

BANANA SHIRE COUNCIL THEODORE - MOURA ROAD REHABILITATION



LOCALITY PLAN
N.T.S

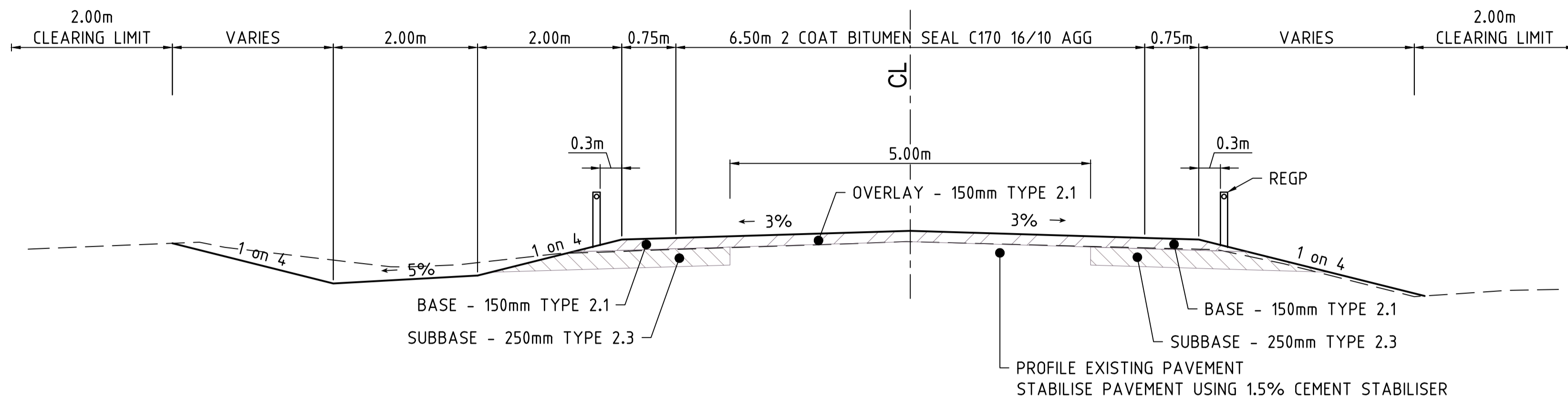
DRAWING INDEX			
SHEET No.	DRAWING No.	DRAWING TITLE	REVISION
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27	XS-17	CROSS SECTIONS - SHEET 17 OF 21	
28	XS-18	CROSS SECTIONS - SHEET 18 OF 21	
29	XS-19	CROSS SECTIONS - SHEET 19 OF 21	
30	XS-20	CROSS SECTIONS - SHEET 20 OF 21	
31	XS-21	CROSS SECTIONS - SHEET 21 OF 21	

ISO A1 594mm x 841mm
FILENAME: F:\03 MCE\Theodore-Moura Road\CAD\LOCALITY PLAN & DRAWING INDEX.dwg
PLOT DATE: 5/12/2023 8:30:50 AM

<p>PROJECT STAMP</p> <p style="color: red; font-weight: bold; font-size: 1.2em;">ISSUED FOR INFORMATION</p>	<p>DRAWING SCALE</p> <p style="text-align: center;">NOT TO SCALE</p>	<p>ISSUE REVISION</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>ISSUE</th> <th>REV</th> <th>DATE</th> <th>DES</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>INFO</td> <td>A</td> <td></td> <td></td> <td>ISSUED FOR INFORMATION</td> </tr> </tbody> </table>	ISSUE	REV	DATE	DES	DESCRIPTION	INFO	A			ISSUED FOR INFORMATION	<p>PROJECT MANAGEMENT</p> <p style="font-size: 0.7em;">THIS DOCUMENT IS UNCONTROLLED AND IS NOT TO BE USED FOR CONSTRUCTION UNTIL THIS NOTE IS REMOVED AND A DIGITAL SIGNATURE PROVIDED IN ITS PLACE</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.7em;"> <thead> <tr> <th colspan="3">RPEQ CERTIFICATION</th> </tr> <tr> <th>DESIGNER</th> <th>CHECKED</th> <th>APPROVED</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td>INTERNAL PROJECT NO.</td> <td colspan="2">R012-23-24</td> </tr> <tr> <td>DATUM</td> <td>SURVEY</td> <td></td> </tr> </tbody> </table>	RPEQ CERTIFICATION			DESIGNER	CHECKED	APPROVED				INTERNAL PROJECT NO.	R012-23-24		DATUM	SURVEY		<p>McMurtrie Consulting Engineers</p> <p style="font-size: 0.8em;">ROCKHAMPTON BUNDABERG PH (07) 4921 1780 mail@mcmengineers.com MCMENGINEERS.COM</p>	<p>PROJECT IDENTIFIER</p> <p style="font-size: 0.7em;">CLIENT BANANA SHIRE COUNCIL PROJECT THEODORE-MOURA ROAD TITLE LOCALITY PLAN & DRAWING INDEX</p> <p style="font-size: 0.7em;">DRAWING NUMBER R012-23-24-DI-01</p>	<p style="font-size: 0.7em;">REVISION</p> <p style="font-size: 1.5em; font-weight: bold;">A</p>
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ISO A1 - 594mm x 841mm

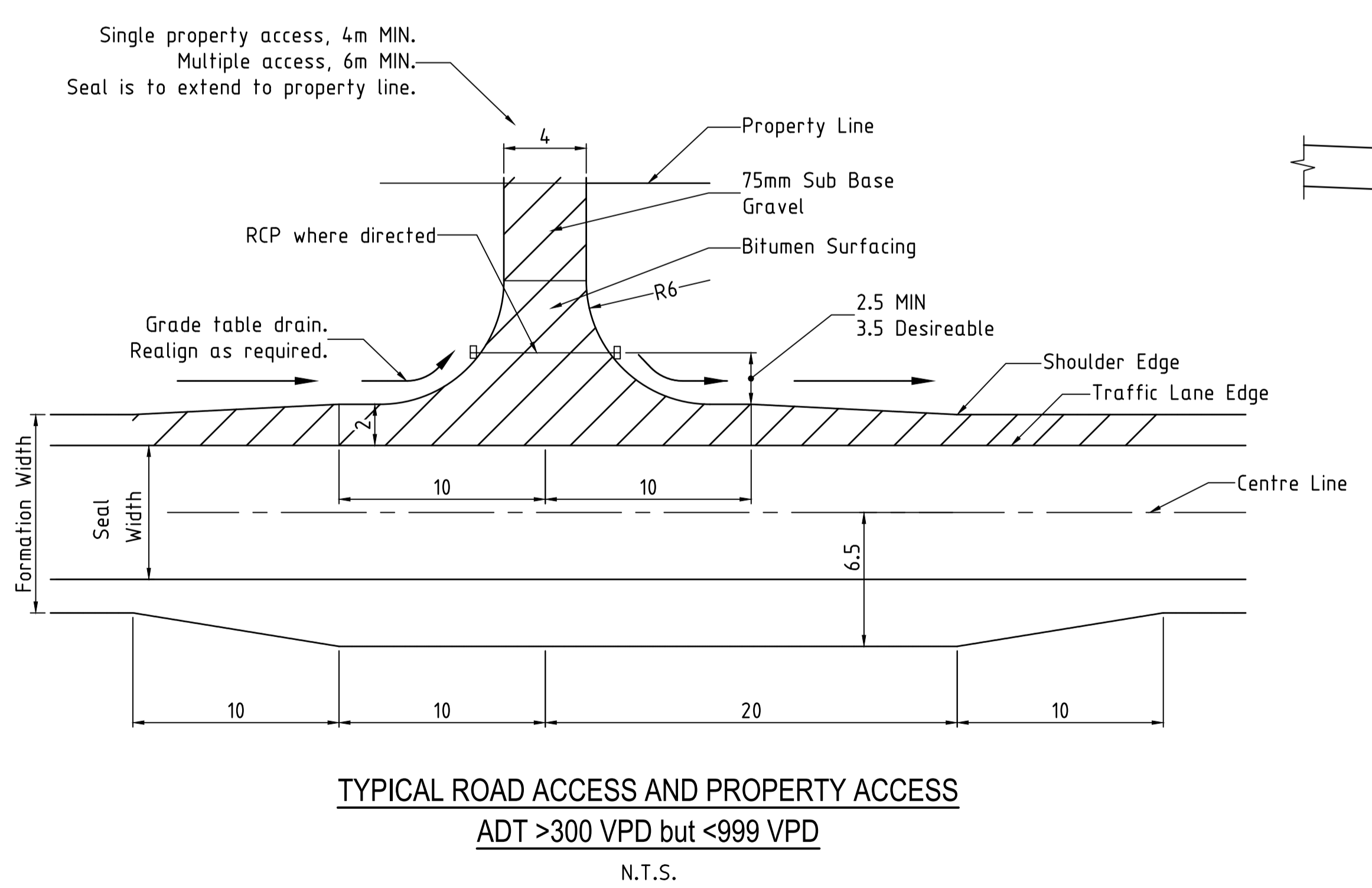


TYPICAL SECTION - THEODORE - MOURA ROAD
SCALE: 1:50(A1) 1:100(A3)
CHAINAGE: 37920.000 - 40100.000

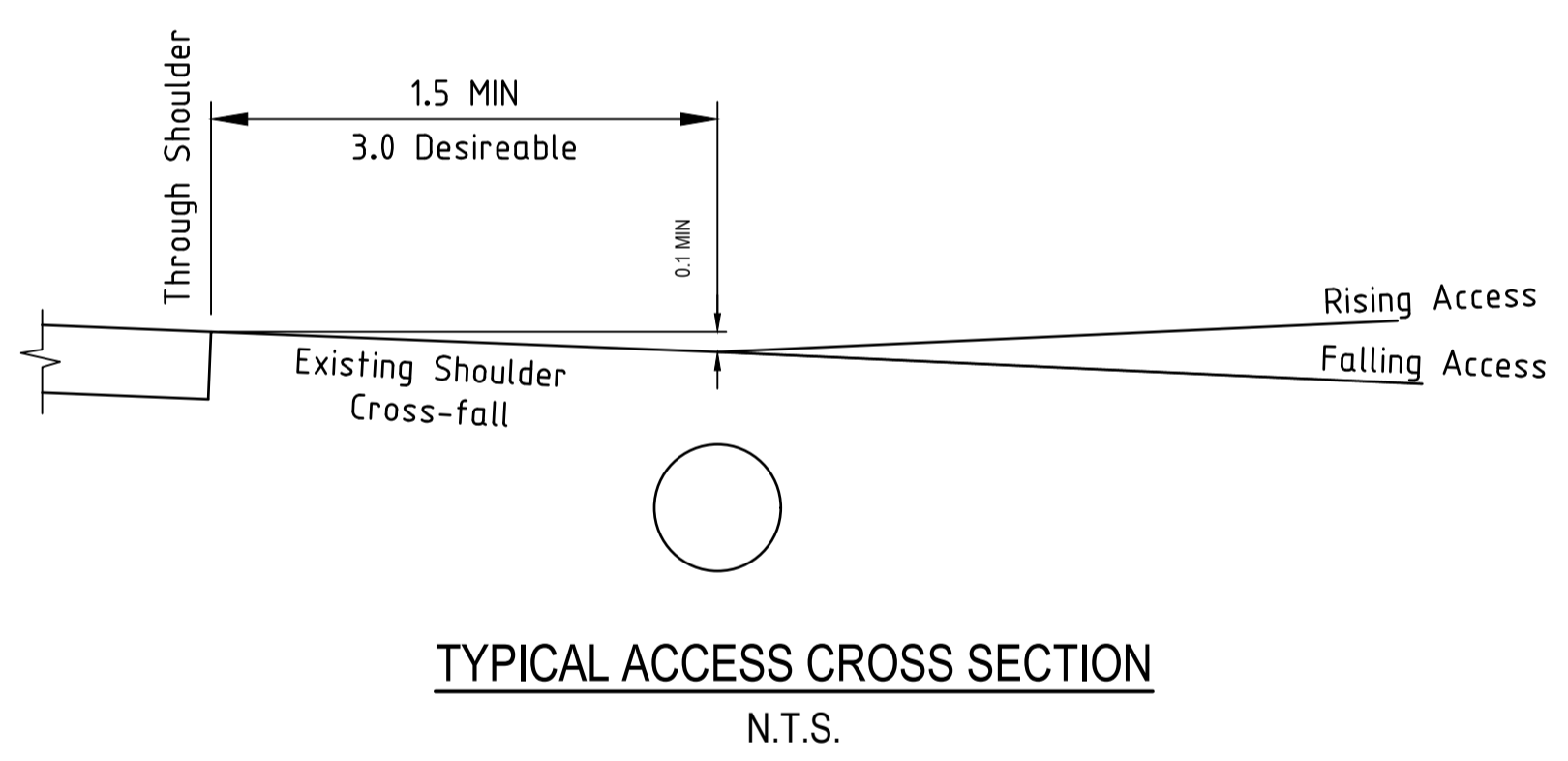
NOTE
REGP = ROAD EDGE GUIDE POST. REFER TMR STD DRG NO. 1356, SPACING AS PER MUTCD, PART 2

SURVEY CONTROL POINTS				
ID NUMBER	EASTING	NORTHING	ELEVATION	TYPE
PM753144	193734.722	7279766.682	142.157	Standard Plaque
STN13	193790.151	7279900.428	141.372	Star Pkt Fd (existing STN201)
STN12	193847.926	7279956.901	141.362	Screw in Conc
STN11	193879.752	7279946.125	141.638	Star Pkt
STN10	193893.967	7279812.997	142.720	Star Pkt
STN9	193957.866	7279722.680	144.744	Star Pkt
STN8	194022.796	7279534.150	144.382	Star Pkt
STN7	194019.938	7279434.247	143.271	Plug in Conc
STN6	194091.227	7279329.273	142.293	Star Pkt
STN5	194170.496	7279148.179	141.578	Star Pkt
STN4	194290.117	7278959.501	141.580	Star Pkt
STN3	194451.091	7278804.597	142.069	Star Pkt
STN2	194588.661	7278615.183	142.281	Star Pkt Fd (existing CHES6)
STN1	194773.390	7278400.533	142.005	Star Pkt Fd (existing CHES5)

MCA1 SETOUT DETAILS								
PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	RAD/SPIRAL	A.LENGTH	DEFL.ANGLE
IP 1	37920.000	195201.460	7277425.524	142.273	336°43'49.63"			
TC	38751.981	194872.780	7278189.829	139.425	336°43'49.63"			
IP 2	38996.251	194775.472	7278416.106	142.591		R = -1550.000	488.540	18°03'32.05"
CT	39240.522	194612.813	7278601.071	142.919	318°40'17.59"			
TC	39775.878	194259.278	7279003.089	142.042	318°40'17.59"			
IP 3	39939.166	194150.248	7279127.071	141.948		R = 900.000	326.576	20°47'25.70"
CT	40102.454	194092.325	7279281.681	142.105	339°27'43.29"			
TC	40130.795	194082.382	7279308.221	142.334	339°27'43.29"			
IP 4	40158.871	194072.531	7279334.516	142.642		R = 1500.000	56.153	2°08'41.61"
CT	40186.948	194063.670	7279361.161	142.950	341°36'24.90"			
IP 5	40432.373	193986.230	7279594.048	145.644	341°36'24.90"			



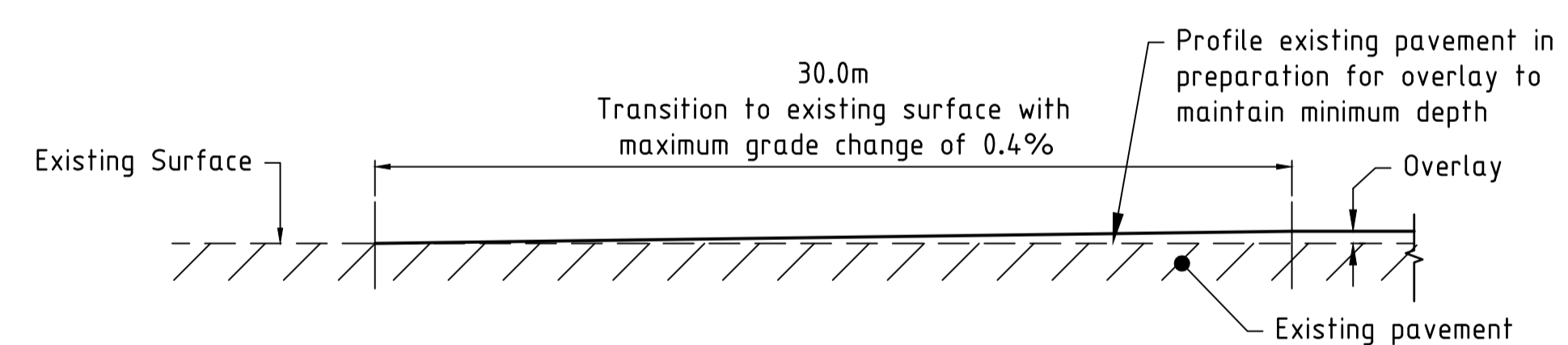
TYPICAL ROAD ACCESS AND PROPERTY ACCESS
ADT >300 VPD but <999 VPD
N.T.S.



TYPICAL ACCESS CROSS SECTION
N.T.S.

NOTES:

1. Access details to be confirmed by the Principal.
2. Typical Road Access and Property Access to be constructed in accordance with CMDG-R-040.
3. Where culvert is required, engineering advice to be sought on appropriate pipe size for proposed driveway location.
4. A road opening permit must be obtained from Council, seeking approval of location and levels prior to excavation or construction.
5. Main Roads Approval is required where access is required to a Declared Main Road.
6. Precast Endwalls/Wingwalls may be used. Precast sloping Headwalls to be used where culvert is ≤2.0m from the shoulder edge of road.
7. Where appropriate, a suitably designed reinforced concrete invert for Vehicular access may be approved.
8. All dimensions in metres.
9. Guide posts to be provided in accordance with Manual of Uniform Traffic Control Devices Section Part 2 Section 4.2.



LONGITUDINAL RAMP TO EXISTING SURFACE

Formation and Bitumen Surfacing ramps to be provided at change of height between new works and existing as specified or as directed by the Contract Administrator.

START CHAINAGE	RAMP HEIGHT	END CHAINAGE	COMMENT
37920.000	0.150m	37950.0000	Overlay
40070.000	0.150m	40100.000	Overlay

PROJECT STAMP

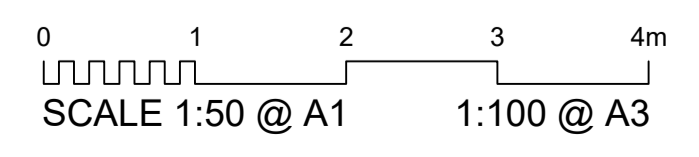
DRAWING SCALE

ISSUE/REVISION

PROJECT MANAGEMENT

PROJECT IDENTIFIER

ISSUED FOR INFORMATION



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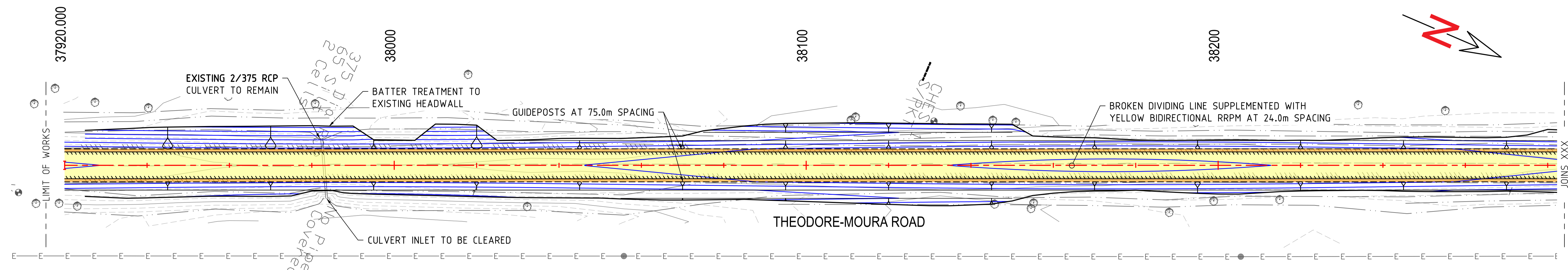
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PROJECT IDENTIFIER
CLIENT BANANA SHIRE COUNCIL
PROJECT THEODORE-MOURA ROAD
TITLE ROADWORKS TYPICAL SECTION
DRAWING NUMBER R012-23-24-TC-01
REVISION A

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LEGEND	
	EXISTING CONTOURS (MAJOR) 0.1m INTERVALS
	EXISTING CONTOURS (MINOR) 0.25m INTERVALS
	MASTER CONTROL ALIGNMENT
	PROPOSED BITUMEN EDGE
	PROPOSED SHOULDER EDGE
	PROPOSED INTERFACE
	EXISTING CENTERLINE
	EXISTING BITUMEN EDGE
	EXISTING FENCELINE
	EXISTING ELECTRICAL (OVERHEAD)
	PROPOSED NEW ROAD PAVEMENT SEAL
	PROPOSED NEW PAVEMENT

NOTE

1. ALL SERVICES LOCATED FROM PLANS PROVIDED BY THE RELEVANT SERVICE AUTHORITY AND SHOWN INDICATIVELY ONLY.

SCOPE OF WORKS

1. SITE ESTABLISHMENT
2. PROVISION FOR TRAFFIC
3. WIDENING OF EXISTING PAVEMENT
4. FULL WIDTH STABILISATION
5. UNBOUND OVERLAY PAVEMENT
6. BITUMEN SURFACING
7. EROSION AND SEDIMENT CONTROLS
8. INSTALL ROAD FURNITURE

SAG CH:37987.728 RL:142.161
IP CH:37990.5 RL:142.094

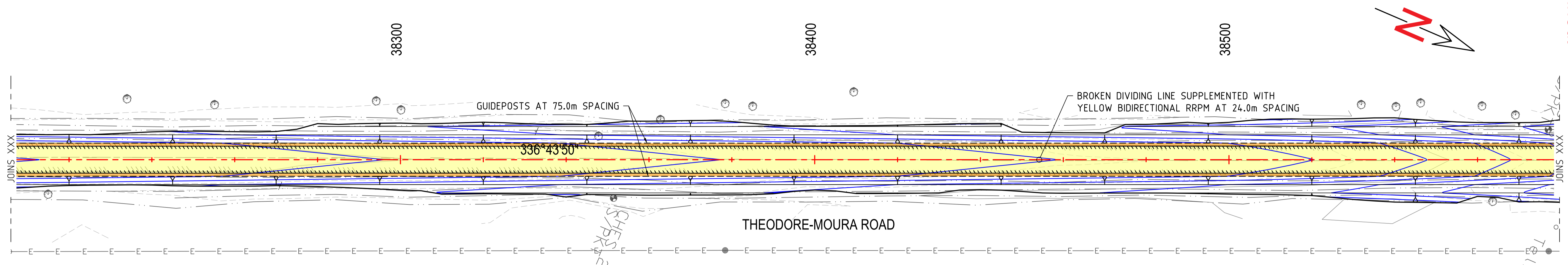
PROPOSED NEW PAVEMENT LEVEL

EXISTING PAVEMENT LEVEL

P CH:38175.827 RL:142.62

GRADE (%)	-0.25 %			0.28 %			-0.31 %	
LENGTH (m)	20.50m			85.33m			265.43m	
CURVE LENGTH (m)		100.00m			100.00m			
CURVE RADIUS (m)		R=8566.29m			R=15912.14m			
HORIZ GEOMETRY								
DATUM 137								
CONTROL LINE	37920.000	37940.000	37960.000	37980.000	37990.500	38000.000	38020.000	
DESIGN HEIGHTS	142.273	142.222	142.182	142.163	142.161	142.165	142.189	
EXISTING SURFACE	142.319	142.243	142.112	142.047	142.041	142.053	142.116	
DEPTH TO EXISTING SURFACE	0.046	0.021	-0.07	-0.116	-0.12	-0.112	-0.073	
MC CONTROL LINE CHAINAGE	37920.000	37940.500	37960.000	37980.000	37990.500	38000.000	38020.000	
SUPER ELEVATION	37920.000							
	LHS and RHS -3%							38260.000

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- SCOPE OF WORKS**
1. SITE ESTABLISHMENT
 2. PROVISION FOR TRAFFIC
 4. WIDENING OF EXISTING PAVEMENT
 5. FULL WIDTH STABILISATION
 6. UNBOUND OVERLAY PAVEMENT
 7. BITUMEN SURFACING
 8. EROSION AND SEDIMENT CONTROLS
 9. INSTALL ROAD FURNITURE

LEGEND

- 18.0 ——— EXISTING CONTOURS (MAJOR) 0.1m INTERVALS
- EXISTING CONTOURS (MINOR) 0.25m INTERVALS
- MASTER CONTROL ALIGNMENT
- PROPOSED BITUMEN EDGE
- PROPOSED SHOULDER EDGE
- PROPOSED INTERFACE
- EXISTING CENTERLINE
- EXISTING BITUMEN EDGE
- EXISTING FENCELINE
- EXISTING ELECTRICAL (OVERHEAD)
- PROPOSED NEW ROAD PAVEMENT SEAL
- PROPOSED NEW PAVEMENT

PROPOSED NEW PAVEMENT LEVEL
EXISTING PAVEMENT LEVEL

GRADE (%)	LENGTH (m)	CURVE LENGTH (m)	CURVE RADIUS (m)	HORIZ GEOMETRY
-0.31 %	265.43m			
		100.00m	R=7187.00m	
DATUM 136				
CONTROL LINE	142.423			
DESIGN HEIGHTS		142.361		
EXISTING SURFACE	142.204	142.187	142.137	142.3
DEPTH TO EXISTING SURFACE	-0.219	-0.174	-0.163	-0.134
MC CONTROL LINE CHAINAGE	38240.000	38260.000	38280.000	38300.000
SUPER ELEVATION	38240.000			38580.000
LHS and RHS -3%				

IP CH:38541.256 RL:141.497

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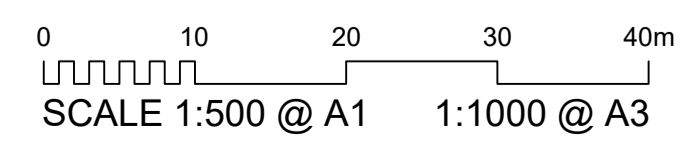
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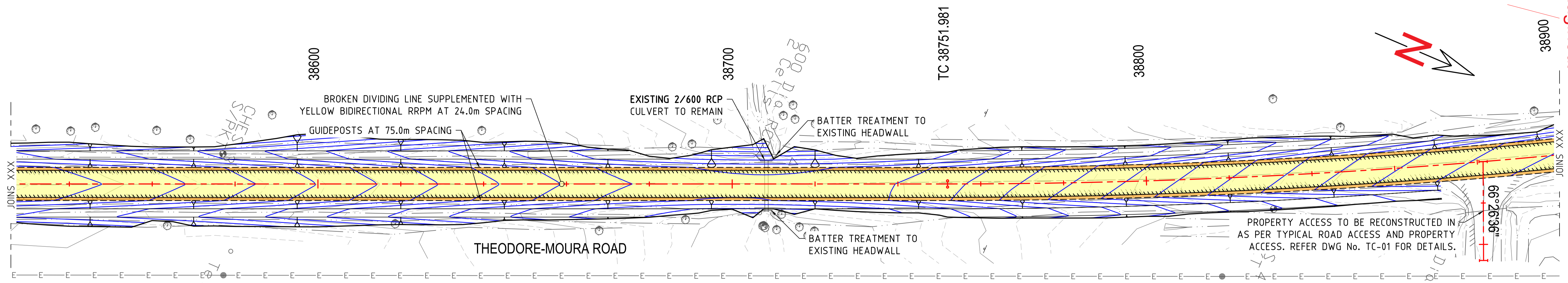
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CLIENT BANANA SHIRE COUNCIL
PROJECT THEODORE-MOURA ROAD
TITLE WORKING PLAN - SHEET 2 OF 7
DRAWING NUMBER R012-23-24-WP-02

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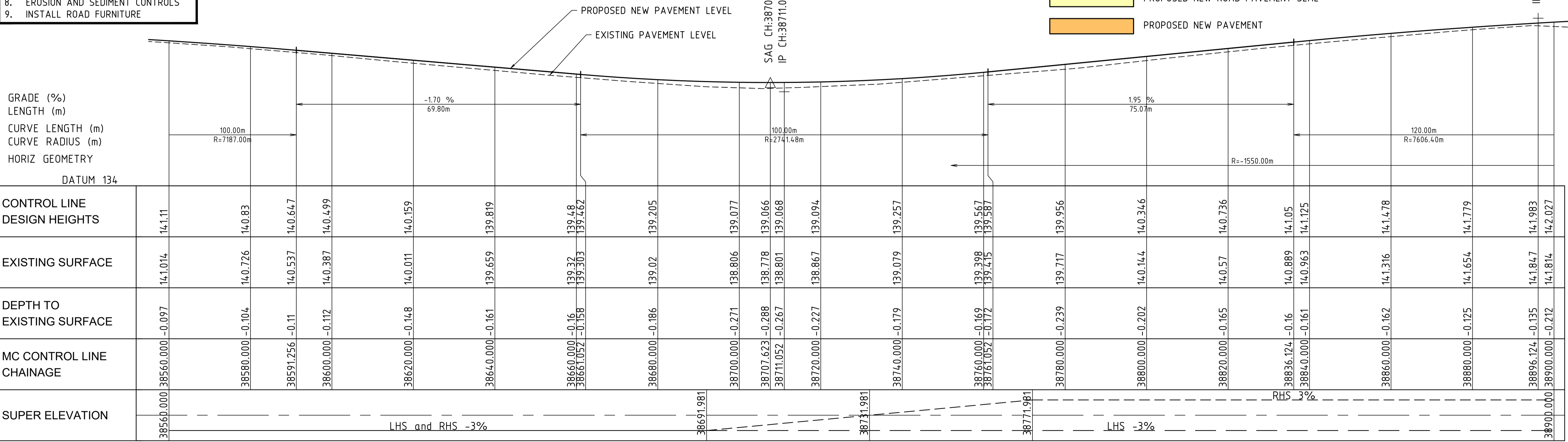


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- SITE ESTABLISHMENT
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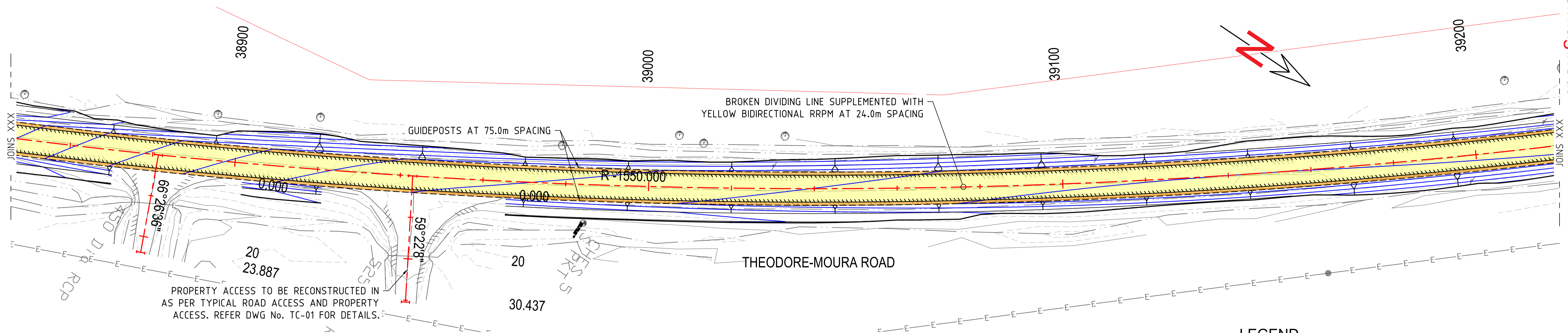
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LEGEND

- 18.0 EXISTING CONTOURS (MAJOR) 0.1m INTERVALS
- EXISTING CONTOURS (MINOR) 0.25m INTERVALS
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- PROPOSED BITUMEN EDGE
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- EXISTING FENCELINE
- EXISTING ELECTRICAL (OVERHEAD)
- PROPOSED NEW ROAD PAVEMENT SEAL
- PROPOSED NEW PAVEMENT

