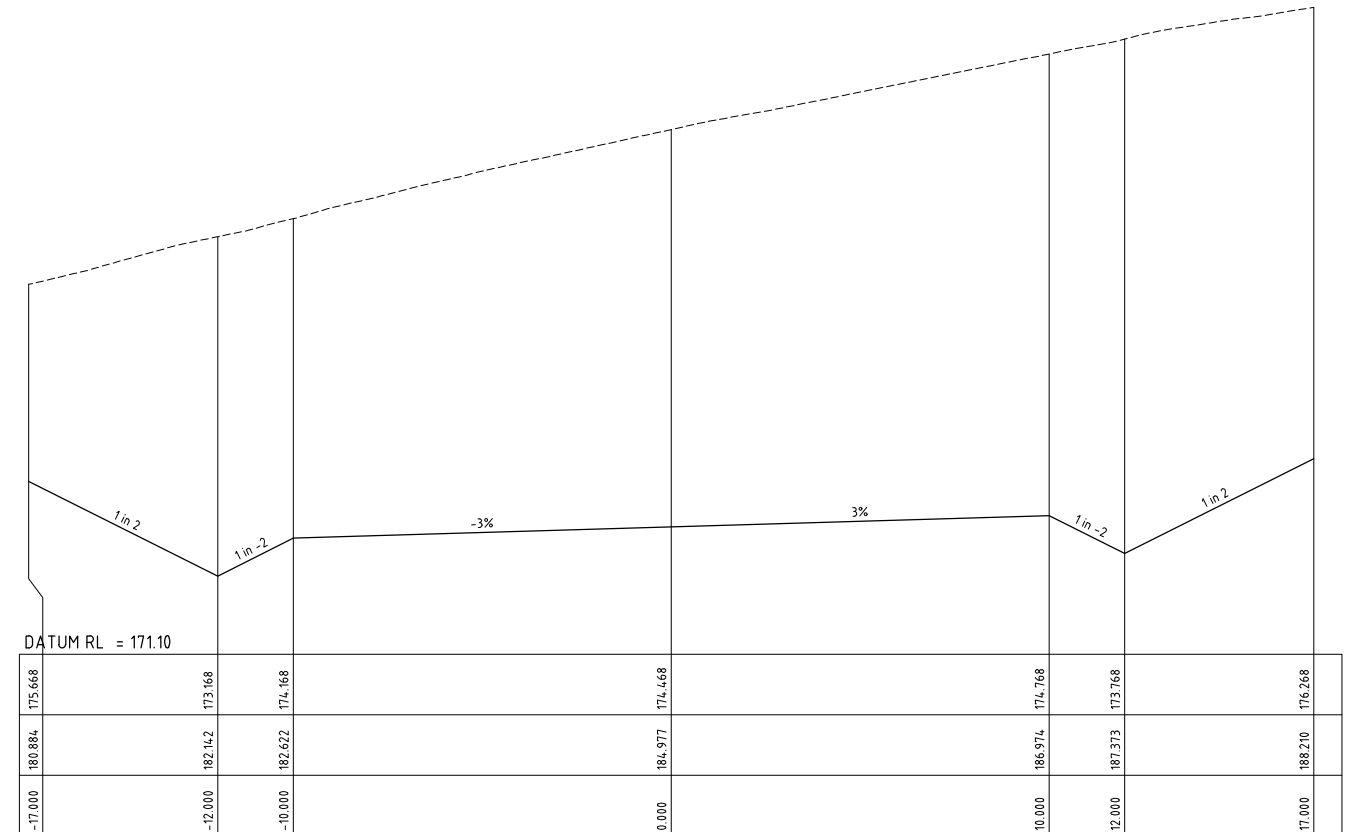


**PROPOSED HAUL ROAD WORKS
BLUESTONE HARDROCK QUARRY
SPRINGVALE ROAD, ELDERSLIE**
HAUL ROAD 2 CROSS SECTIONS SHEET 10 OF 21

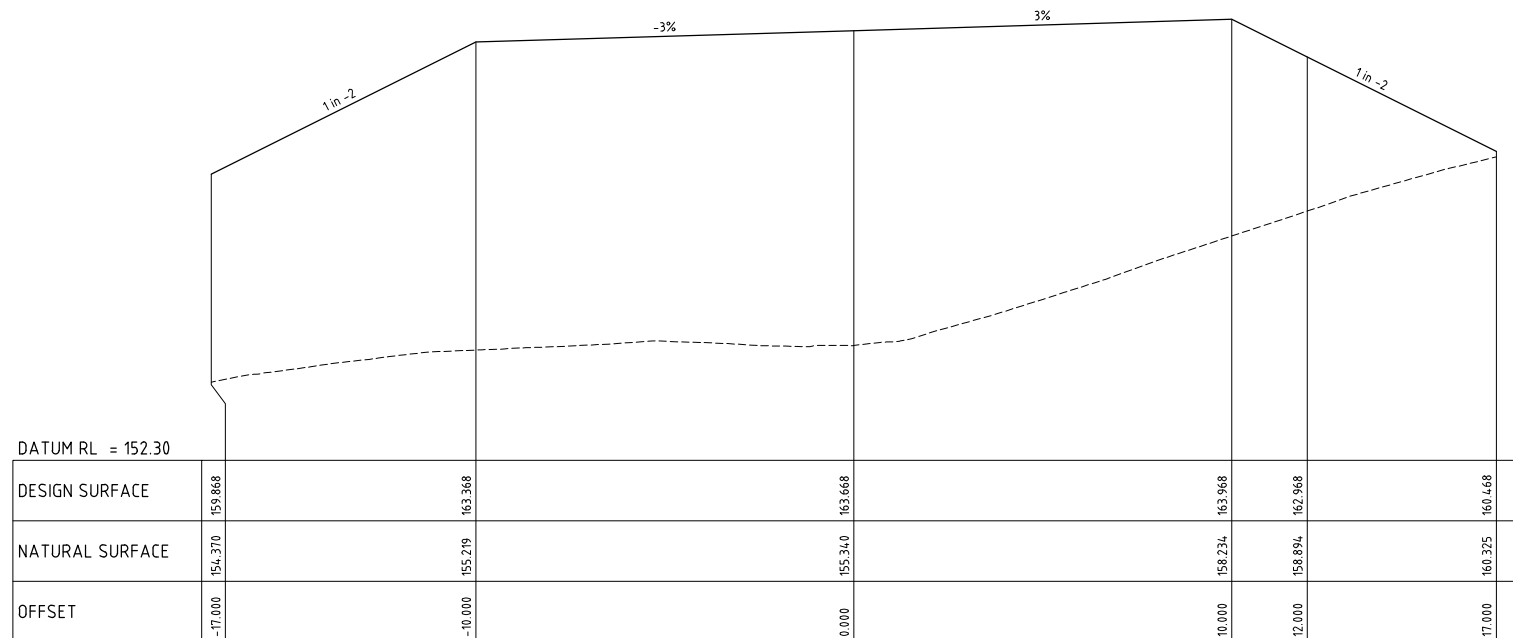
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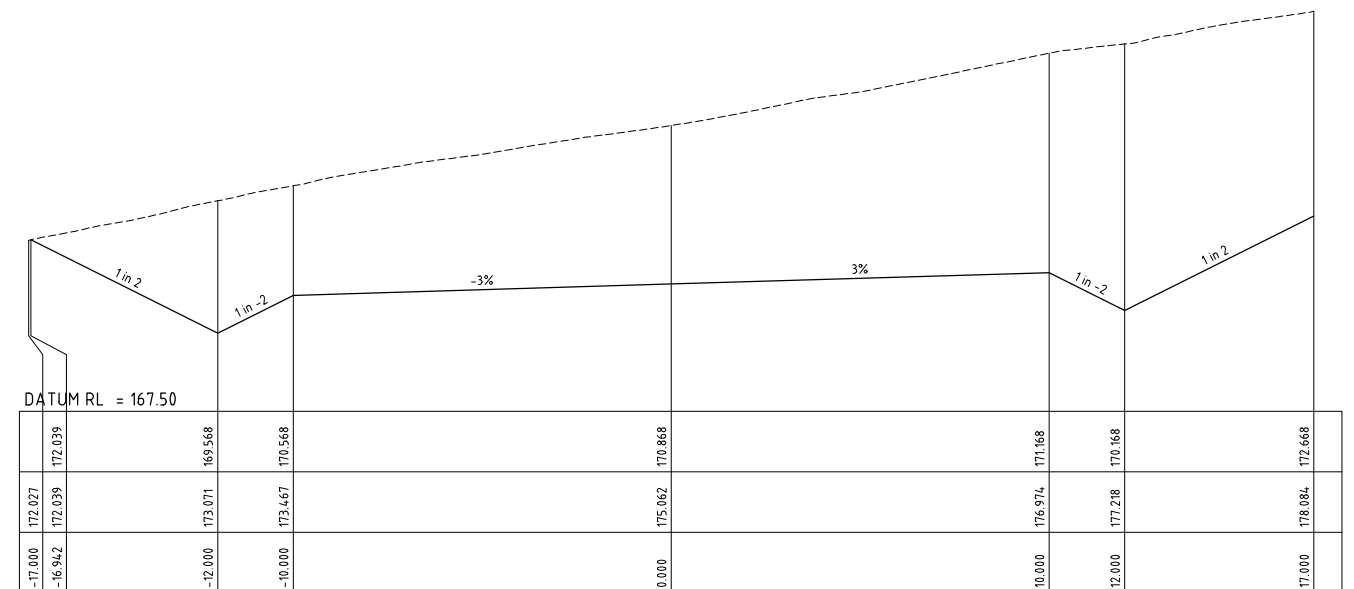
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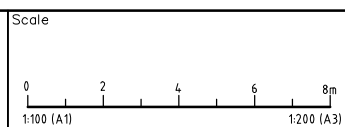


CH 1050.000

PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

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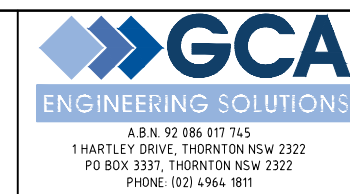
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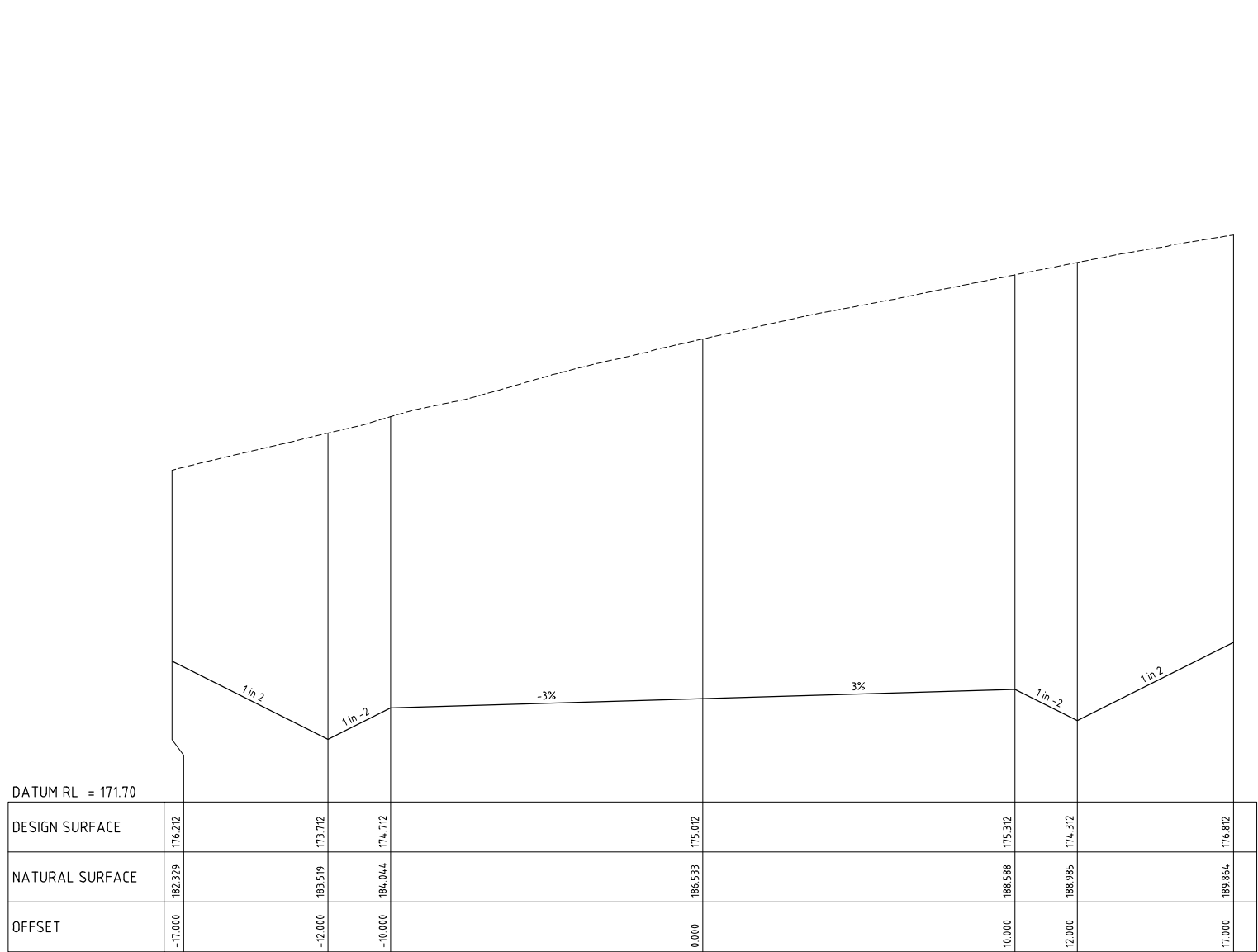
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Project Approval IAN HILL (B.E)
Consulting Civil Engineer

Client

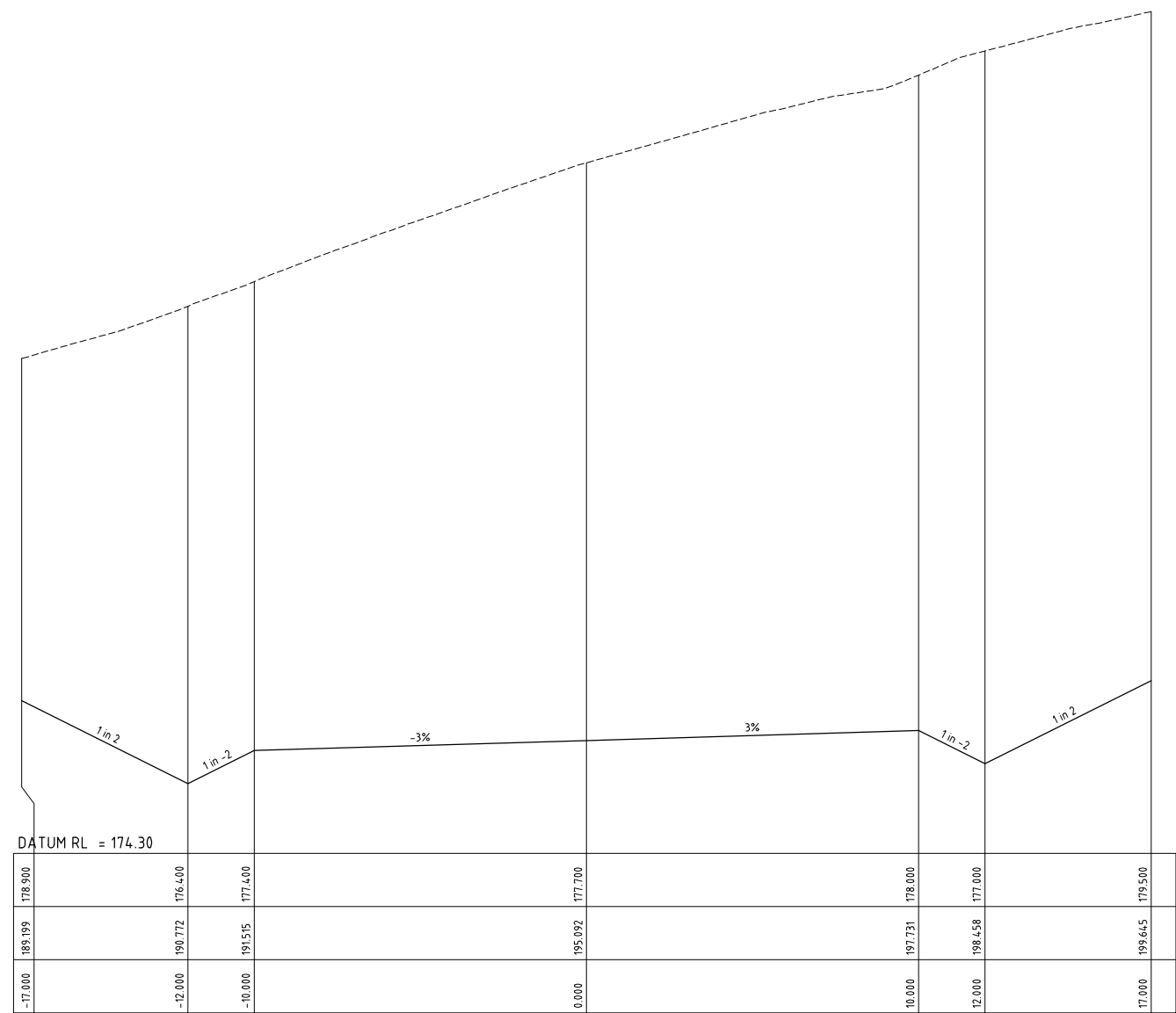


**PROPOSED HAUL ROAD WORKS
BLUESTONE HARDROCK QUARRY
SPRINGVALE ROAD, ELDERSLIE**
HAUL ROAD 2 CROSS SECTIONS SHEET 11 OF 21

Project No 25090C	
Drawing No C32	Revision 7
A1 SHEET	



CH 1084.534

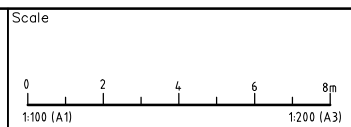


CH 1110.000

PRELIMINARY ISSUE
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5	DRAWING NUMBER CHANGE	AM	I.H.	03.07.25
4	CLIENT COMMENTS	AM	I.H.	30/06/25
3	GENERAL AMENDMENTS	AM	I.H.	26.06.25
2	GENERAL AMENDMENTS	AM	I.H.	12.06.25

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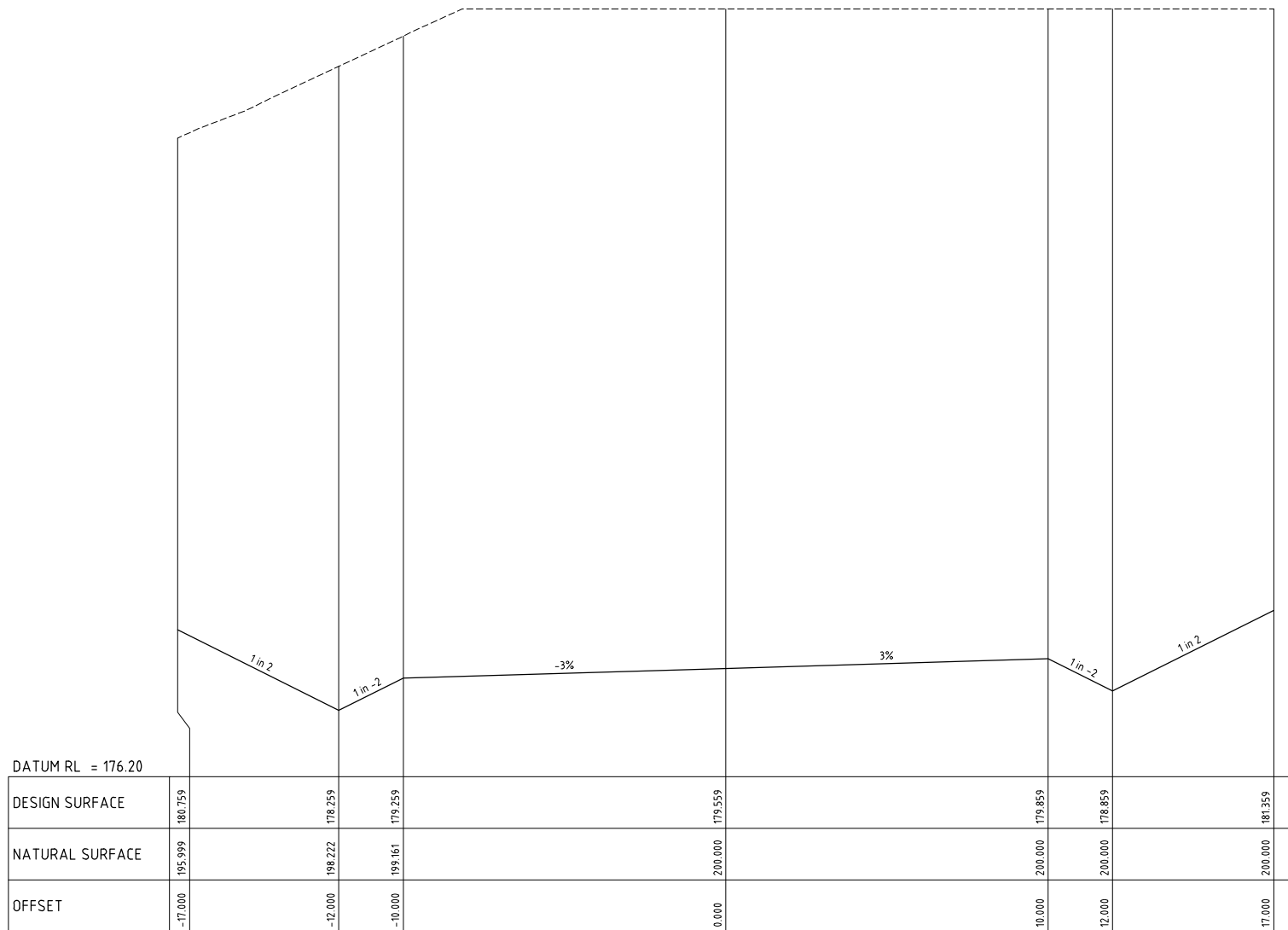
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Project Approval
IAN HILL (B.E)
Consulting Civil Engineer