GRADE (%)	LENGTH (m)	CURVE LENGTH (m)	CURVE RADIUS (m)	HORIZ GEOMETRY	DATUM 137																																																																																																																																																						
0.37 %	110.67m	120.00m	R=7606.40m	R=-1550.00m																																																																																																																																																							
-0.10 %	224.64m	100.00m	R=21358.46m																																																																																																																																																								
<table border="1"> <tr> <th>CONTROL LINE</th> <th>DESIGN HEIGHTS</th> <th>EXISTING SURFACE</th> <th>DEPTH TO EXISTING SURFACE</th> <th>MC CONTROL LINE CHAINAGE</th> <th>SUPER ELEVATION</th> </tr> <tr> <td>38880.000</td> <td>141.779</td> <td>141.654</td> <td>-0.125</td> <td>38880.000</td> <td>BHS 3%</td> </tr> <tr> <td>38896.124</td> <td>141.983</td> <td>141.847</td> <td>-0.135</td> <td>38896.124</td> <td>LHS -3%</td> </tr> <tr> <td>38900.000</td> <td>142.027</td> <td>141.814</td> <td>-0.212</td> <td>38900.000</td> <td></td> </tr> <tr> <td>38920.000</td> <td>142.222</td> <td>141.736</td> <td>-0.486</td> <td>38920.000</td> <td></td> </tr> <tr> <td>38940.000</td> <td>142.365</td> <td>142.273</td> <td>-0.092</td> <td>38940.000</td> <td></td> </tr> <tr> <td>38956.124</td> <td>142.442</td> <td>142.375</td> <td>-0.068</td> <td>38956.124</td> <td></td> </tr> <tr> <td>38960.000</td> <td>142.456</td> <td>142.396</td> <td>-0.06</td> <td>38960.000</td> <td></td> </tr> <tr> <td>38980.000</td> <td>142.531</td> <td>142.502</td> <td>-0.079</td> <td>38980.000</td> <td></td> </tr> <tr> <td>39000.000</td> <td>142.605</td> <td>142.543</td> <td>-0.062</td> <td>39000.000</td> <td></td> </tr> <tr> <td>39020.000</td> <td>142.679</td> <td>142.565</td> <td>-0.114</td> <td>39020.000</td> <td></td> </tr> <tr> <td>39040.000</td> <td>142.753</td> <td>142.581</td> <td>-0.172</td> <td>39040.000</td> <td></td> </tr> <tr> <td>39060.000</td> <td>142.828</td> <td>142.679</td> <td>-0.149</td> <td>39060.000</td> <td></td> </tr> <tr> <td>39066.794</td> <td>142.853</td> <td>142.701</td> <td>-0.152</td> <td>39066.794</td> <td></td> </tr> <tr> <td>39080.000</td> <td>142.898</td> <td>142.745</td> <td>-0.153</td> <td>39080.000</td> <td></td> </tr> <tr> <td>39100.000</td> <td>142.95</td> <td>142.826</td> <td>-0.125</td> <td>39100.000</td> <td></td> </tr> <tr> <td>39116.794</td> <td>142.98</td> <td>142.83</td> <td>-0.15</td> <td>39116.794</td> <td></td> </tr> <tr> <td>39120.000</td> <td>142.984</td> <td>142.834</td> <td>-0.151</td> <td>39120.000</td> <td></td> </tr> <tr> <td>39140.000</td> <td>142.999</td> <td>143.051</td> <td>0.051</td> <td>39140.000</td> <td></td> </tr> <tr> <td>39146.093</td> <td>143</td> <td>143.093</td> <td>0.093</td> <td>39146.093</td> <td></td> </tr> <tr> <td>39160.000</td> <td>142.996</td> <td>143.077</td> <td>0.082</td> <td>39160.000</td> <td></td> </tr> <tr> <td>39166.794</td> <td>142.99</td> <td>143.016</td> <td>0.025</td> <td>39166.794</td> <td></td> </tr> <tr> <td>39180.000</td> <td>142.977</td> <td>142.848</td> <td>-0.13</td> <td>39180.000</td> <td></td> </tr> <tr> <td>39200.000</td> <td>142.958</td> <td>142.788</td> <td>-0.17</td> <td>39200.000</td> <td></td> </tr> <tr> <td>39220.000</td> <td>142.939</td> <td>142.776</td> <td>-0.162</td> <td>39220.000</td> <td></td> </tr> </table>						CONTROL LINE	DESIGN HEIGHTS	EXISTING SURFACE	DEPTH TO EXISTING SURFACE	MC CONTROL LINE CHAINAGE	SUPER ELEVATION	38880.000	141.779	141.654	-0.125	38880.000	BHS 3%	38896.124	141.983	141.847	-0.135	38896.124	LHS -3%	38900.000	142.027	141.814	-0.212	38900.000		38920.000	142.222	141.736	-0.486	38920.000		38940.000	142.365	142.273	-0.092	38940.000		38956.124	142.442	142.375	-0.068	38956.124		38960.000	142.456	142.396	-0.06	38960.000		38980.000	142.531	142.502	-0.079	38980.000		39000.000	142.605	142.543	-0.062	39000.000		39020.000	142.679	142.565	-0.114	39020.000		39040.000	142.753	142.581	-0.172	39040.000		39060.000	142.828	142.679	-0.149	39060.000		39066.794	142.853	142.701	-0.152	39066.794		39080.000	142.898	142.745	-0.153	39080.000		39100.000	142.95	142.826	-0.125	39100.000		39116.794	142.98	142.83	-0.15	39116.794		39120.000	142.984	142.834	-0.151	39120.000		39140.000	142.999	143.051	0.051	39140.000		39146.093	143	143.093	0.093	39146.093		39160.000	142.996	143.077	0.082	39160.000		39166.794	142.99	143.016	0.025	39166.794		39180.000	142.977	142.848	-0.13	39180.000		39200.000	142.958	142.788	-0.17	39200.000		39220.000	142.939	142.776	-0.162	39220.000	
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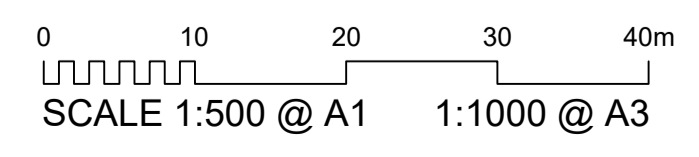
DRAWING SCALE

ISSUE/REVISION

PROJECT MANAGEMENT

PROJECT IDENTIFIER

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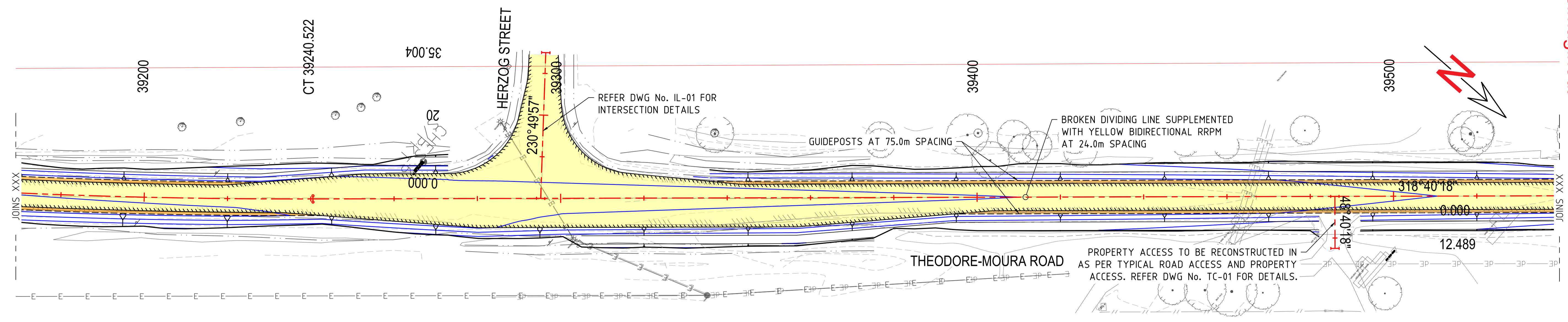
RPEQ CERTIFICATION		
DESIGNER	CHECKED	APPROVED
INTERNAL PROJECT NO.	R012-23-24	
DATUM	SURVEY	

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CLIENT BANANA SHIRE COUNCIL
PROJECT THEODORE-MOURA ROAD
TITLE WORKING PLAN - SHEET 4 OF 7

DRAWING NUMBER R012-23-24-WP-04

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 - INSTALL ROAD FURNITURE

LEGEND

	EXISTING CONTOURS (MAJOR) 0.1m INTERVALS
	EXISTING CONTOURS (MINOR) 0.25m INTERVALS
	MASTER CONTROL ALIGNMENT
	PROPOSED BITUMEN EDGE
	PROPOSED SHOULDER EDGE
	PROPOSED INTERFACE
	EXISTING CENTERLINE
	EXISTING BITUMEN EDGE
	EXISTING FENCELINE
	EXISTING ELECTRICAL (OVERHEAD)
	PROPOSED NEW ROAD PAVEMENT SEAL
	PROPOSED NEW PAVEMENT

	PROPOSED NEW PAVEMENT LEVEL		EXISTING PAVEMENT LEVEL	
GRADE (%)				-0.10 %
LENGTH (m)				224.64m
CURVE LENGTH (m)				
CURVE RADIUS (m)				
HORIZ GEOMETRY	R=1550.00m			
DATUM 138				
CONTROL LINE DESIGN HEIGHTS	142.958	142.939	142.919	142.861
EXISTING SURFACE	142.788	142.776	142.774	142.752
DEPTH TO EXISTING SURFACE	-0.17	-0.162	-0.145	-0.11
MC CONTROL LINE CHAINAGE	39200.000	39220.000	39240.000	39260.000
SUPER ELEVATION	RHS 3%		LHS -3%	LHS and RHS -3%

PROJECT STAMP

DRAWING SCALE

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ISSUE	REV	DATE	DES	DESCRIPTION
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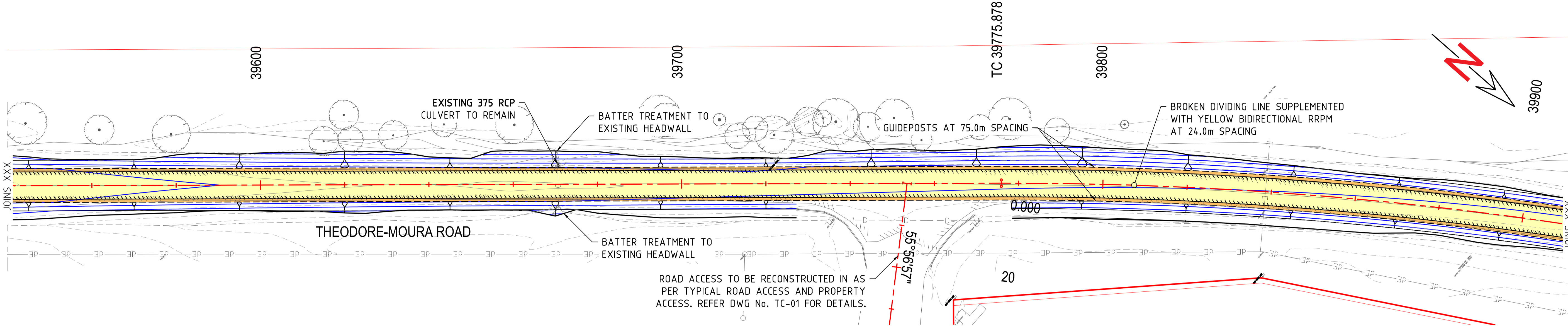
PROJECT IDENTIFIER

CLIENT BANANA SHIRE COUNCIL
PROJECT THEODORE-MOURA ROAD
TITLE WORKING PLAN - SHEET 5 OF 7

DRAWING NUMBER R012-23-24-WP-05
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NOTE
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 - INSTALL ROAD FURNITURE

LEGEND

	EXISTING CONTOURS (MAJOR) 0.1m INTERVALS
	EXISTING CONTOURS (MINOR) 0.25m INTERVALS
	MASTER CONTROL ALIGNMENT
	PROPOSED BITUMEN EDGE
	PROPOSED SHOULDER EDGE
	PROPOSED INTERFACE
	EXISTING CENTERLINE
	EXISTING BITUMEN EDGE
	EXISTING FENCE LINE
	EXISTING ELECTRICAL (OVERHEAD)
	PROPOSED NEW ROAD PAVEMENT SEAL
	PROPOSED NEW PAVEMENT

GRADE (%)	-0.32 %																		-0.08 %		
LENGTH (m)	72.69m																		287.29m		
CURVE LENGTH (m)																					
CURVE RADIUS (m)							100.00m														
HORIZ GEOMETRY							R=404.3.14m												R=900.00m		
DATUM 137																					
CONTROL LINE DESIGN HEIGHTS	142.47	142.405	142.34	142.327	142.279	142.227	142.196	142.185	142.153	142.115	142.1	142.084	142.069	142.054	142.039	142.023	142.008	141.993	141.978		
EXISTING SURFACE	142.352	142.266	142.183	142.172	142.121	142.037	142.015	142.003	141.997	141.995	141.959	141.906	141.912	141.874	141.842	141.885	141.88	141.863	141.843		
DEPTH TO EXISTING SURFACE	-0.118	-0.139	-0.157	-0.155	-0.158	-0.19	-0.181	-0.182	-0.155	-0.12	-0.141	-0.178	-0.158	-0.18	-0.197	-0.139	-0.128	-0.129	-0.134		
MC CONTROL LINE CHAINAGE	39520.000	39540.000	39560.000	39564.122	39580.000	39600.000	39614.122	39620.000	39640.000	39660.000	39664.122	39680.000	39740.000	39760.000	39780.000	39800.000	39820.000	39840.000	39860.000		
SUPER ELEVATION	LHS and RHS -3%																		RHS -3%		LHS 3%

PROJECT STAMP DRAWING SCALE

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SCALE 1:500 @ A1 1:1000 @ A3

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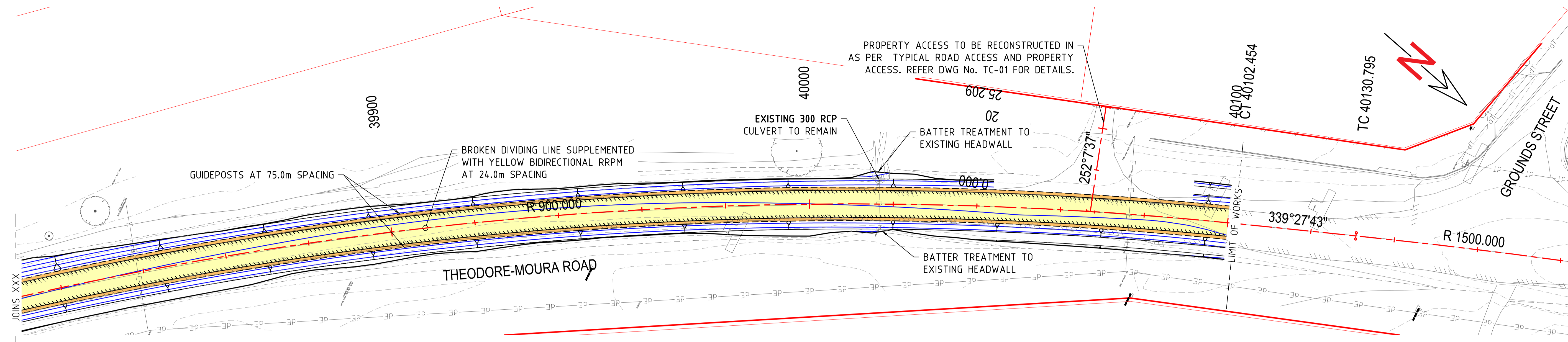
PROJECT IDENTIFIER

CLIENT BANANA SHIRE COUNCIL
PROJECT THEODORE-MOURA ROAD
TITLE WORKING PLAN - SHEET 6 OF 7

DRAWING NUMBER R012-23-24-WP-06

REVISION A

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 - INSTALL ROAD FURNITURE

LEGEND

	EXISTING CONTOURS (MAJOR) 0.1m INTERVALS
	EXISTING CONTOURS (MINOR) 0.25m INTERVALS
	MASTER CONTROL ALIGNMENT
	PROPOSED BITUMEN EDGE
	PROPOSED SHOULDER EDGE
	PROPOSED INTERFACE
	EXISTING CENTERLINE
	EXISTING BITUMEN EDGE
	EXISTING FENCELINE
	EXISTING ELECTRICAL (OVERHEAD)
	PROPOSED NEW ROAD PAVEMENT SEAL
	PROPOSED NEW PAVEMENT

GRADE (%)	LENGTH (m)	CURVE LENGTH (m)	CURVE RADIUS (m)	HORIZ GEOMETRY
-0.08 %	217.29m			
		100.00m	R=53956.99m	
			R=900.00m	
0.11 %	68.59m			
-0.06 %	30.00m			
0.63 %	19.83m	20.00m	R=2900.19m	

CONTROL LINE	DESIGN HEIGHTS	EXISTING SURFACE	DEPTH TO EXISTING SURFACE	MC CONTROL LINE CHAINAGE	SUPER ELEVATION
3984.000	14.1993	14.1863	-0.129	3984.000	LHS 3%
3986.000	14.1978	14.1843	-0.134	3986.000	
3988.000	14.1962	14.1828	-0.135	3988.000	
3988.412	14.1961	14.1826	-0.136	3988.412	
3990.000	14.195	14.1807	-0.143	3990.000	
3992.000	14.1946	14.1777	-0.169	3992.000	
3992.593	14.1946	14.1771	-0.175	3992.593	
3993.142	14.1946	14.1773	-0.173	3993.142	
3994.000	14.1948	14.1792	-0.156	3994.000	
3996.000	14.1958	14.1835	-0.124	3996.000	
3998.000	14.1976	14.1857	-0.12	3998.000	
3998.412	14.1978	14.1857	-0.121	3998.412	
4000.000	14.1998	14.1884	-0.114	4000.000	RHS -3%
4002.000	14.202	14.1891	-0.129	4002.000	
4004.000	14.2041	14.1898	-0.144	4004.000	
4005.000	14.2052	14.1902	-0.15	4005.000	
4006.000	14.2046	14.1908	-0.138	4006.000	
4007.999	14.2033	14.1957	-0.076	4007.999	
4008.000	14.2033	14.1957	-0.076	4008.000	
4008.1850	14.2033	14.1967	-0.066	4008.1850	
4008.999	14.2044	14.2009	-0.035	4008.999	
4009.999	14.2089	14.2089	0	4009.999	
40100.000	14.2089	14.2089	0	40100.000	

PROJECT STAMP

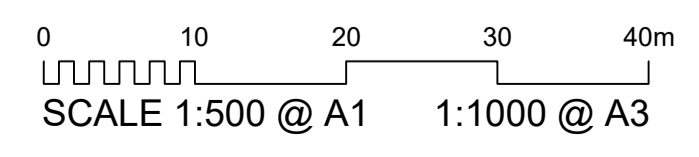
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ISSUE/REVISION

PROJECT MANAGEMENT

PROJECT IDENTIFIER

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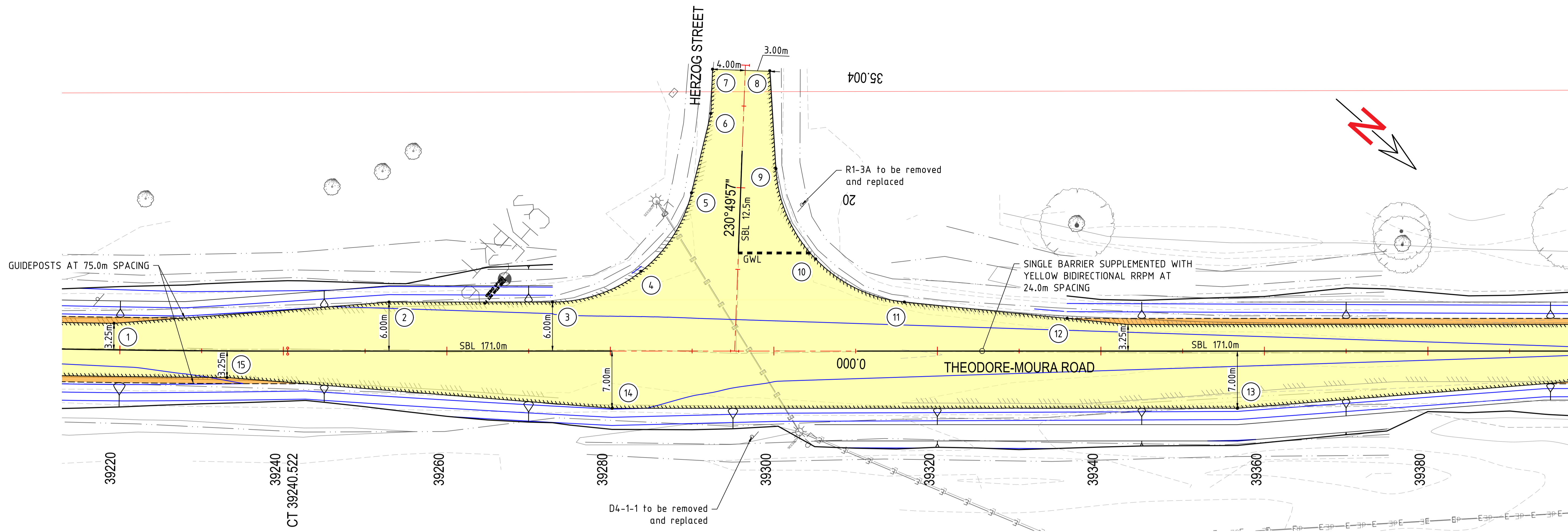
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INTERNAL PROJECT NO. R012-23-24		
DATUM	SURVEY	

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CLIENT BANANA SHIRE COUNCIL
PROJECT THEODORE-MOURA ROAD
TITLE WORKING PLAN - SHEET 7 OF 7
DRAWING NUMBER R012-23-24-WP-07
REVISION A

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 - INSTALL ROAD FURNITURE

INTERSECTION SETOUT				
POINT No.	EASTING	NORTHING	LEVEL	DESCRIPTION
1	194624.285	7278582.882	142.842	EB
2	194600.117	7278606.423	142.727	EB
3	194586.909	7278621.442	142.707	EB
4	194576.947	7278627.085	142.613	EB
5	194565.652	7278625.389	142.650	EB
6	194556.792	7278620.752	142.681	EB
7	194552.588	7278617.327	142.695	EB
8	194548.112	7278622.710	142.690	EB
9	194556.611	7278631.181	142.667	EB
10	194561.694	7278642.126	142.650	EB
11	194558.488	7278653.760	142.647	EB
12	194546.849	7278670.024	142.706	EB
13	194541.348	7278692.937	142.596	EB
14	194591.866	7278635.491	142.777	EB
15	194620.137	7278597.635	142.993	EB

- LEGEND**
- 10.0m --- EXISTING CONTOURS (MAJOR) 0.1m INTERVALS
 - 0.25m --- EXISTING CONTOURS (MINOR) 0.25m INTERVALS
 - MASTER CONTROL ALIGNMENT
 - PROPOSED BITUMEN EDGE
 - PROPOSED SHOULDER EDGE
 - PROPOSED INTERFACE
 - EXISTING CENTERLINE
 - EXISTING BITUMEN EDGE
 - EXISTING FENCELINE
 - EXISTING ELECTRICAL (OVERHEAD)
 - PROPOSED NEW ROAD PAVEMENT SEAL
 - PROPOSED NEW PAVEMENT

PROJECT STAMP

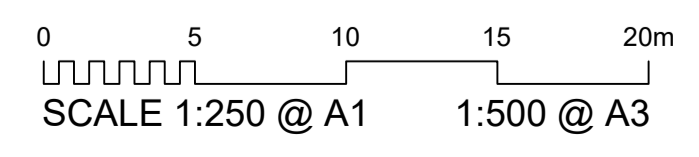
DRAWING SCALE

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PROJECT IDENTIFIER

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ISSUE	REV	DATE	DES	DESCRIPTION
INFO	A			ISSUED FOR INFORMATION

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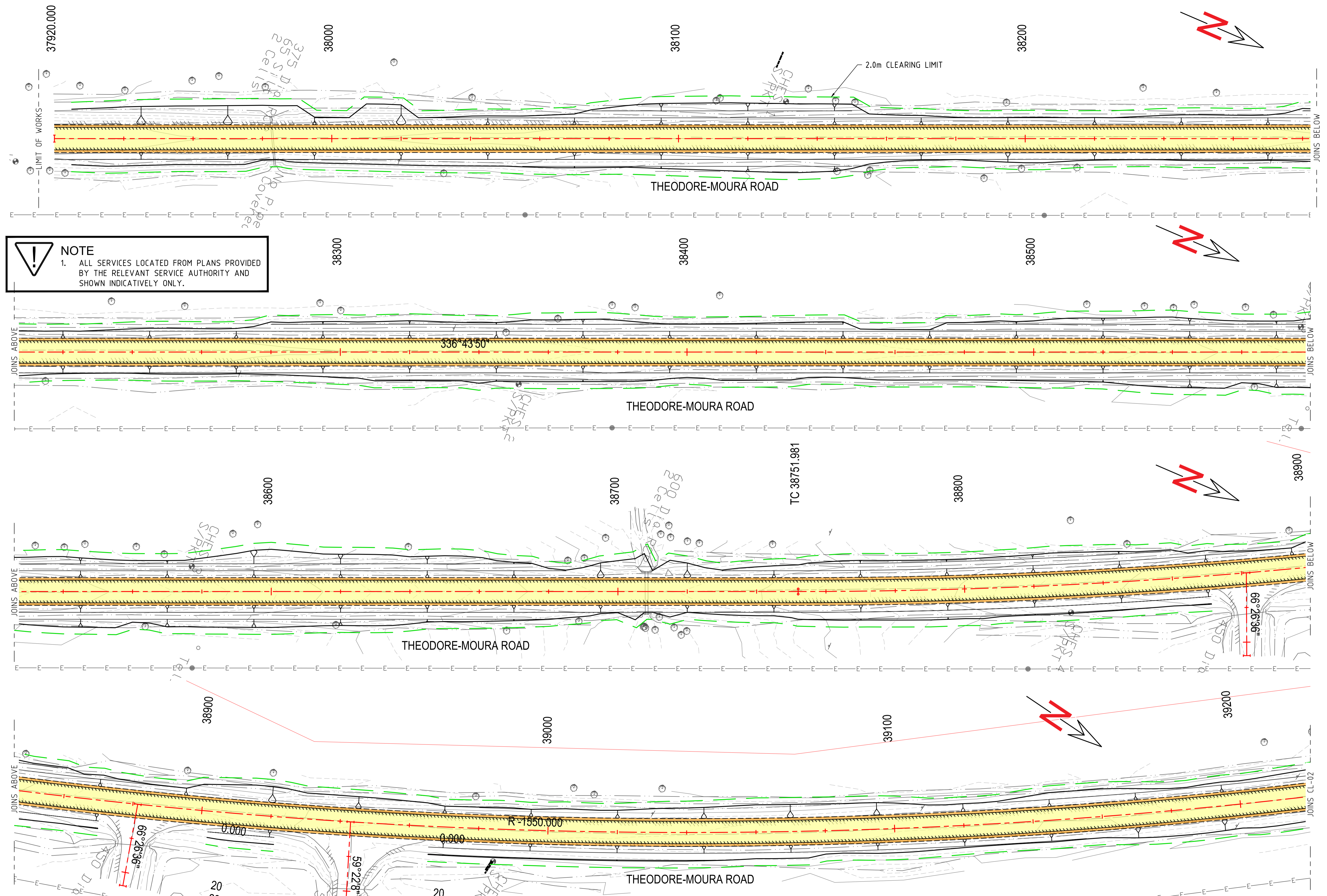
RPEQ CERTIFICATION		
DESIGNER	CHECKED	APPROVED
INTERNAL PROJECT NO.	R012-23-24	
DATUM	SURVEY	

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CLIENT BANANA SHIRE COUNCIL
PROJECT THEODORE-MOURA ROAD
TITLE INTERSECTION SETOUT PLAN
DRAWING NUMBER R012-23-24-IL-01
REVISION A

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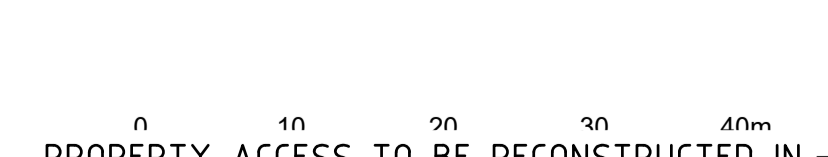


NOTE
1. ALL SERVICES LOCATED FROM PLANS PROVIDED BY THE RELEVANT SERVICE AUTHORITY AND SHOWN INDICATIVELY ONLY.

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INTERNAL PROJECT NO.	R012-23-24	
DATUM	SURVEY	

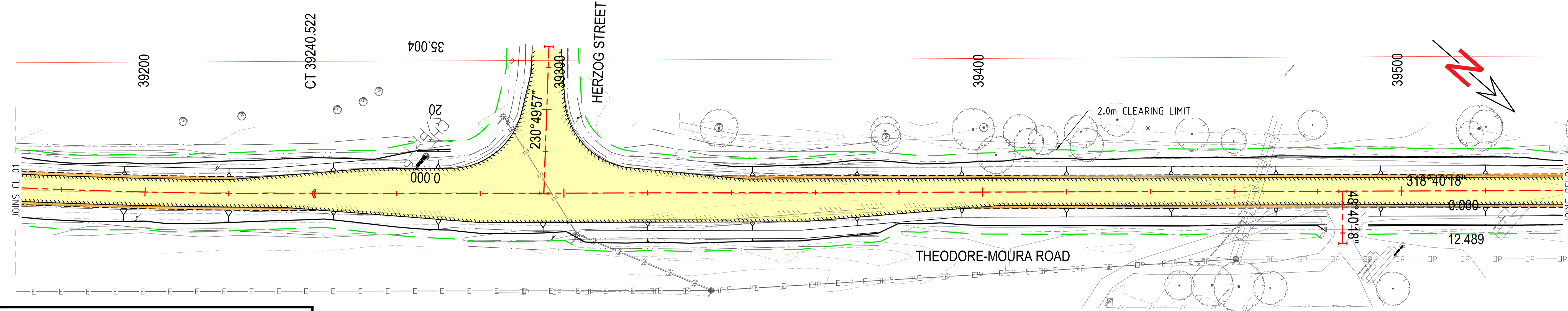


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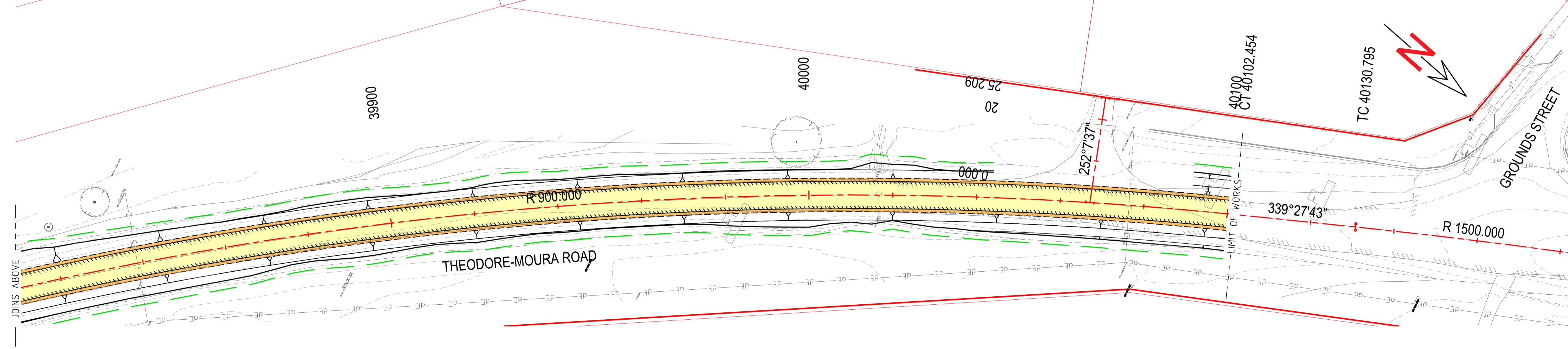
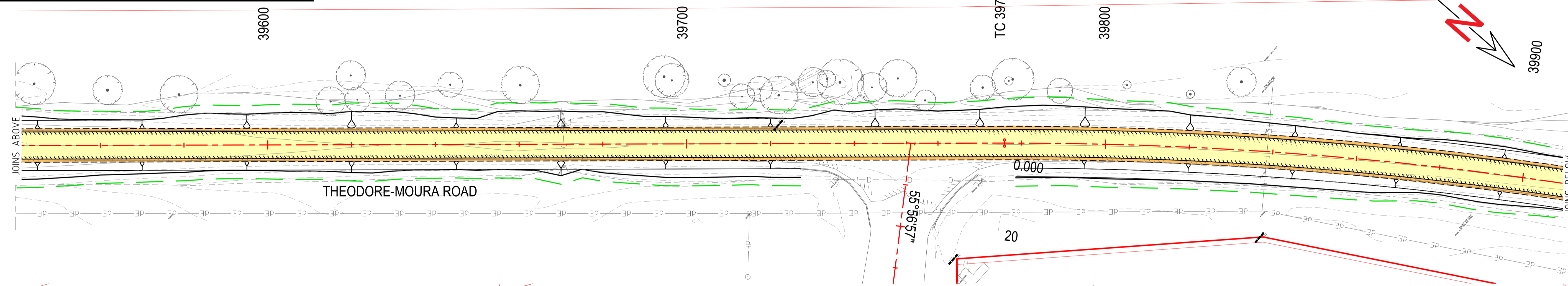
PROJECT IDENTIFIER

CLIENT BANANA SHIRE COUNCIL
PROJECT THEODORE-MOURA ROAD
TITLE CLEARING LAYOUT PLAN - SHEET 1 OF 2
DRAWING NUMBER R012-23-24-CL-01
REVISION A

ISO A1 594mm x 841mm



NOTE
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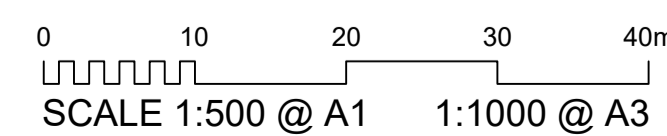


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DATUM	SURVEY	



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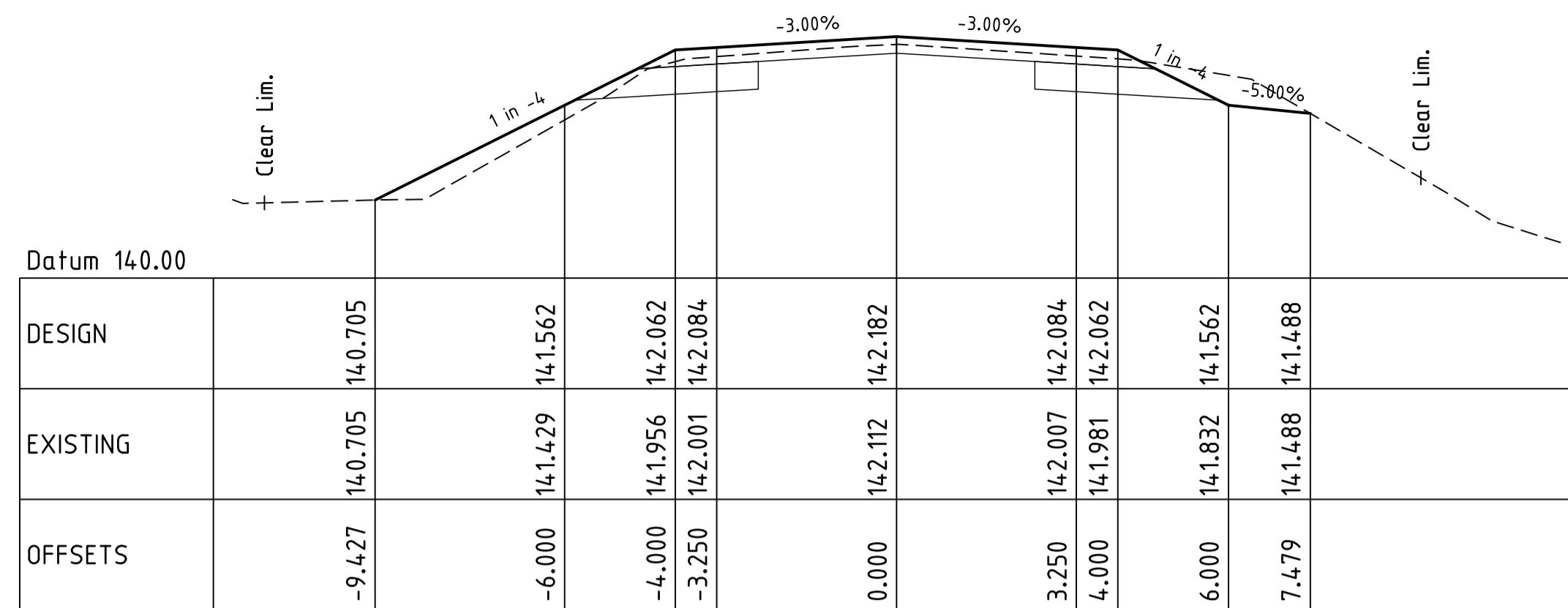
PROJECT IDENTIFIER