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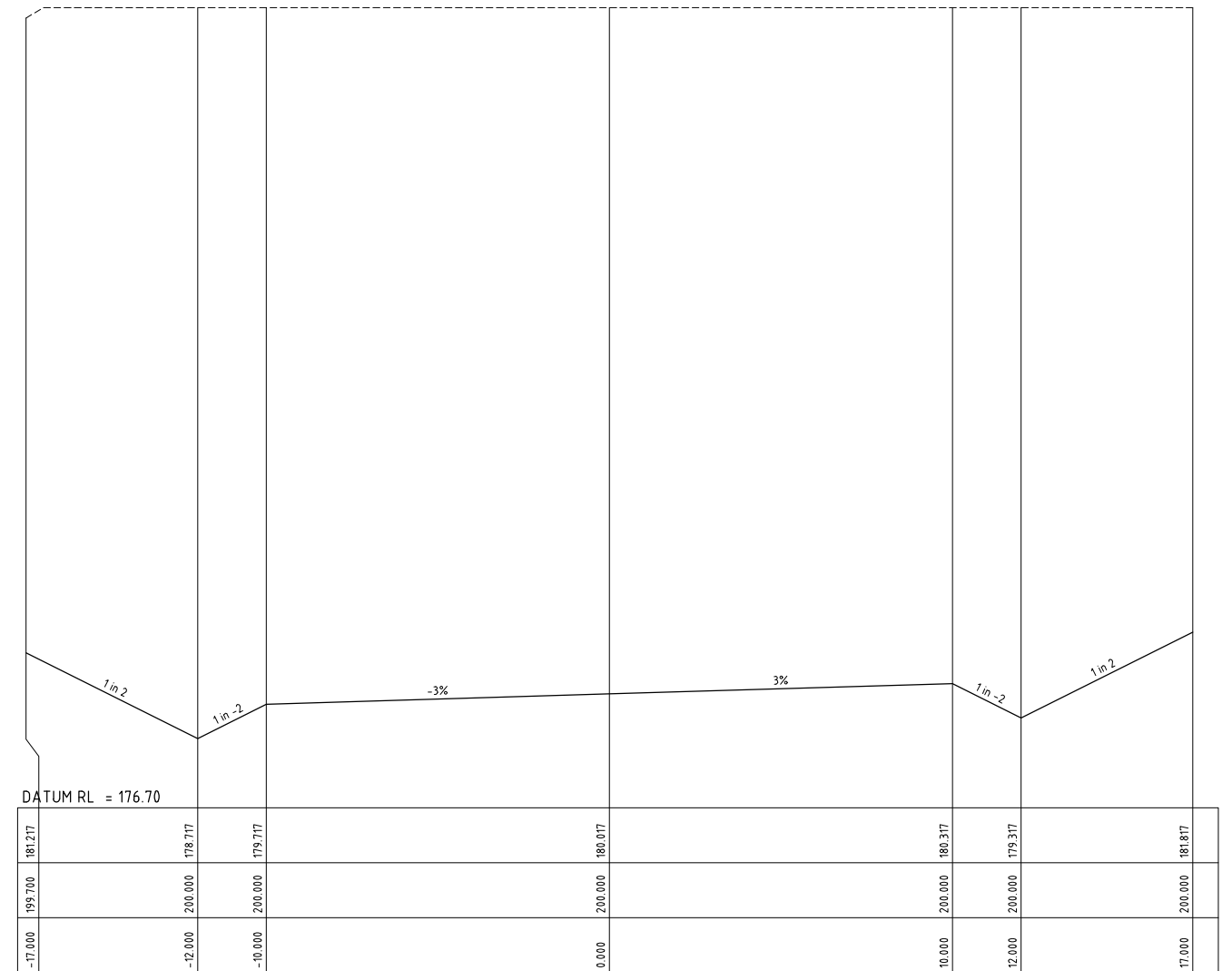


**PROPOSED HAUL ROAD WORKS
BLUESTONE HARDROCK QUARRY
SPRINGVALE ROAD, ELDERSLIE**
HAUL ROAD 2 CROSS SECTIONS SHEET 12 OF 21

Project No 25090C	
Drawing No C33	Revision 7
A1 SHEET	



CH 1140.000

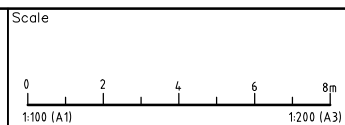


CH 1164.012

PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

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4	CLIENT COMMENTS	A.M	I.H	30/06/25
3	GENERAL AMENDMENTS	A.M	I.H	26.06.25
2	GENERAL AMENDMENTS	A.M	I.H	12.06.25

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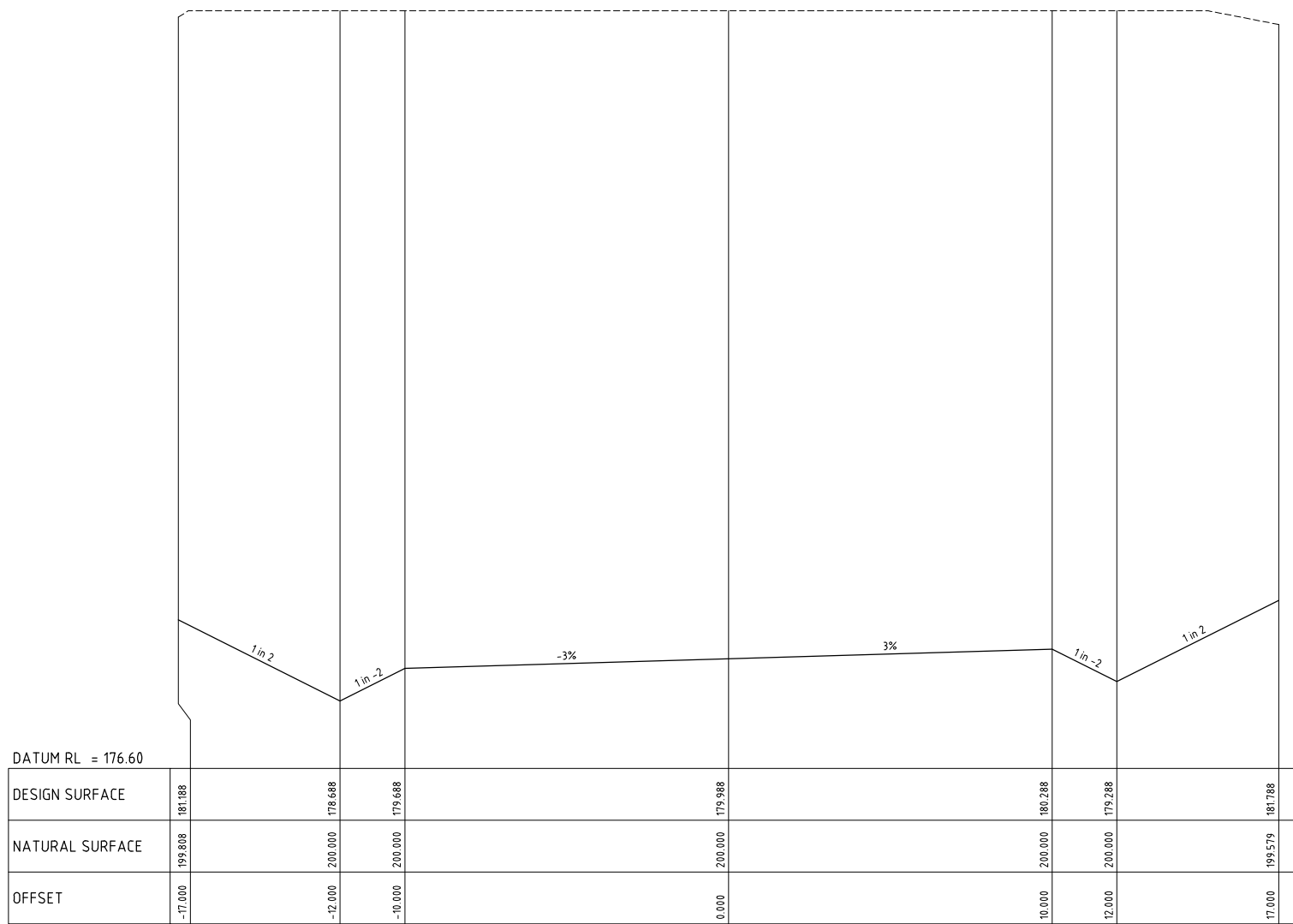
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25090C C34 r7
Project Approval
IAN HILL (B.E)
Consulting Civil Engineer

Client

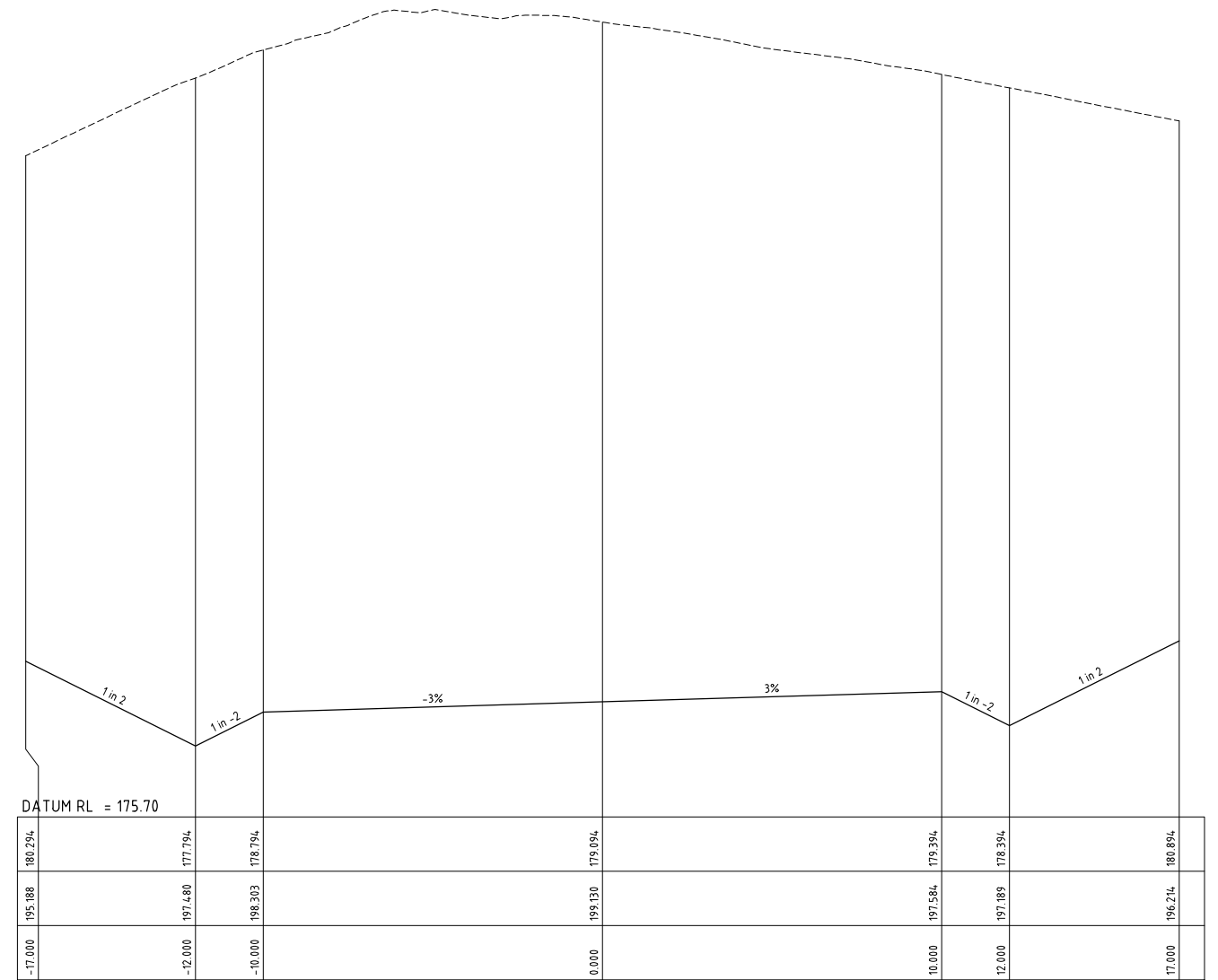


**PROPOSED HAUL ROAD WORKS
BLUESTONE HARDROCK QUARRY
SPRINGVALE ROAD, ELDERSLIE**
HAUL ROAD 2 CROSS SECTIONS SHEET 13 OF 21

Project No 25090C	
Drawing No C34	Revision 7
A1 SHEET	



CH 1170.000

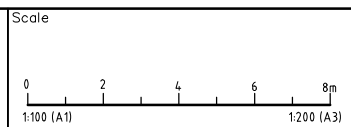


CH 1200.000

PRELIMINARY ISSUE
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3	GENERAL AMENDMENTS	A.M	I.H	26.06.25
2	GENERAL AMENDMENTS	A.M	I.H	12.06.25

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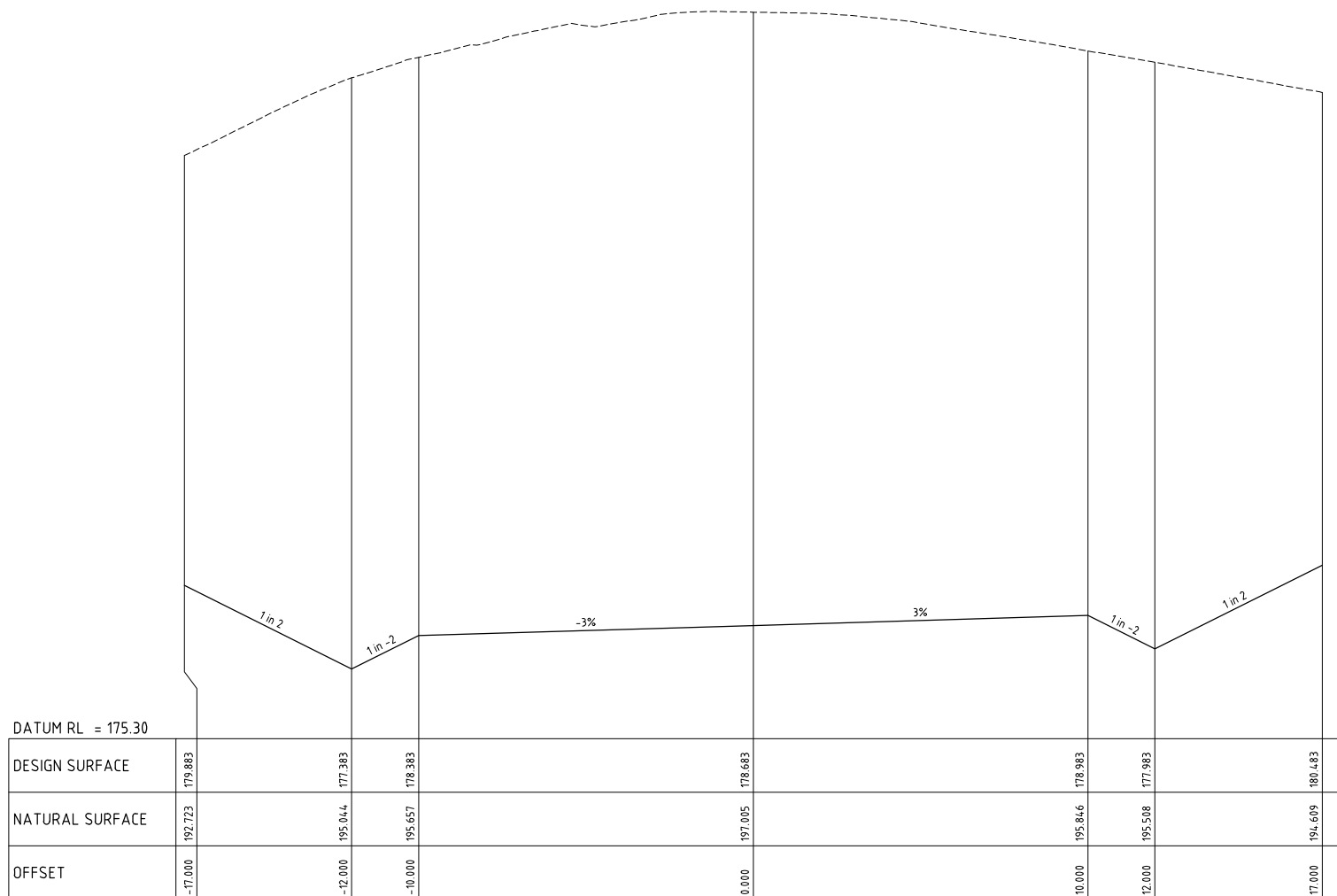
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Project Approval
IAN HILL (B.E)
Consulting Civil Engineer

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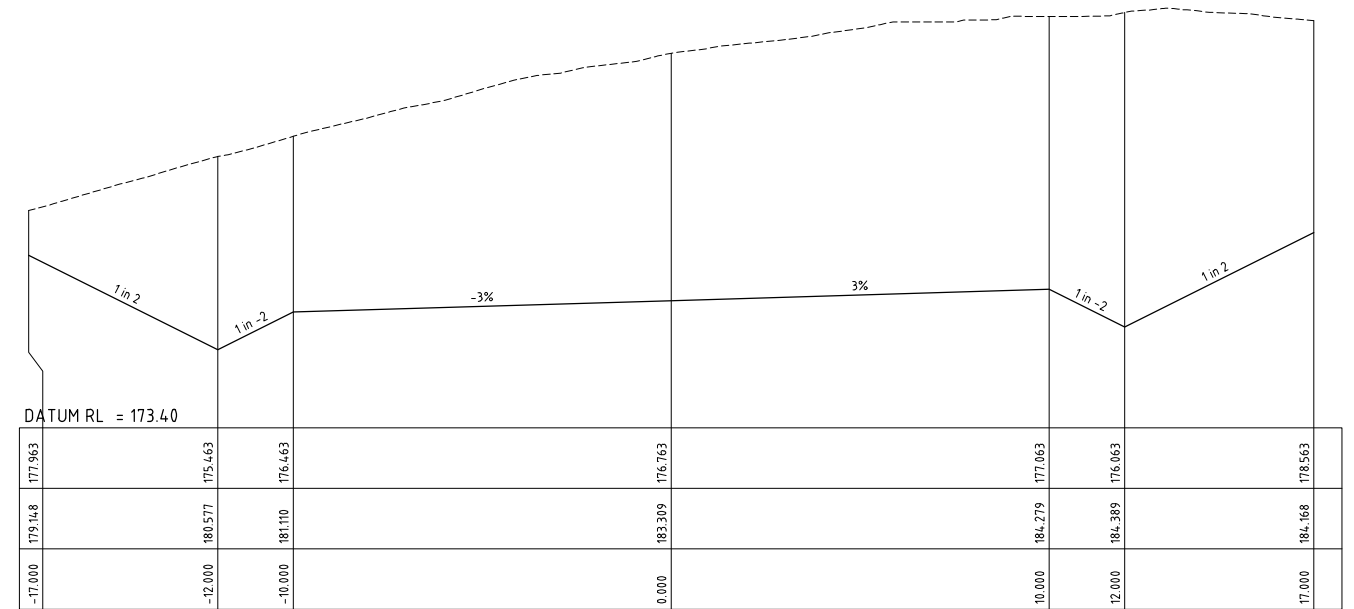


**PROPOSED HAUL ROAD WORKS
BLUESTONE HARDROCK QUARRY
SPRINGVALE ROAD, ELDERSLIE**
HAUL ROAD 2 CROSS SECTIONS SHEET 14 OF 21