CLIENT BANANA SHIRE COUNCIL
PROJECT THEODORE-MOURA ROAD
TITLE CLEARING LAYOUT PLAN - SHEET 2 OF 2

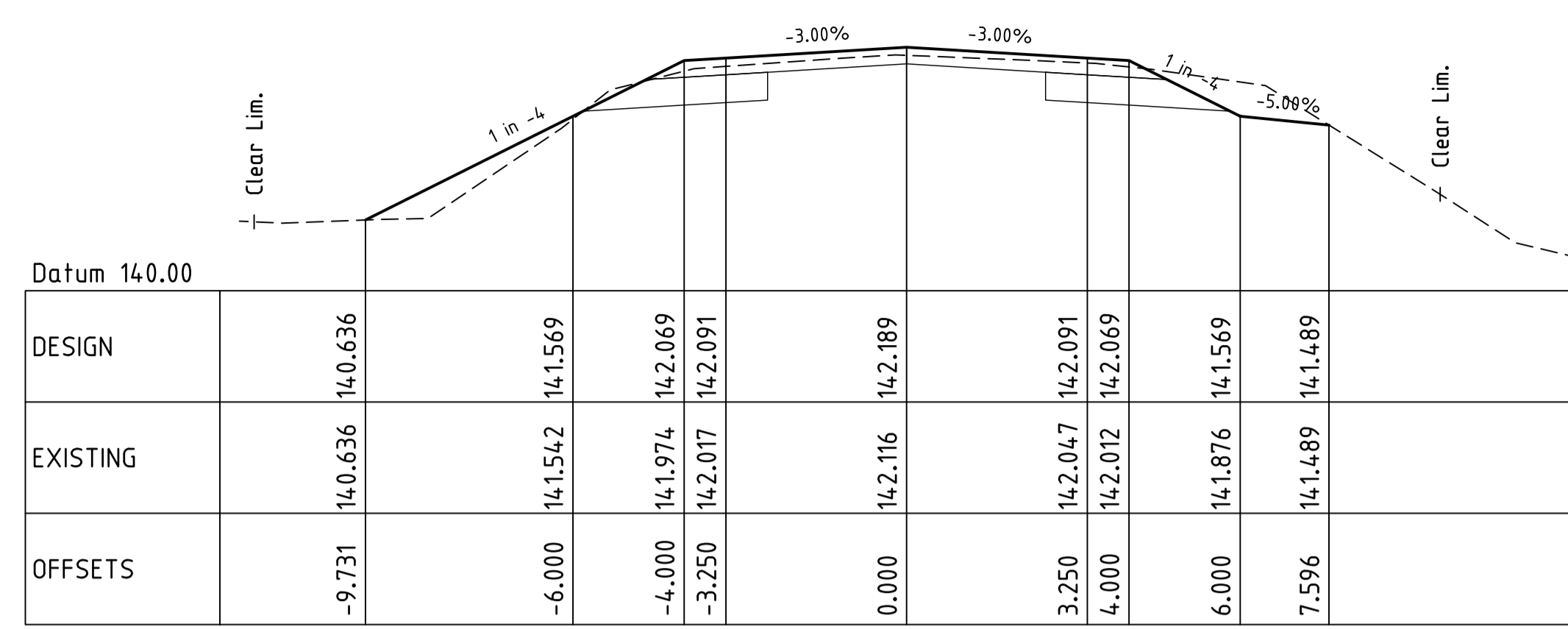
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REVISION A

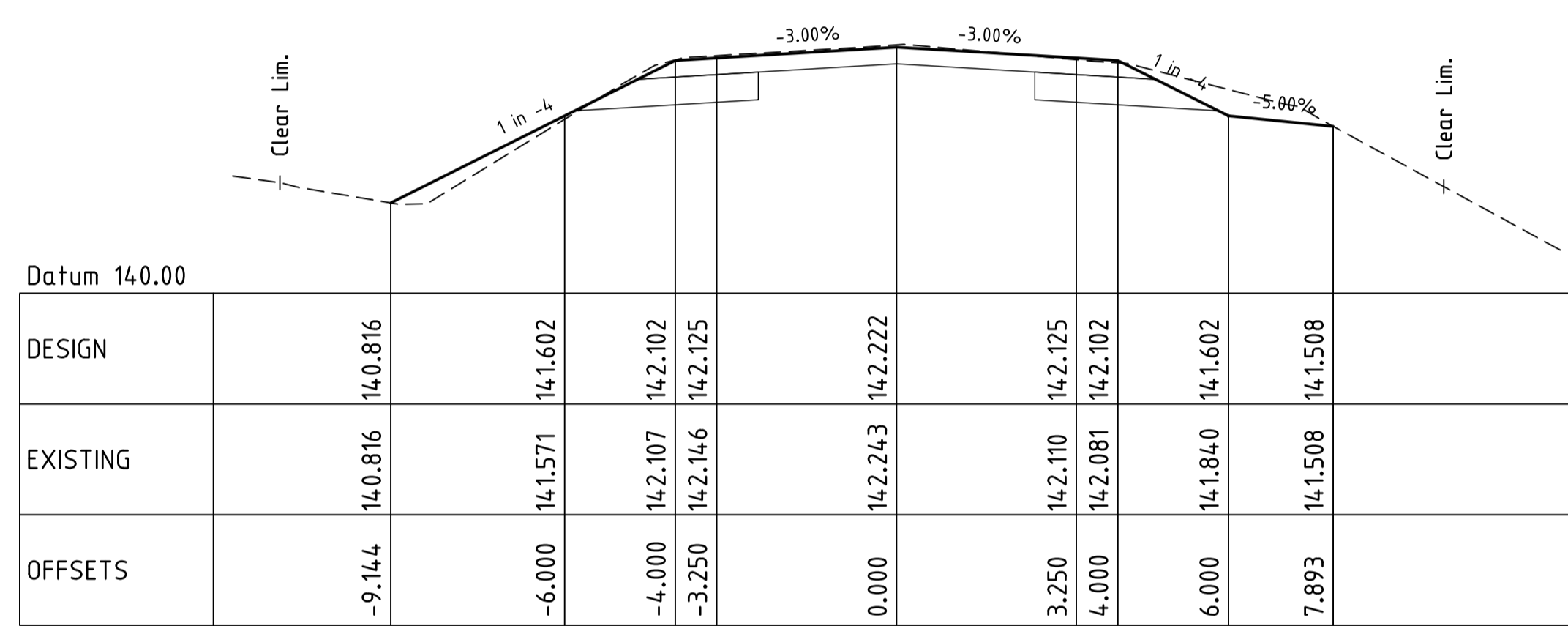
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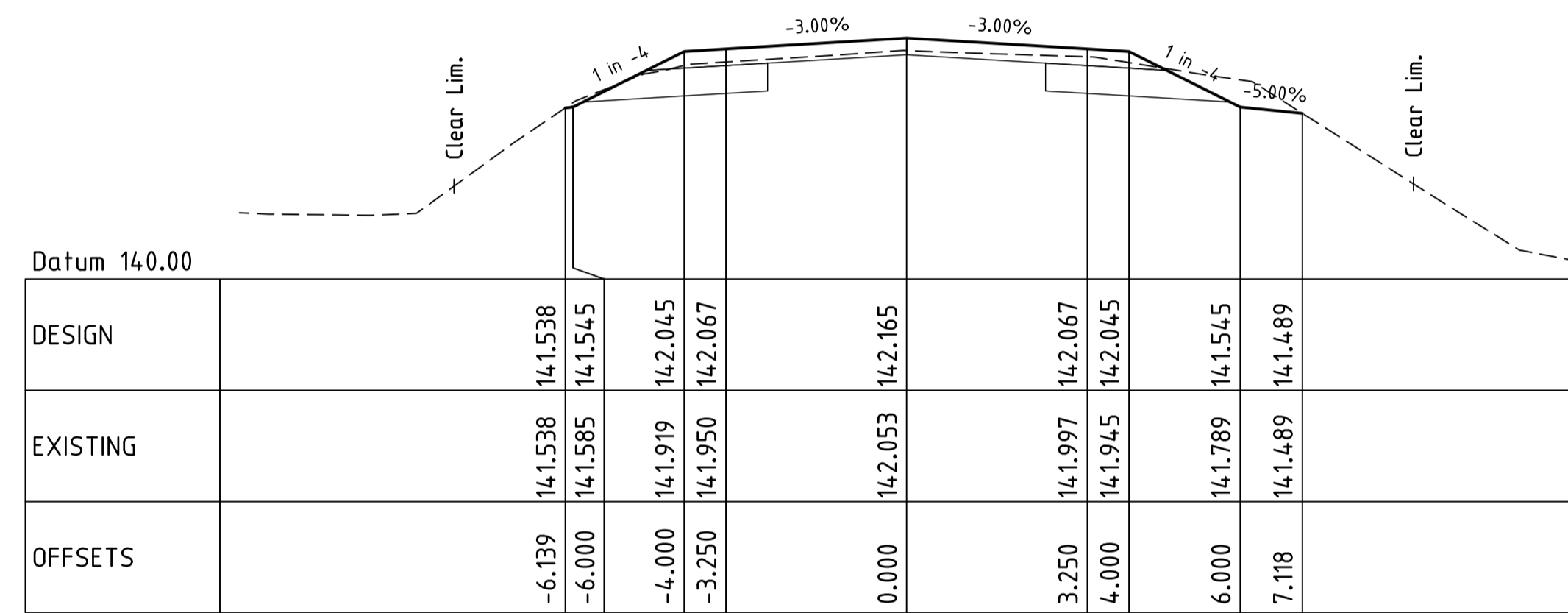
Ch 37960.000



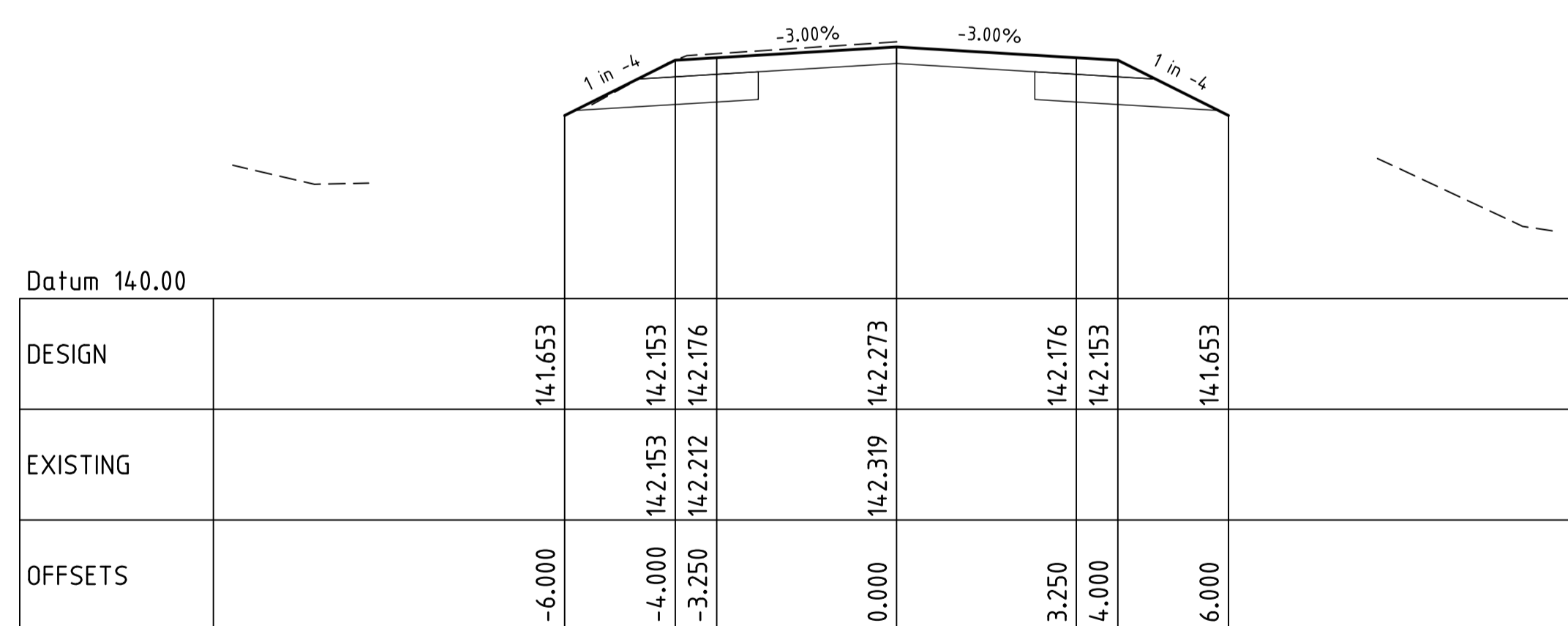
Ch 38020.000



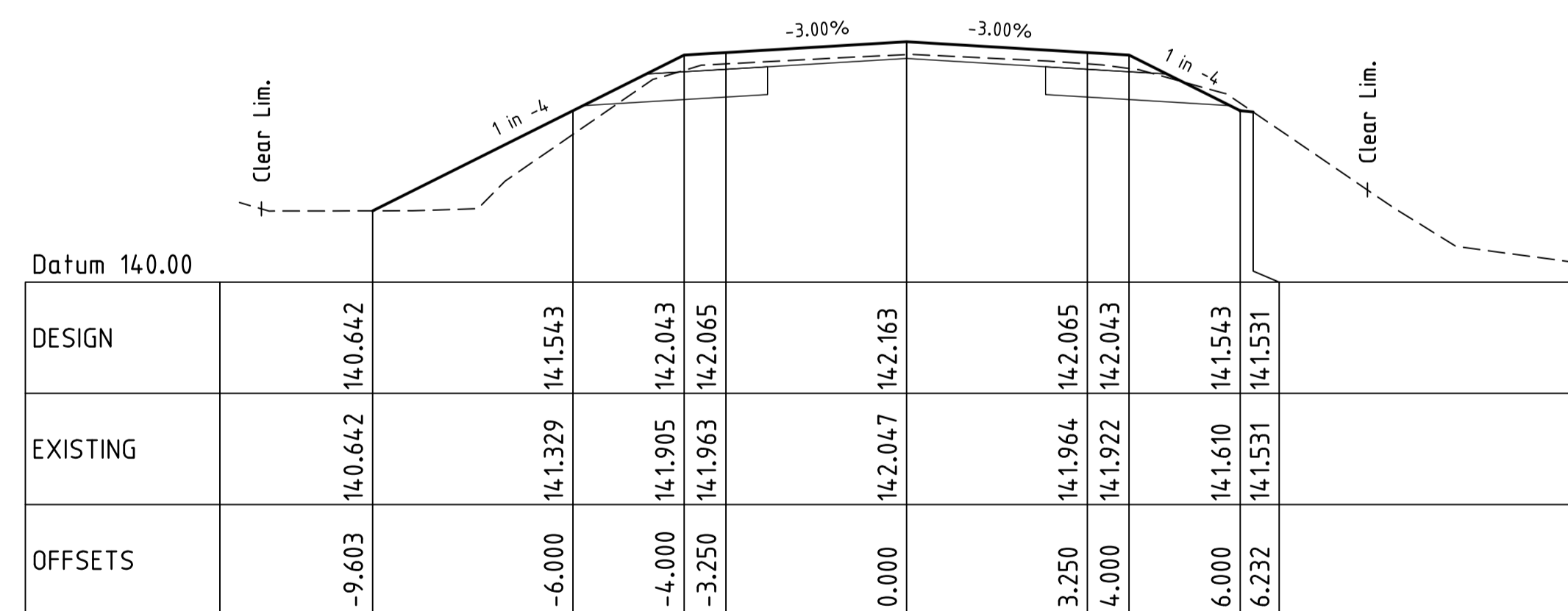
Ch 37940.000



Ch 38000.000



Ch 37920.000

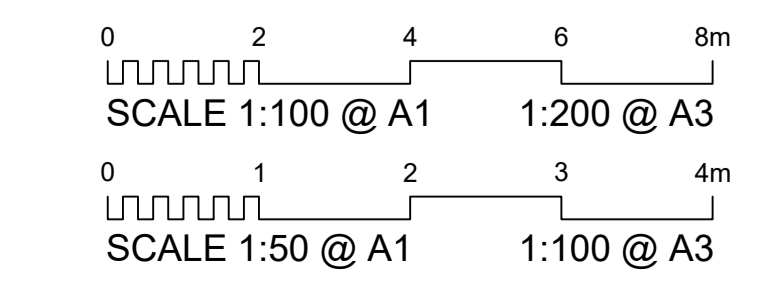


Ch 37980.000

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ISSUE REVISION

ISSUE	REV	DATE	DES	DESCRIPTION
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INTERNAL PROJECT NO.	R012-23-24	
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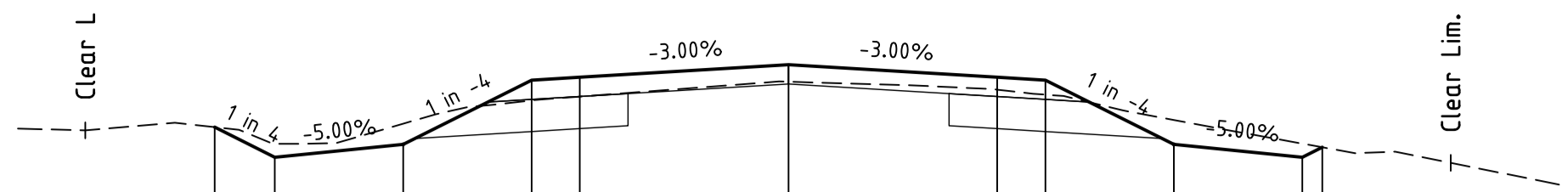
CLIENT BANANA SHIRE COUNCIL
PROJECT THEODORE-MOURA ROAD
TITLE ROADWORKS CROSS SECTIONS - SHEET 1 OF 10

DRAWING NUMBER R012-23-24-XS-01

REVISION A

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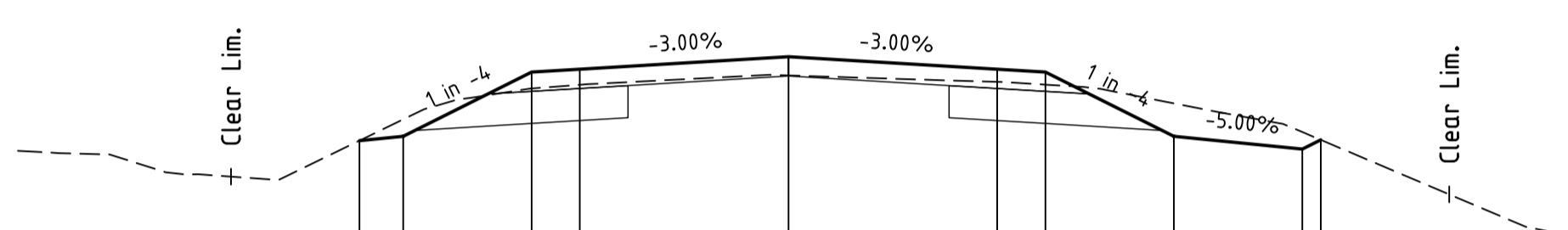
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Datum 140.00

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EXISTING		141.862	141.732	141.889	142.071	142.100	142.215	142.154	142.228	141.918	141.734	141.706
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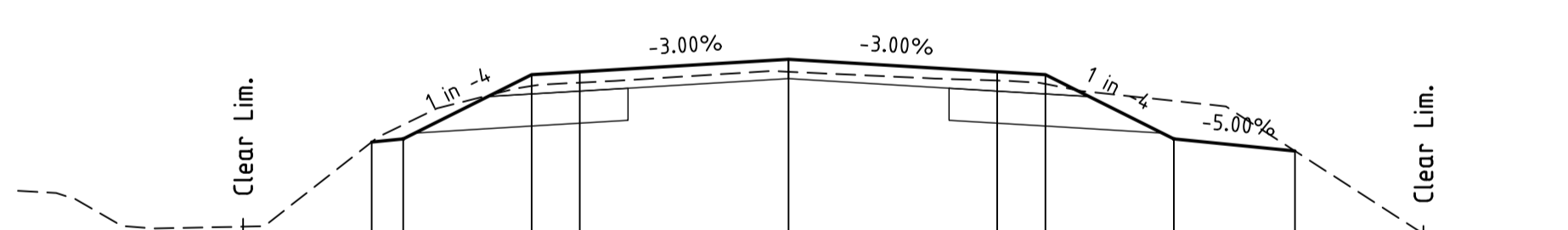
Ch 38080.000



Datum 140.00

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EXISTING		141.637	141.803	142.044	142.072	142.145	142.095	142.074	141.928	141.704	141.643
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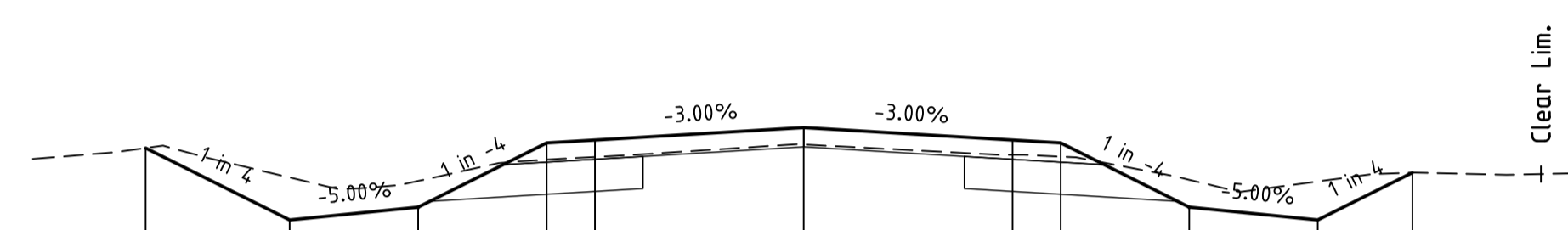
Ch 38060.000



Datum 140.00

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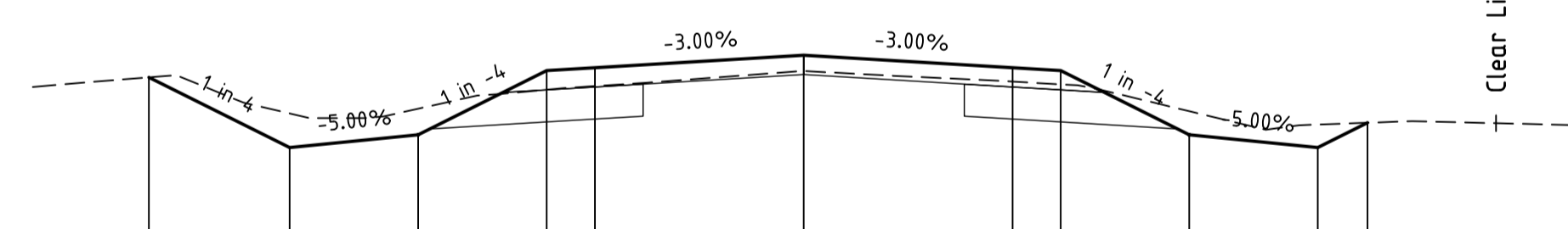
Ch 38040.000



Datum 140.00

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EXISTING		142.302	142.072	142.046	142.211	142.232	142.329	142.249	142.055	142.041	142.110
OFFSETS		-10.242	-8.000	-6.000	-4.000	-3.250	0.000	3.250	4.000	6.000	9.473

Ch 38120.000



Datum 140.00

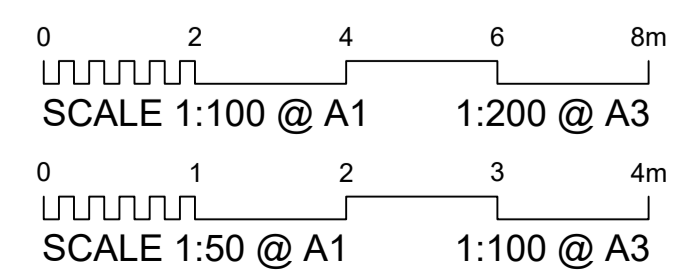
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Ch 38100.000

PROJECT STAMP

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INTERNAL PROJECT NO.	R012-23-24	
DATUM	SURVEY	



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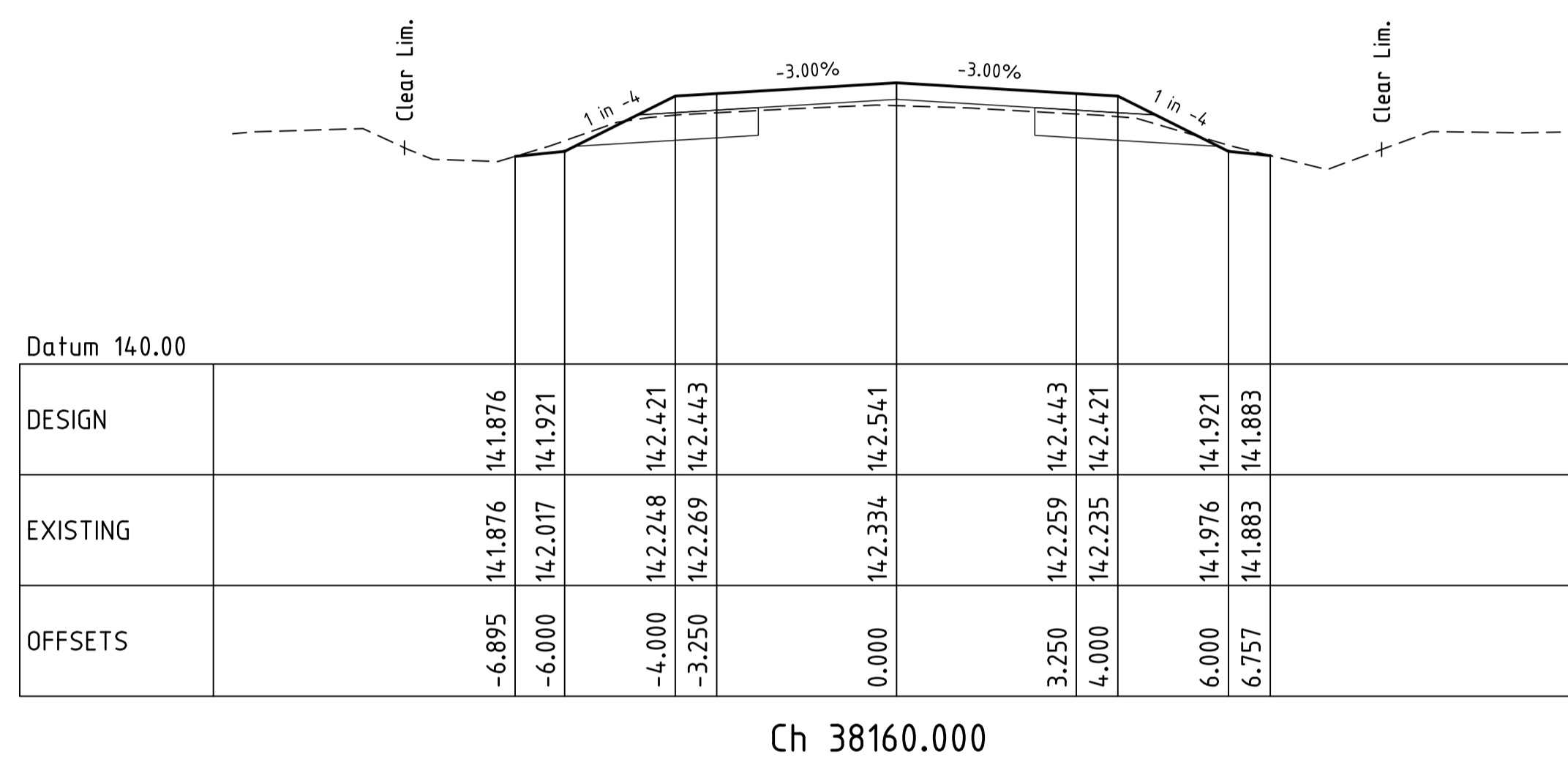
PROJECT IDENTIFIER

CLIENT BANANA SHIRE COUNCIL
 PROJECT THEODORE-MOURA ROAD
 TITLE ROADWORKS CROSS SECTIONS - SHEET 2 OF 2

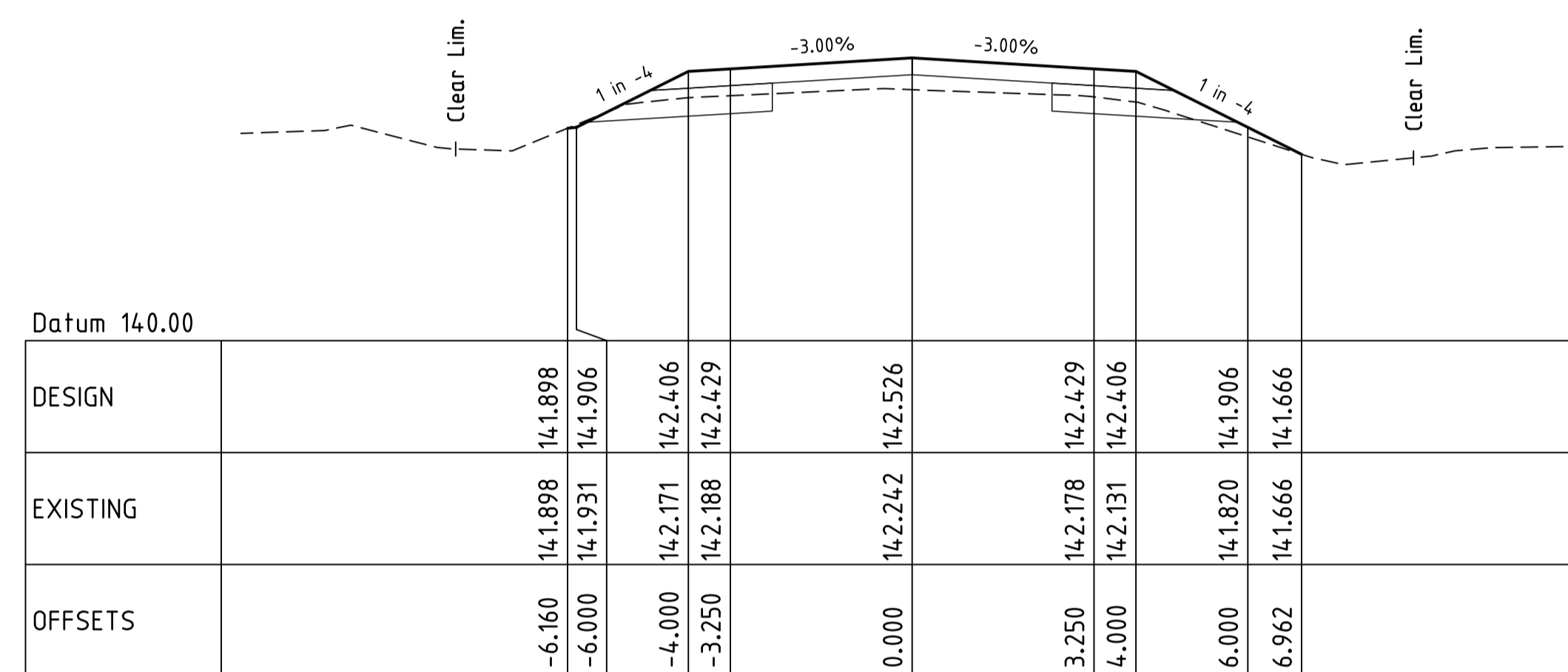
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REVISION A