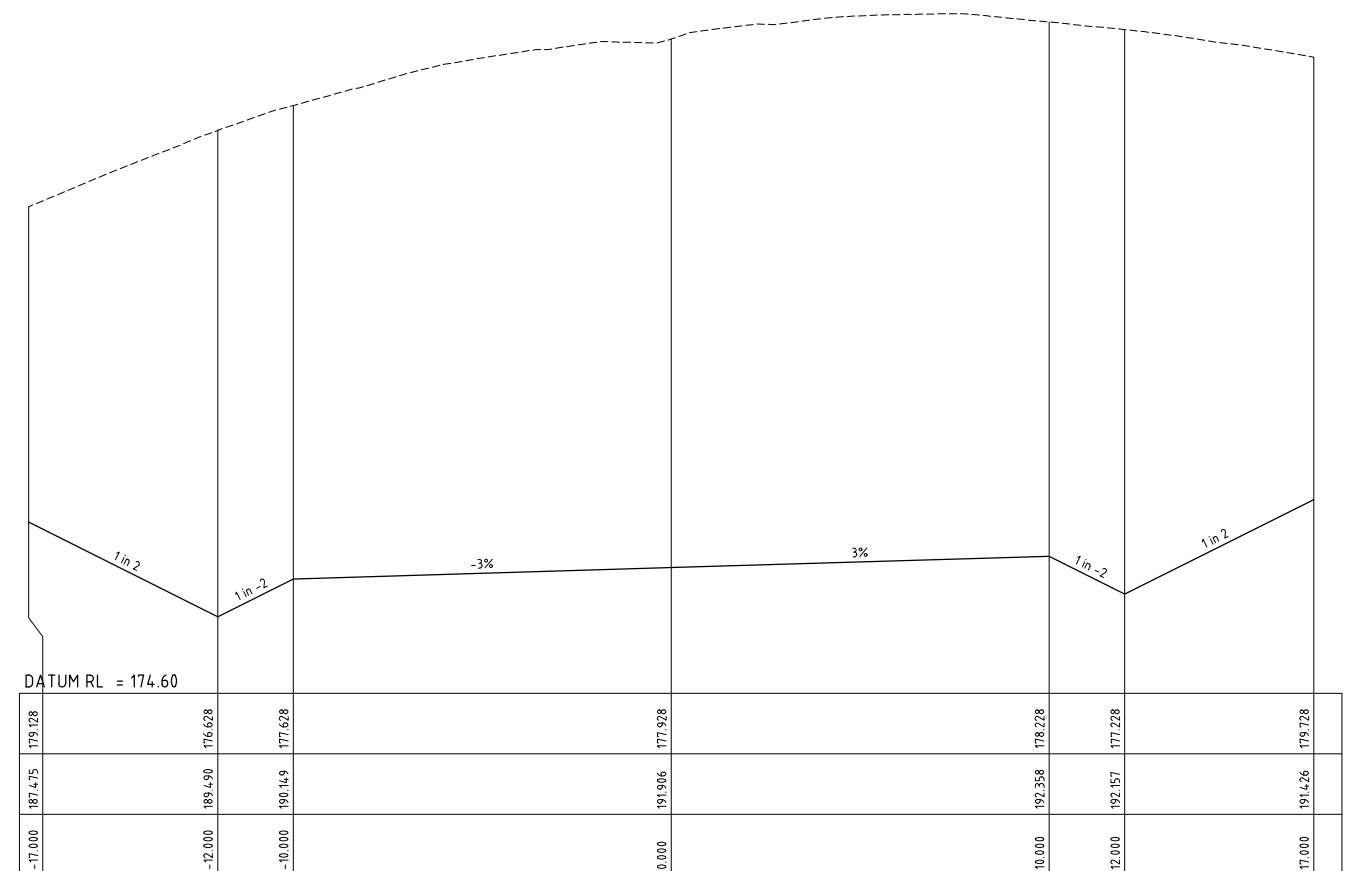
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CH 1210.577



CH 1260.000

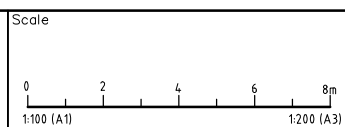


CH 1230.000

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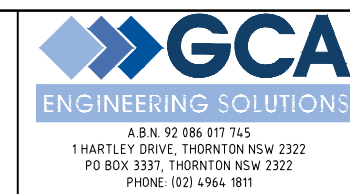
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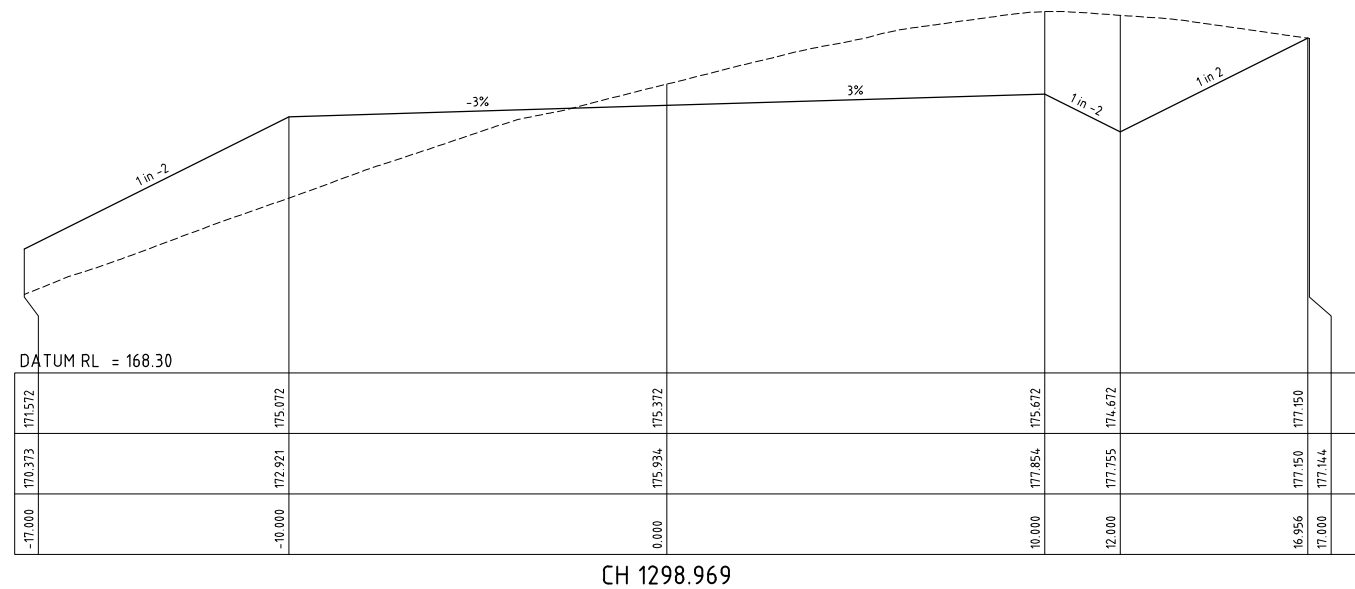
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Project Approval IAN HILL (B.E)
Consulting Civil Engineer

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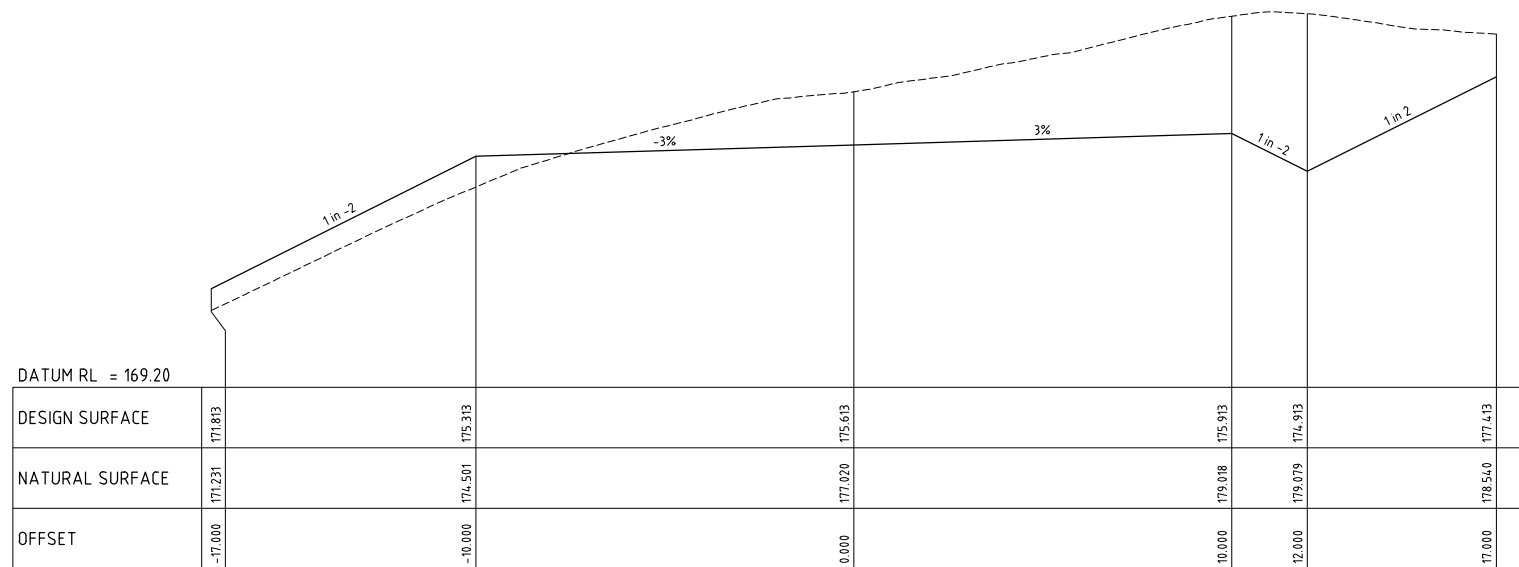


PROPOSED HAUL ROAD WORKS
BLUESTONE HARDROCK QUARRY
SPRINGVALE ROAD, ELDERSLIE
HAUL ROAD 2 CROSS SECTIONS SHEET 15 OF 21

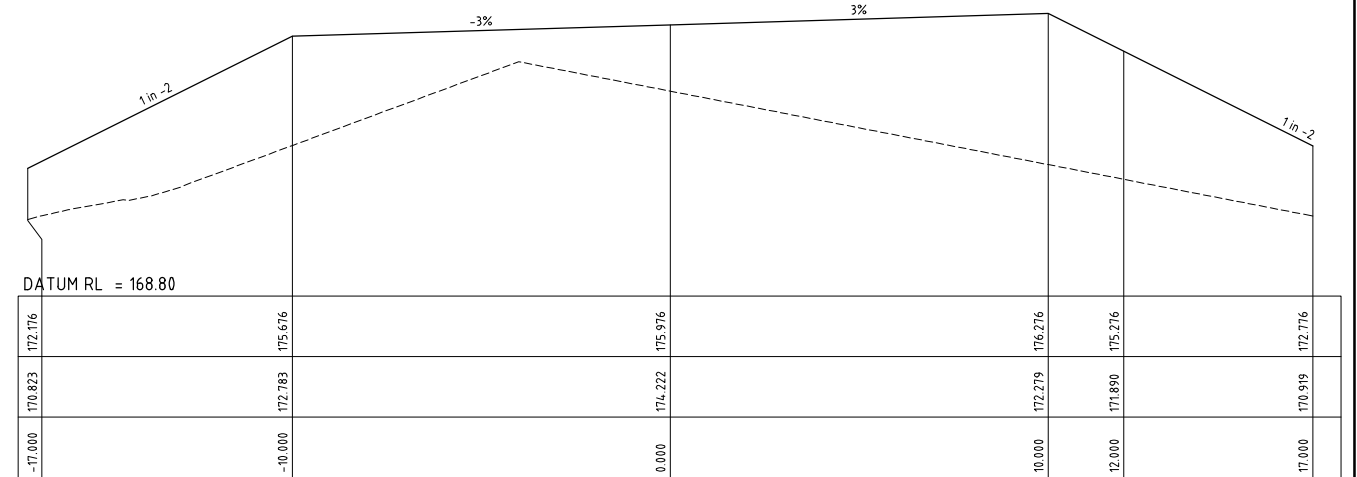
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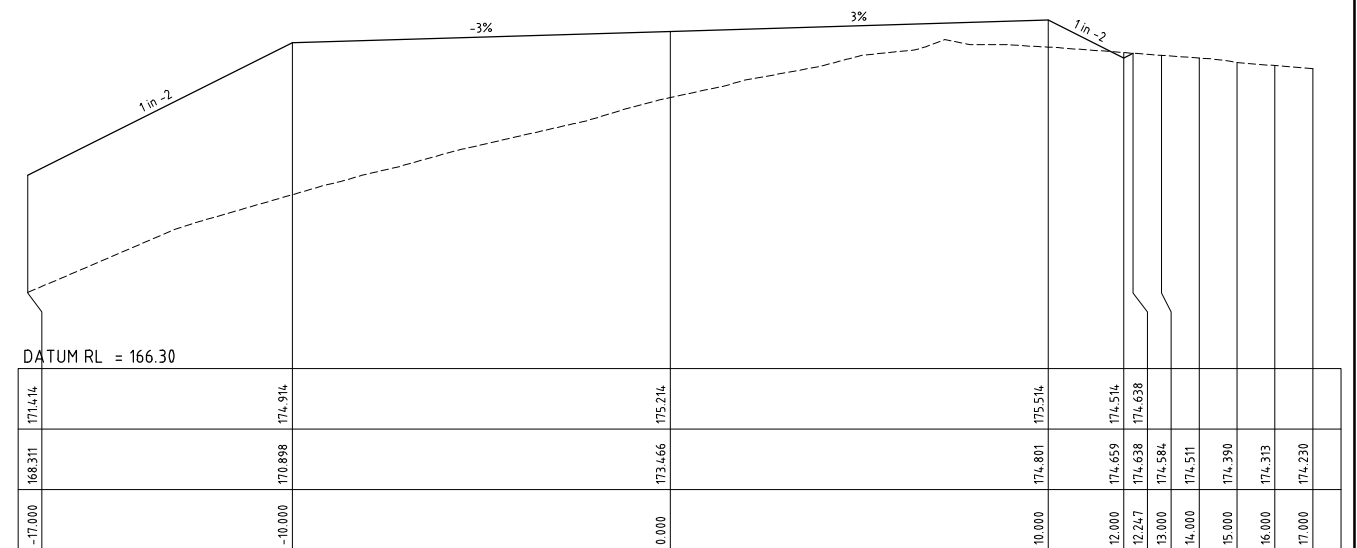
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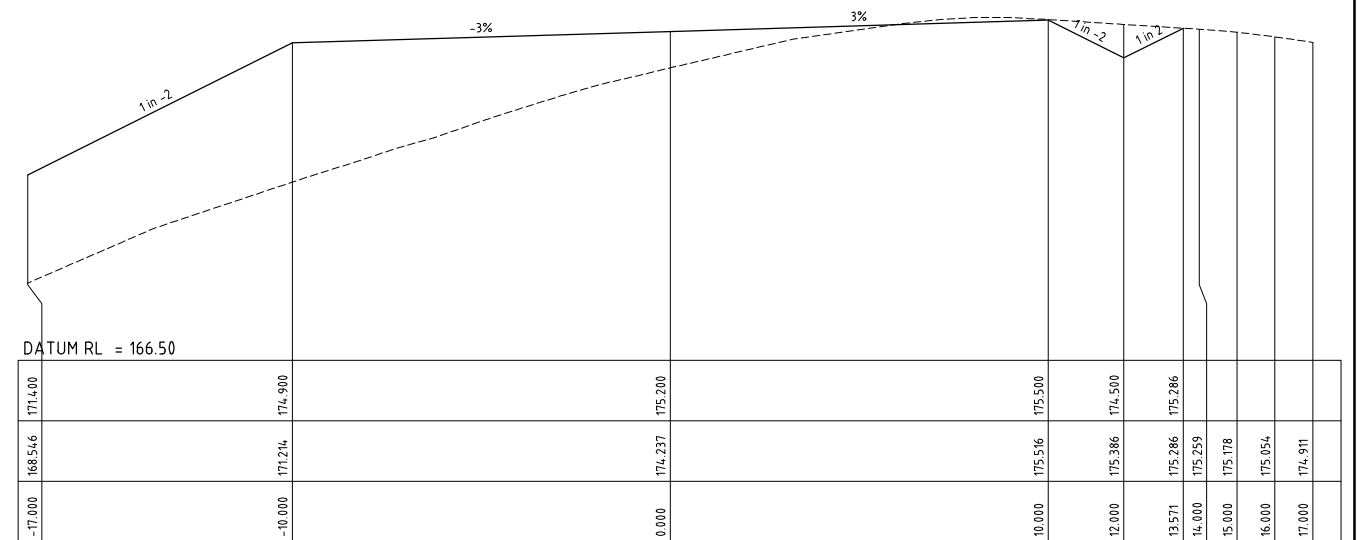
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CH 1350.000



CH 1320.000

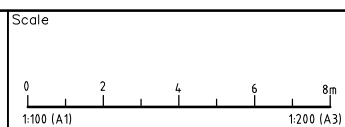


CH 1315.297

PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

REVISION	Description	Drawn	App'd	Date
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5	DRAWING NUMBER CHANGE	AM	I.H.	03.07.25
4	CLIENT COMMENTS	AM	I.H.	30/06/25
3	GENERAL AMENDMENTS	AM	I.H.	26.06.25
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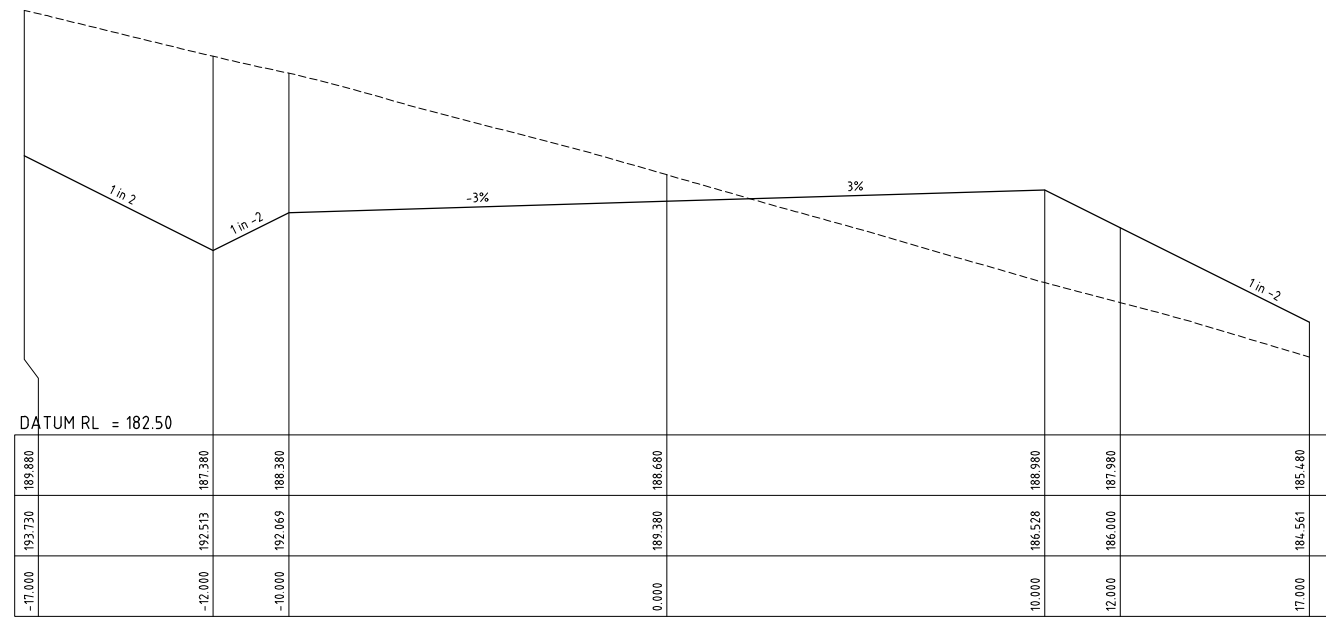
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Project Approval
IAN HILL (B.E)
Consulting Civil Engineer

Client

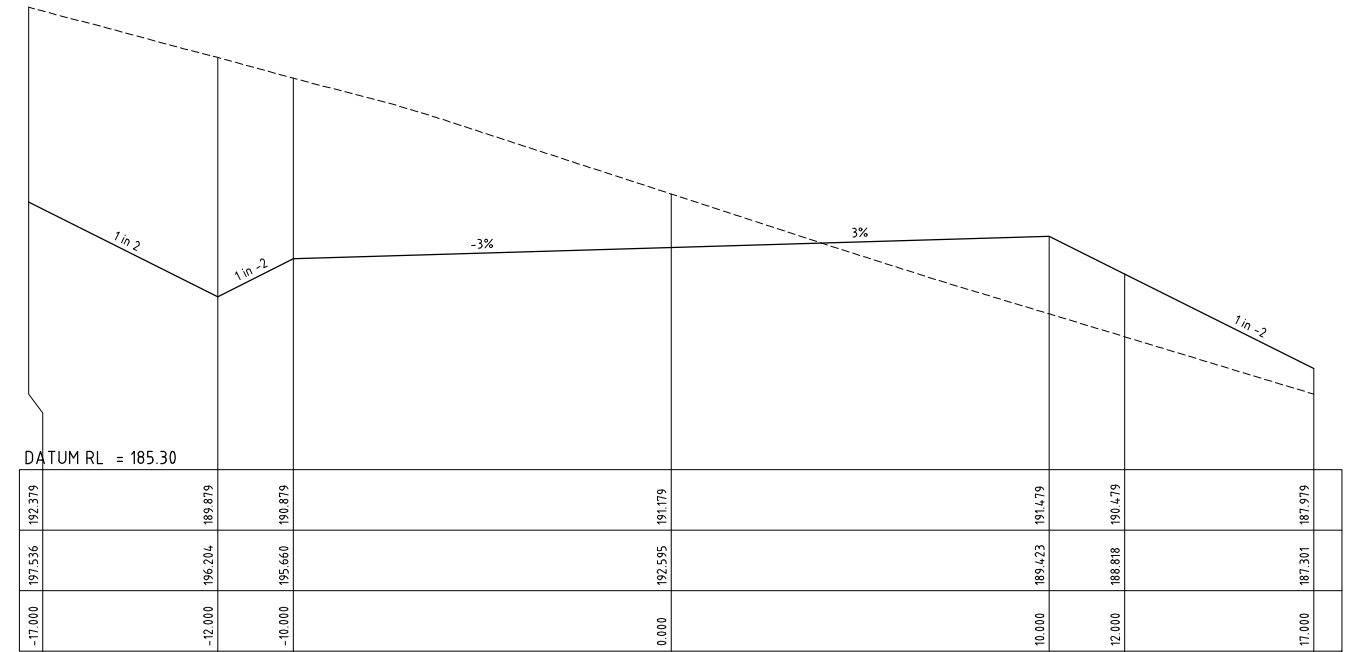


**PROPOSED HAUL ROAD WORKS
BLUESTONE HARDROCK QUARRY
SPRINGVALE ROAD, ELDERSLIE**
HAUL ROAD 2 CROSS SECTIONS SHEET 16 OF 21

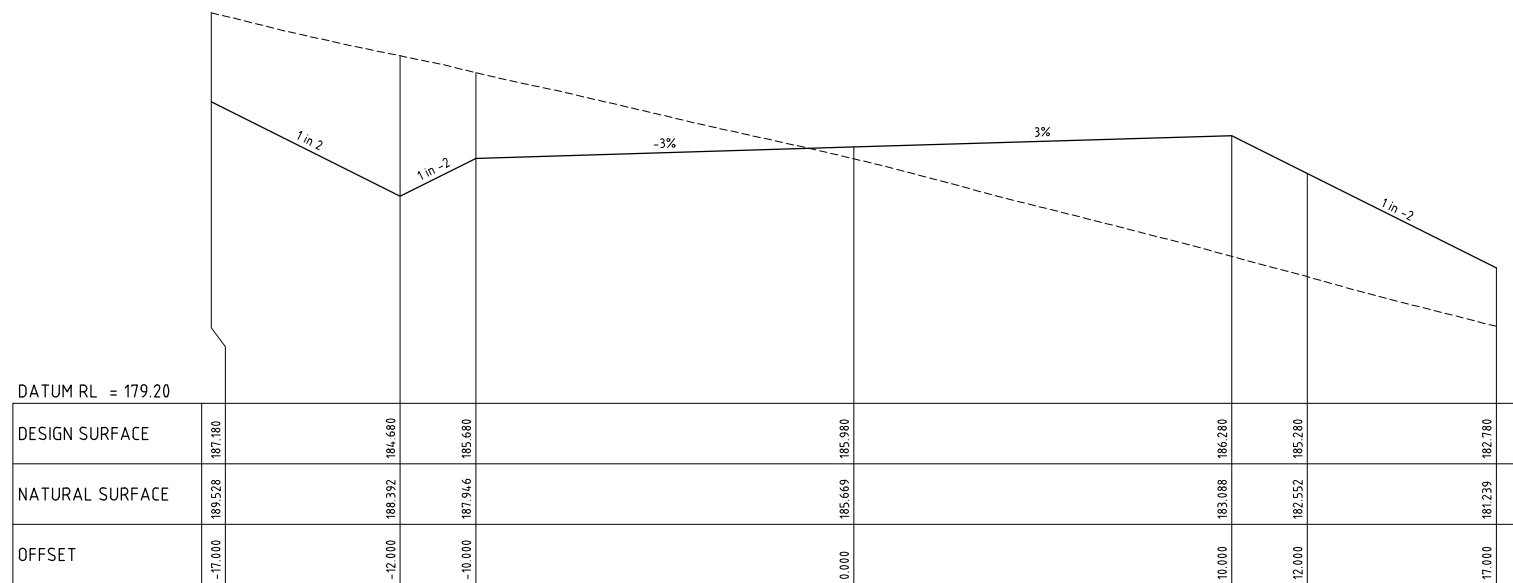
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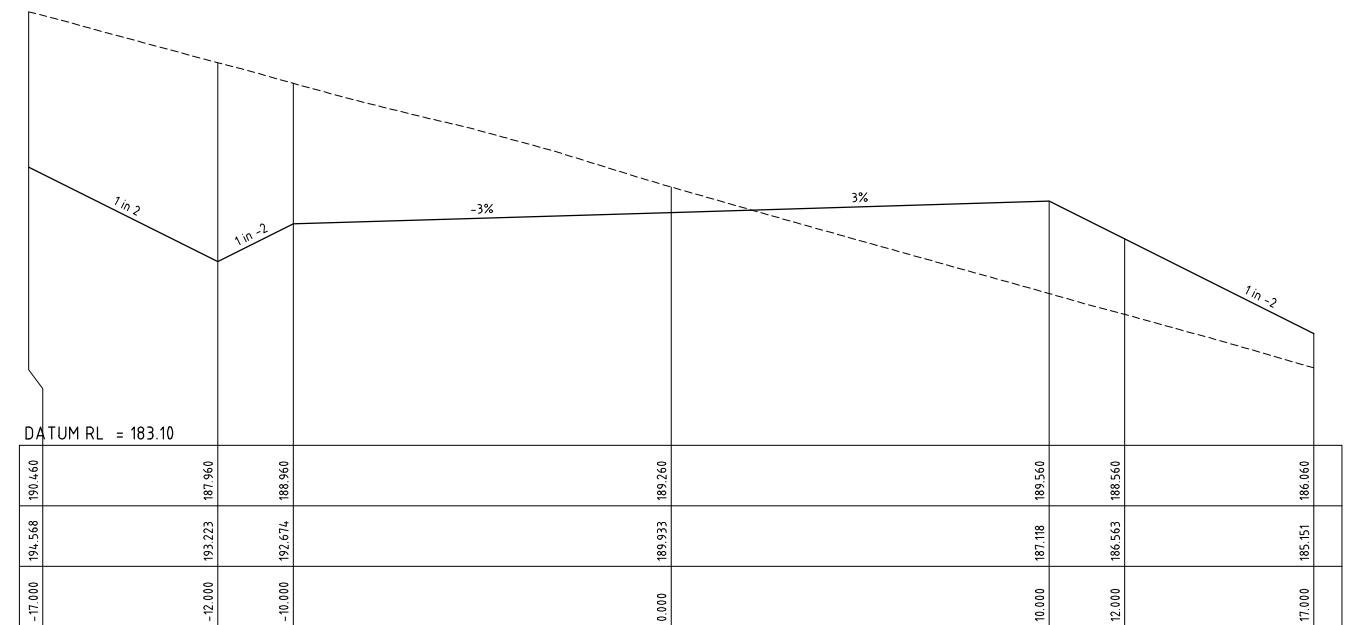
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CH 1530.00



CH 1470.00

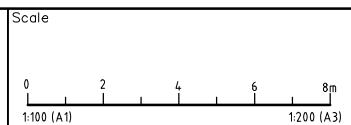


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PRELIMINARY ISSUE
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4	CLIENT COMMENTS	AM	I.H.	30/06/25
3	GENERAL AMENDMENTS	AM	I.H.	26.06.25
2	GENERAL AMENDMENTS	AM	I.H.	12.06.25

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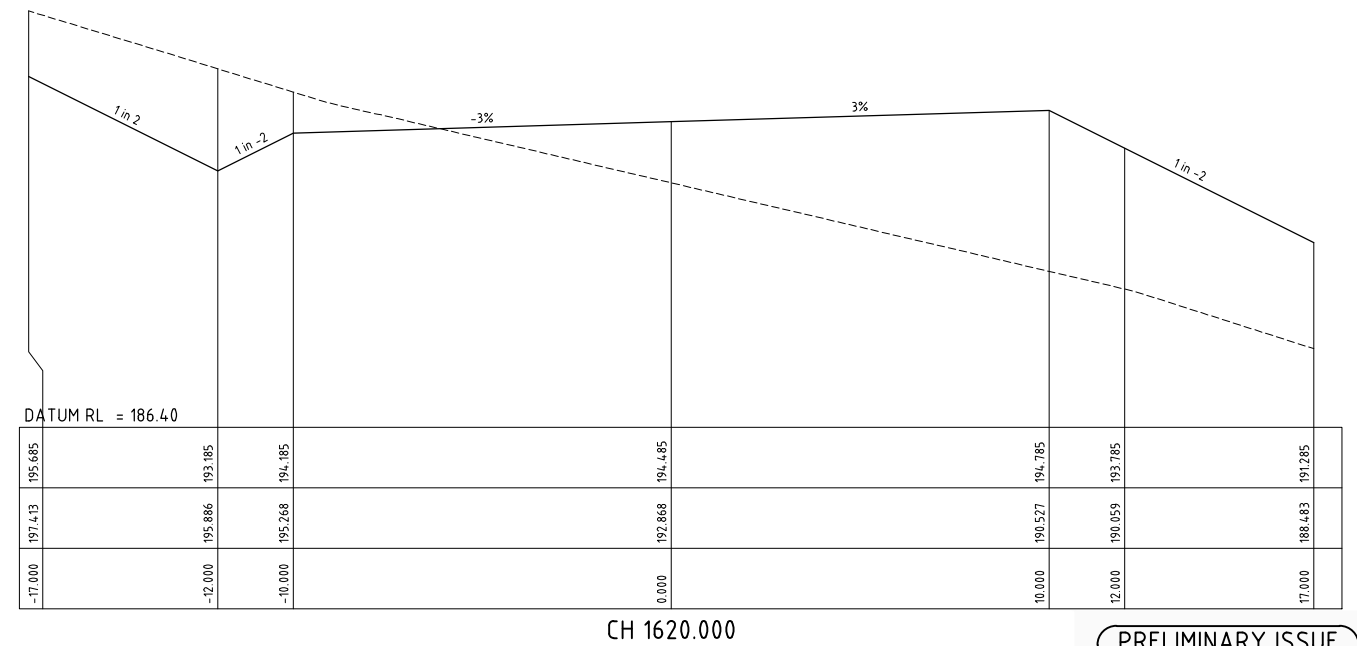
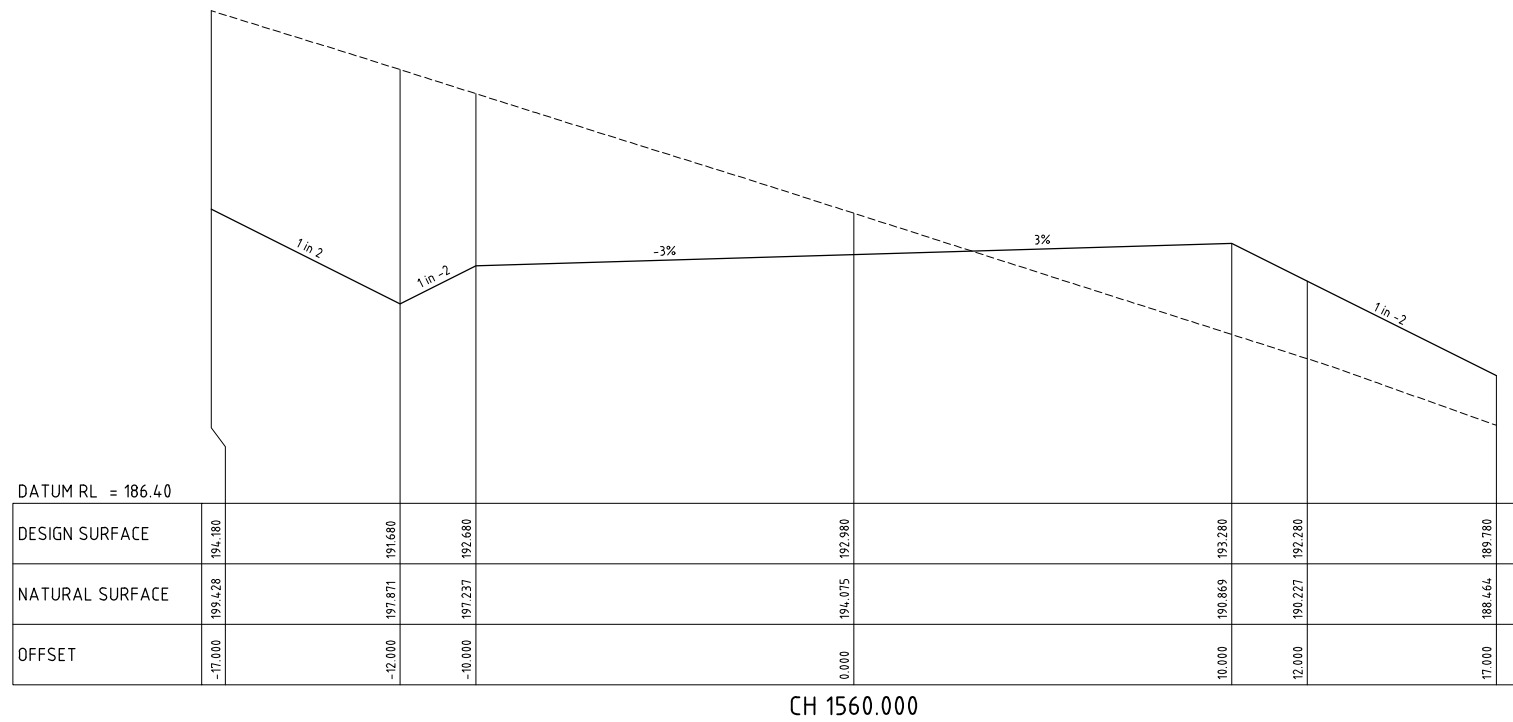
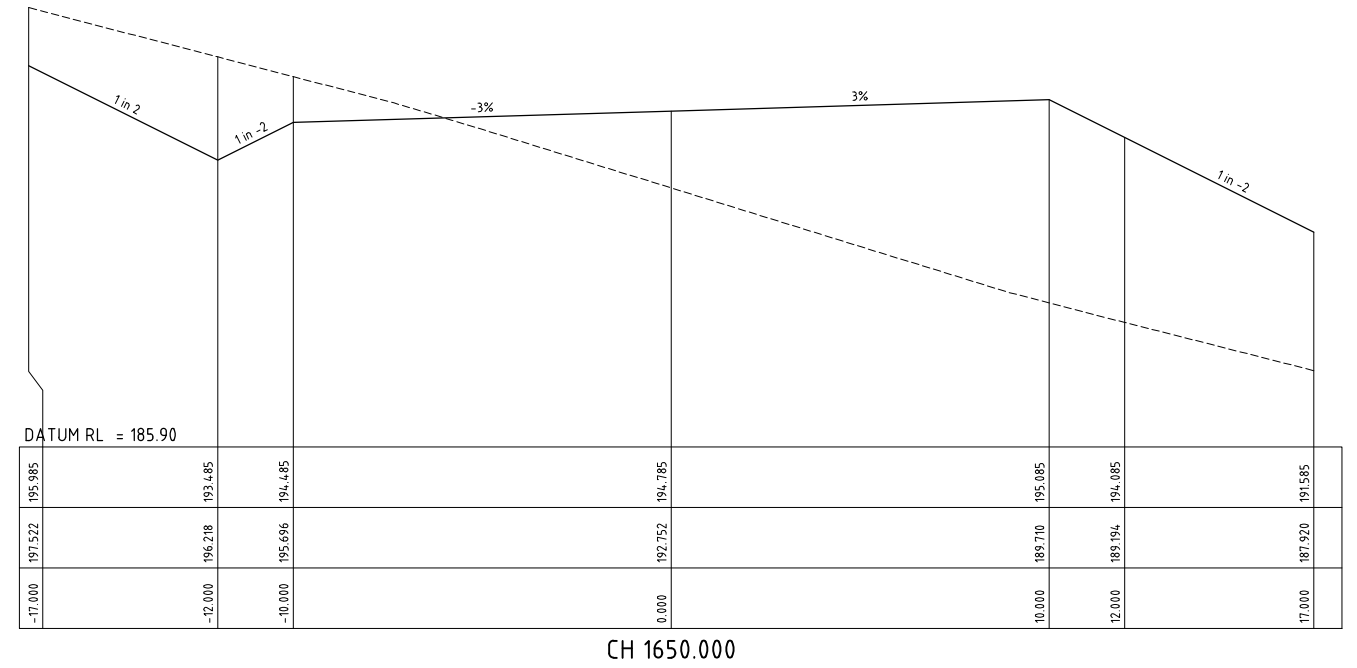
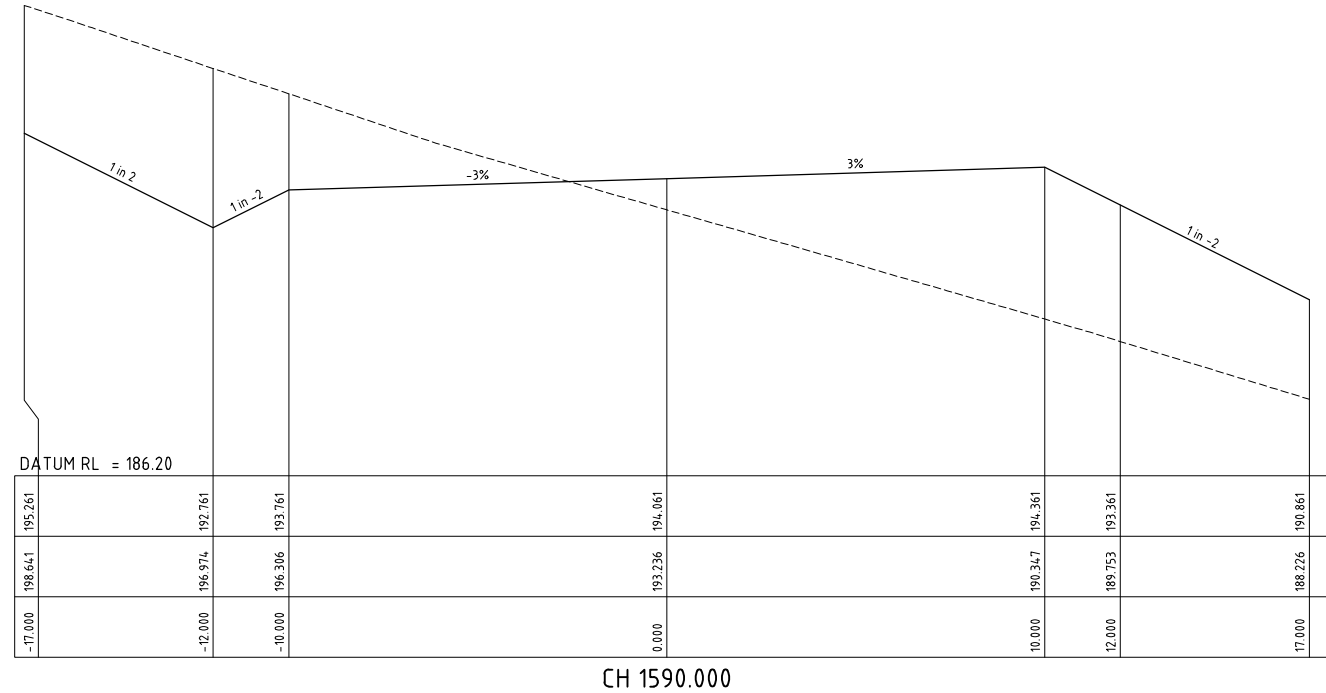
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Project Approval IAN HILL (B.E)
Consulting Civil Engineer

Client



**PROPOSED HAUL ROAD WORKS
BLUESTONE HARDROCK QUARRY
SPRINGVALE ROAD, ELDERSLIE**
HAUL ROAD 2 CROSS SECTIONS SHEET 18 OF 21