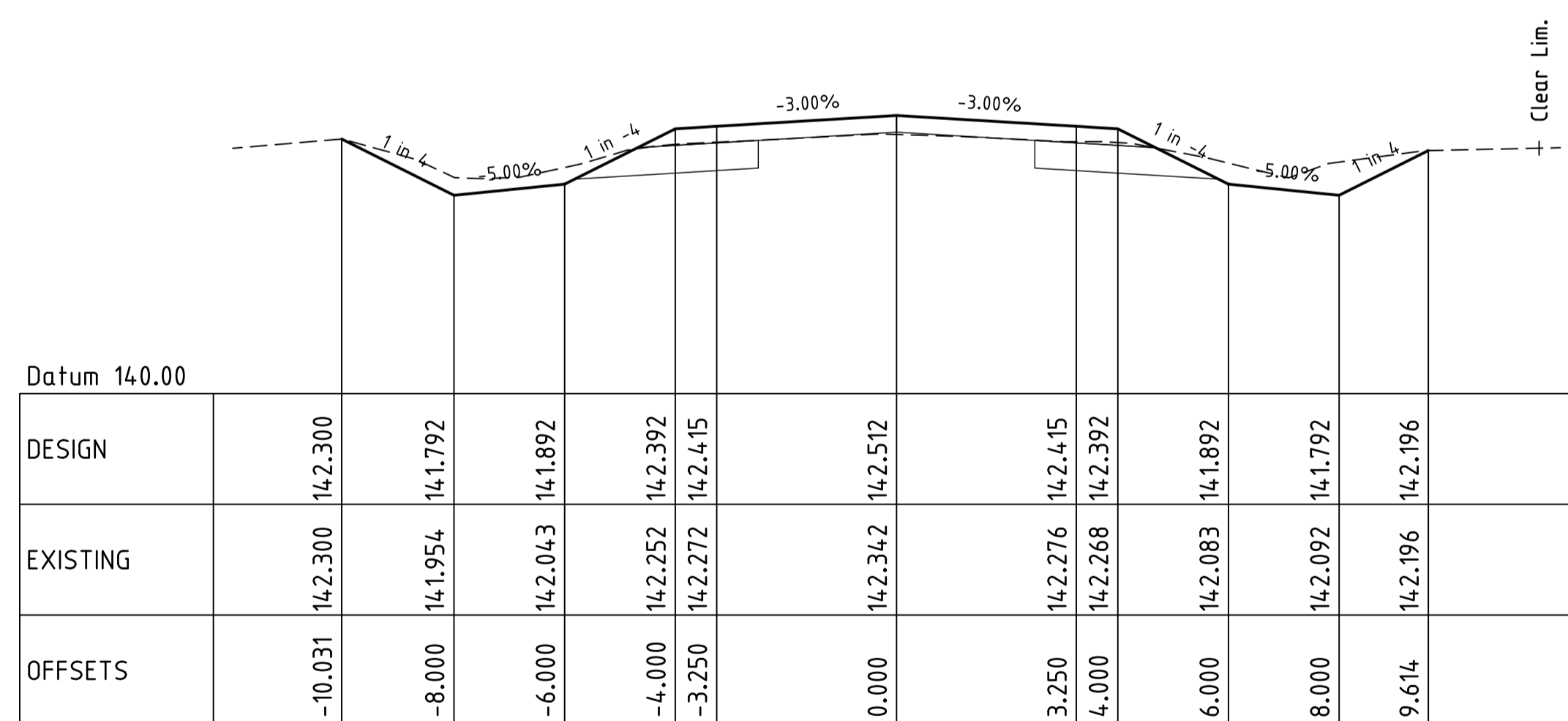
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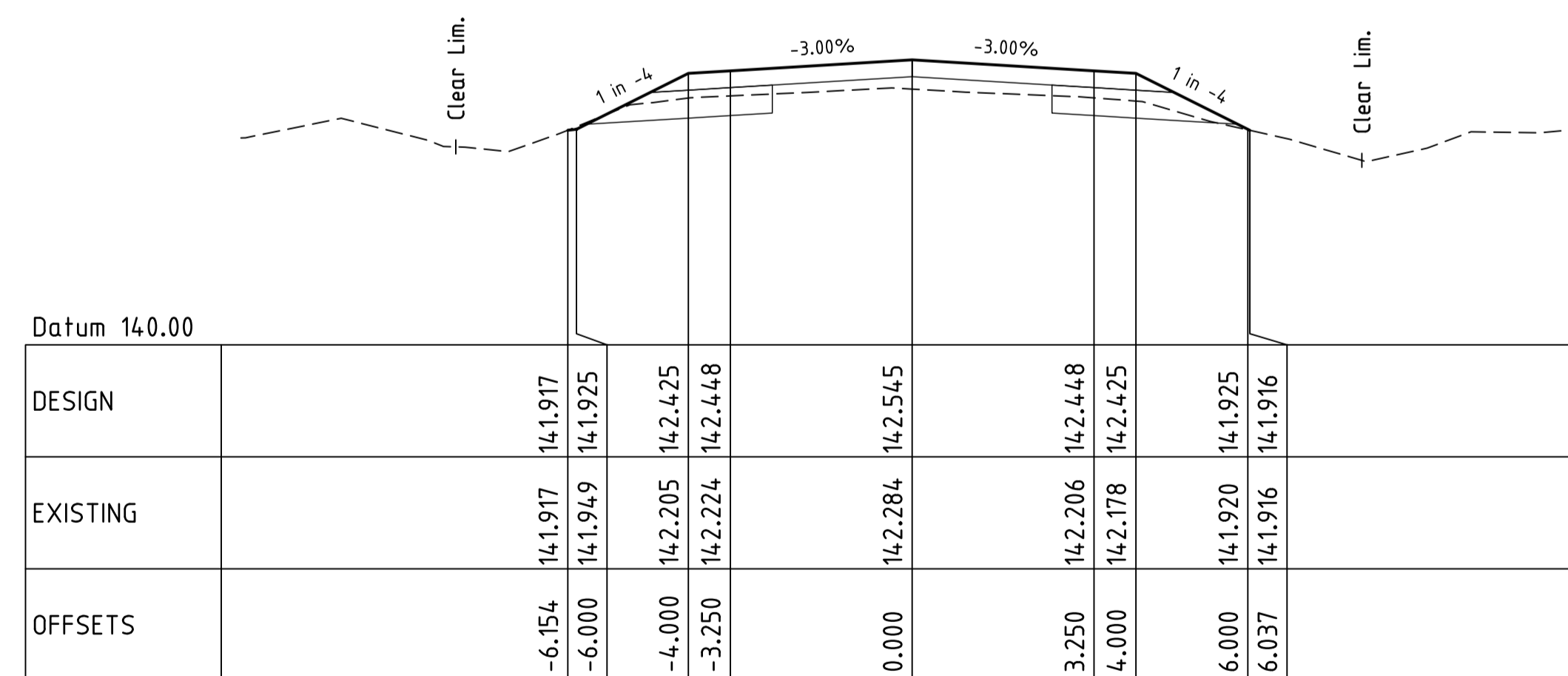
Ch 38160.000



Ch 38200.000



Ch 38140.000

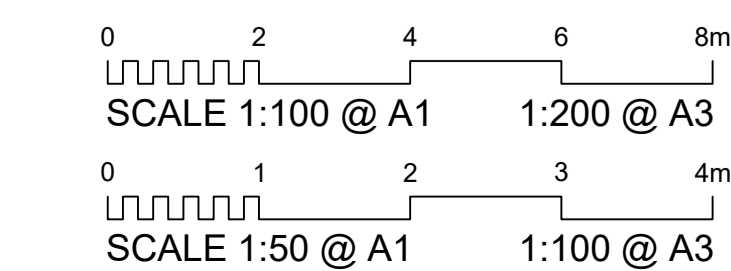


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INTERNAL PROJECT NO.	R012-23-24	
DATUM	SURVEY	



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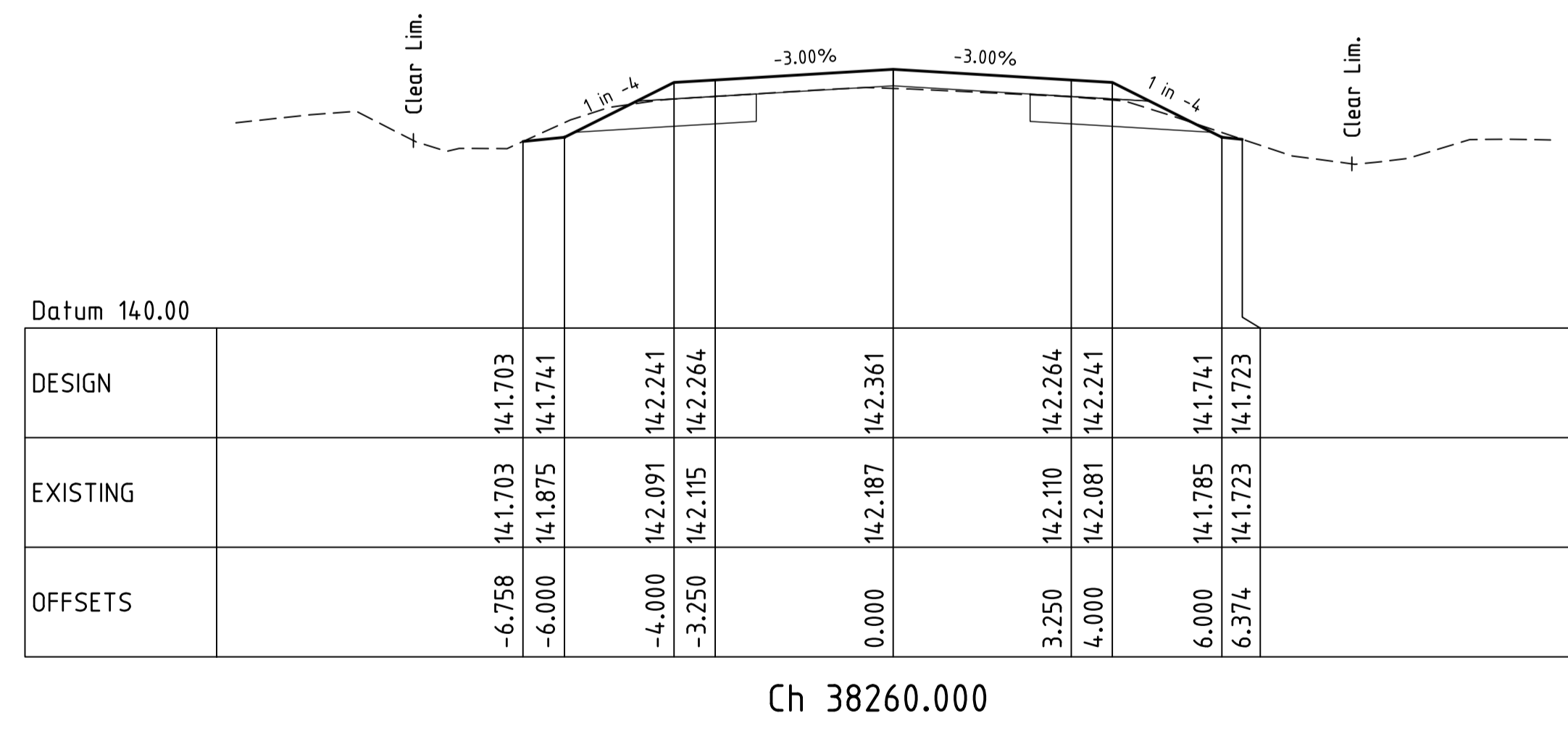
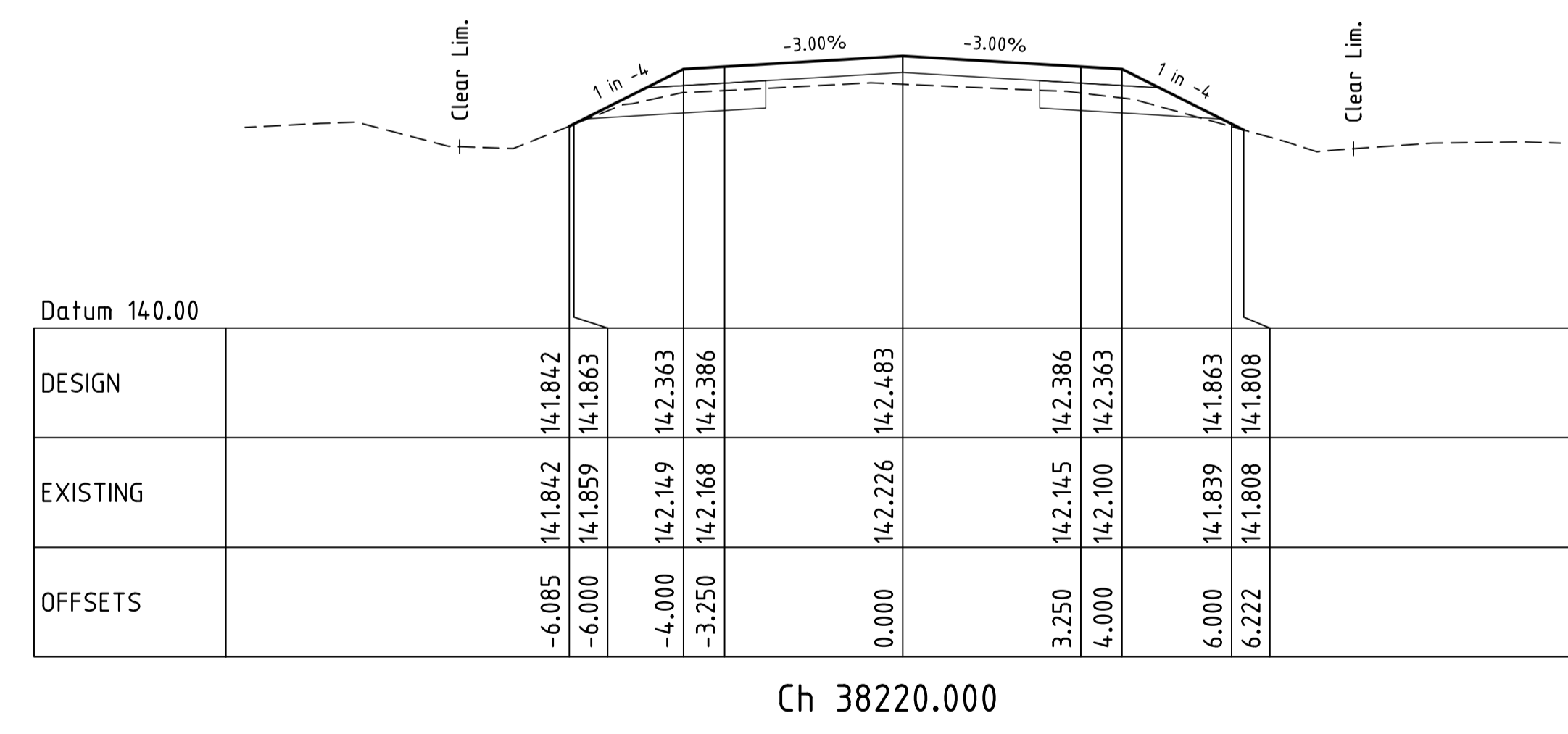
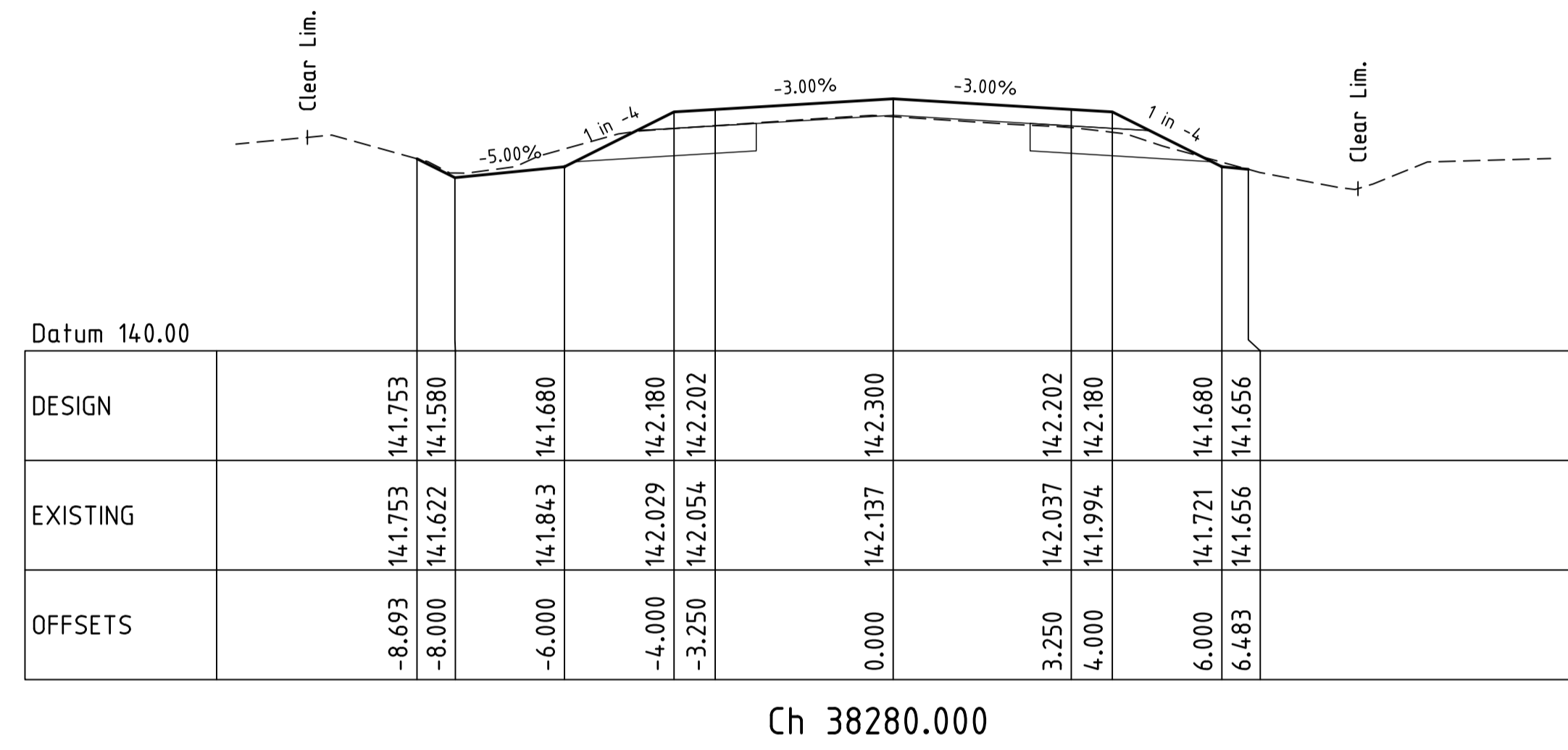
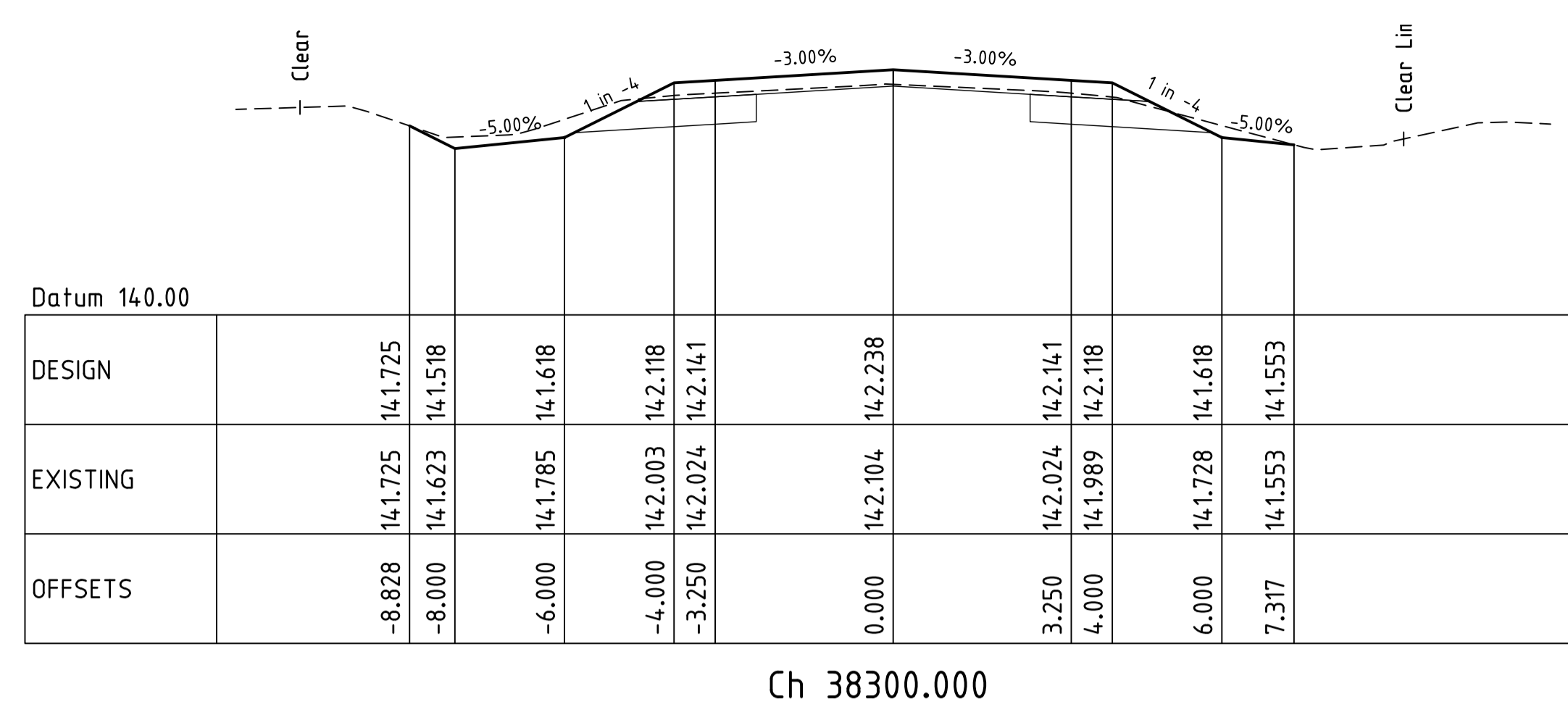
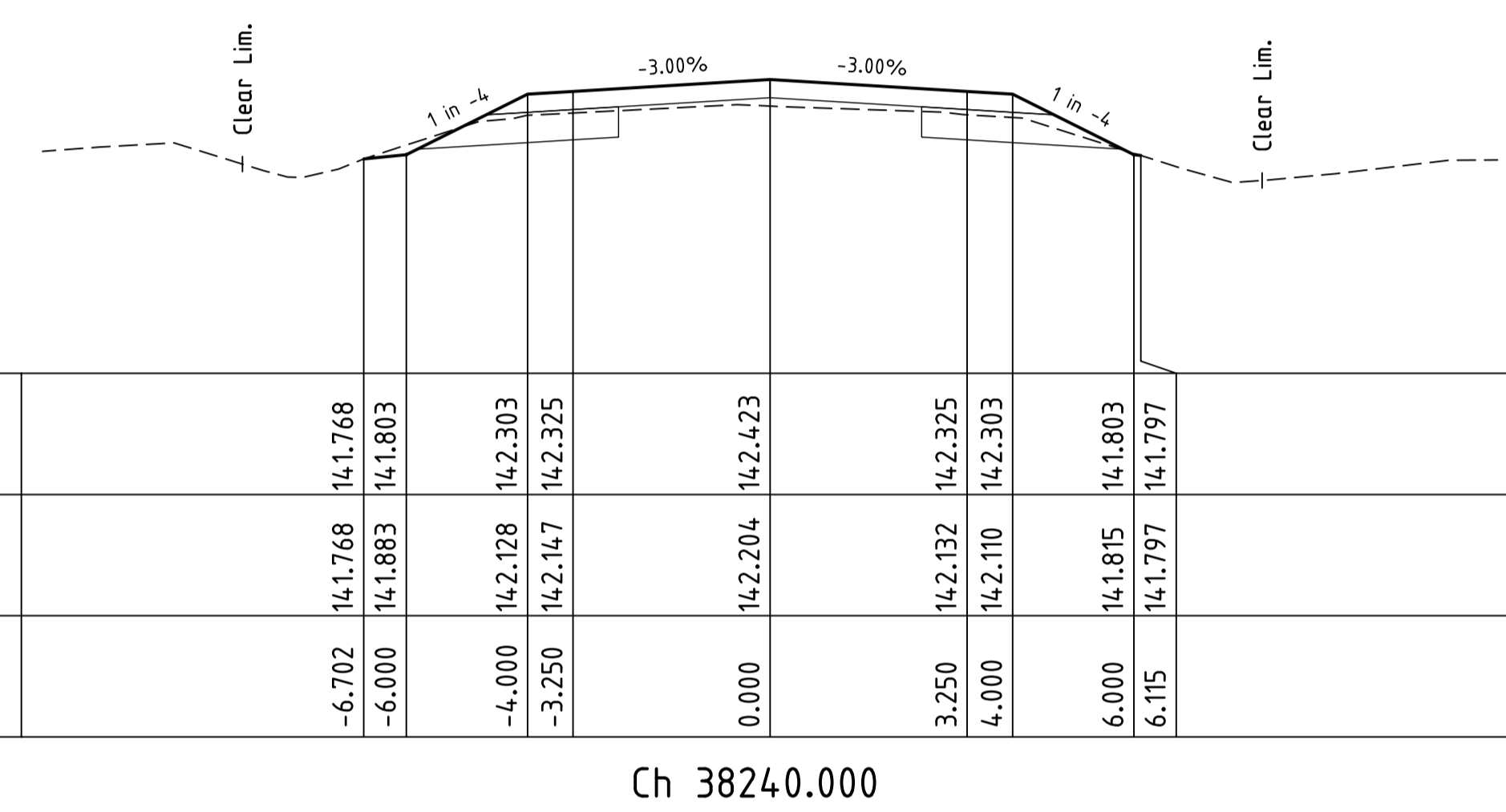
PROJECT IDENTIFIER

CLIENT BANANA SHIRE COUNCIL
PROJECT THEODORE-MOURA ROAD
TITLE ROADWORKS CROSS SECTIONS - SHEET 3 OF 3

DRAWING NUMBER R012-23-24-XS-03

REVISION A

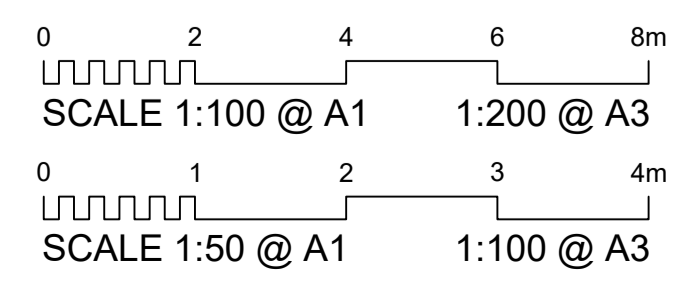
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DATUM	SURVEY	



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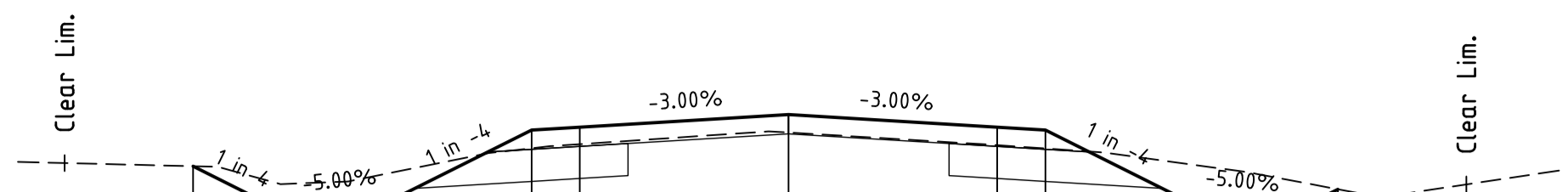
CLIENT BANANA SHIRE COUNCIL
PROJECT THEODORE-MOURA ROAD
TITLE ROADWORKS CROSS SECTIONS - SHEET 4 OF 4

DRAWING NUMBER R012-23-24-XS-04

REVISION A

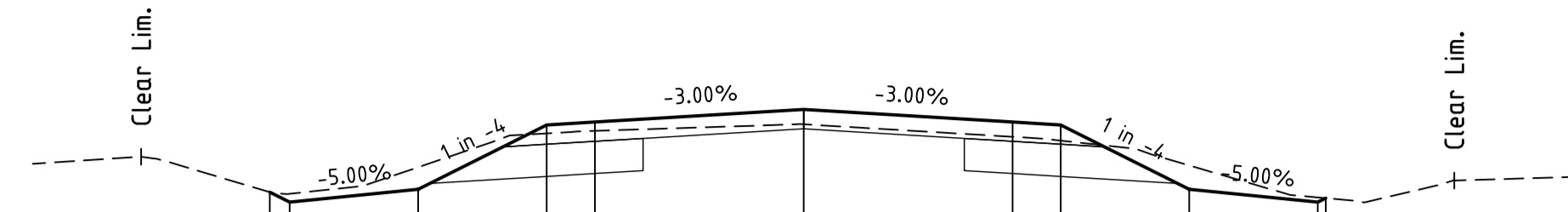
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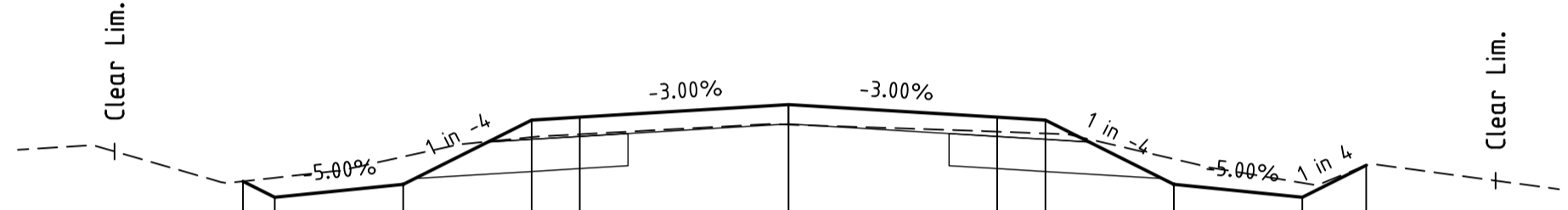
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Ch 38360.000



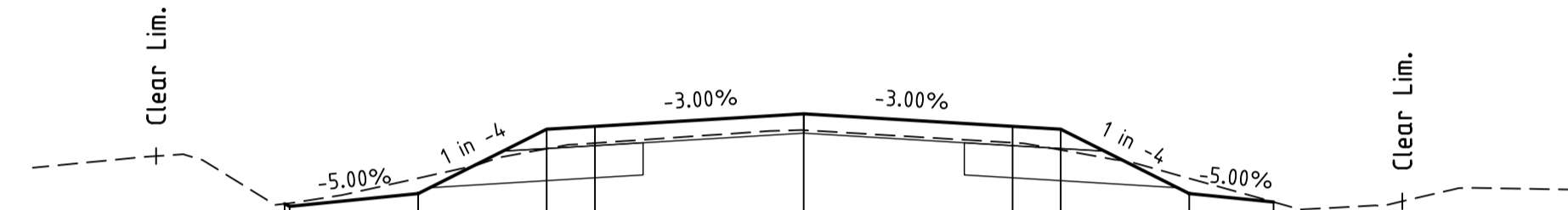
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Ch 38420.000



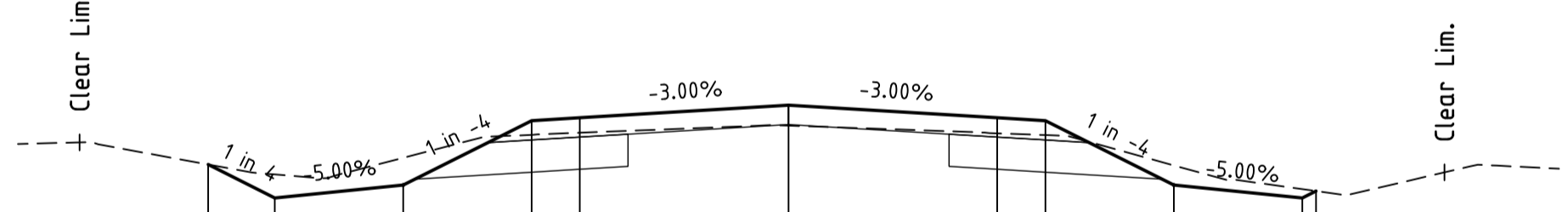
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Ch 38340.000



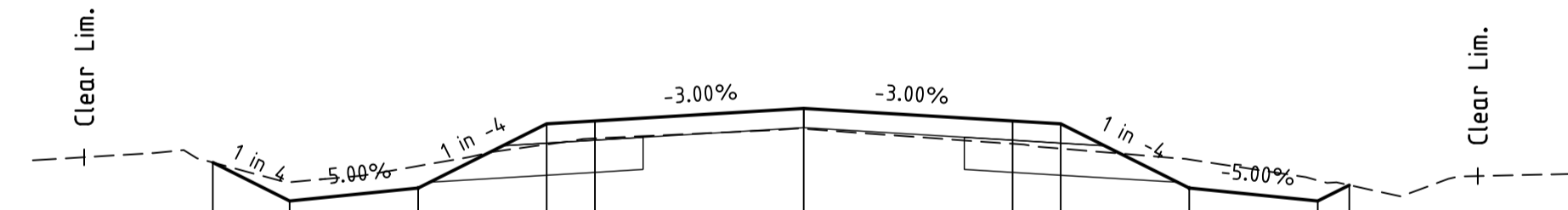
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EXISTING		141.231	141.235	141.430	141.659	141.703	141.804	141.706	141.650	141.429	141.245	141.245			
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Ch 38400.000



Datum 140.00															
DESIGN		141.716	141.457	141.557	142.057	142.079	142.177	141.945	142.057	141.557	141.457	141.510			
EXISTING		141.716	141.639	141.768	141.946	141.963	142.018	141.959	141.945	141.710	141.525	141.510			
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Ch 38320.000



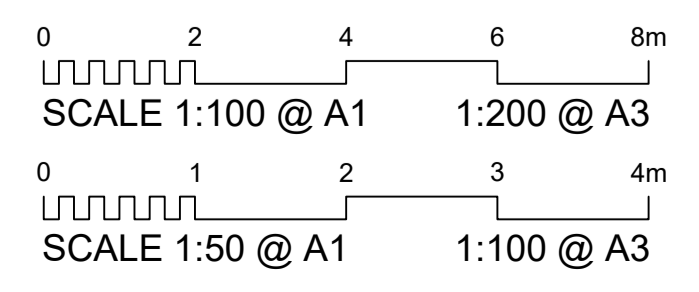
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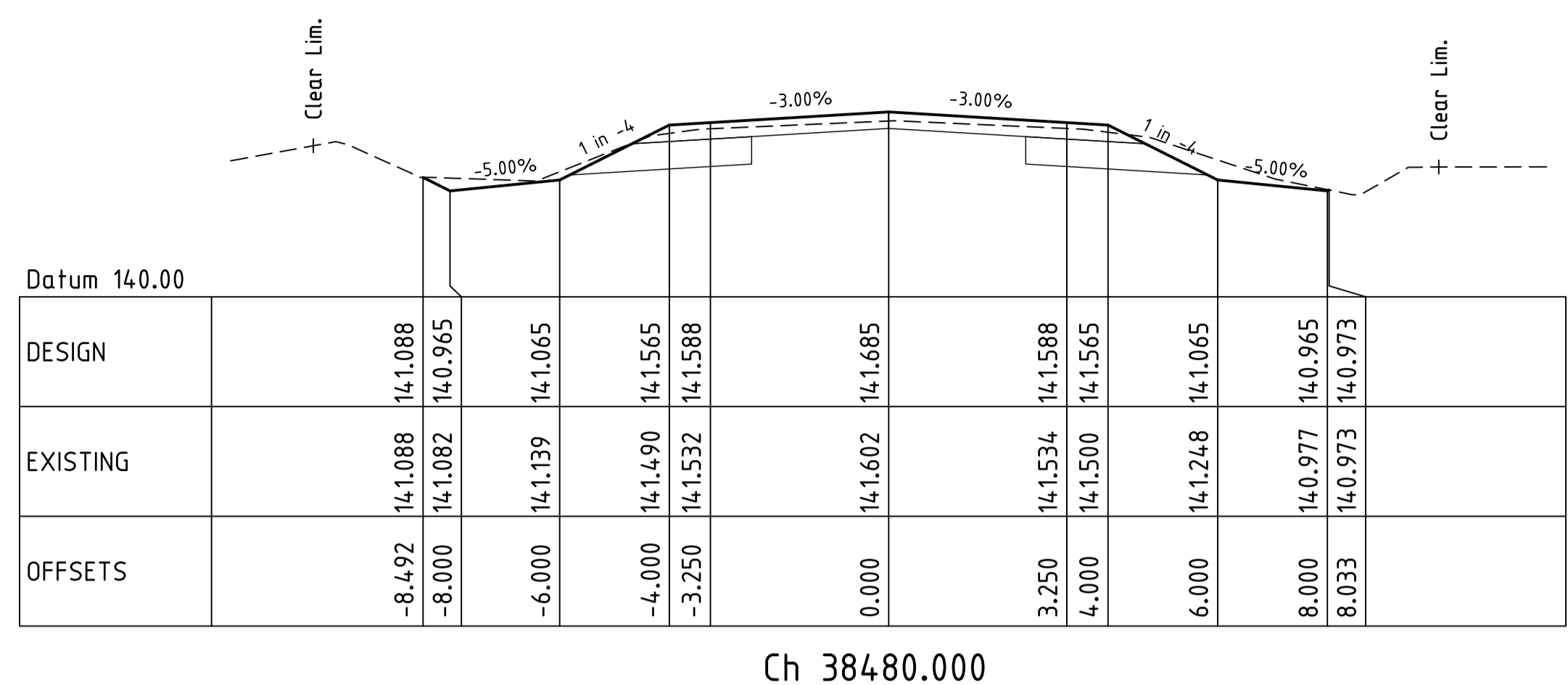
PROJECT IDENTIFIER

CLIENT BANANA SHIRE COUNCIL
 PROJECT THEODORE-MOURA ROAD
 TITLE ROADWORKS CROSS SECTIONS - SHEET 5 OF 5

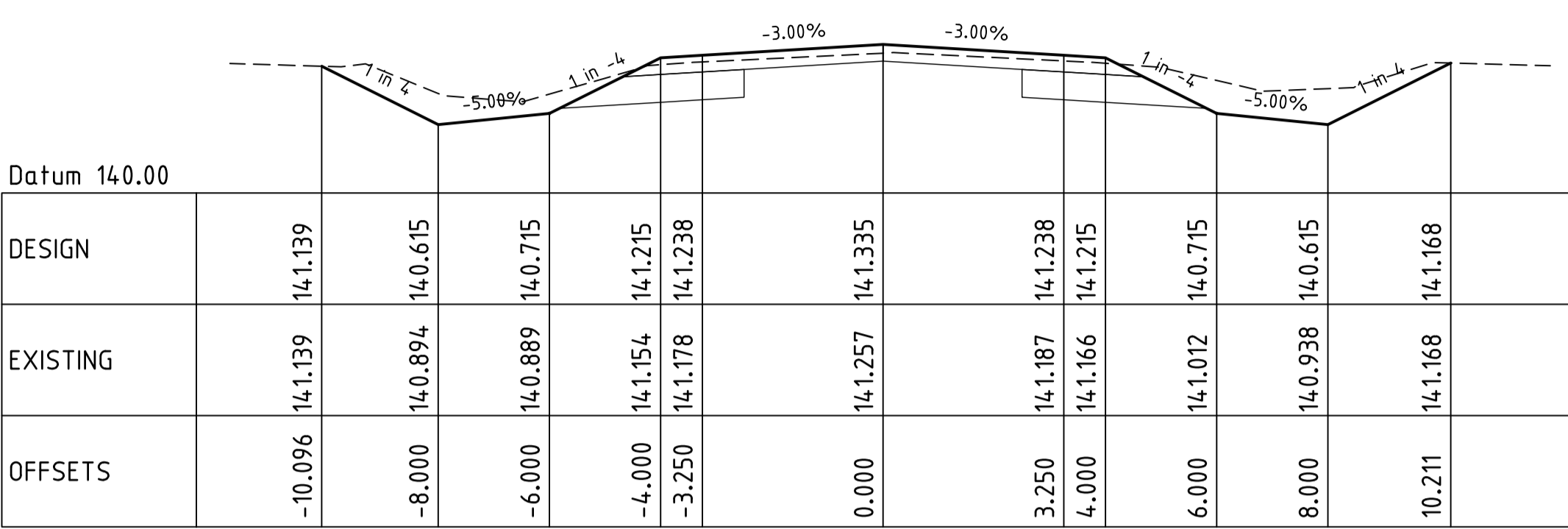
DRAWING NUMBER R012-23-24-XS-05

REVISION A

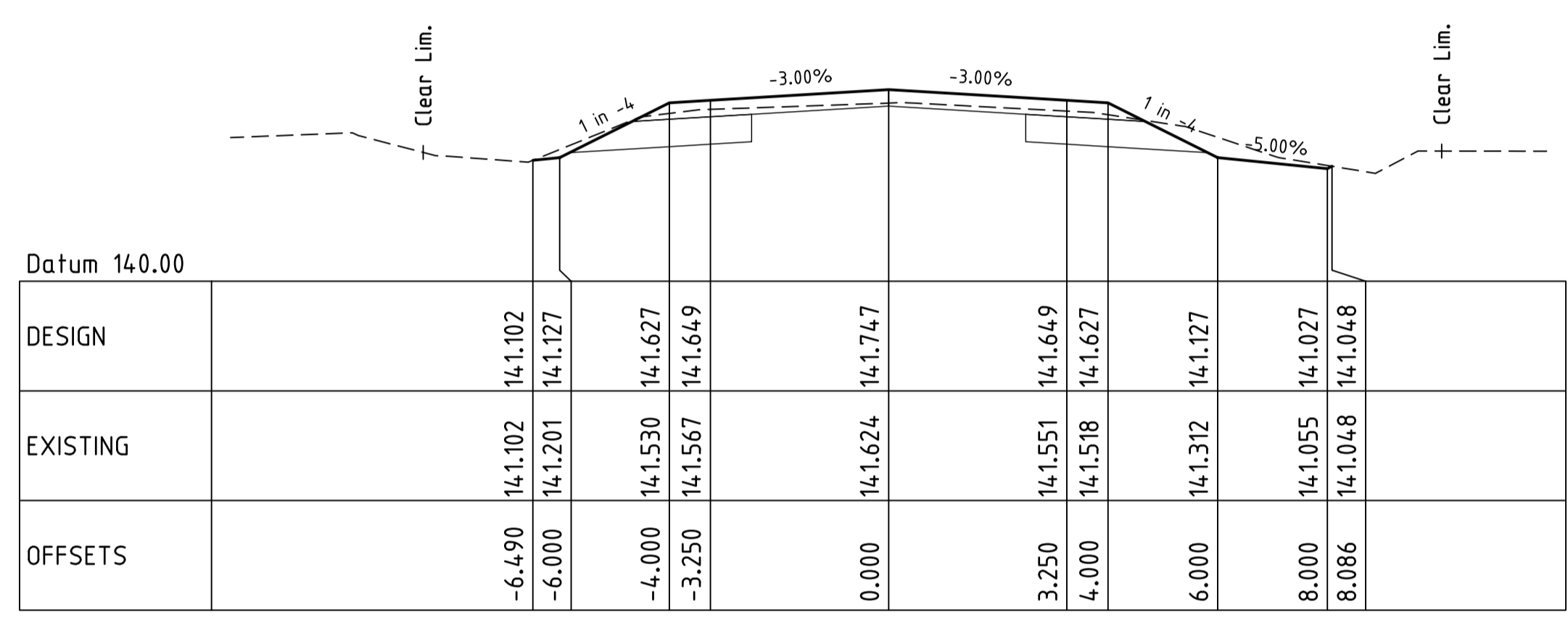
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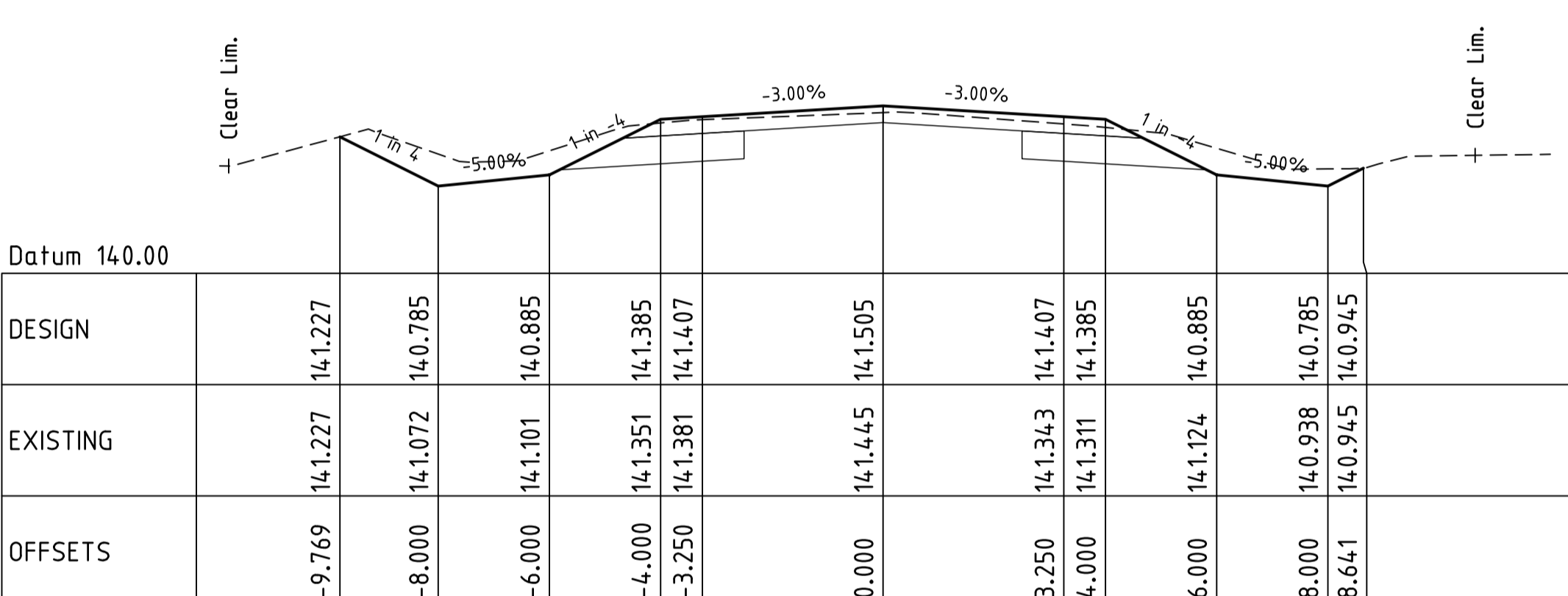
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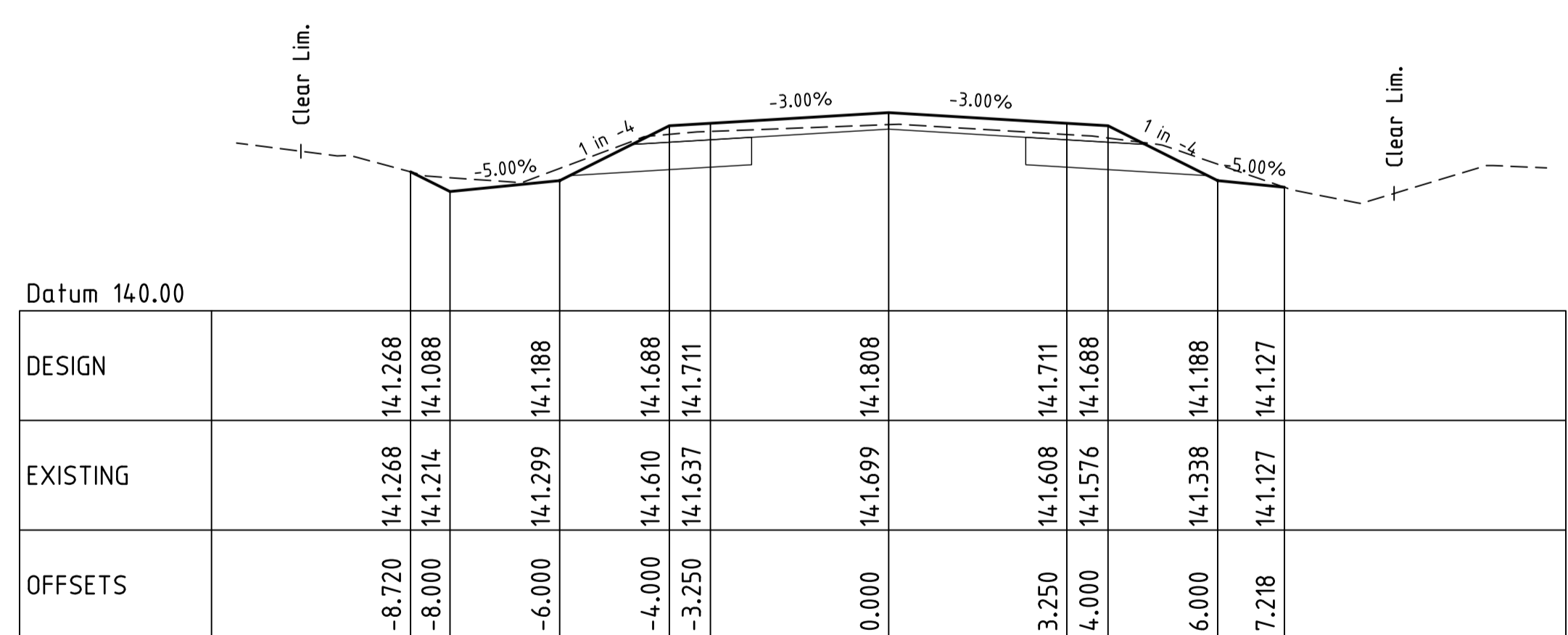
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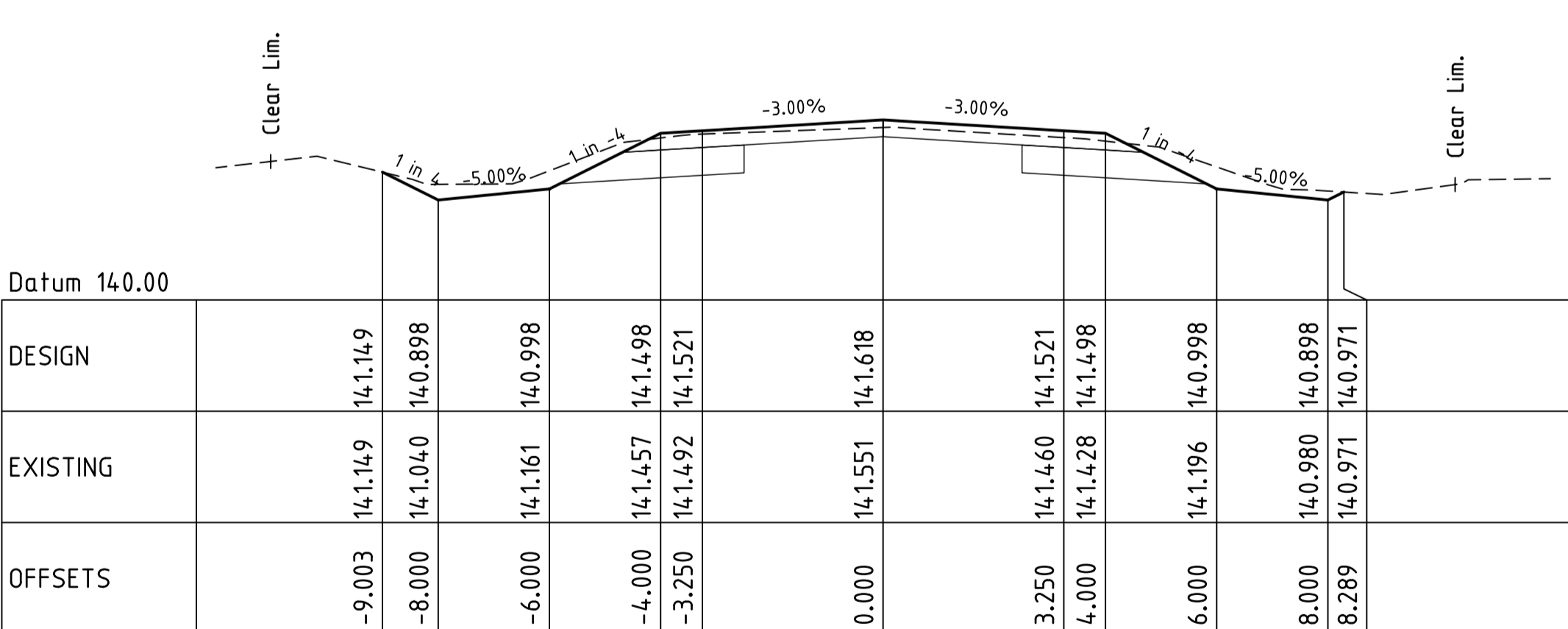
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Ch 38520.000



Ch 38440.000

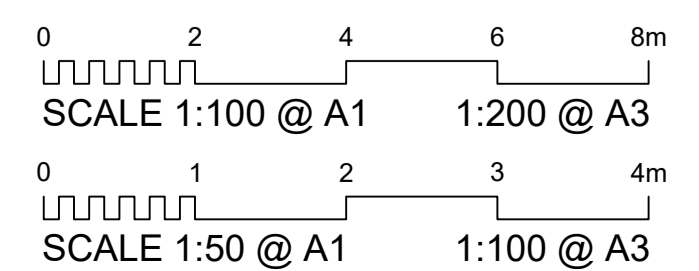


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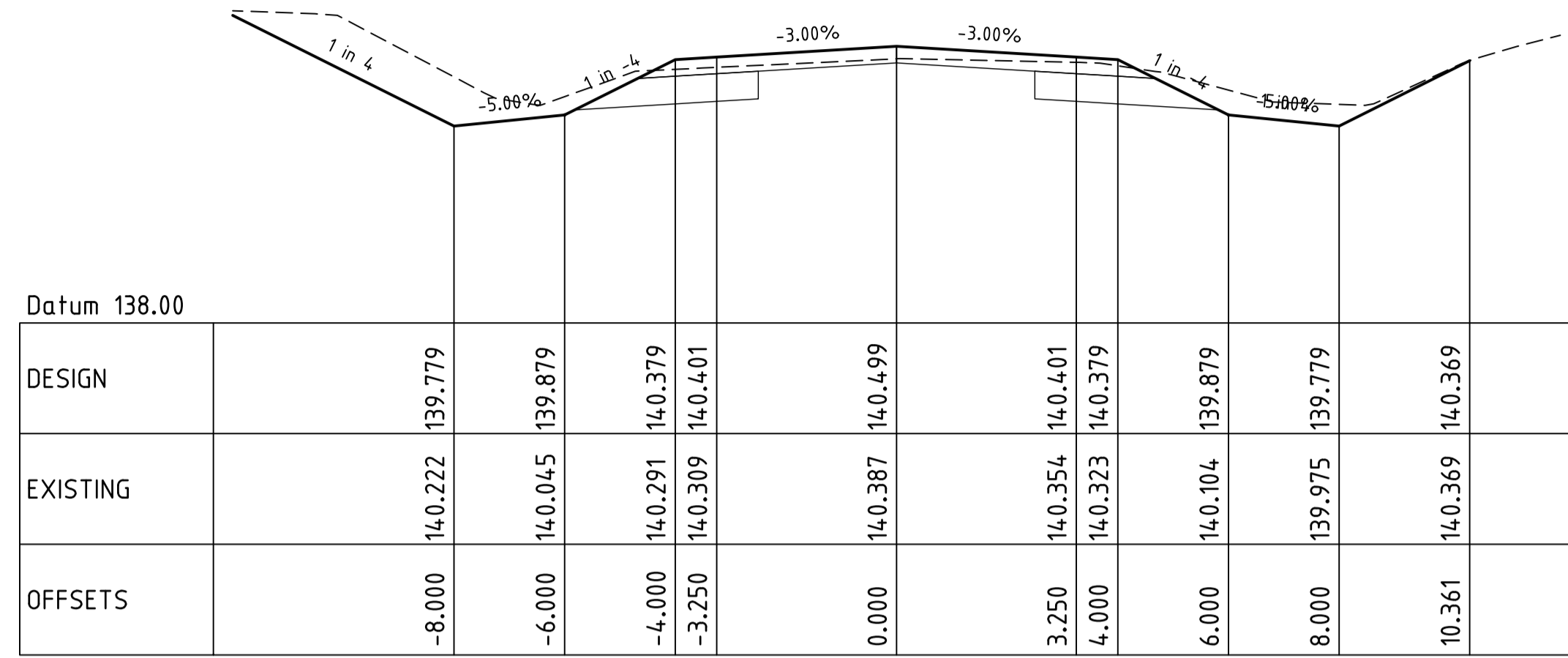
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CLIENT BANANA SHIRE COUNCIL
PROJECT THEODORE-MOURA ROAD
TITLE ROADWORKS CROSS SECTIONS - SHEET 6 OF 6

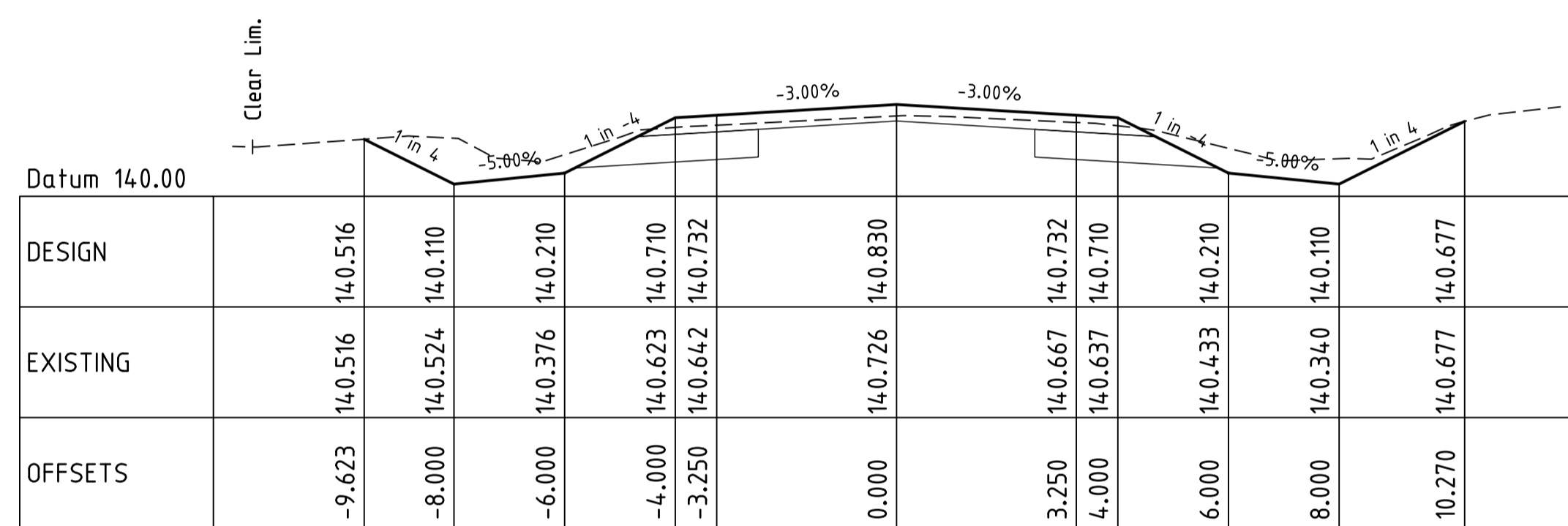
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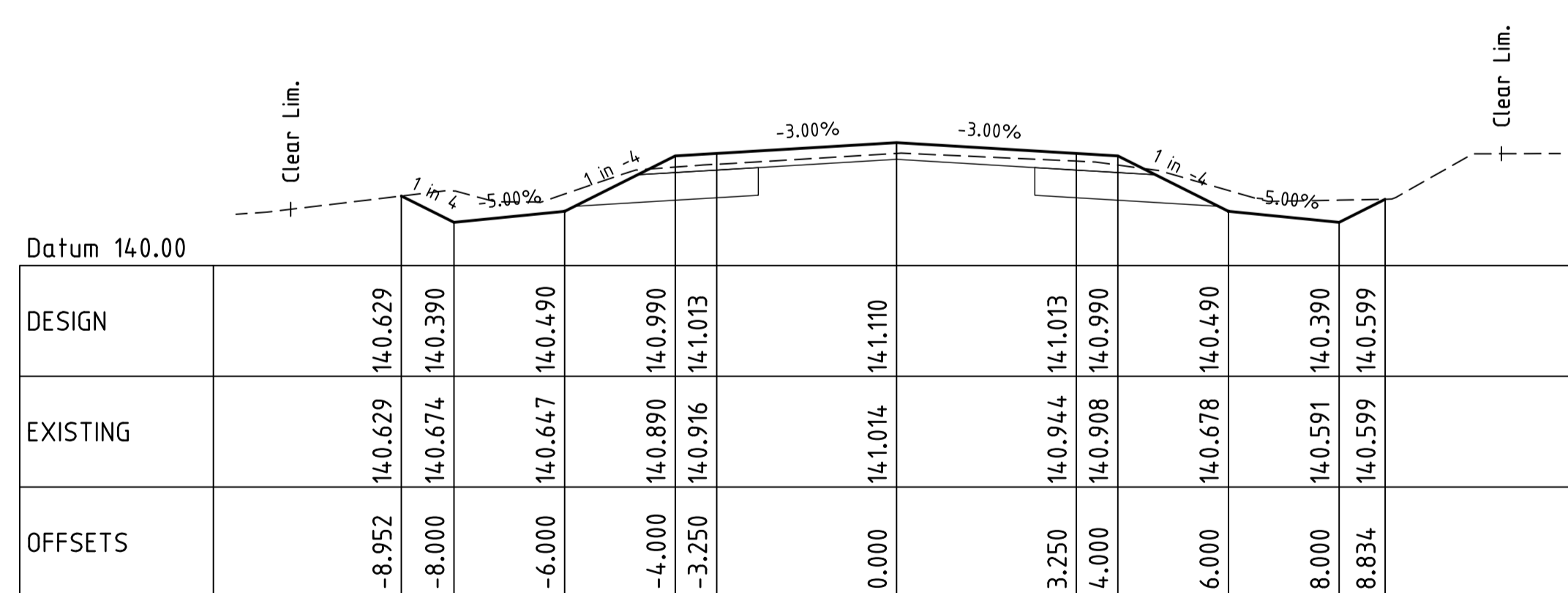
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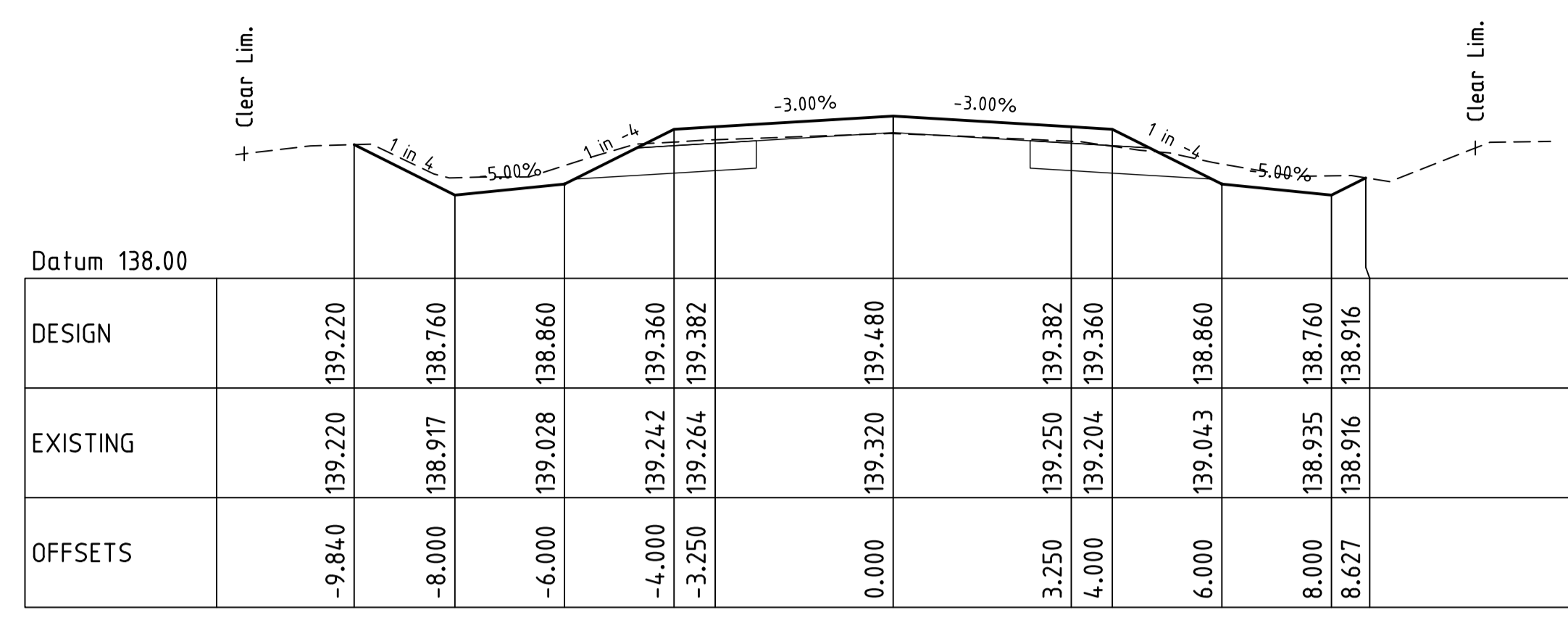
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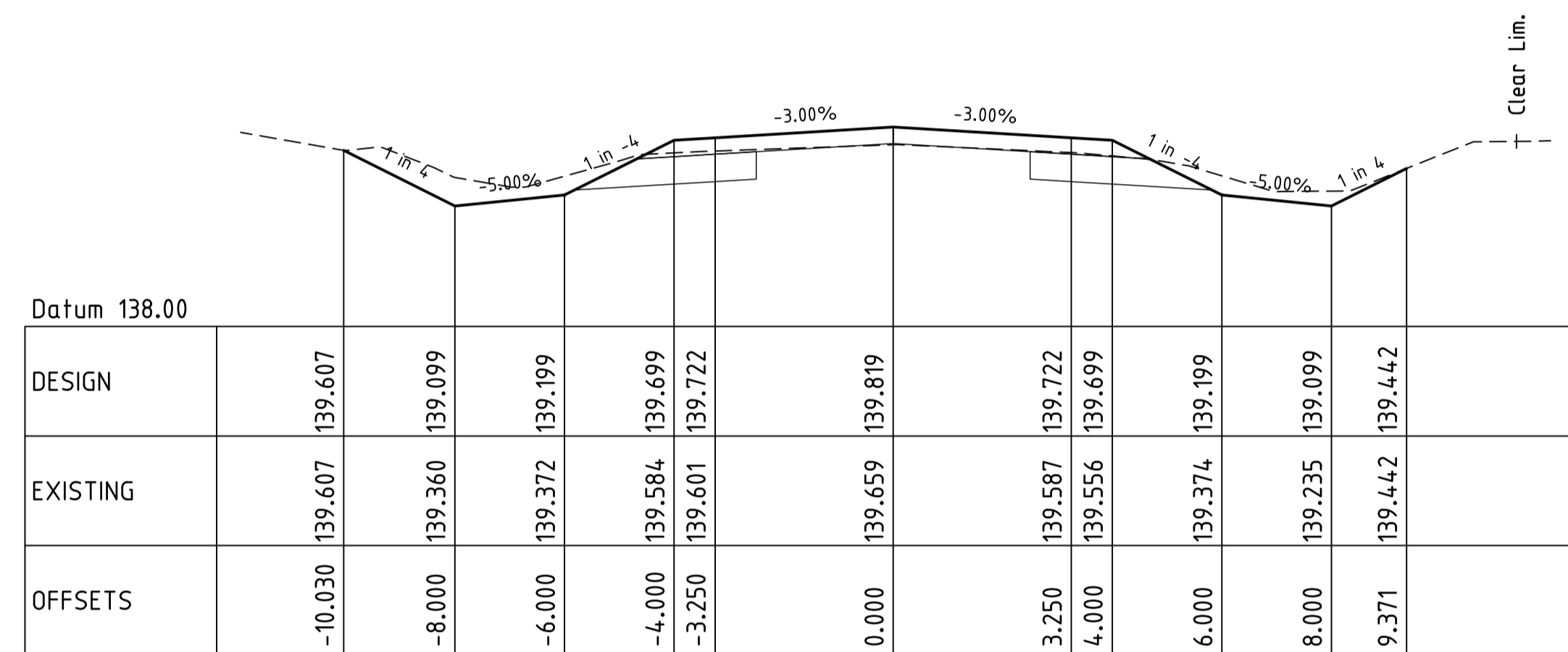
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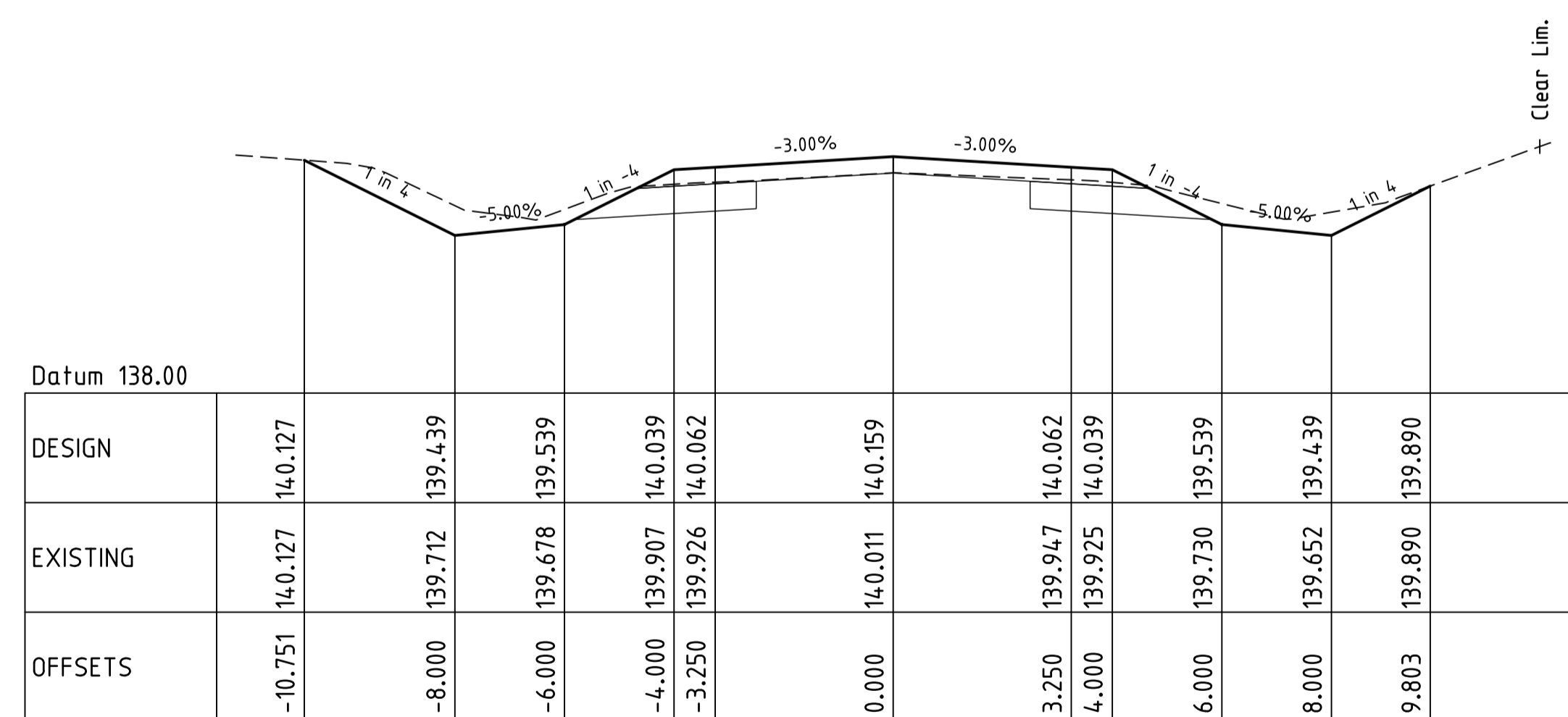
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Ch 38660.00