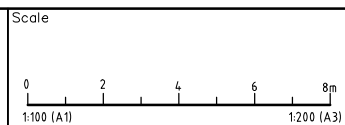
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PRELIMINARY ISSUE
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5	DRAWING NUMBER CHANGE	AM	I.H.	03.07.25
4	CLIENT COMMENTS	AM	I.H.	30/06/25
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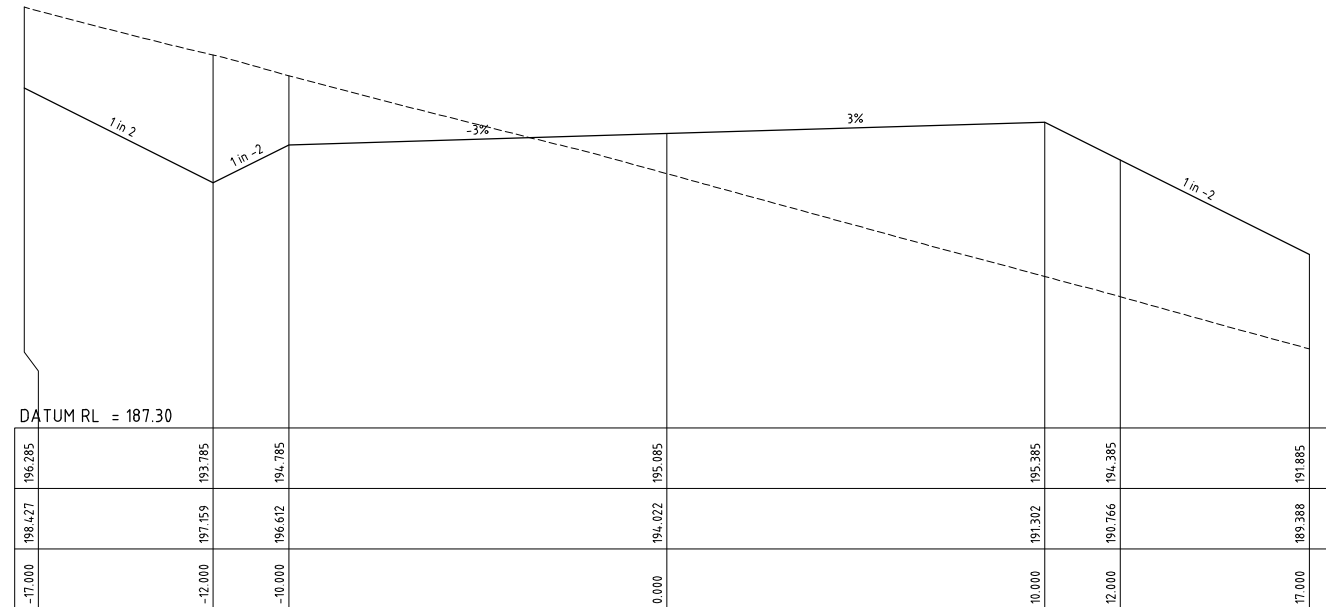
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Consulting Civil Engineer

Client

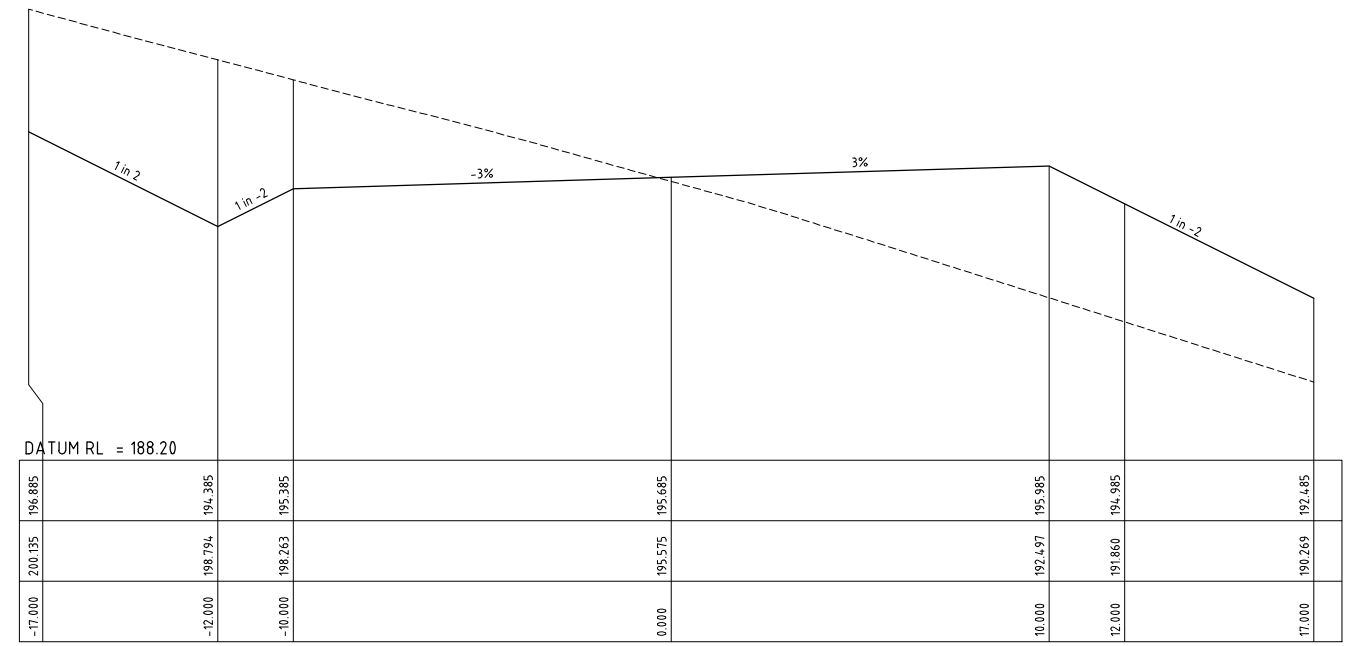


**PROPOSED HAUL ROAD WORKS
BLUESTONE HARDROCK QUARRY
SPRINGVALE ROAD, ELDERSLIE**
HAUL ROAD 2 CROSS SECTIONS SHEET 19 OF 21

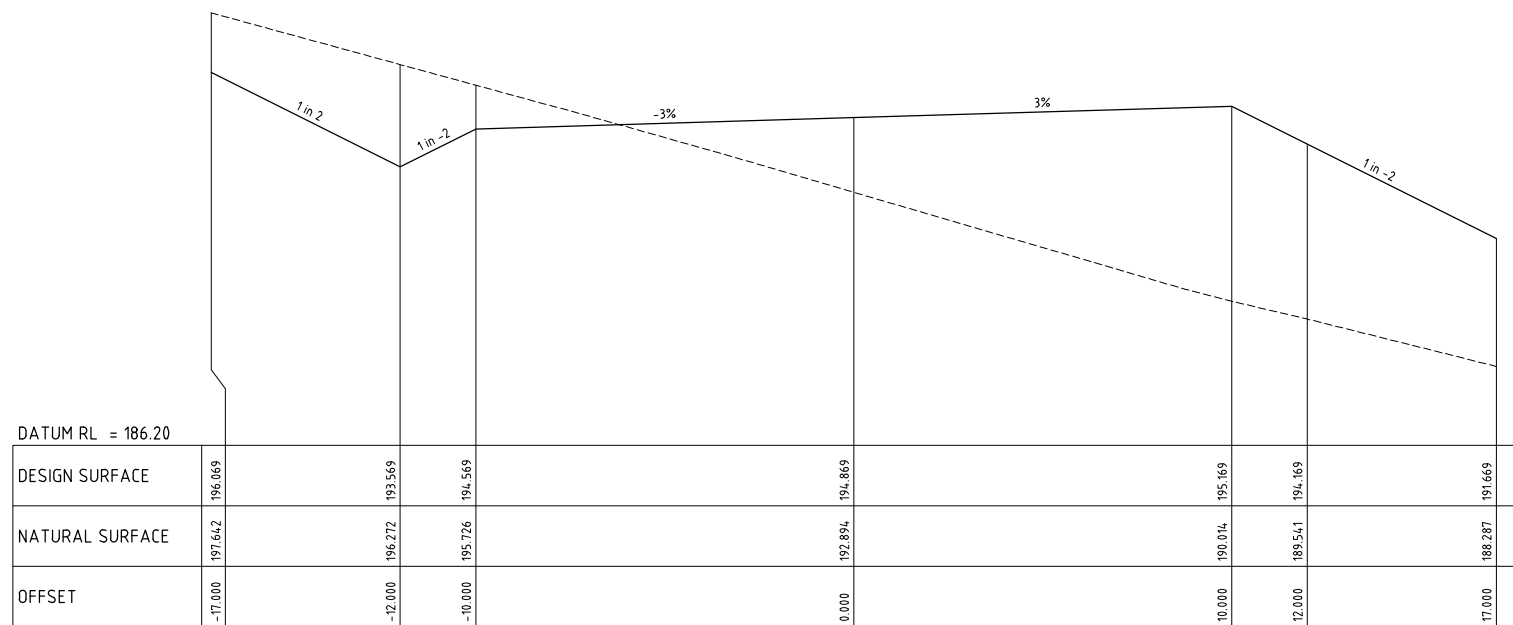
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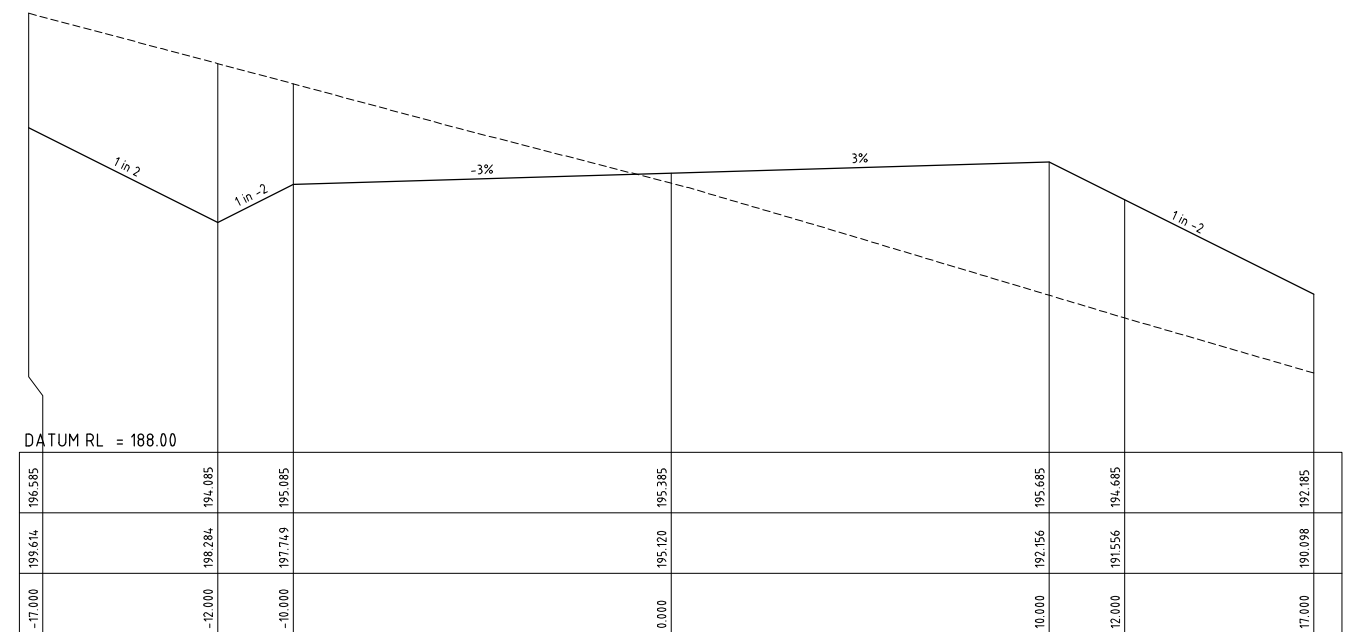
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CH 1740.000



CH 1658.491

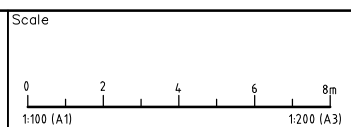


CH 1710.000

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4	CLIENT COMMENTS	A.M	I.H	30/06/25
3	GENERAL AMENDMENTS	A.M	I.H	26.06.25
2	GENERAL AMENDMENTS	A.M	I.H	12.06.25

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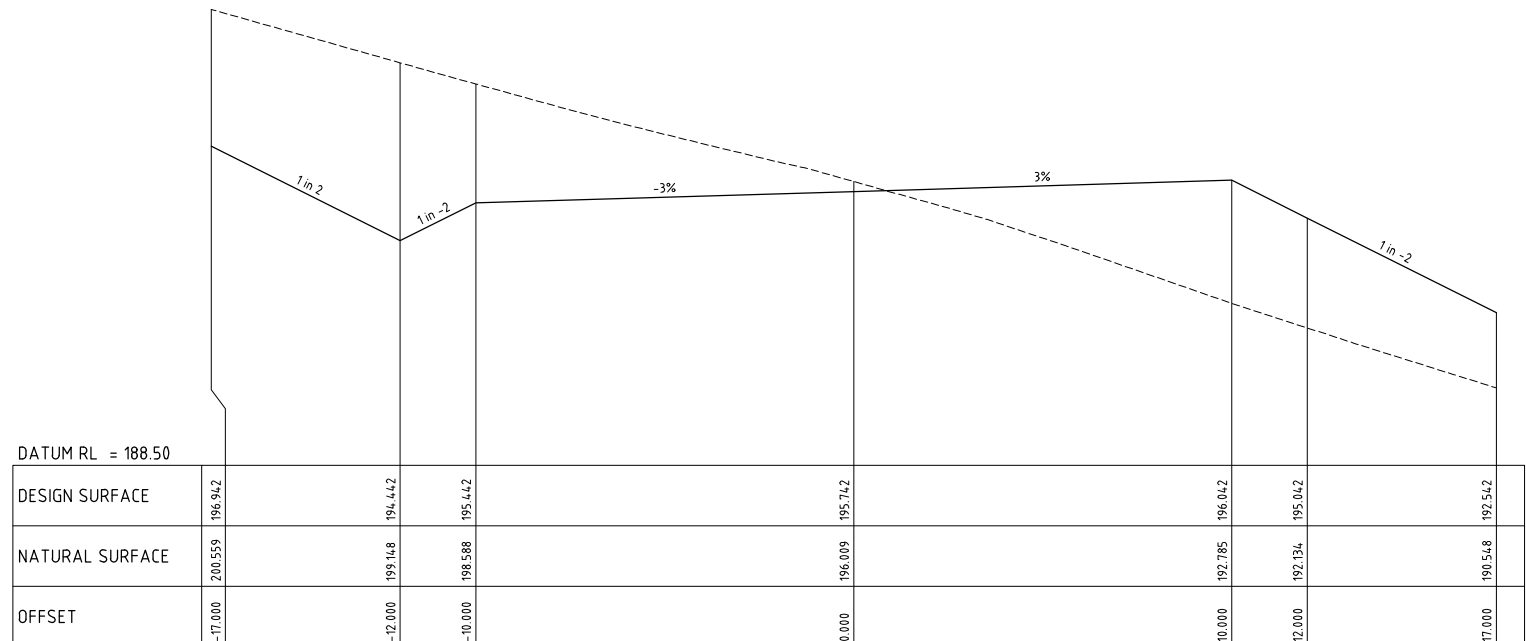
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Cad Reference
25090C C41 r7
Project Approval
IAN HILL (B.E)
Consulting Civil Engineer

Client



**PROPOSED HAUL ROAD WORKS
BLUESTONE HARDROCK QUARRY
SPRINGVALE ROAD, ELDERSLIE**
HAUL ROAD 2 CROSS SECTIONS SHEET 20 OF 21

Project No 25090C	
Drawing No C41	Revision 7
A1 SHEET	

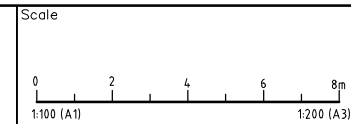


CH 1745.760

PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

REVISION	Description	Drawn	App'd	Date
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5	DRAWING NUMBER CHANGE	A.M	I.H	03.07.25
4	CLIENT COMMENTS	A.M	I.H	30/06/25
3	GENERAL AMENDMENTS	A.M	I.H	26.06.25
2	GENERAL AMENDMENTS	A.M	I.H	12.06.25

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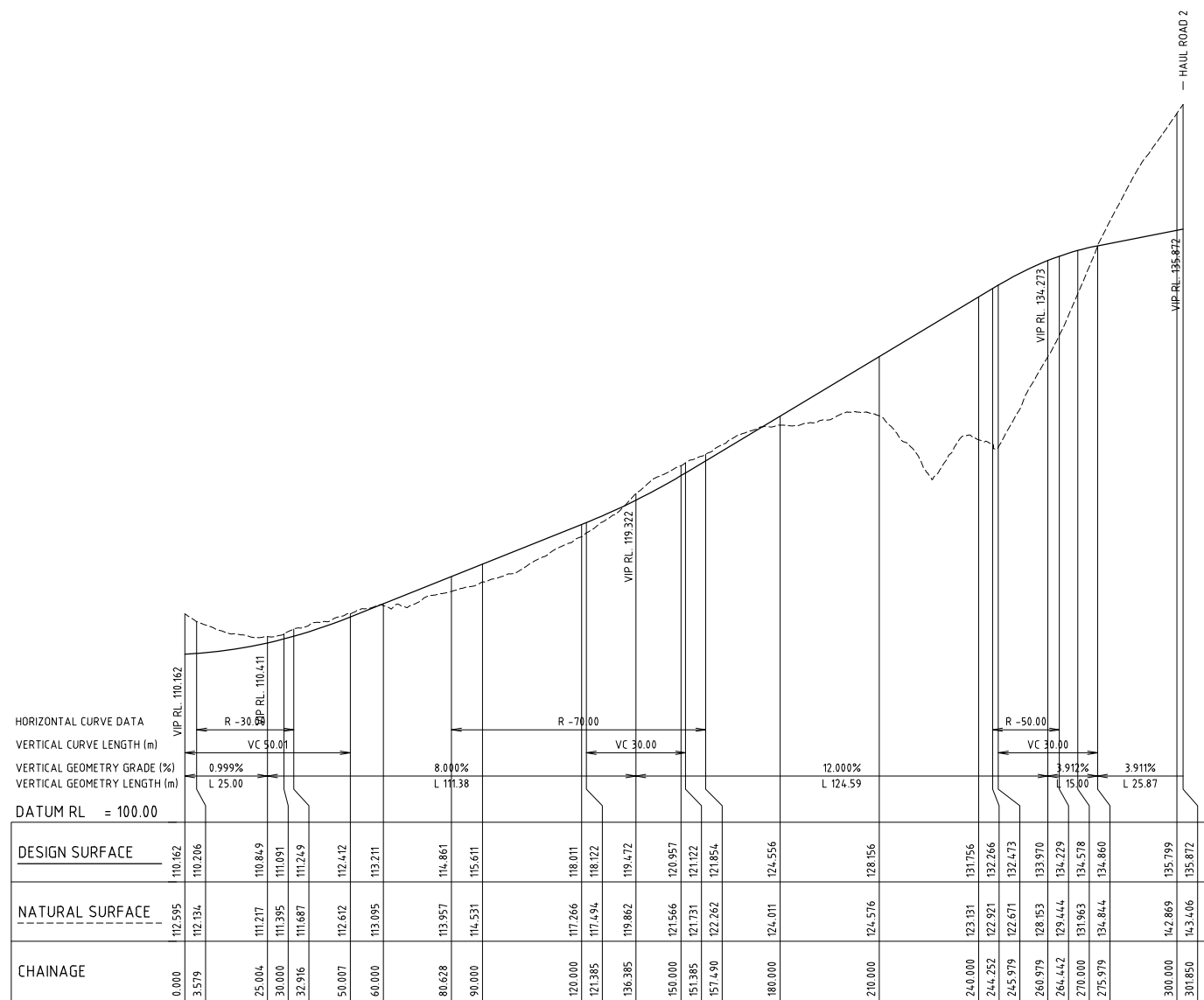
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Project Approval
IAN HILL (B.E)
Consulting Civil Engineer

Client



**PROPOSED HAUL ROAD WORKS
BLUESTONE HARDROCK QUARRY
SPRINGVALE ROAD, ELDERSLIE**
HAUL ROAD 2 CROSS SECTIONS SHEET 21 OF 21

Project No 25090C	
Drawing No C42	Revision 7
A1 SHEET	

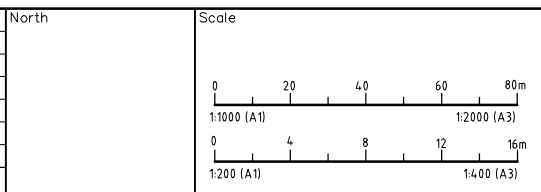


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LONGITUDINAL SECTION PROCESSING ACCESS ROAD

PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

REVISION	Description	Drawn	App'd	Date
7	CLIENT COMMENTS	A.M	I.H	21.07.25
5	DRAWING NUMBER CHANGE	A.M	I.H	03.07.25
4	CLIENT COMMENTS	A.M	I.H	30/06/25
3	GENERAL AMENDMENTS	A.M	I.H	26.06.25
2	GENERAL AMENDMENTS	A.M	I.H	12.06.25