Ch 38640.00

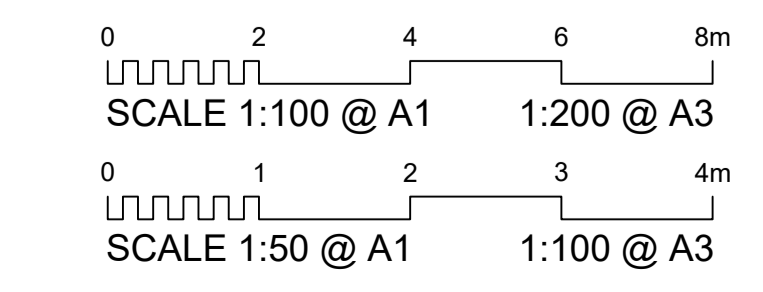


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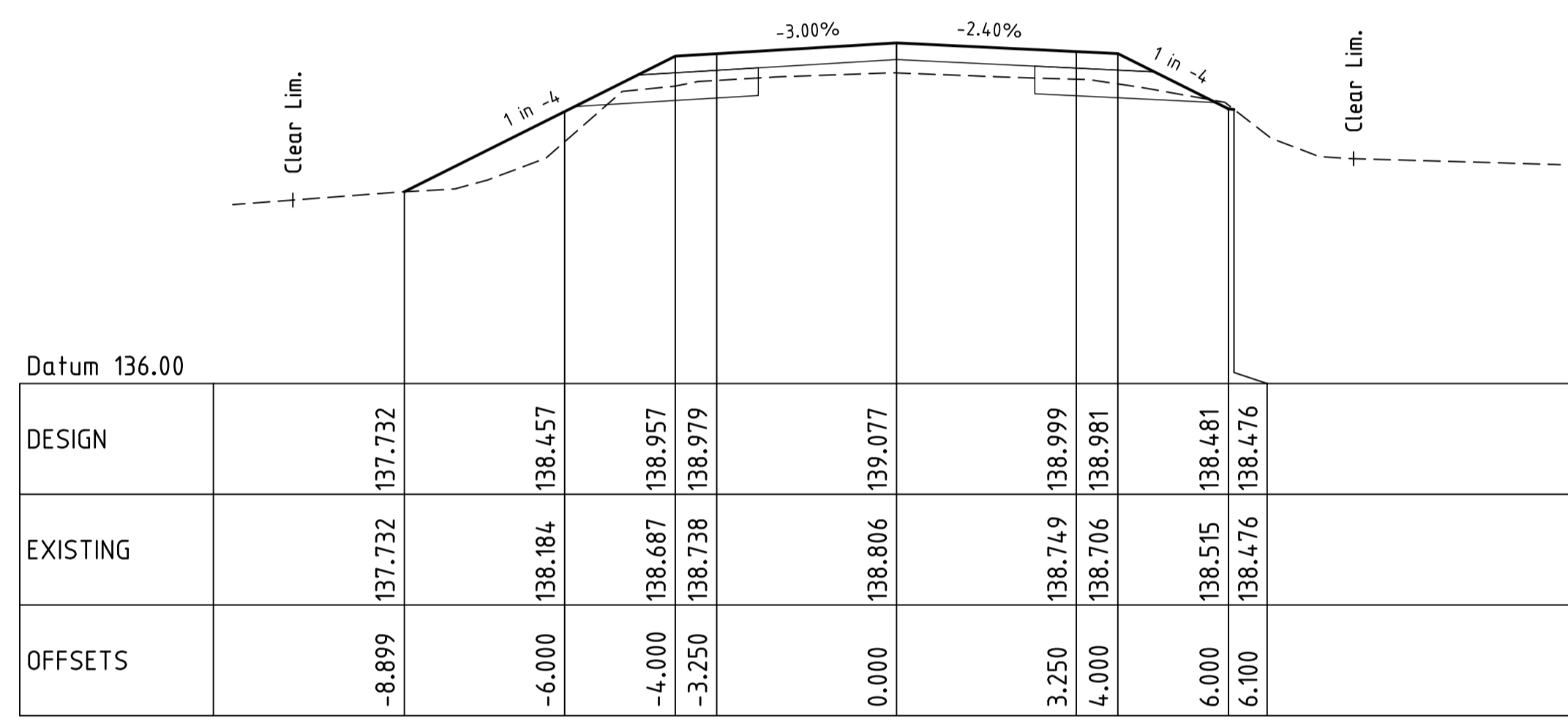
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CLIENT BANANA SHIRE COUNCIL
PROJECT THEODORE-MOURA ROAD
TITLE ROADWORKS CROSS SECTIONS - SHEET 7 OF 7

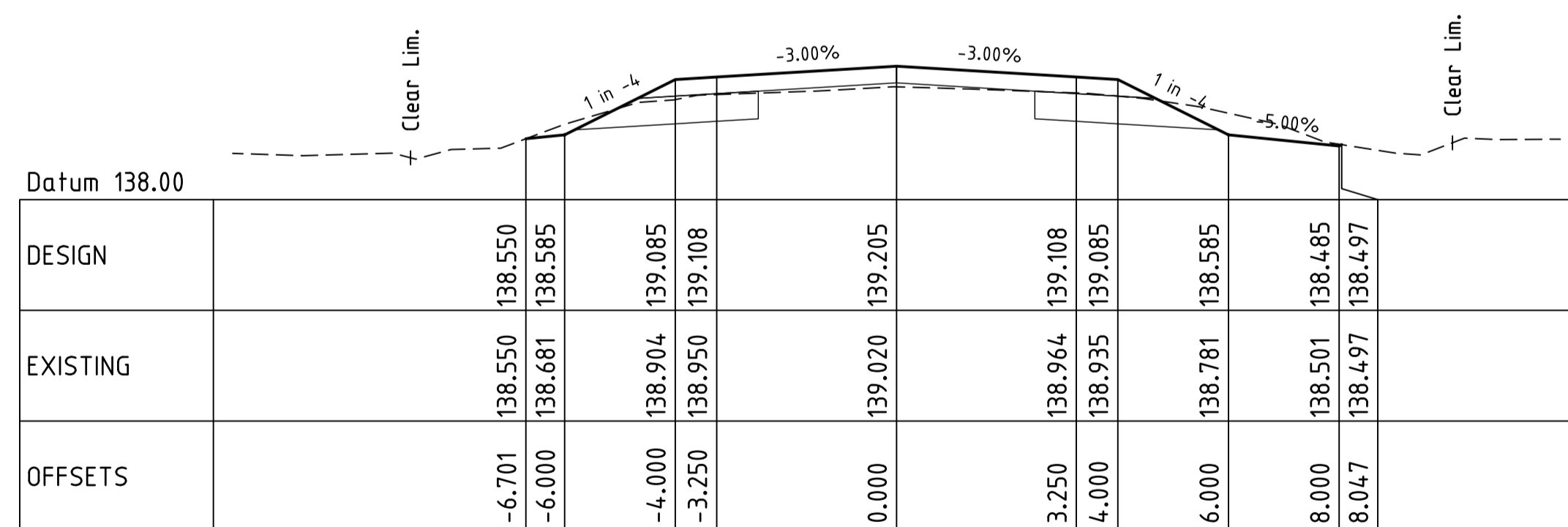
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REVISION A

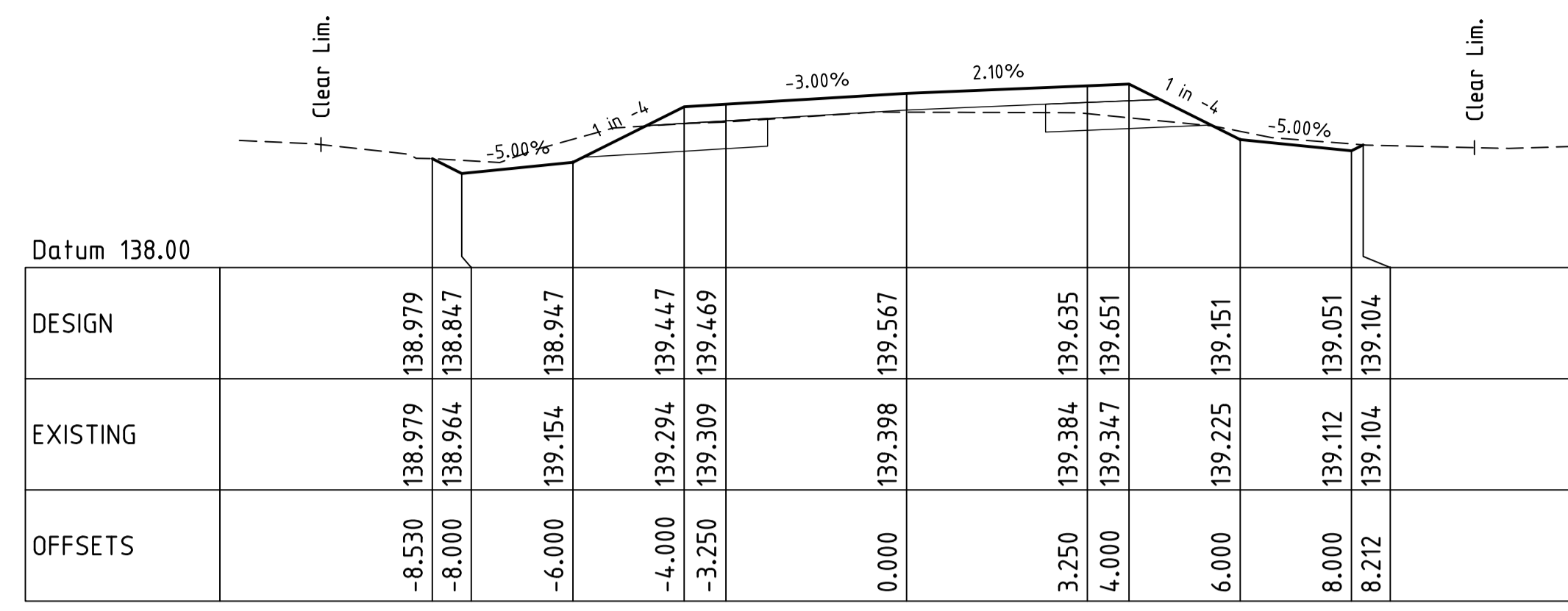
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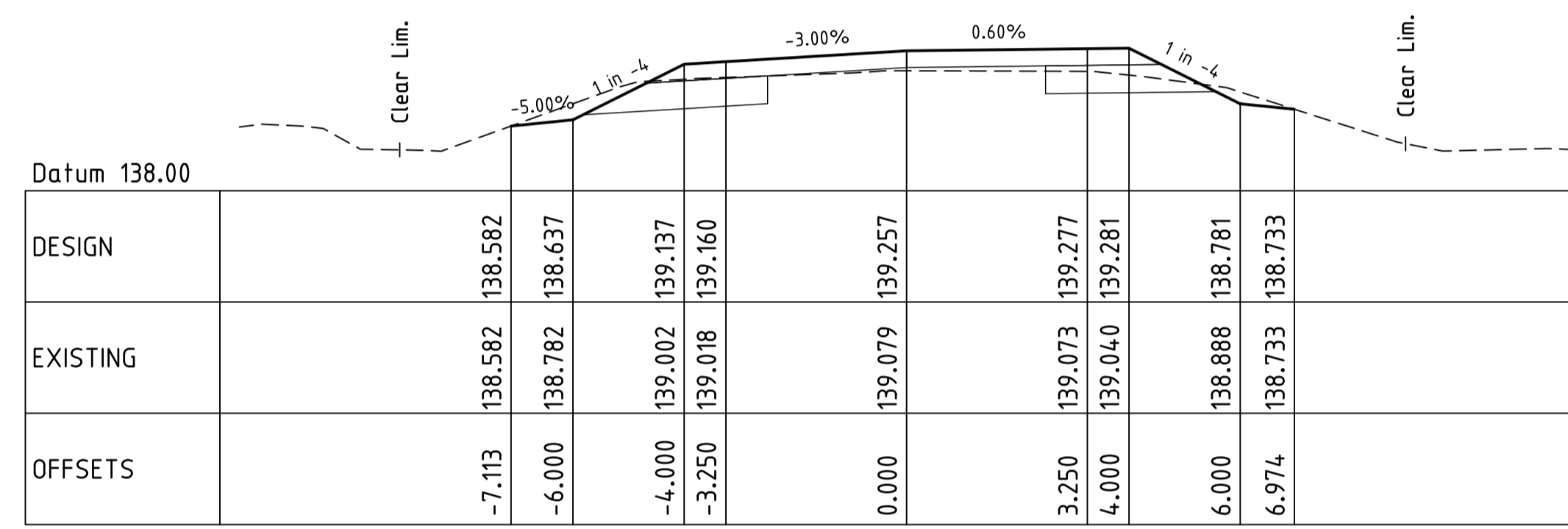
Ch 38700.00



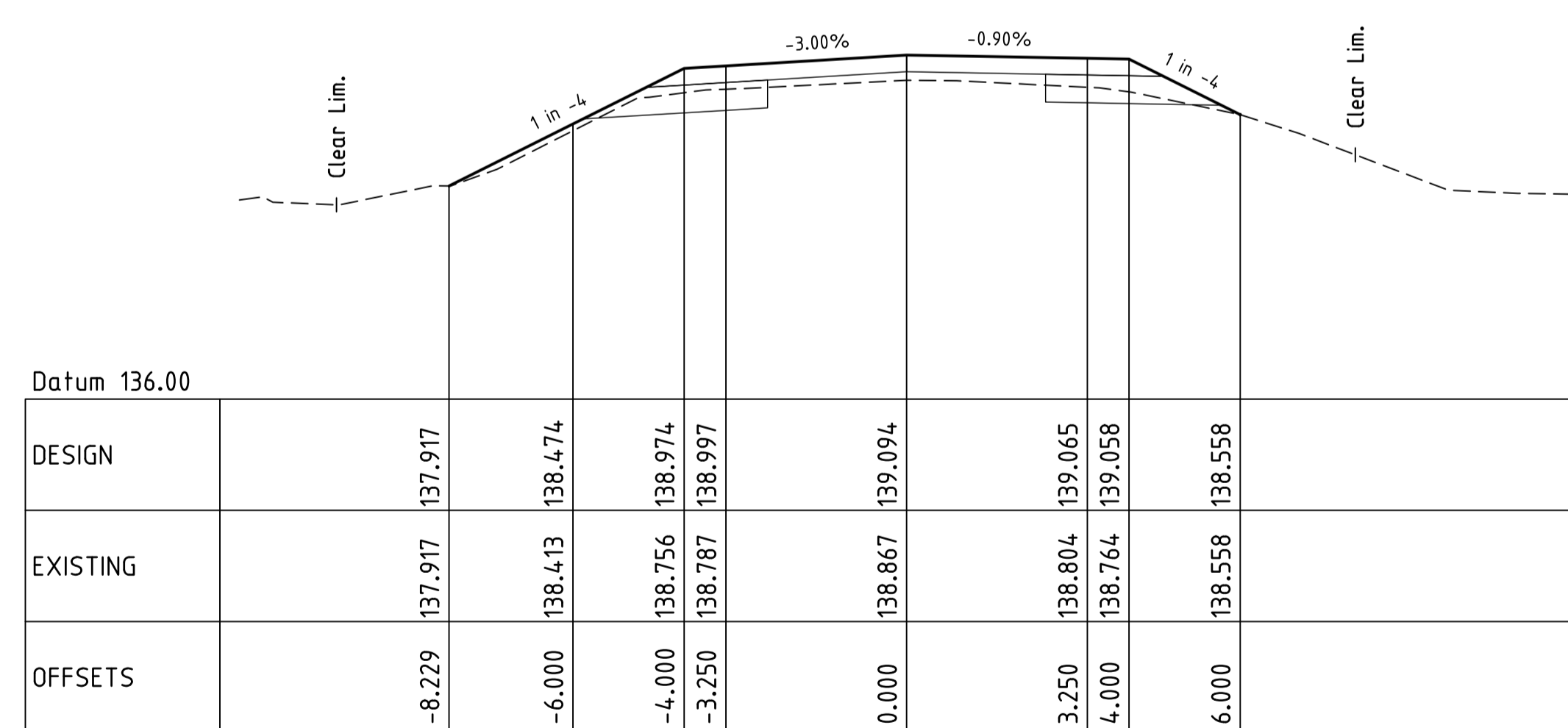
Ch 38680.00



Ch 38760.00



Ch 38740.00

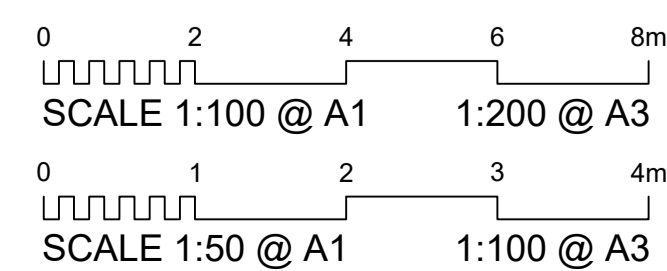


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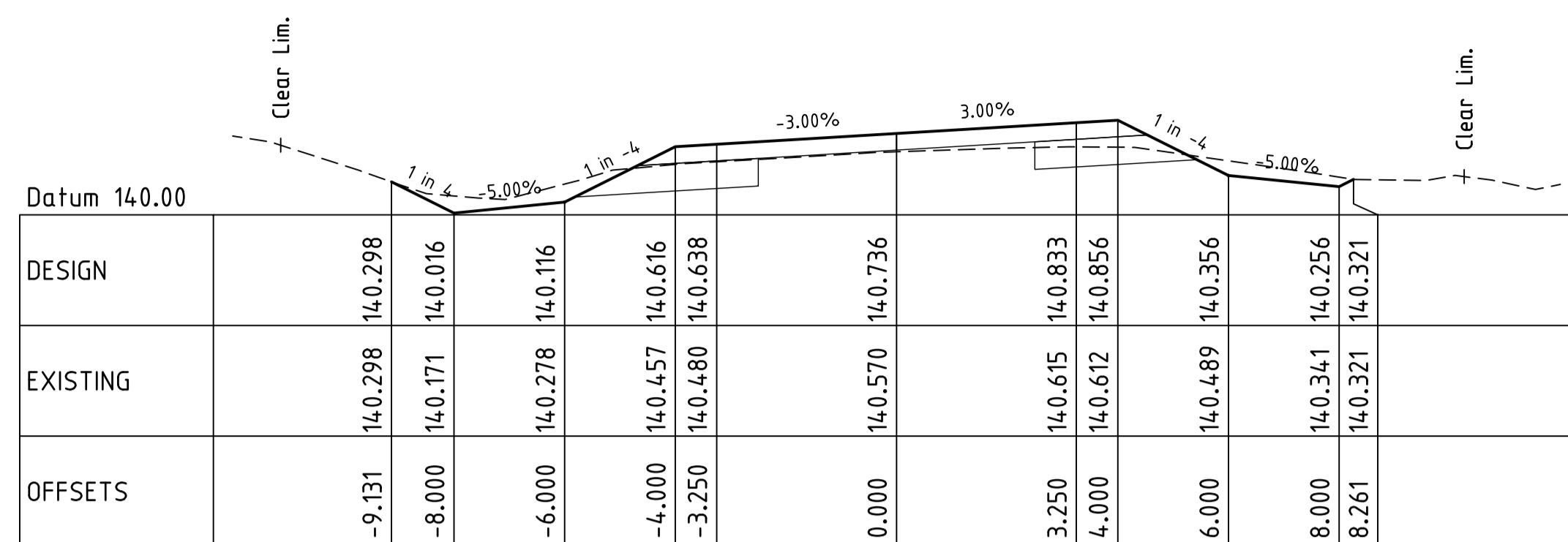
PROJECT IDENTIFIER

CLIENT BANANA SHIRE COUNCIL
PROJECT THEODORE-MOURA ROAD
TITLE ROADWORKS CROSS SECTIONS - SHEET 8 OF 8

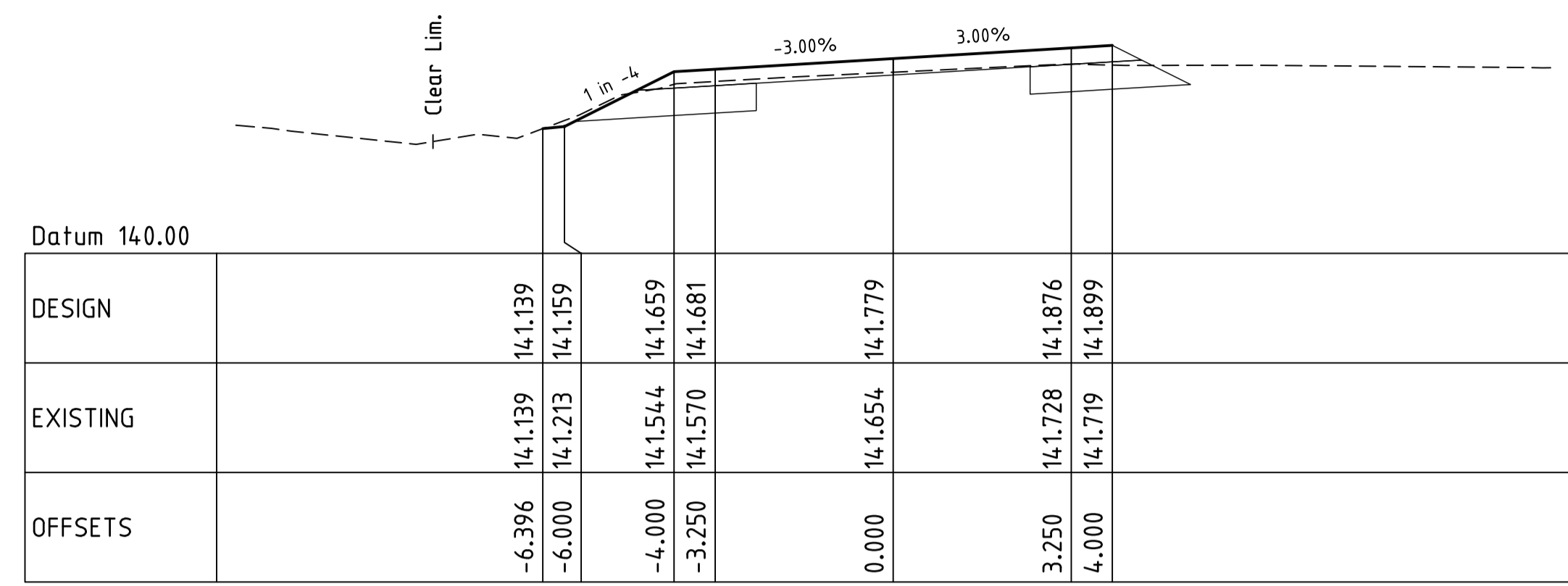
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REVISION A

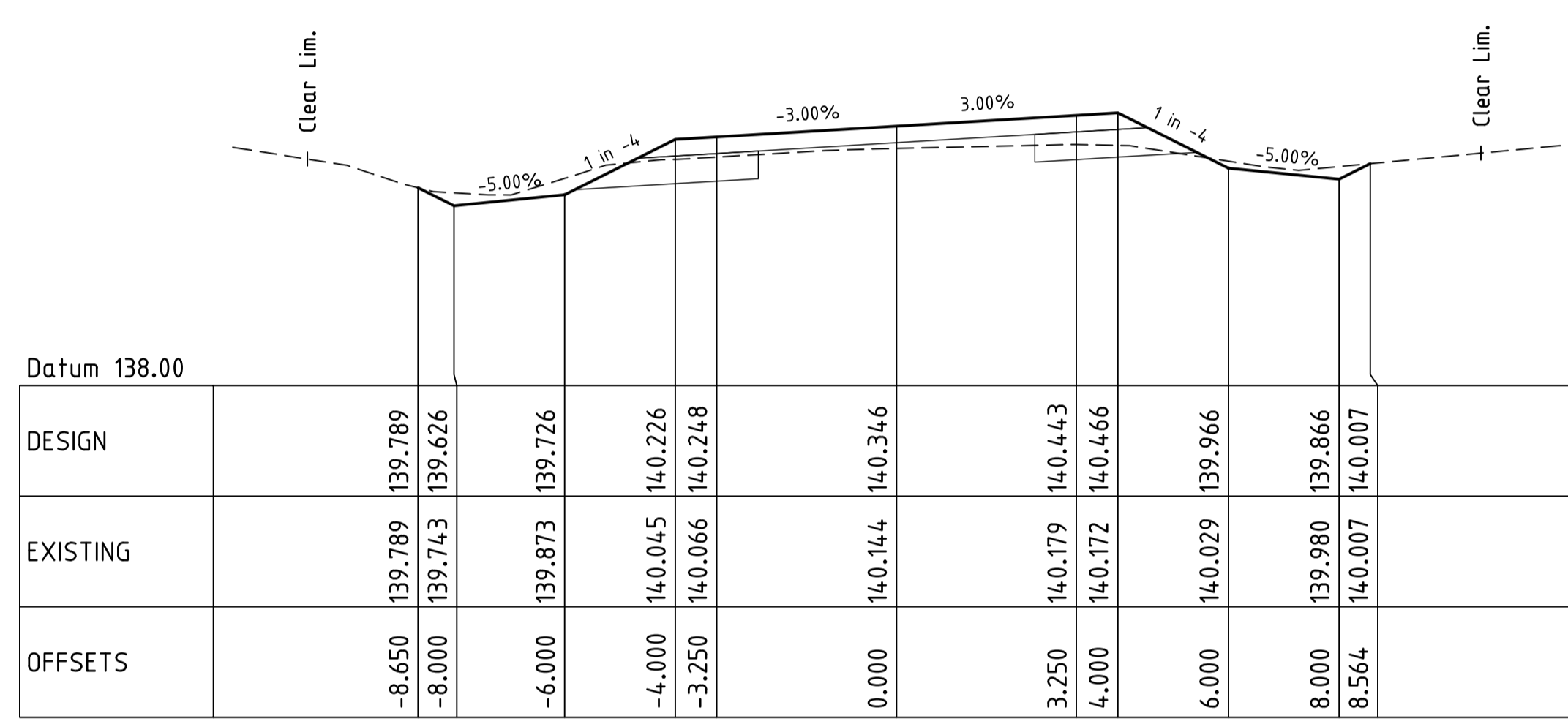
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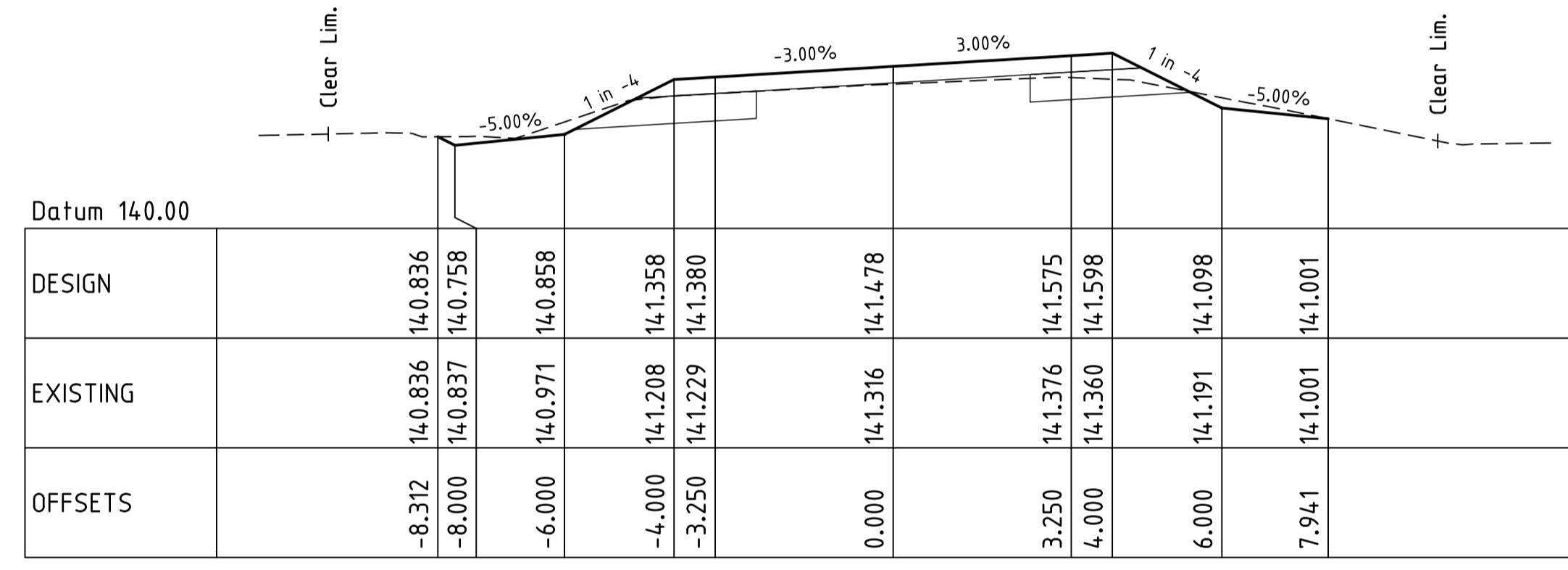
Ch 38820.000



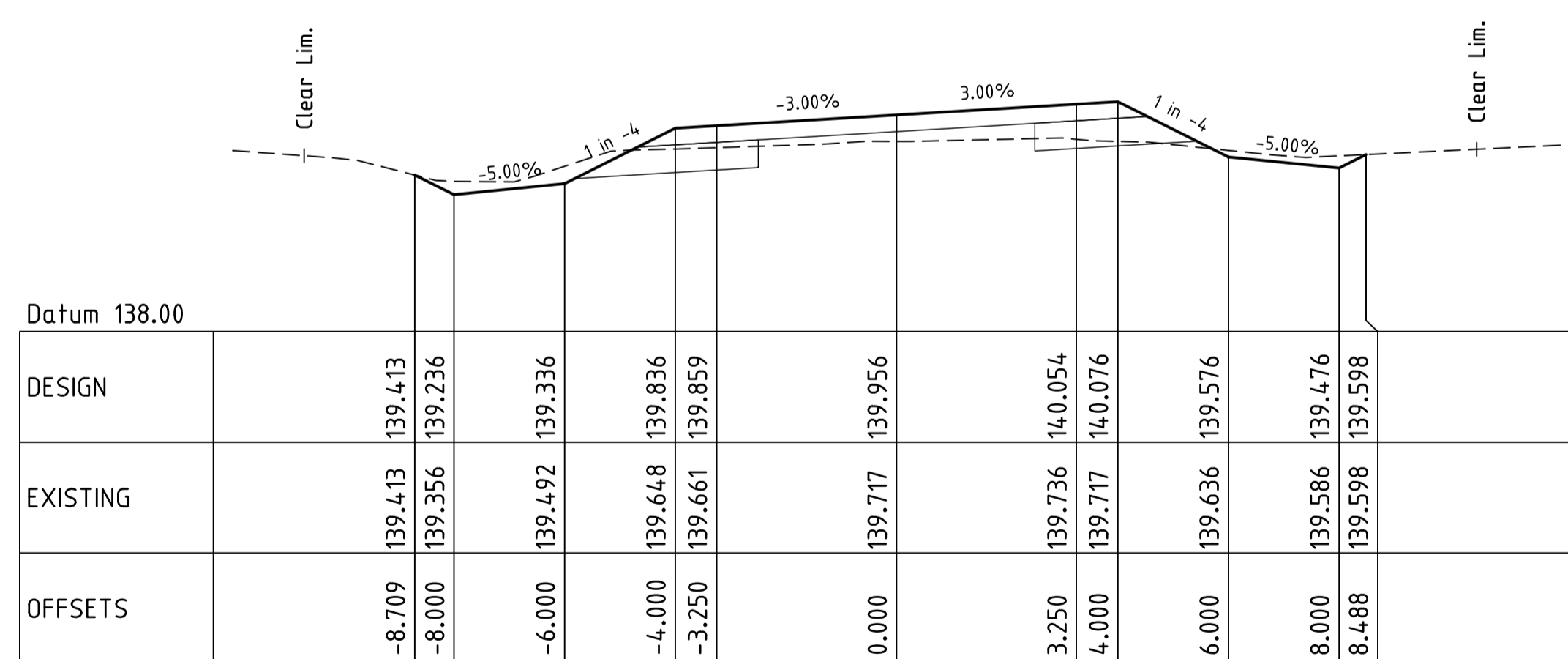
Ch 38880.000



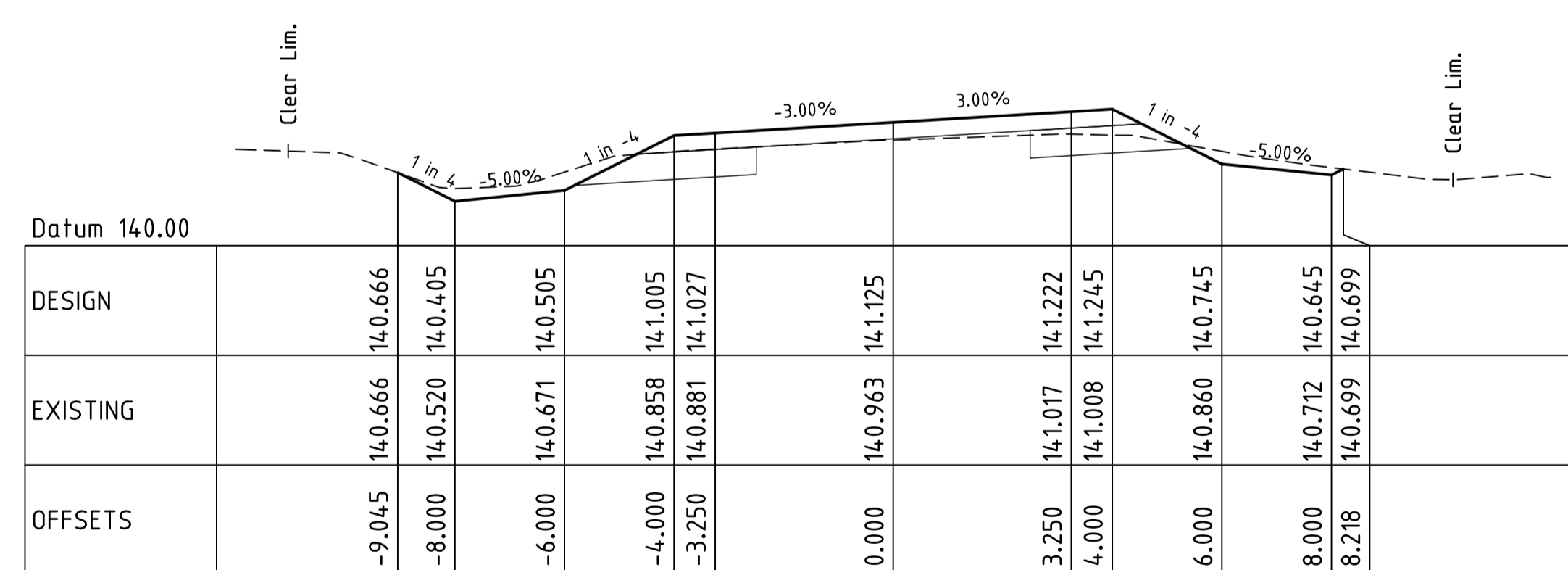
Ch 38800.000



Ch 38860.000



Ch 38780.000

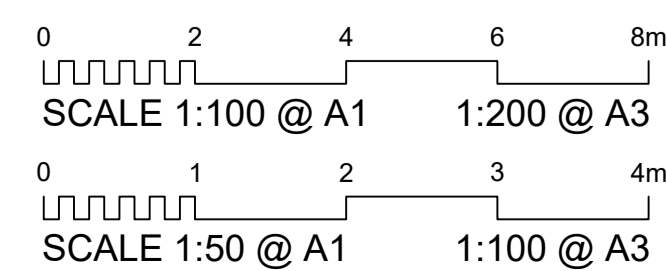


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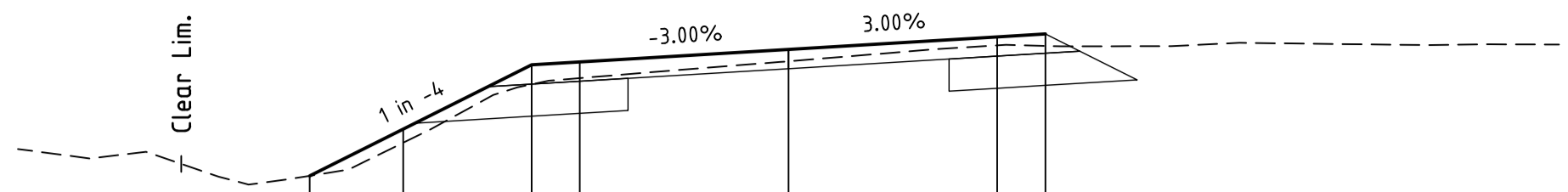
PROJECT IDENTIFIER