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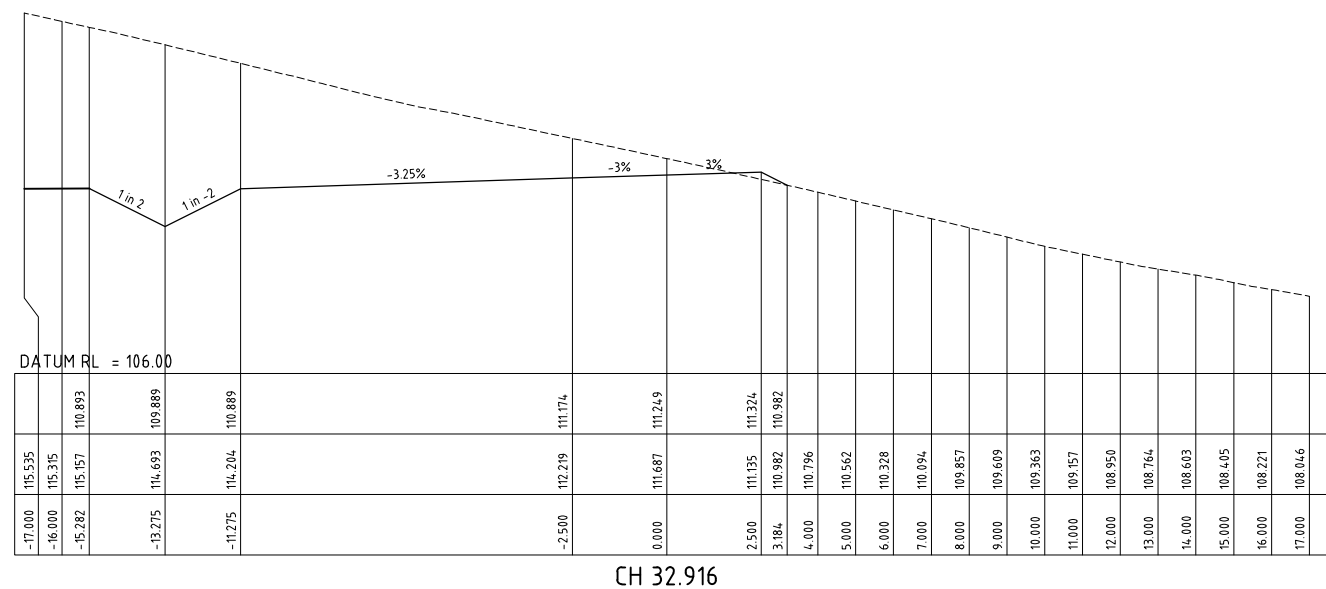
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Cad Reference 25090C C43 r7	
Project Approval IAN HILL (B.E) Consulting Civil Engineer	

Client

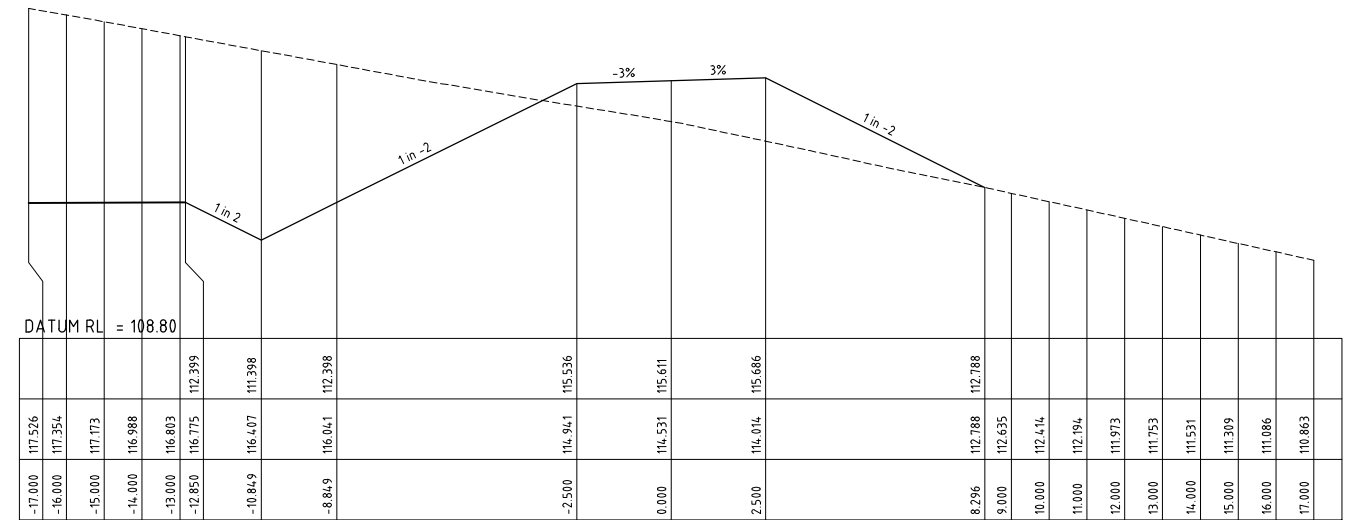


**PROPOSED HAUL ROAD WORKS
BLUESTONE HARDROCK QUARRY
SPRINGVALE ROAD, ELDERSLIE
PROCESSING ACCESS ROAD LONGITUDINAL SECTION**

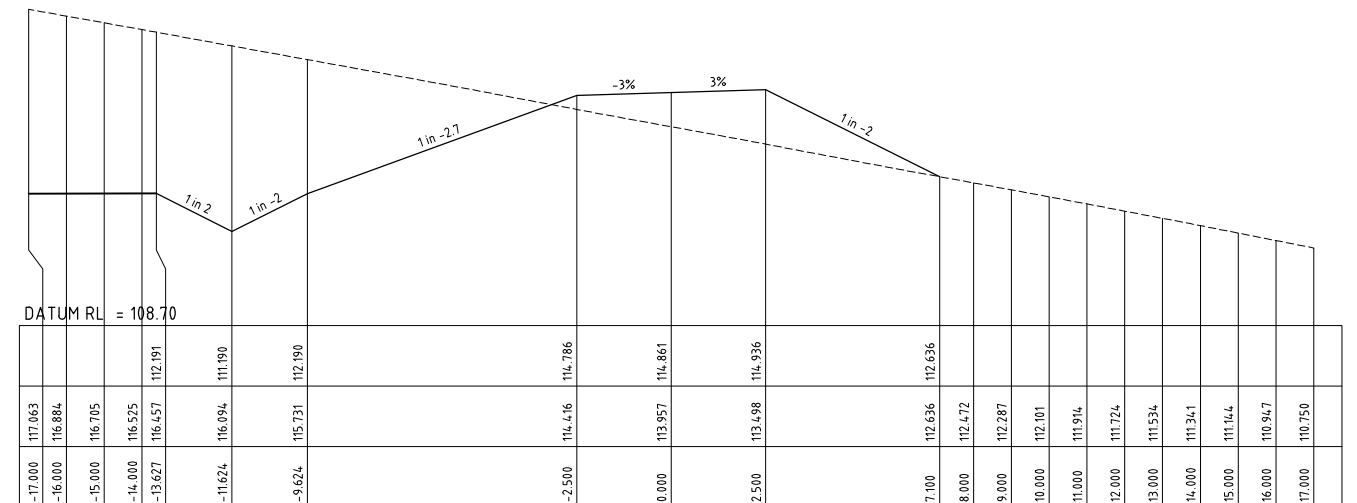
Project No 25090C	
Drawing No C43	Revision 7
A1 SHEET	



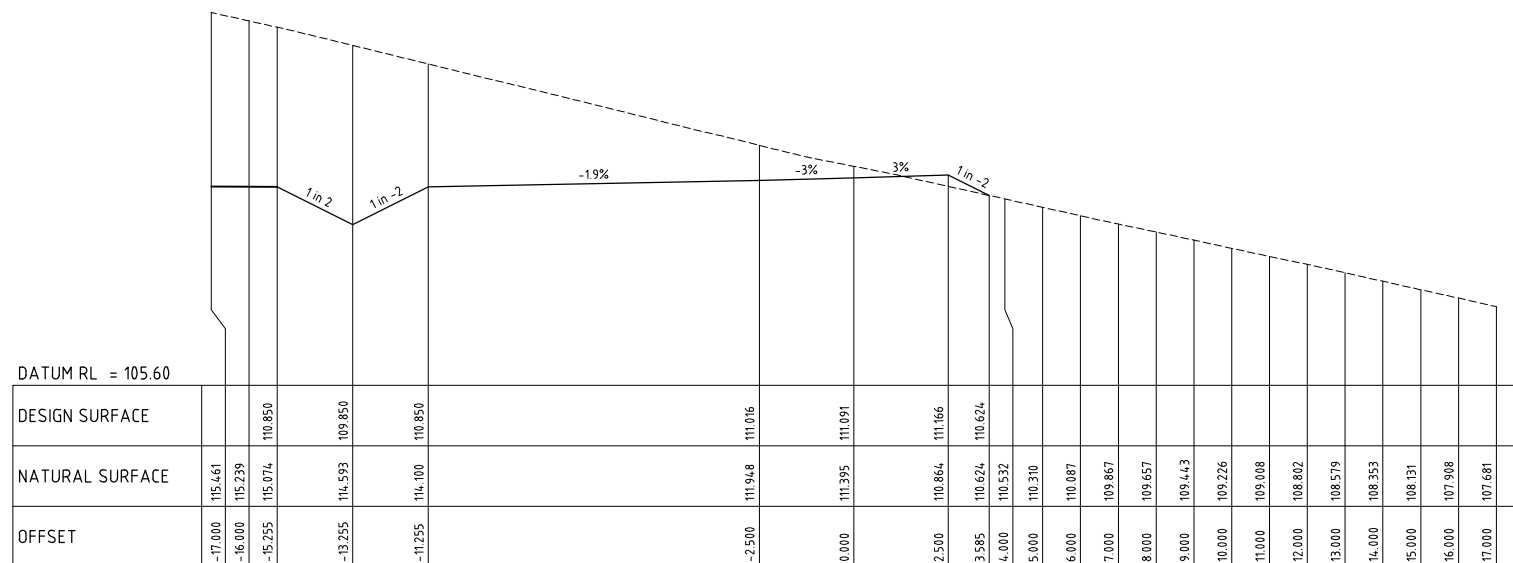
CH 32.916



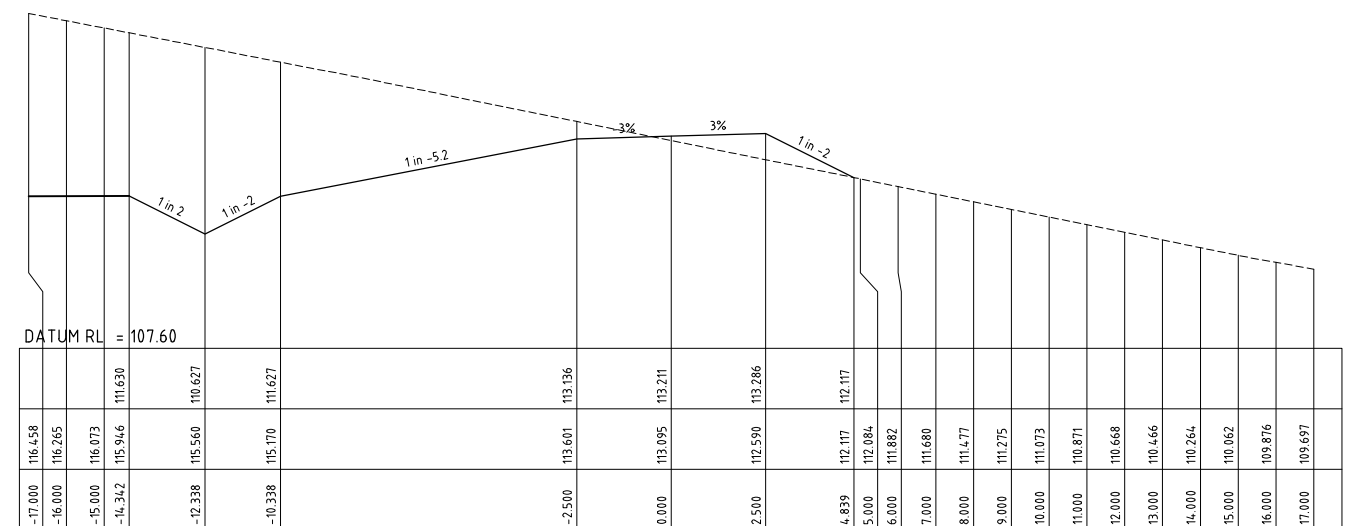
CH 90.000



CH 80.628



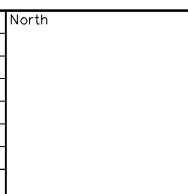
CH 30.000



CH 60.000

PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

REVISION	Description	Drawn	App'd	Date	
7	CLIENT COMMENTS		A.M	I.H	21.07.25
5	DRAWING NUMBER CHANGE		A.M	I.H	03.07.25
4	CLIENT COMMENTS		A.M	I.H	30/06/25
3	GENERAL AMENDMENTS		A.M	I.H	26.06.25
2	GENERAL AMENDMENTS		A.M	I.H	12.06.25



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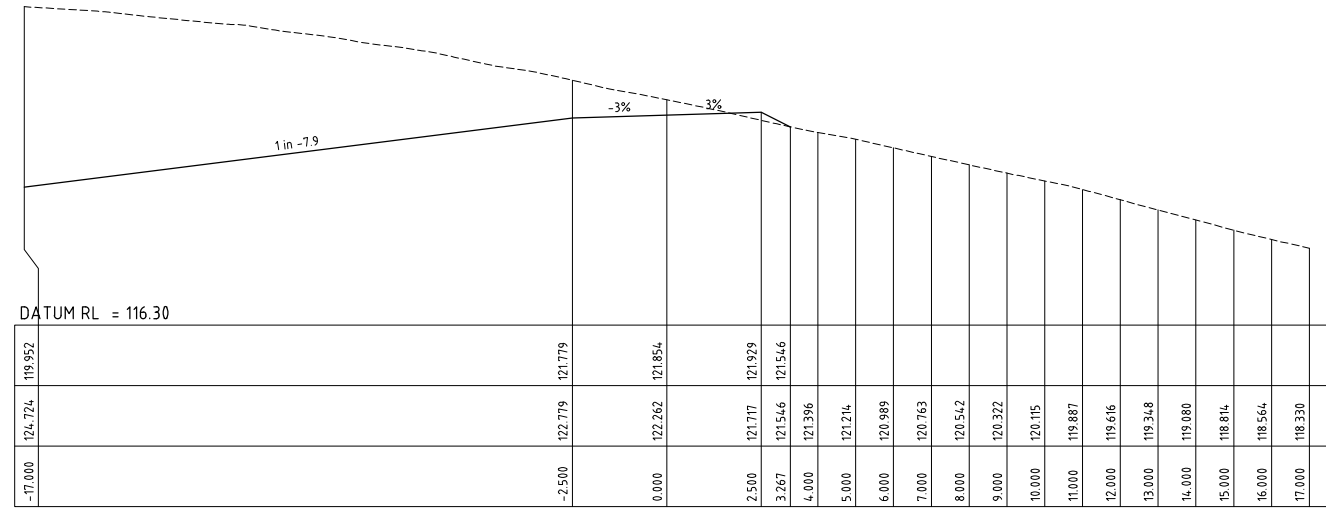
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Scale 1:100
Cad Reference 25090C C44 r7
Project Approval IAN HILL (B.E)
Consulting Civil Engineer

Client

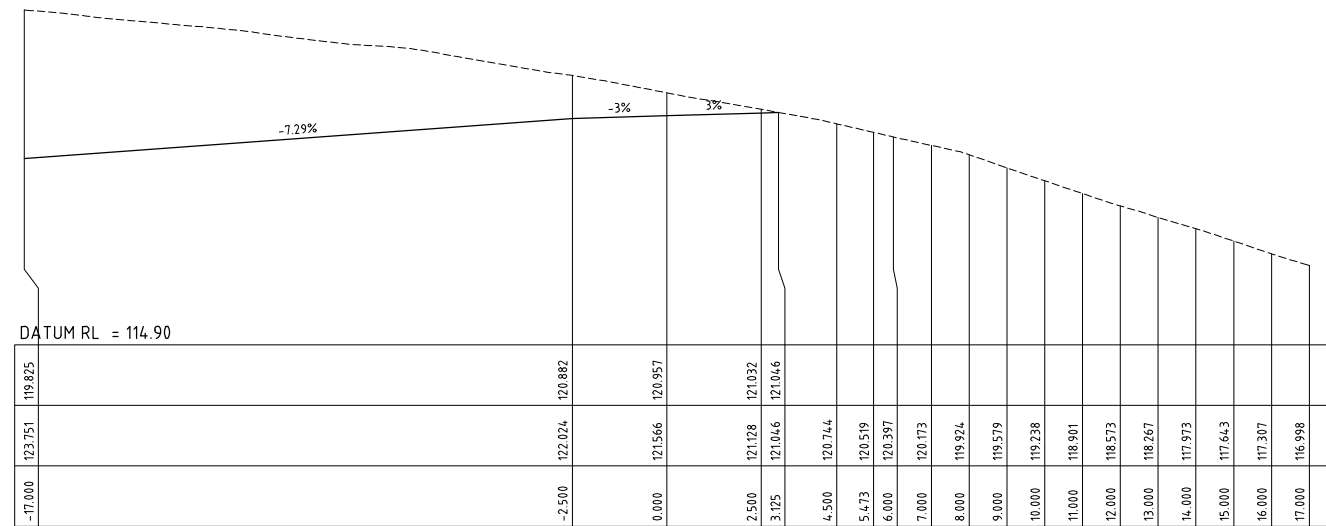


**PROPOSED HAUL ROAD WORKS
BLUESTONE HARDROCK QUARRY
SPRINGVALE ROAD, ELDERSLIE**
PROCESSING ACCESS ROAD CROSS SECTIONS SHEET 1 OF 3

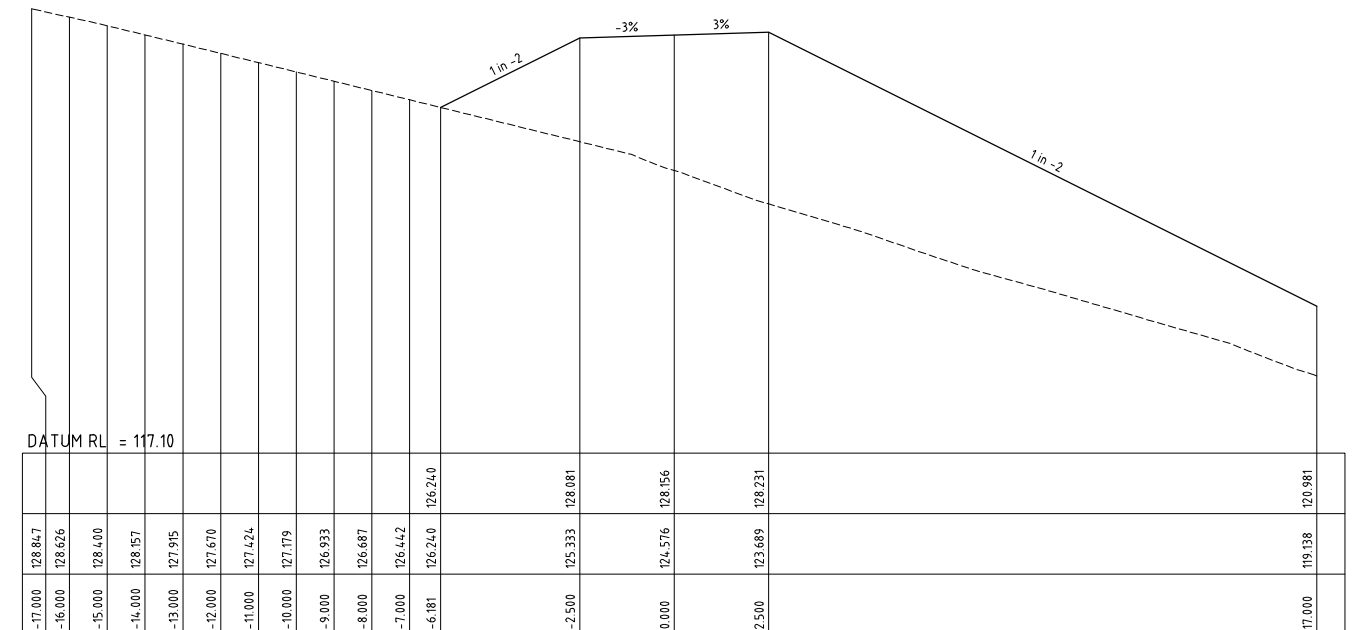
Project No	25090C	
Drawing No	C44	Revision 7
A1 SHEET		