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PROJECT THEODORE-MOURA ROAD
TITLE ROADWORKS CROSS SECTIONS - SHEET 9 OF 10

DRAWING NUMBER R012-23-24-XS-09

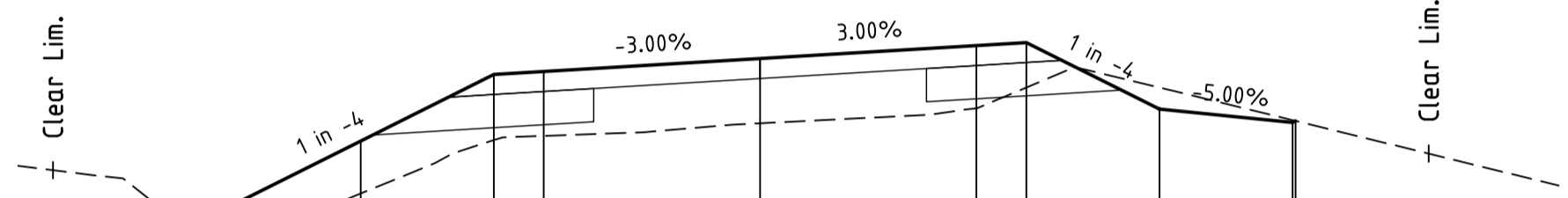
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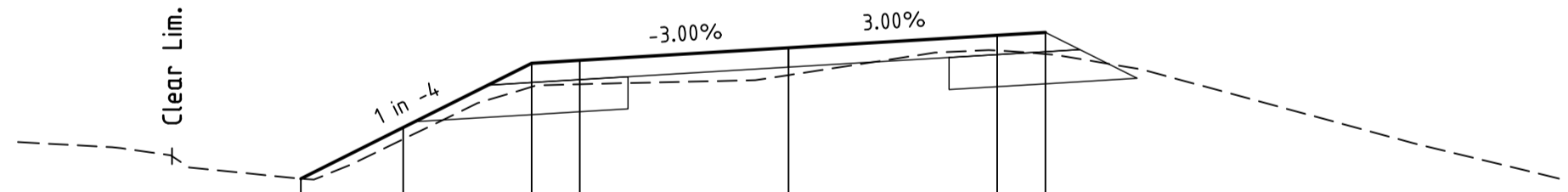
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Ch 38940.000



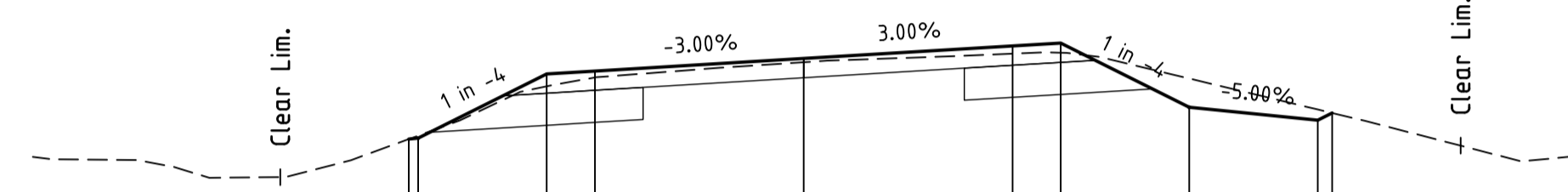
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Ch 38920.000



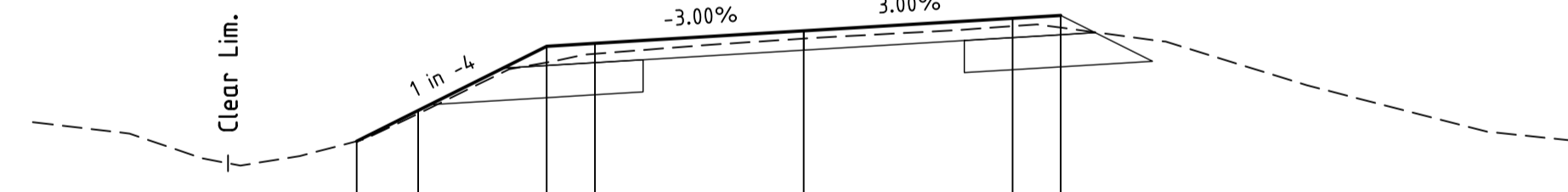
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Ch 38900.000



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DESIGN		141.903	141.911	142.411	142.433		142.531	142.628	142.651
EXISTING		141.903	141.930	142.314	142.383		142.502	142.569	142.576
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Ch 38980.000



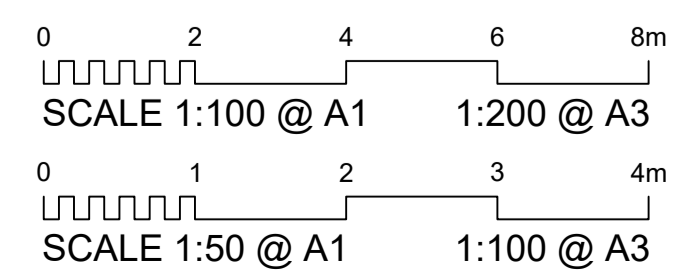
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OFFSETS		-6.958	-6.000	-4.000	-3.250		0.000	3.250	4.000

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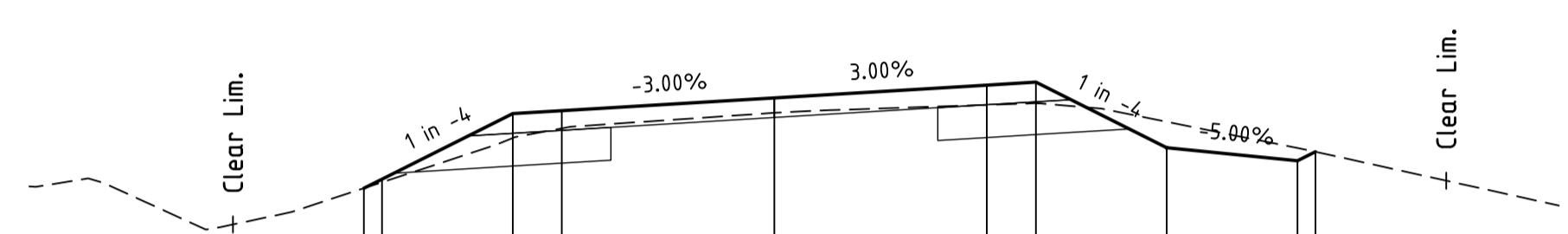
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TITLE ROADWORKS CROSS SECTIONS - SHEET 10 OF 10

DRAWING NUMBER R012-23-24-XS-10

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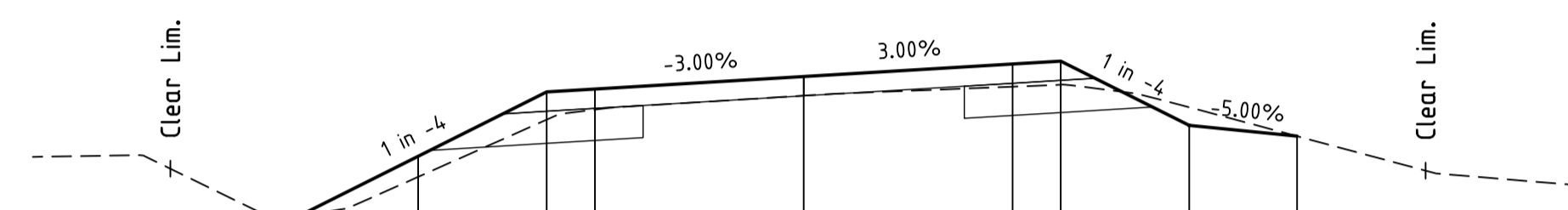
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EXISTING		141.990	142.035	142.373	142.447	142.559		142.582		142.565		142.626	142.777	142.799		142.497		142.297		142.268
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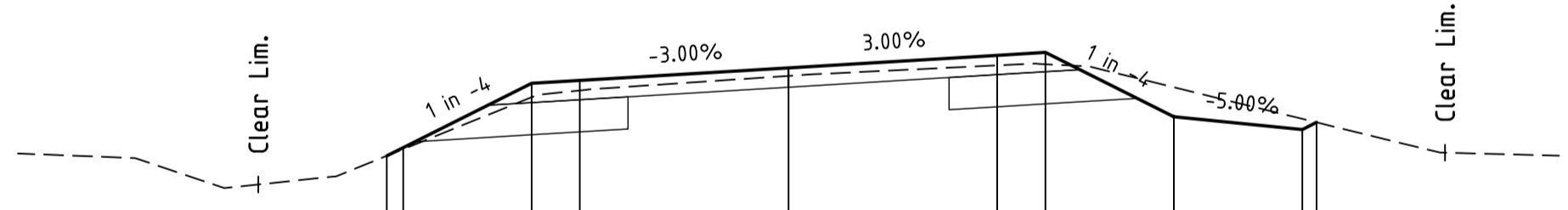
Ch 39020.000



Datum 140.00

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EXISTING		141.743	142.047	142.493	142.570	142.708		142.730		142.679		142.749	142.925	142.948		142.589		142.364		
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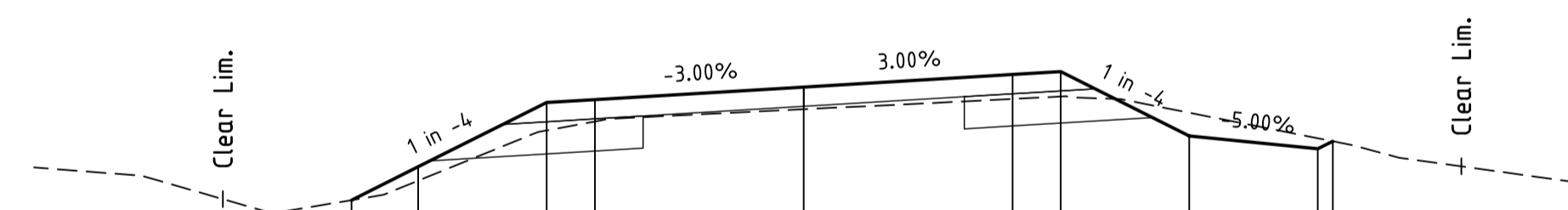
Ch 39060.000



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EXISTING		141.921	141.973	142.377	142.449	142.485		142.507		142.543		142.625	142.702	142.725		142.454		142.208		142.181
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Ch 39000.000



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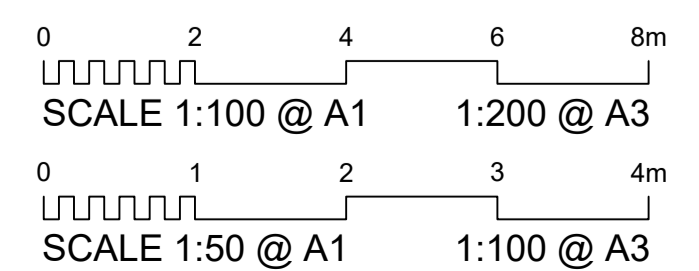
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EXISTING		141.874	142.025	142.416	142.486	142.633		142.656		142.581		142.661	142.851	142.873		142.554		142.355		142.332
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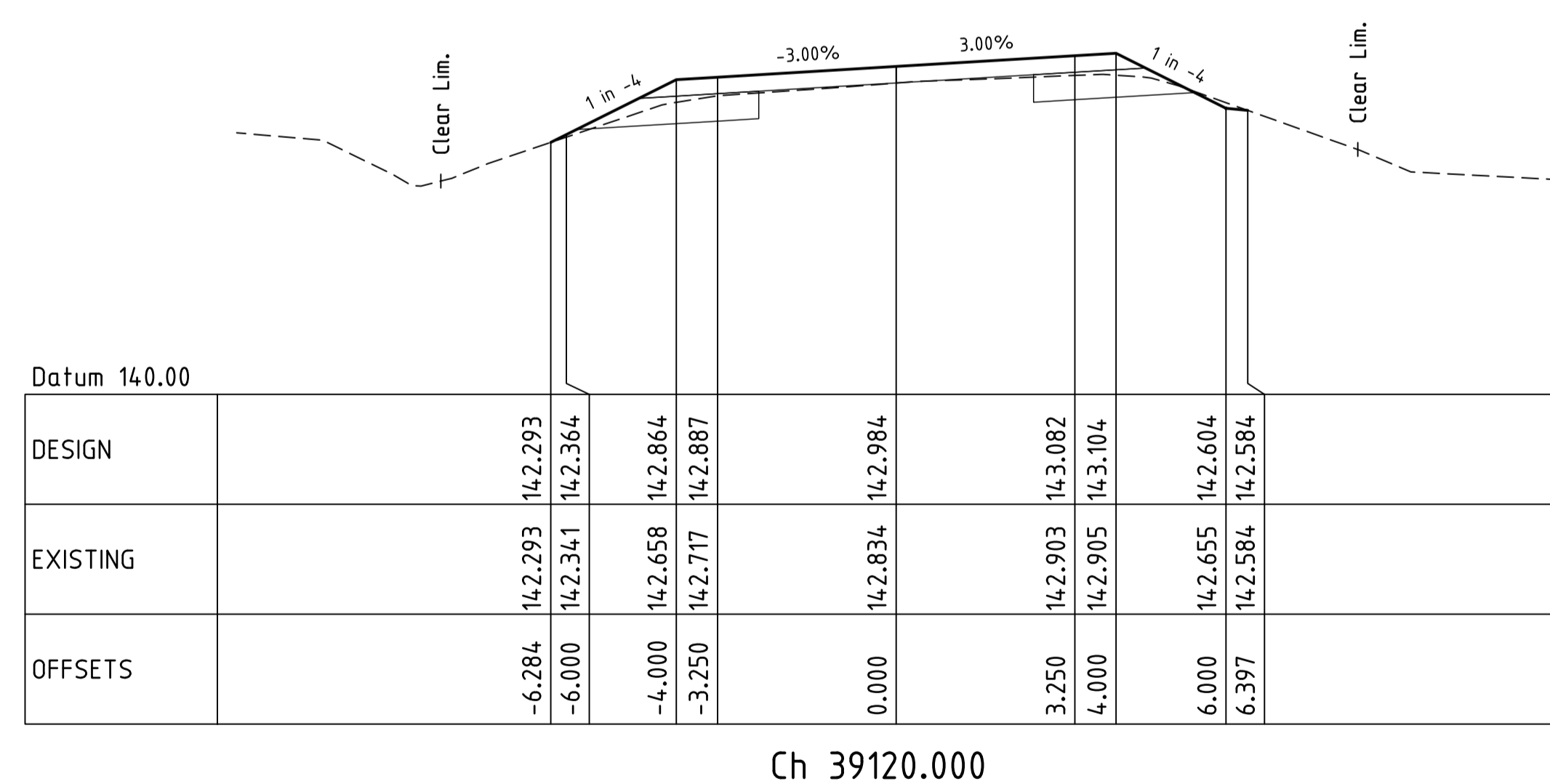
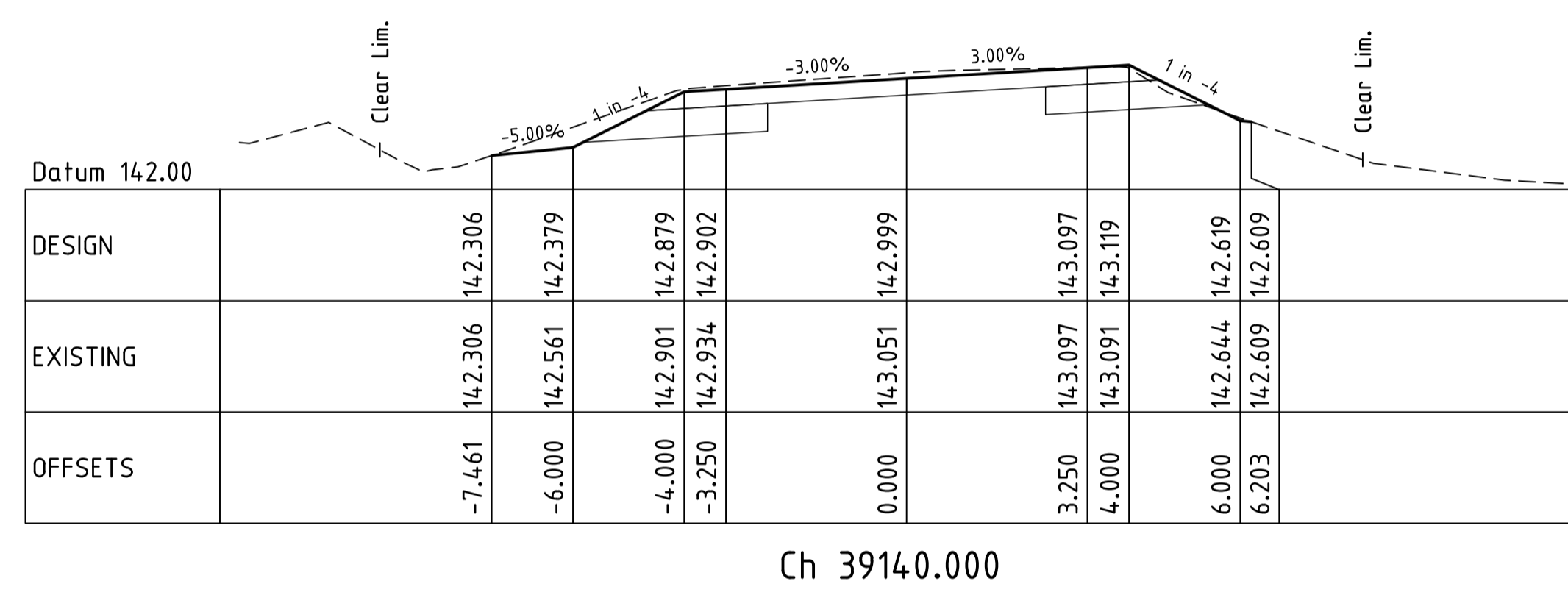
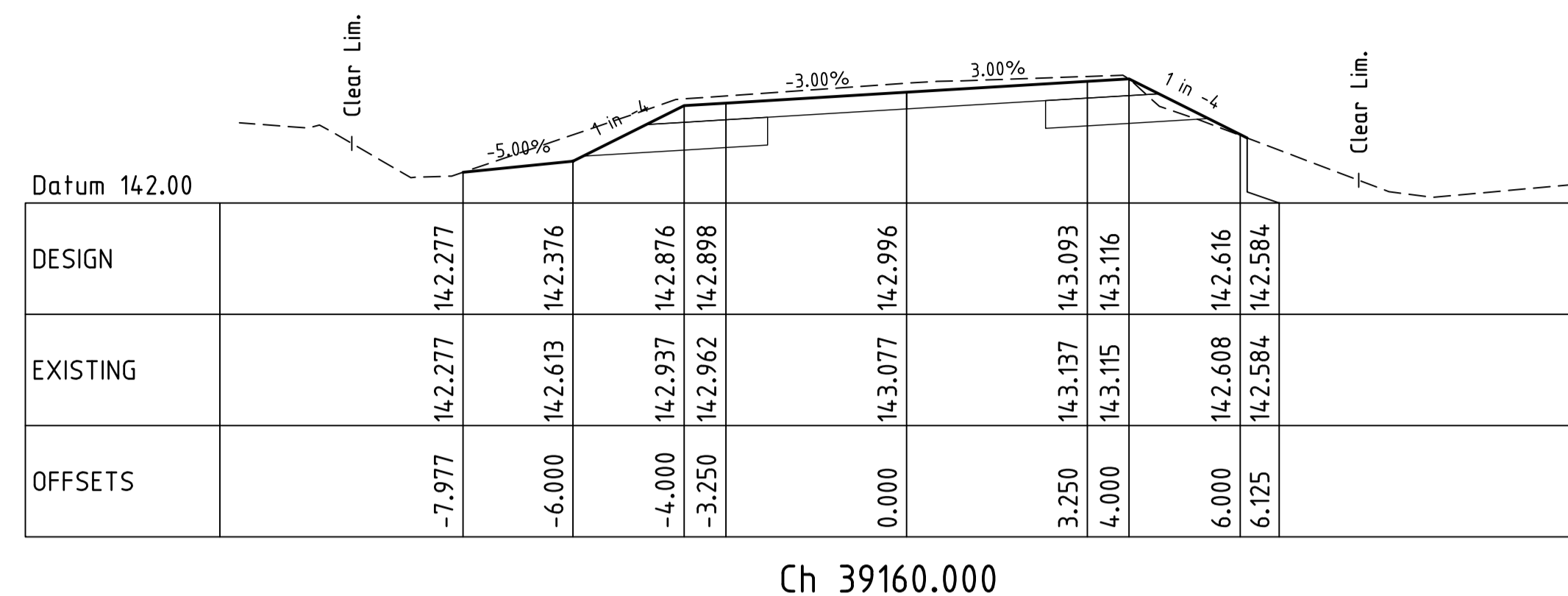
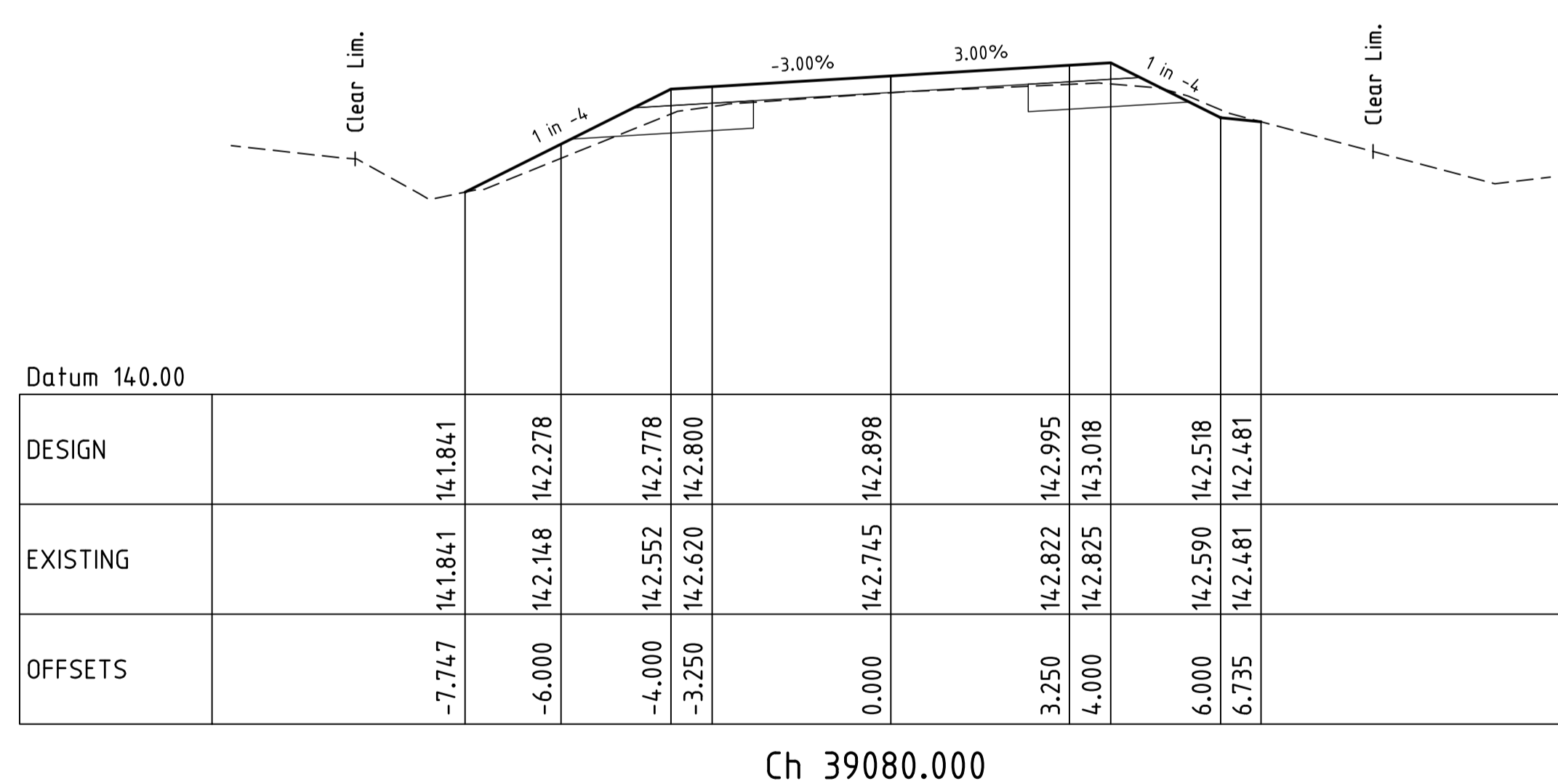
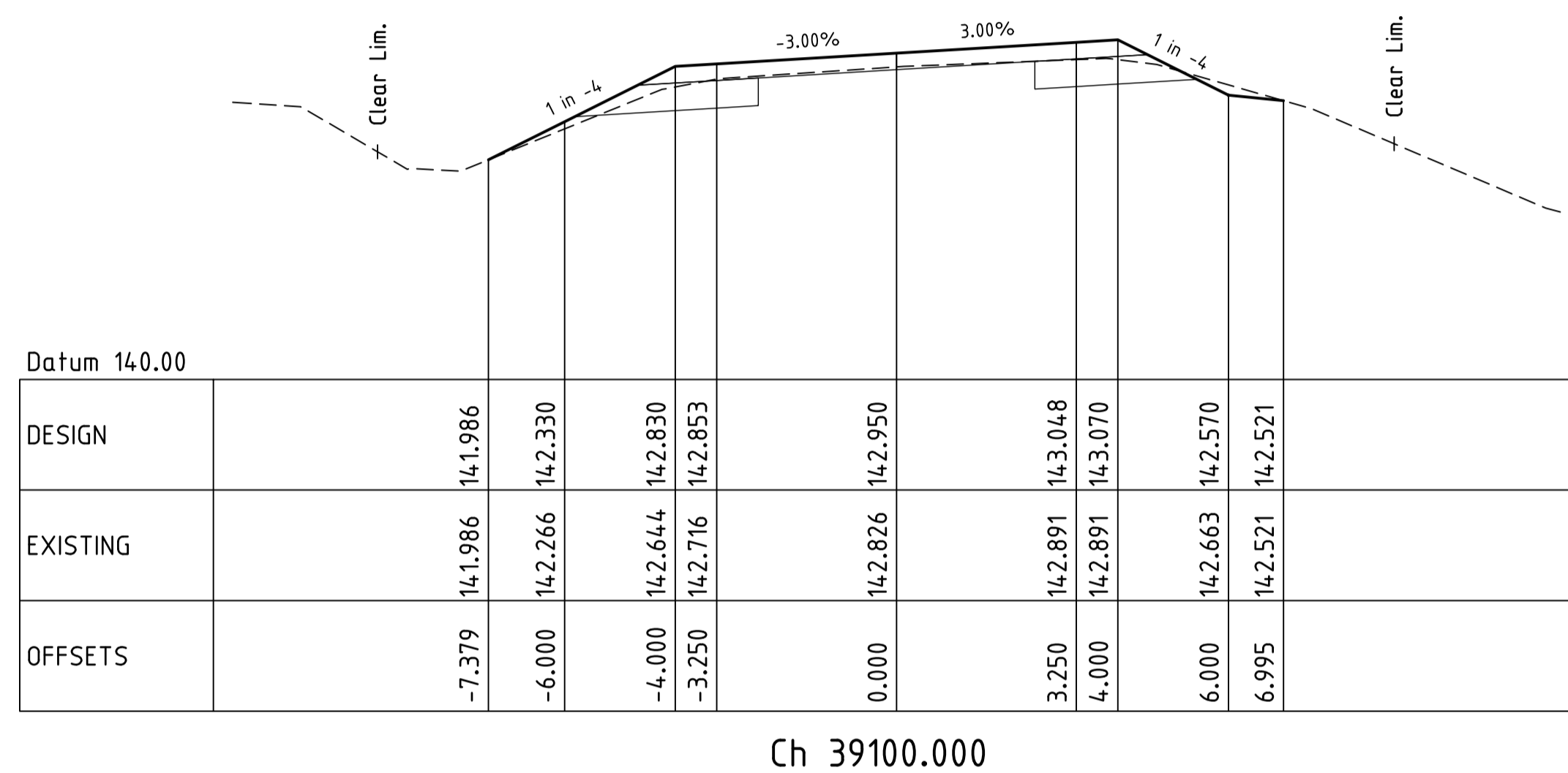
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TITLE ROADWORKS CROSS SECTIONS - SHEET 11 OF 11

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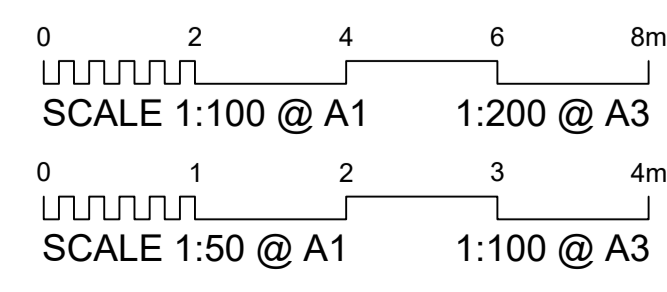
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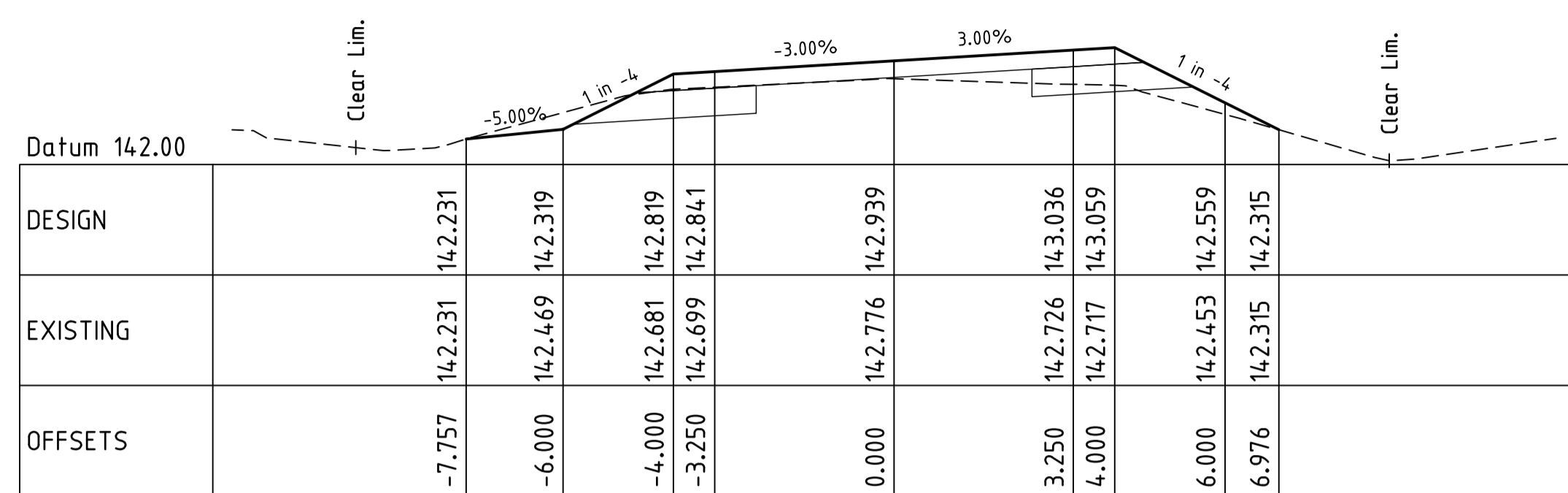
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RPEQ CERTIFICATION		
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INTERNAL PROJECT NO.	R012-23-24	
DATUM	SURVEY	