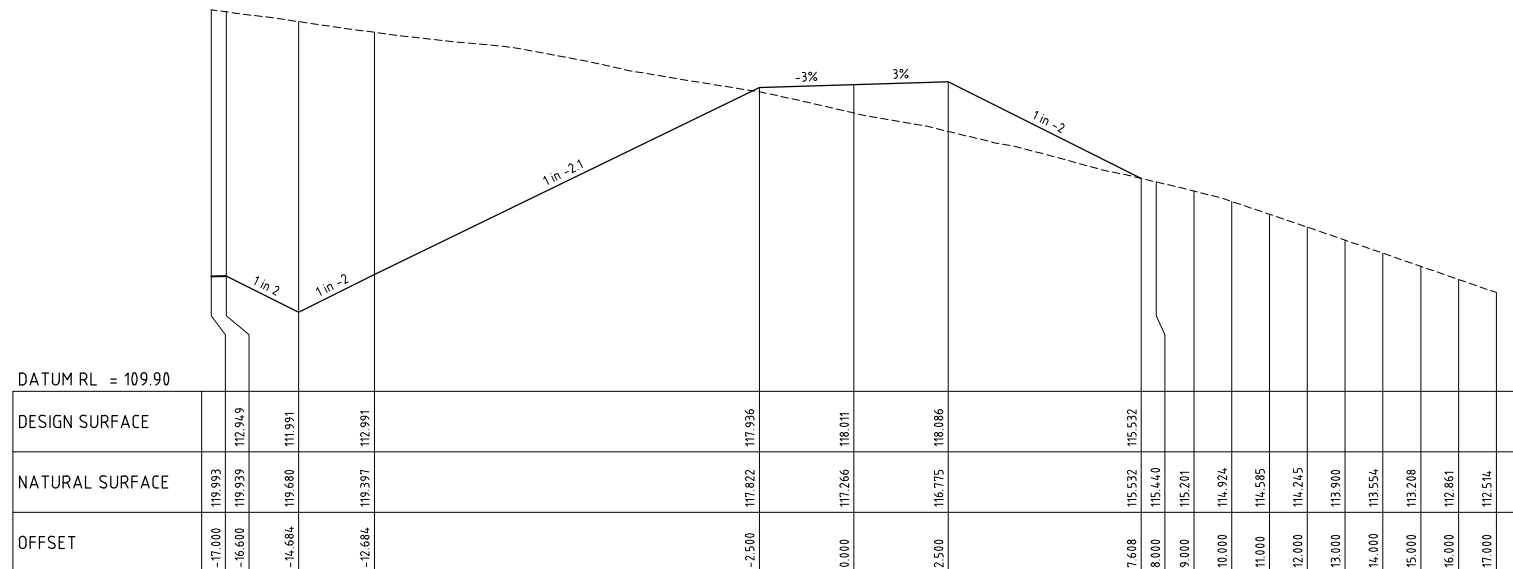
CH 157.490



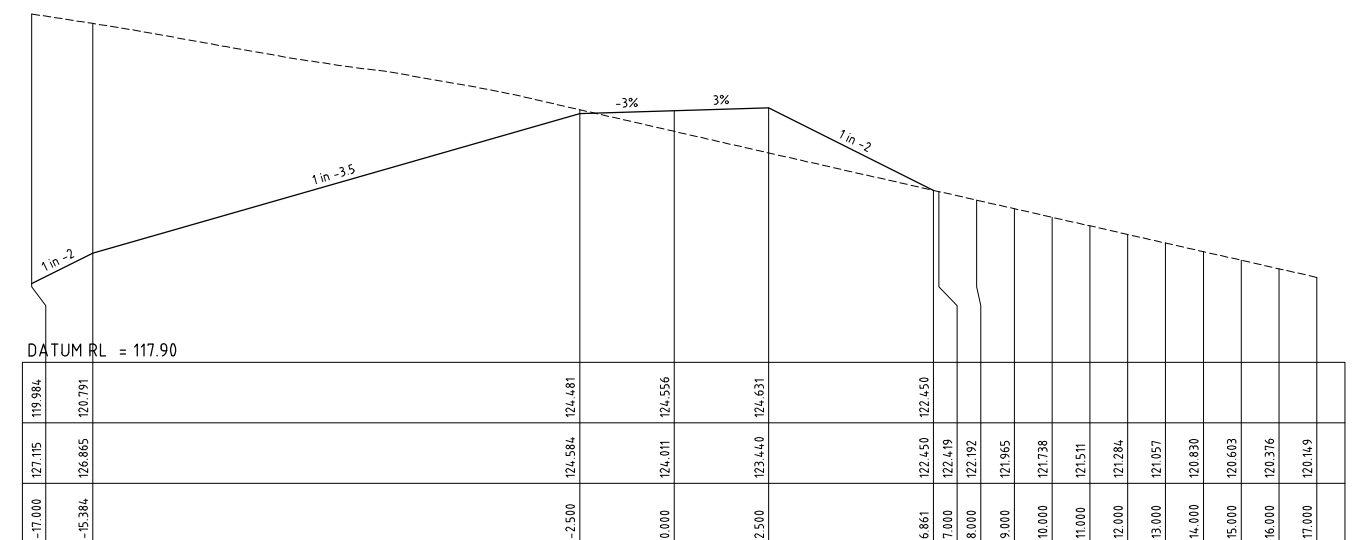
CH 150.000



CH 210.000



CH 120.000



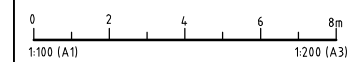
CH 180.000

PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

REVISION	Description	Drawn	App'd	Date	
5	DRAWING NUMBER CHANGE		AM	1H	03.07.25
4	CLIENT COMMENTS		AM	1H	30/06/25
3	GENERAL AMENDMENTS		AM	1H	26.06.25
2	GENERAL AMENDMENTS		AM	1H	12.06.25

North

Scale



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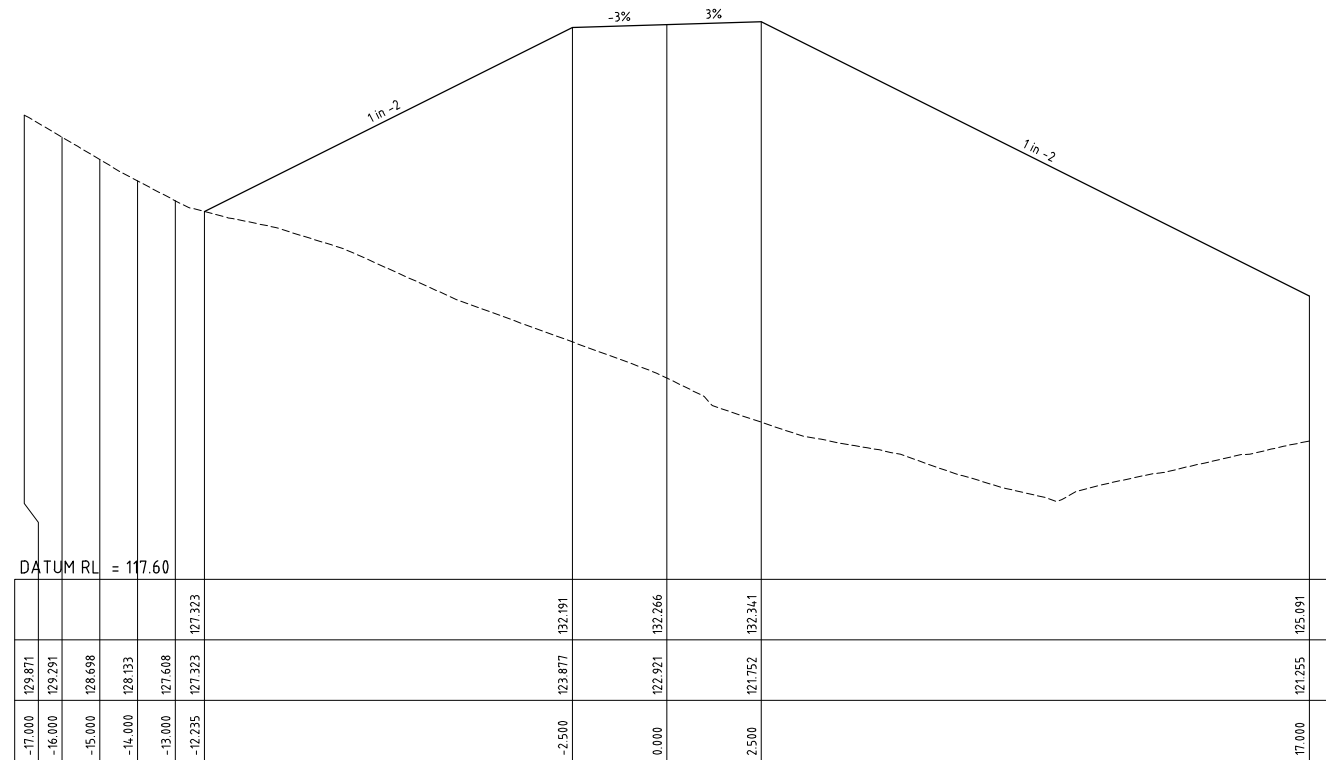
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Scale 1:100
Cad Reference 25090C C45 r5
Project Approval IAN HILL (B.E)
Consulting Civil Engineer

Client

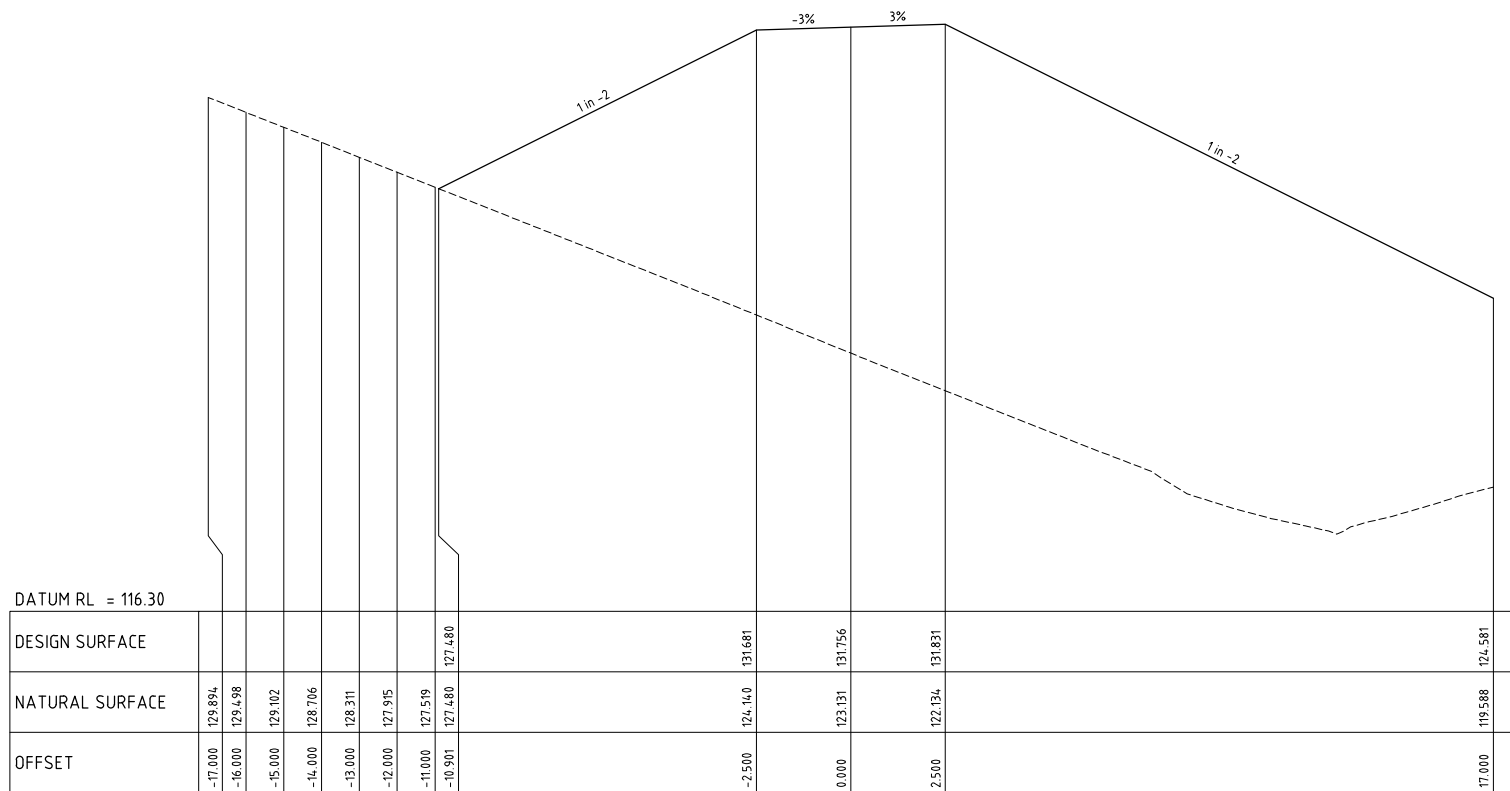


PROPOSED HAUL ROAD WORKS
BLUESTONE HARDROCK QUARRY
SPRINGVALE ROAD, ELDERSLIE
PROCESSING ACCESS ROAD CROSS SECTIONS SHEET 2 OF 3

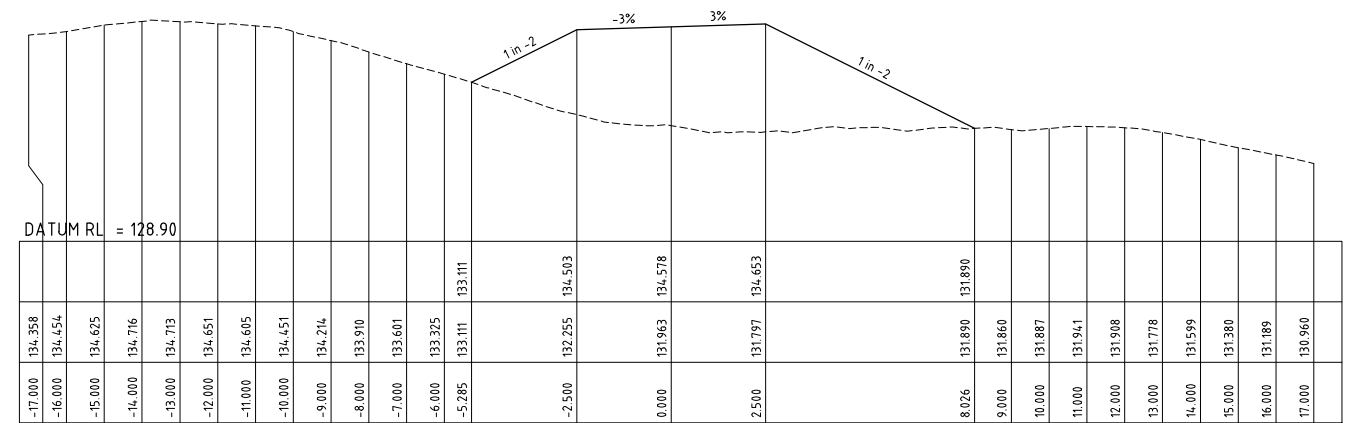
Project No	
25090C	
Drawing No	Revision
C45	5
A1 SHEET	



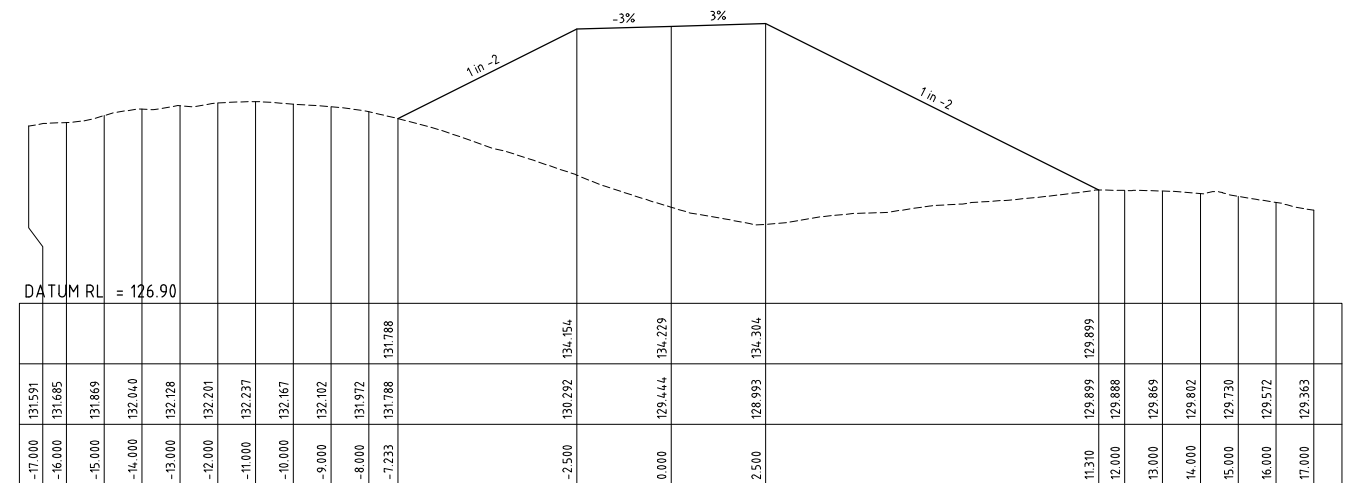
CH 244.252



CH 240.000



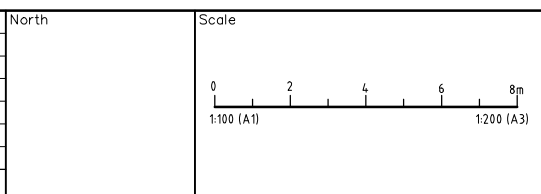
CH 270.000



CH 264.442

PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

REVISION	Description	Drawn	App'd	Date	
5	DRAWING NUMBER CHANGE		AM	1H	03.07.25
4	CLIENT COMMENTS		AM	1H	30/06/25
3	GENERAL AMENDMENTS		AM	1H	26.06.25
2	GENERAL AMENDMENTS		AM	1H	12.06.25



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Scale: 1:100
Cad Reference: 25090C C46 r5
Project Approval: IAN HILL (B.E.)
Consulting Civil Engineer

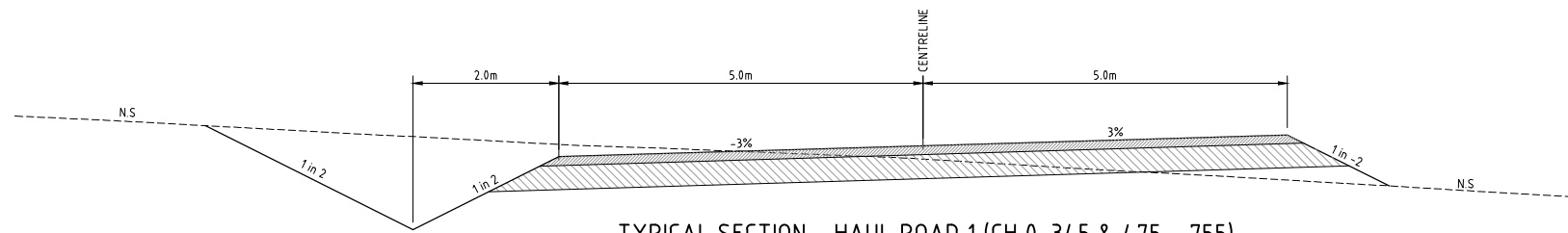
GCA
ENGINEERING SOLUTIONS

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

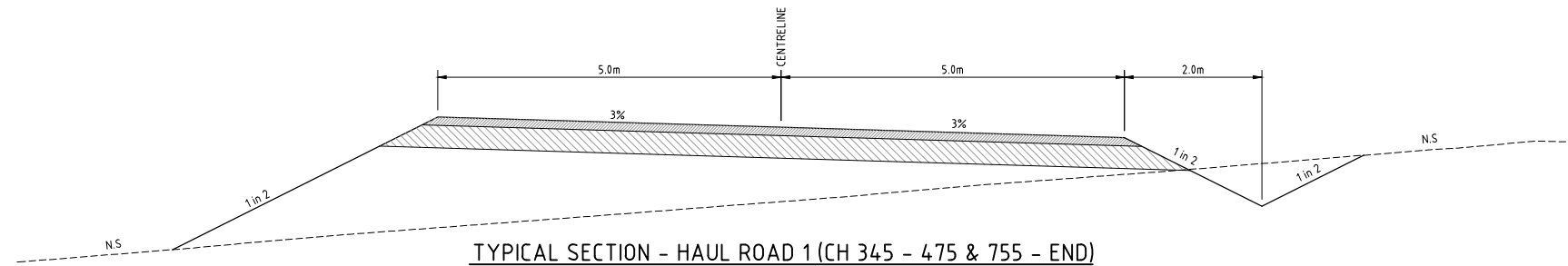
**PROPOSED HAUL ROAD WORKS
BLUESTONE HARDROCK QUARRY
SPRINGVALE ROAD, ELDERSLIE**

PROCESSING ACCESS ROAD CROSS SECTIONS SHEET 3 OF 3

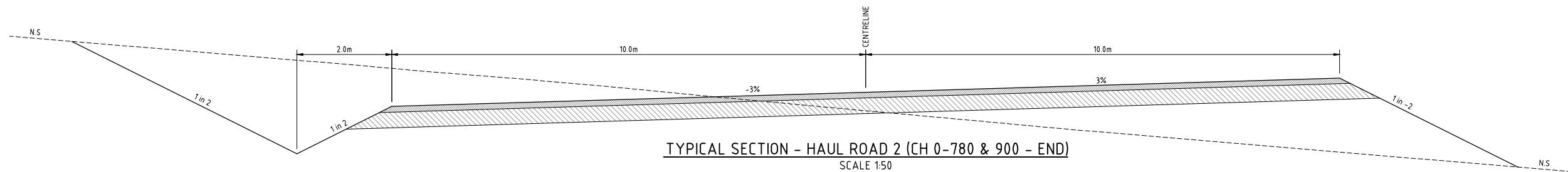
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Drawing No	C46	Revision	5
A1 SHEET			



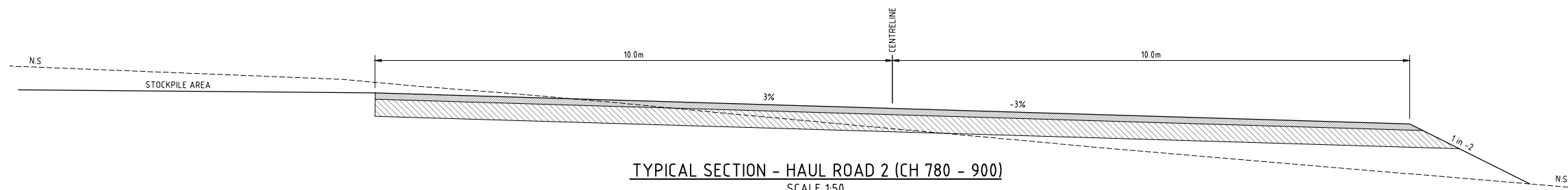
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SCALE 1:50



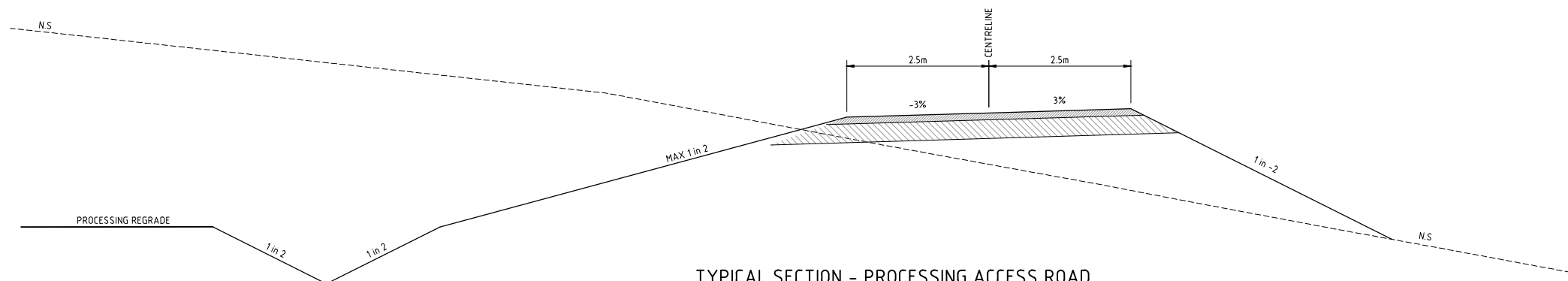
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SCALE 1:50



TYPICAL SECTION - HAUL ROAD 2 (CH 0-780 & 900 - END)
SCALE 1:50



TYPICAL SECTION - HAUL ROAD 2 (CH 780 - 900)
SCALE 1:50

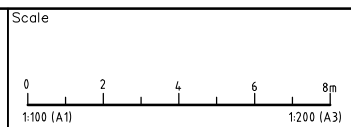


TYPICAL SECTION - PROCESSING ACCESS ROAD
SCALE 1:50

PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

REVISION	Description	Drawn	App'd	Date
7	CLIENT COMMENTS	A.M	I.H	21.07.25
5	DRAWING NUMBER CHANGE	A.M	I.H	03.07.25
4	CLIENT COMMENTS	A.M	I.H	30/06/25
3	GENERAL AMENDMENTS	A.M	I.H	26.06.25
2	GENERAL AMENDMENTS	A.M	I.H	12.06.25

North



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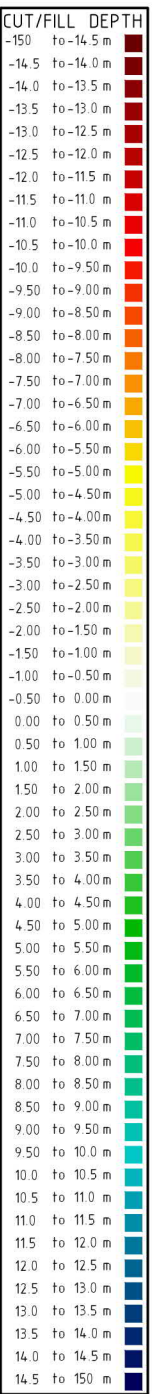
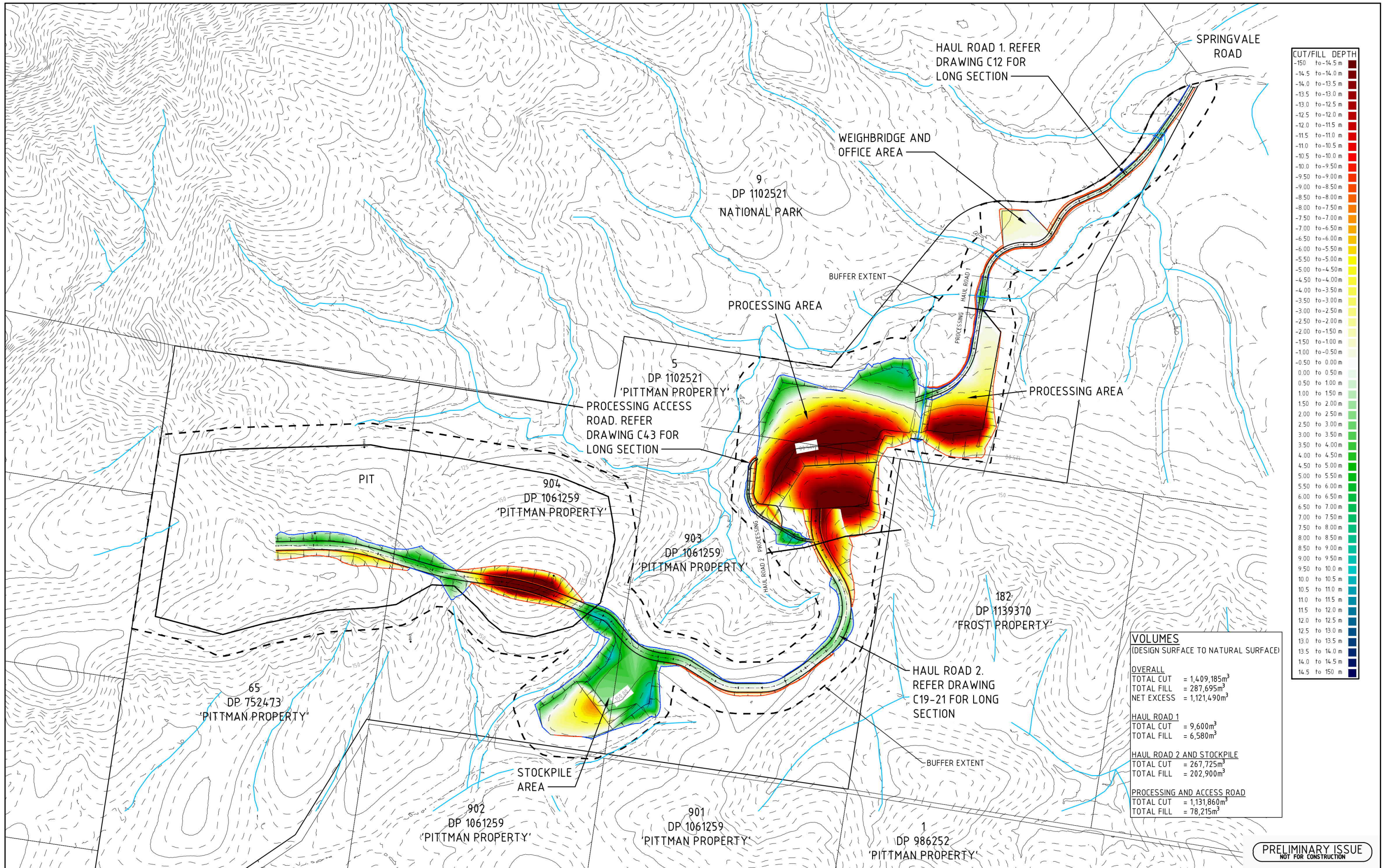
Designed AM
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Cad Reference 25090C C47 r7
Project Approval IAN HILL (B.E)
Consulting Civil Engineer

Client



**PROPOSED HAUL ROAD WORKS
BLUESTONE HARDROCK QUARRY
SPRINGVALE ROAD, ELDERSLIE**
TYPICAL SECTIONS

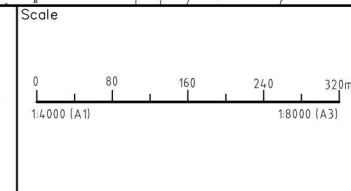
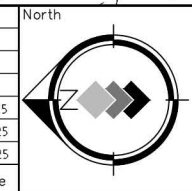
Project No 25090C	
Drawing No C47	Revision 7
A1 SHEET	



VOLUMES (DESIGN SURFACE TO NATURAL SURFACE)	
OVERALL	
TOTAL CUT	= 1,409,185m ³
TOTAL FILL	= 287,695m ³
NET EXCESS	= 1,121,490m ³
HAUL ROAD 1	
TOTAL CUT	= 9,600m ³
TOTAL FILL	= 6,580m ³
HAUL ROAD 2 AND STOCKPILE	
TOTAL CUT	= 267,725m ³
TOTAL FILL	= 202,900m ³
PROCESSING AND ACCESS ROAD	
TOTAL CUT	= 1,131,860m ³
TOTAL FILL	= 78,215m ³

PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

REVISION	Description	Drawn	App'd	Date
7	CLIENT COMMENTS	AM	IH	21.07.25
6	CLIENT COMMENTS	AM	IH	08.07.25
5	ORIGINAL ISSUE	AM	IH	04.07.25



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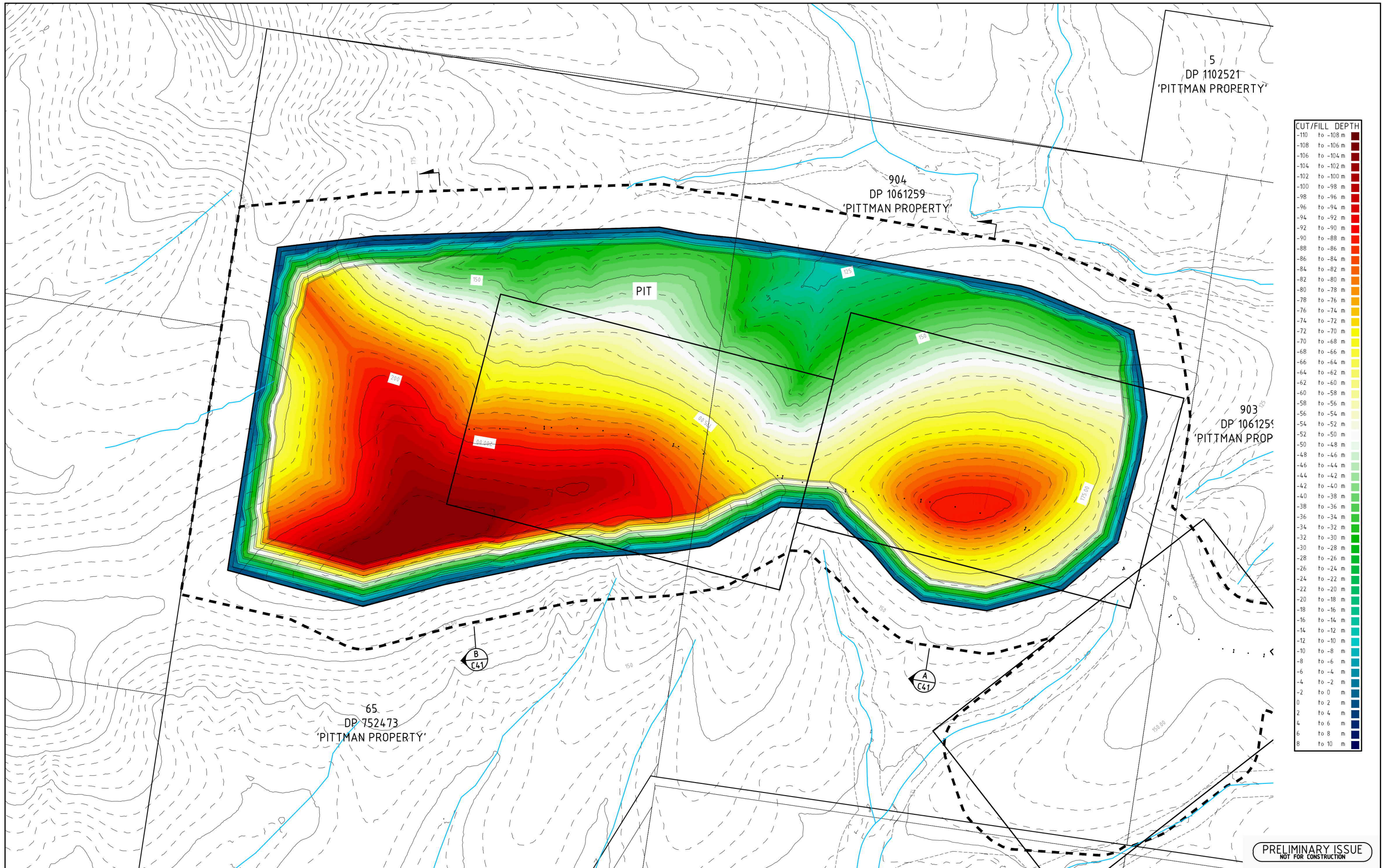
Designed
AM
Scale
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Cad Reference
25090C C48 r7
Project Approval
IAN HILL (B.E)
Consulting Civil Engineer

Client



PROPOSED HAUL ROAD WORKS
BLUESTONE HARDROCK QUARRY
SPRINGVALE ROAD, ELDERSLIE
CUT FILL SHADE PLOT

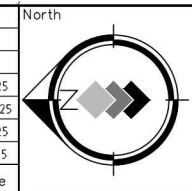
Project No		25090C	
Drawing No	Revision	C48	7
A1 SHEET			



CUT/FILL DEPTH	
-110 to -108 m	Dark Red
-108 to -106 m	Red
-106 to -104 m	Dark Orange
-104 to -102 m	Orange
-102 to -100 m	Light Orange
-98 to -96 m	Yellow-Orange
-94 to -92 m	Yellow
-92 to -90 m	Light Yellow
-90 to -88 m	Yellow-Green
-88 to -86 m	Light Green
-86 to -84 m	Green
-82 to -80 m	Light Green
-80 to -78 m	Green
-78 to -76 m	Light Green
-76 to -74 m	Green
-74 to -72 m	Light Green
-72 to -70 m	Green
-70 to -68 m	Light Green
-68 to -66 m	Green
-66 to -64 m	Light Green
-64 to -62 m	Green
-62 to -60 m	Light Green
-60 to -58 m	Green
-58 to -56 m	Light Green
-56 to -54 m	Green
-54 to -52 m	Light Green
-52 to -50 m	Green
-50 to -48 m	Light Green
-48 to -46 m	Green
-46 to -44 m	Light Green
-44 to -42 m	Green
-42 to -40 m	Light Green
-40 to -38 m	Green
-38 to -36 m	Light Green
-36 to -34 m	Green
-34 to -32 m	Light Green
-32 to -30 m	Green
-30 to -28 m	Light Green
-28 to -26 m	Green
-26 to -24 m	Light Green
-24 to -22 m	Green
-22 to -20 m	Light Green
-20 to -18 m	Green
-18 to -16 m	Light Green
-16 to -14 m	Green
-14 to -12 m	Light Green
-12 to -10 m	Green
-10 to -8 m	Light Green
-8 to -6 m	Green
-6 to -4 m	Light Green
-4 to -2 m	Green
-2 to 0 m	Light Green
0 to 2 m	Green
2 to 4 m	Light Green
4 to 6 m	Green
6 to 8 m	Light Green
8 to 10 m	Green

PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

REVISION	Description	Drawn	App'd	Date
5	DRAWING NUMBER CHANGE	AM	IH	03.07.25
4	CLIENT COMMENTS	AM	IH	30/06/25
3	GENERAL AMENDMENTS	AM	IH	26.06.25
2	GENERAL AMENDMENTS	AM	IH	12.06.25



Scale
0 80 160 240 320m
1:4000 (A3) 1:8000 (A3)

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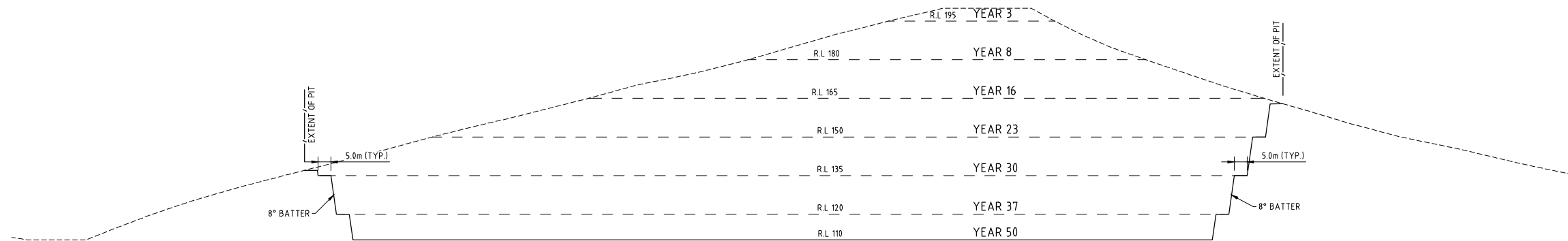
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Scale 1:2000
Cad Reference 25090C C49 r5
Project Approval IAN HILL (B.E)
Consulting Civil Engineer

Client



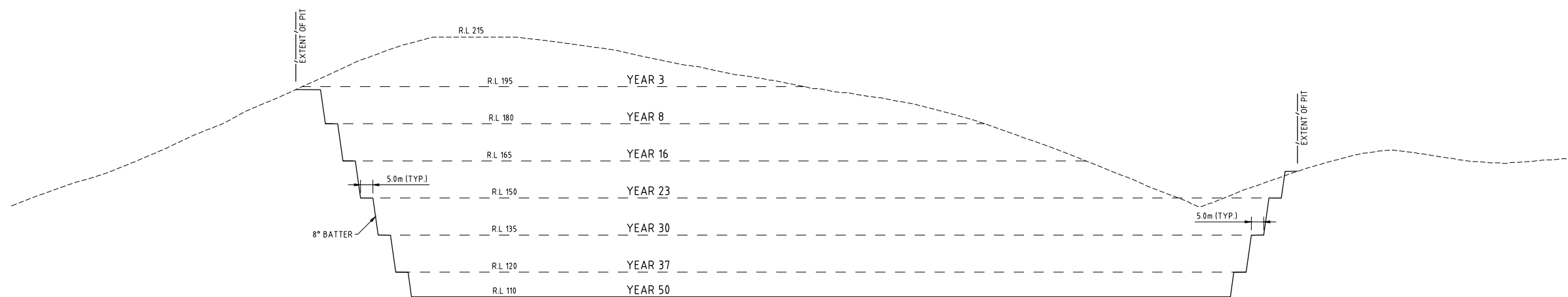
**PROPOSED HAUL ROAD WORKS
BLUESTONE HARDROCK QUARRY
SPRINGVALE ROAD, ELDERSLIE**
PROCESSING ACCESS ROAD CROSS SECTIONS SHEET 3 OF 3

Project No	25090C	
Drawing No	C49	Revision 5
A1 SHEET		



PIT SECTION A
SCALE 1:1000

APPROXIMATE PIT VOLUMES		
STAGE	R.L.	CUT VOLUME (m ³)
YEAR 3	215 - 195	835,951
YEAR 8	195 - 180	1,834,319
YEAR 16	180 - 165	2,918,828
YEAR 23	165 - 150	3,866,595
YEAR 30	150 - 135	4,517,433
YEAR 37	135 - 120	4,720,182
YEAR 50	120 - 110	3,011,050
TOTAL		21,704,359

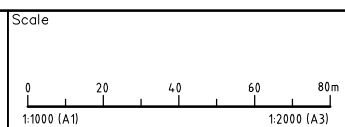


PIT SECTION B
SCALE 1:1000

PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

REVISION	Description	Drawn	App'd	Date
5	DRAWING NUMBER CHANGE	AM	IH	03.07.25
4	CLIENT COMMENTS	AM	IH	30/06/25
3	GENERAL AMENDMENTS	AM	IH	26.06.25
2	GENERAL AMENDMENTS	AM	IH	12.06.25

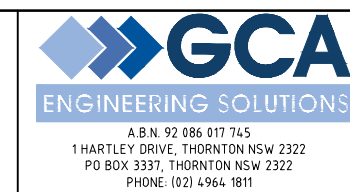
North



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Designed
AM
Scale
1:2000
Cad Reference
25090C C50 r5
Project Approval
IAN HILL (B.E)
Consulting Civil Engineer

Client



**PROPOSED HAUL ROAD WORKS
BLUESTONE HARDROCK QUARRY
SPRINGVALE ROAD, ELDERSLIE**
TYPICAL SECTIONS

Project No 25090C	
Drawing No C50	Revision 5
A1 SHEET	