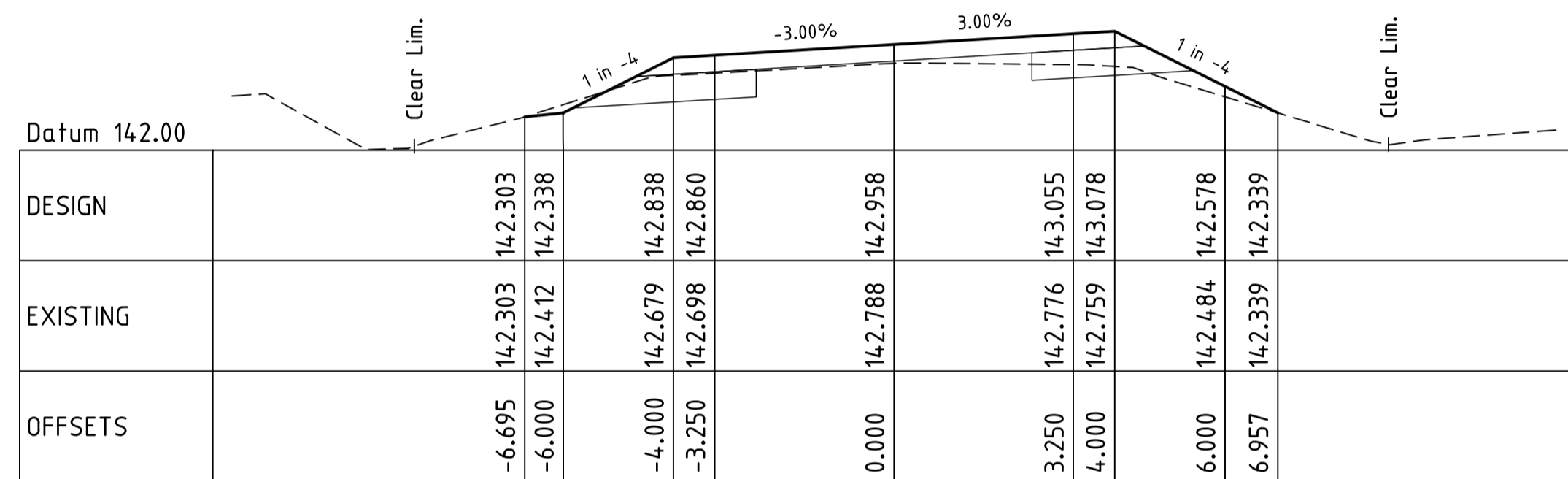
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DRAWING NUMBER		REVISION
R012-23-24-XS-12		A

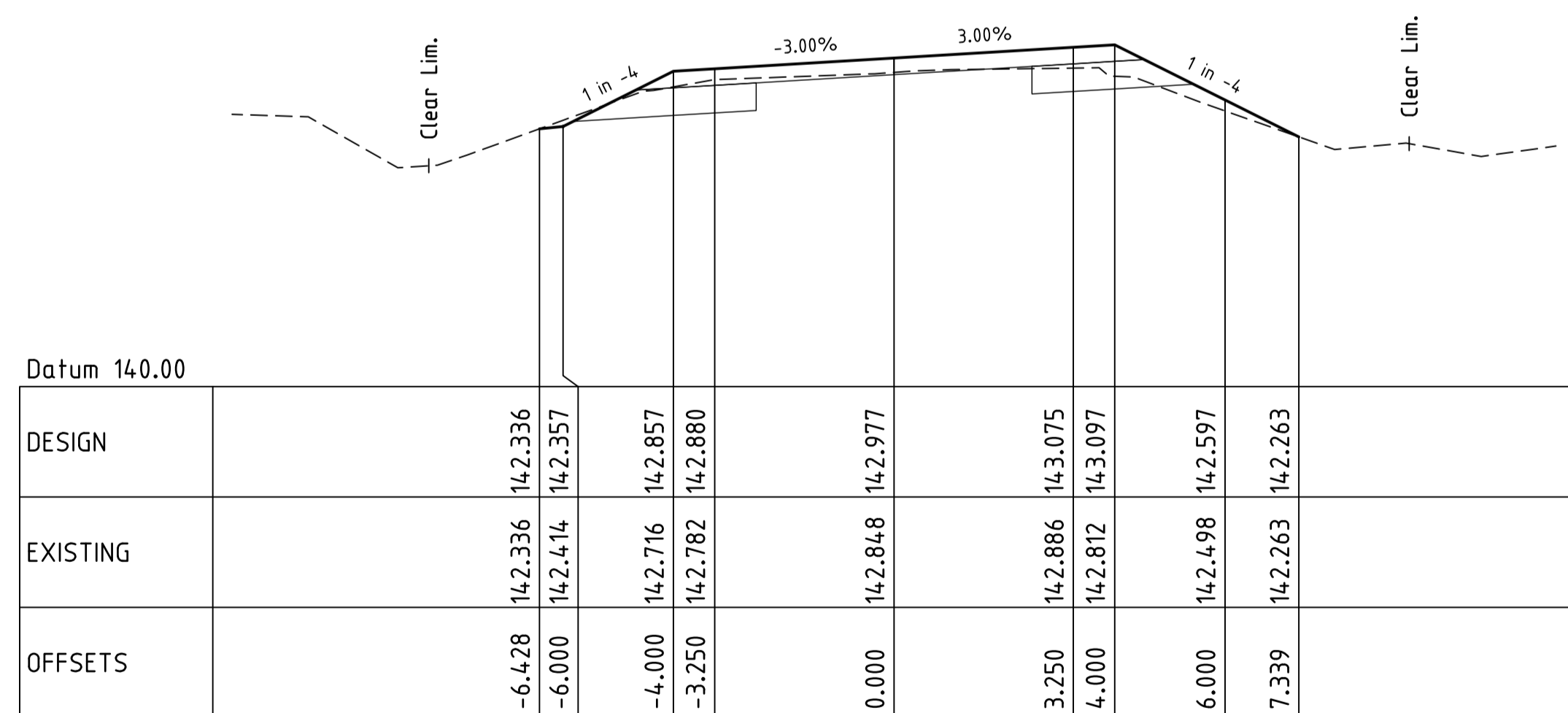
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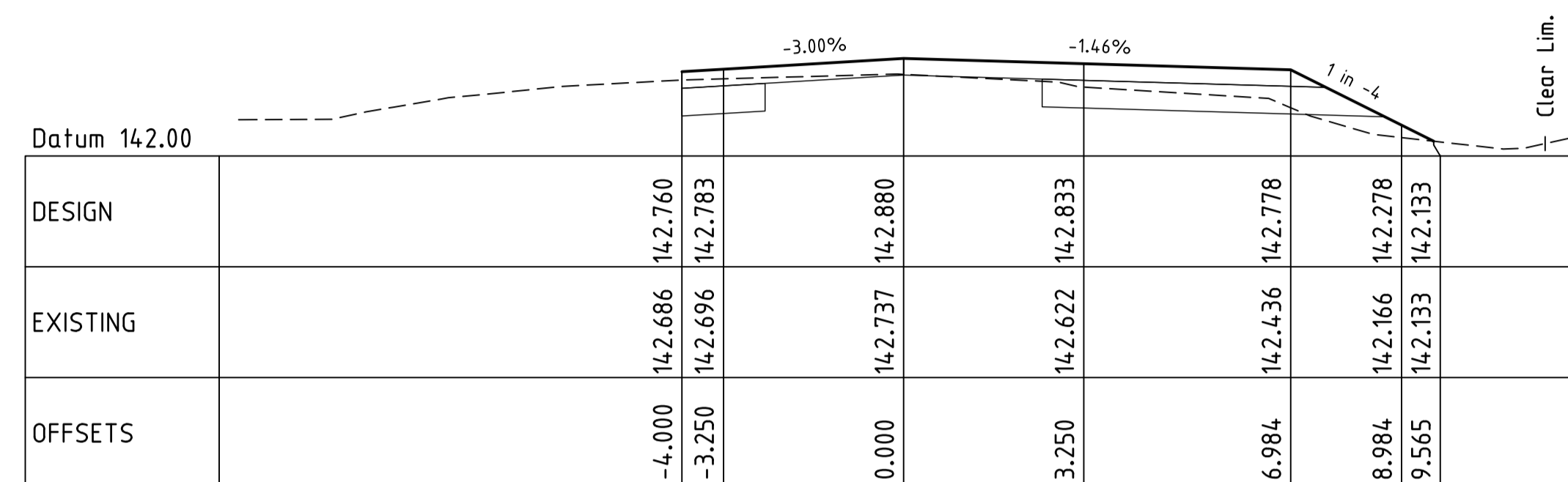
Ch 39220.000



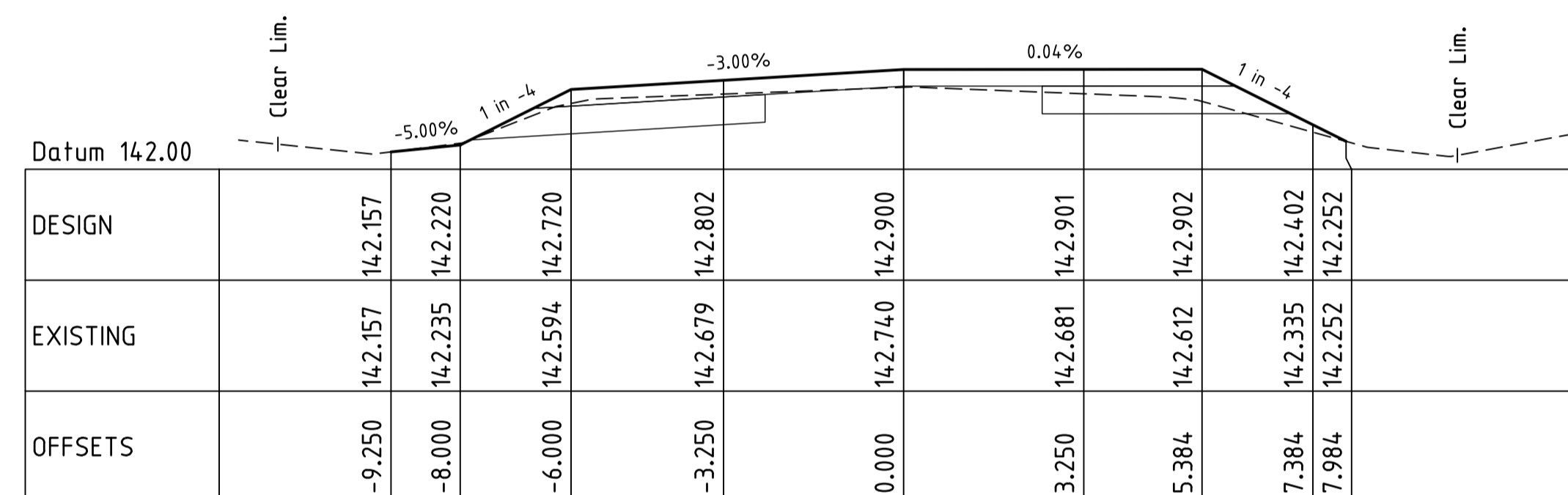
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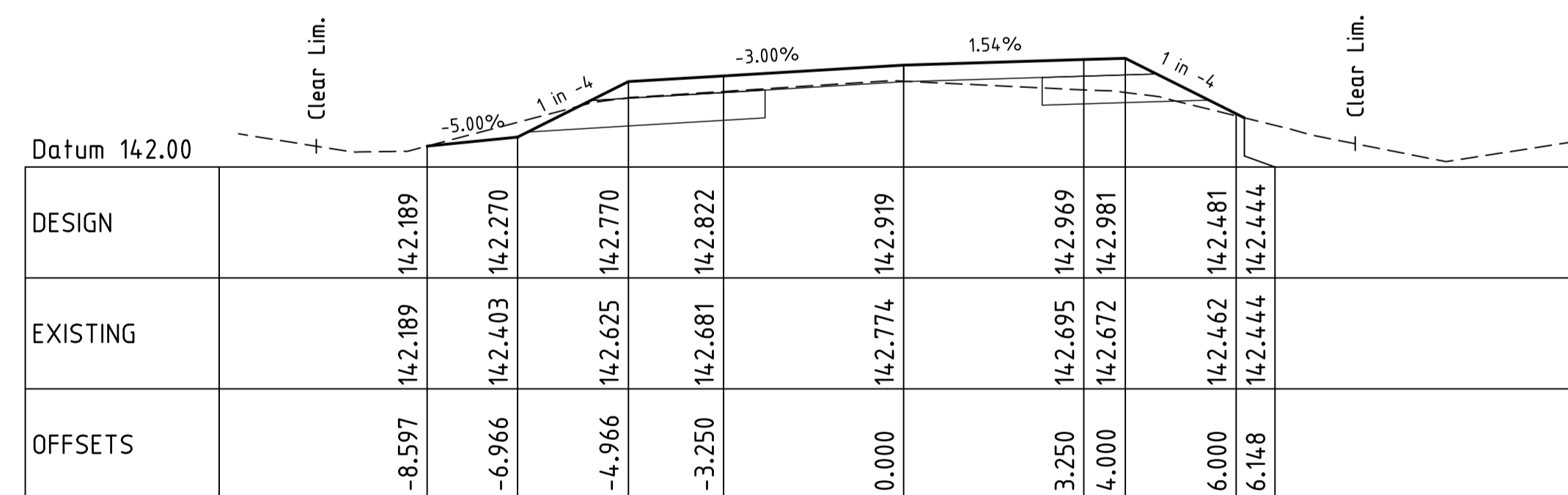
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Ch 39280.000



Ch 39260.000

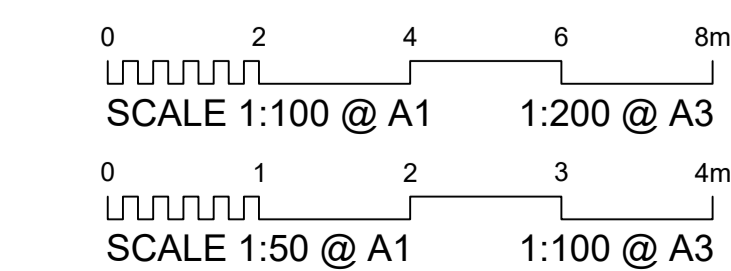


Ch 39240.000

PROJECT STAMP

ISSUED FOR INFORMATION

DRAWING SCALE



ISSUE REVISION

ISSUE	REV	DATE	DES	DESCRIPTION
INFO	A			ISSUED FOR INFORMATION

PROJECT MANAGEMENT

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RPEQ CERTIFICATION		
DESIGNER	CHECKED	APPROVED
INTERNAL PROJECT NO.	R012-23-24	
DATUM	SURVEY	



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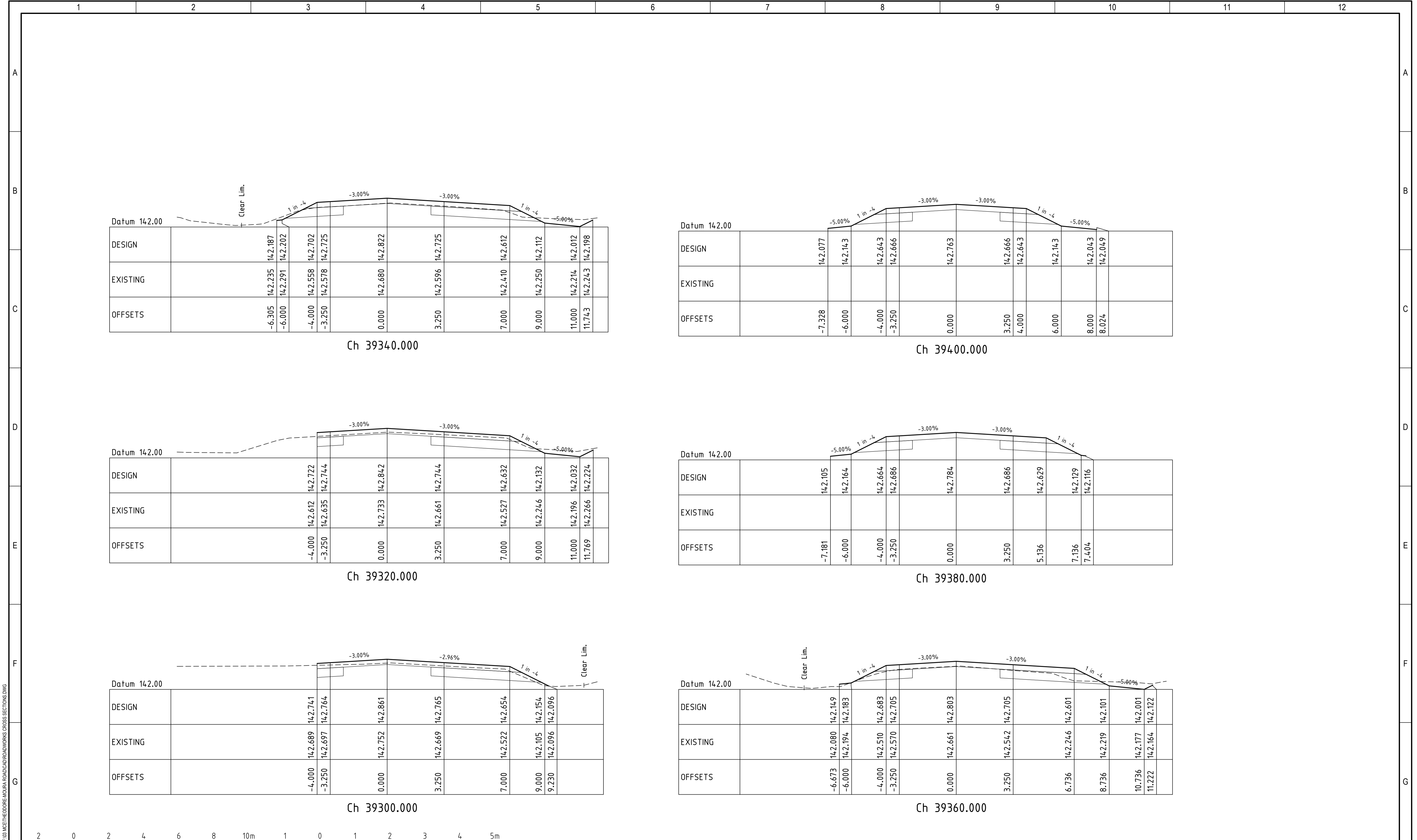
PROJECT IDENTIFIER

CLIENT BANANA SHIRE COUNCIL
PROJECT THEODORE-MOURA ROAD
TITLE ROADWORKS CROSS SECTIONS - SHEET 13 OF 13

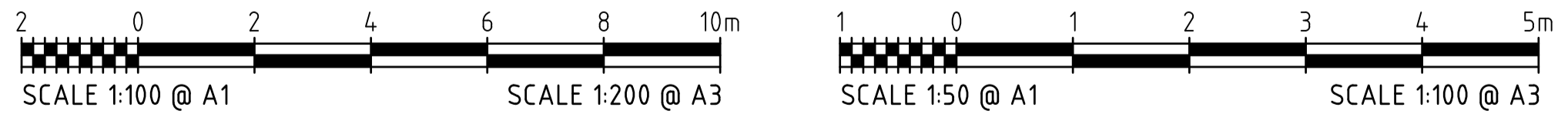
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REVISION A

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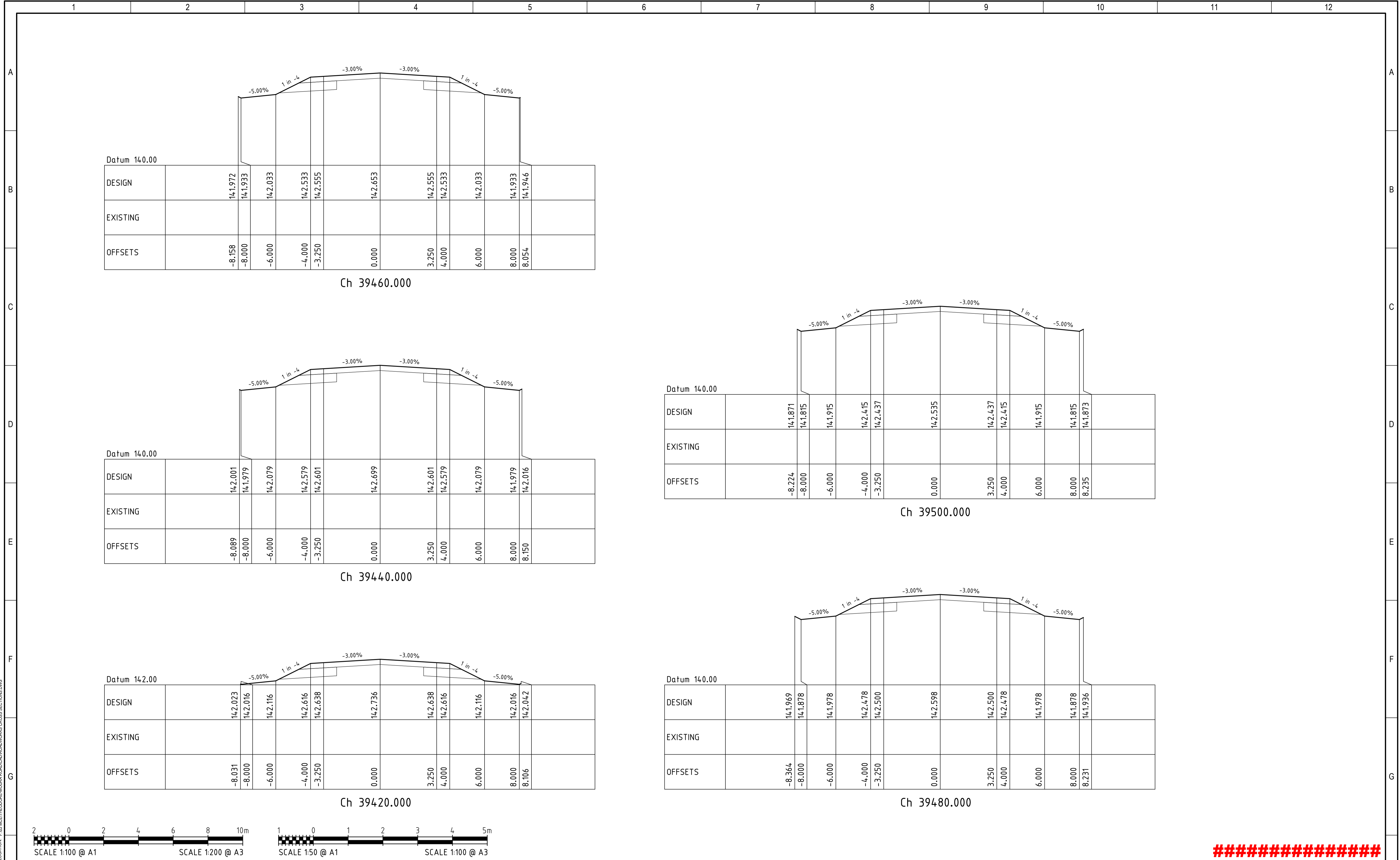


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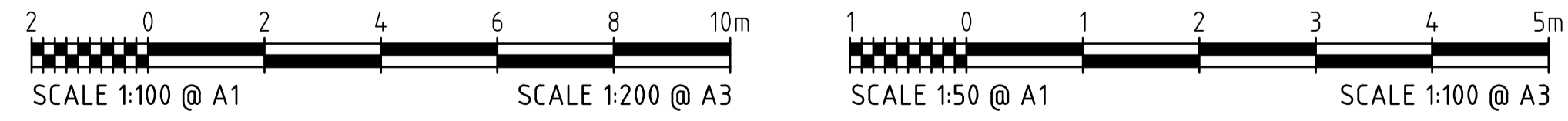


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PREPARED BY													CLIENT ***** PROJECT ***** TITLE MOURA-THEODORE ROAD 20 ROAD WORKS ROADWORKS CROSS SECTIONS - SHEET 14 OF 21 DRAWING NUMBER A1 *****-XS-14												
													Address: 63 Charles Street NORTH ROCKHAMPTON QLD 4701 PO BOX 2149, WANDAL QLD 4700 E-mail: mail@mcmurtrie.com		Phone: (07) 4921 1780 Mobile: 0407 631 066 Fax: (07) 4921 1790		CLIENT ***** PROJECT ***** TITLE ***** DRAWING NUMBER *****-XS-14								

PLOT DATE: 2/12/2023 8:32:16 AM



DRAWING LOCATION: F:\03\MCMURTRIE\MOURA-ROADWORKS\CROSS SECTIONS.DWG
PLOT DATE: 21/12/2023 8:32:19 AM



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ADDRESS: ### ### ###			### ### ###			REVIEWED ###			RPEQ ENG ###			RPEQ No: ####			Address: 63 Charles Street NORTH ROCKHAMPTON QLD 4701 PO BOX 2149, WANDAL QLD 4700 mail@mcmurtrie.com			Phone: (07) 4921 1780 Mobile: 0407 631 066 Fax: (07) 4921 1790			DRAWING NUMBER #####-XS-15			REVISION #								
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HEIGHT DATUM ### (PSM6524 - RL 196.700)			REVISION DESCRIPTION			DRAFT			DESIGN																							

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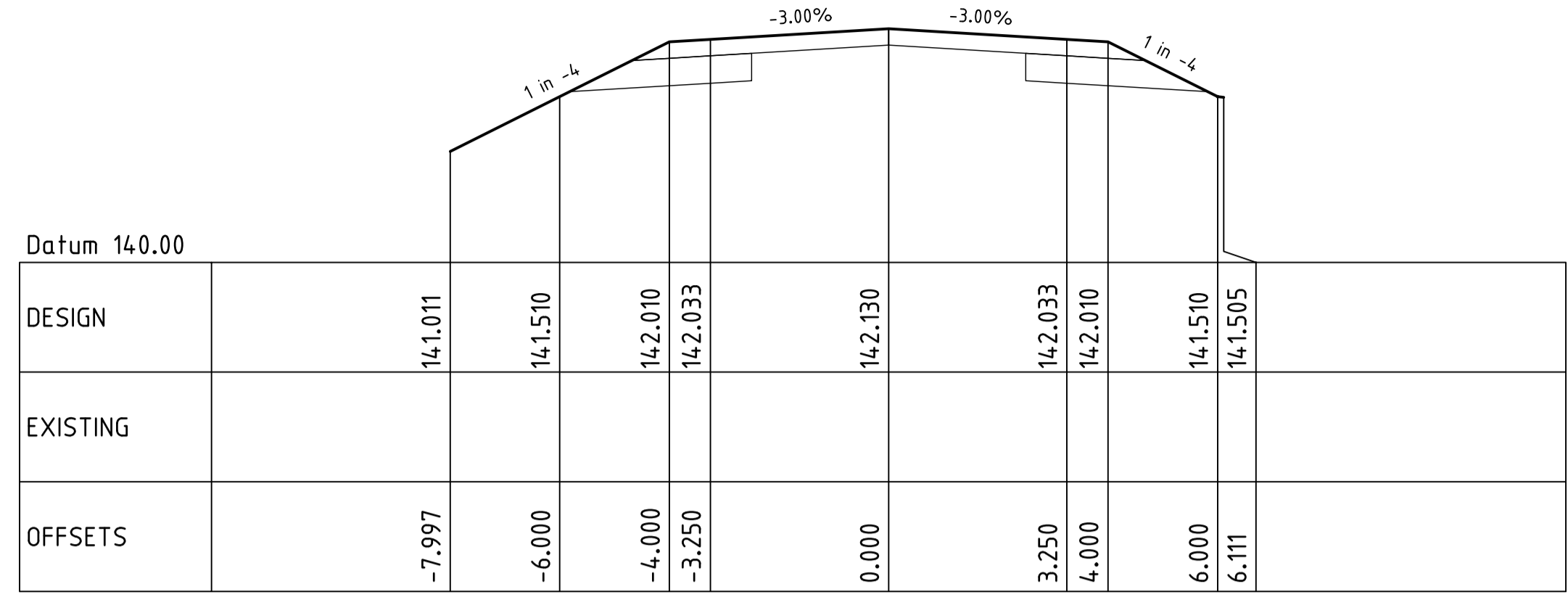
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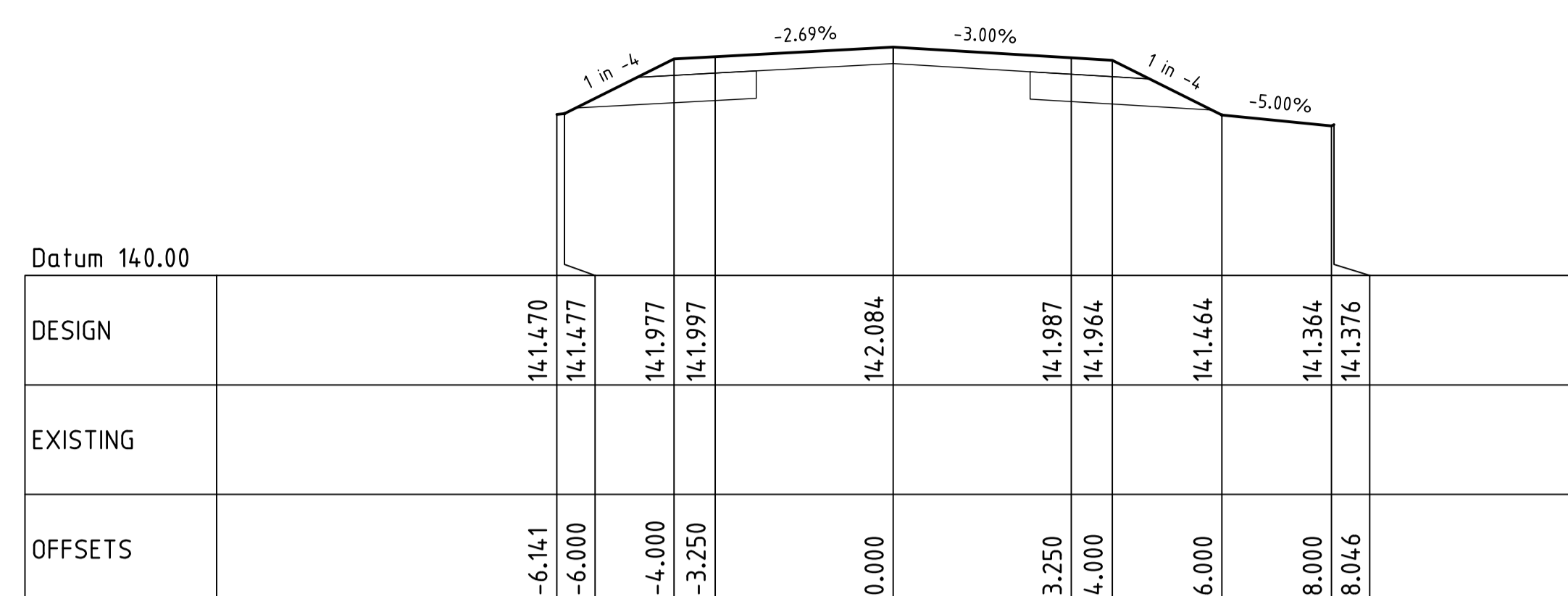
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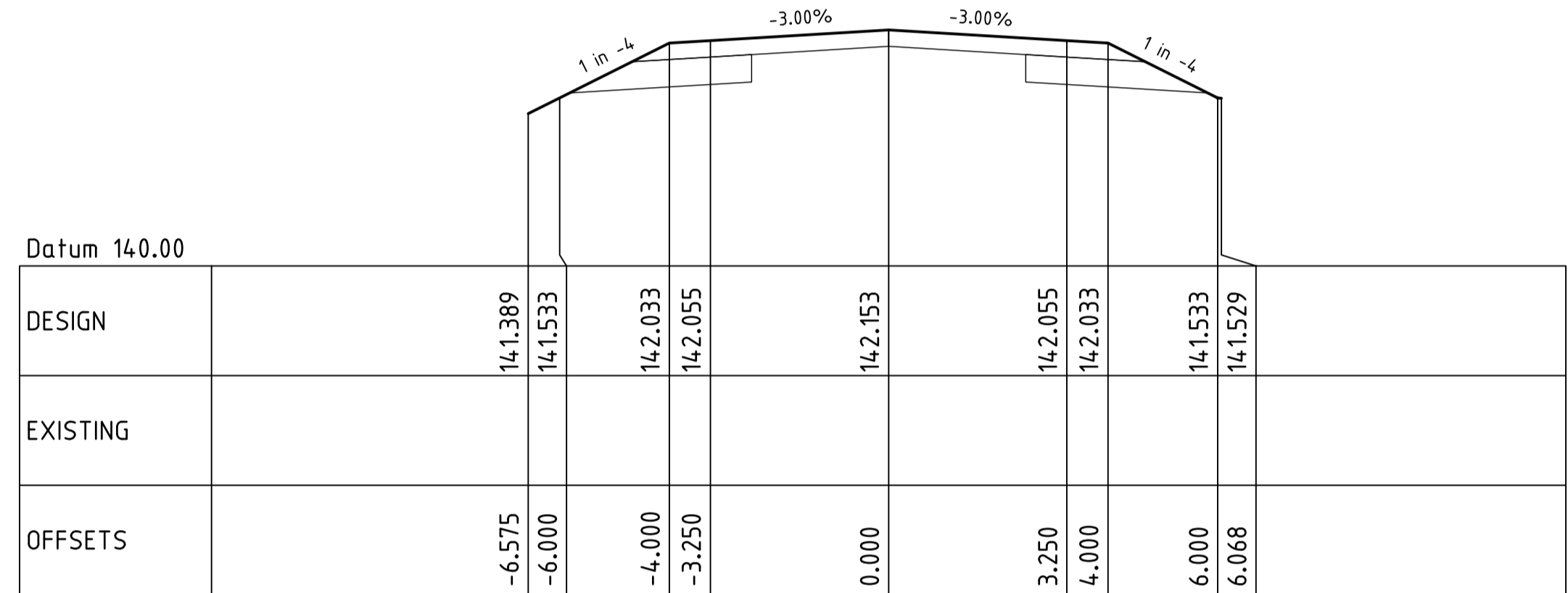
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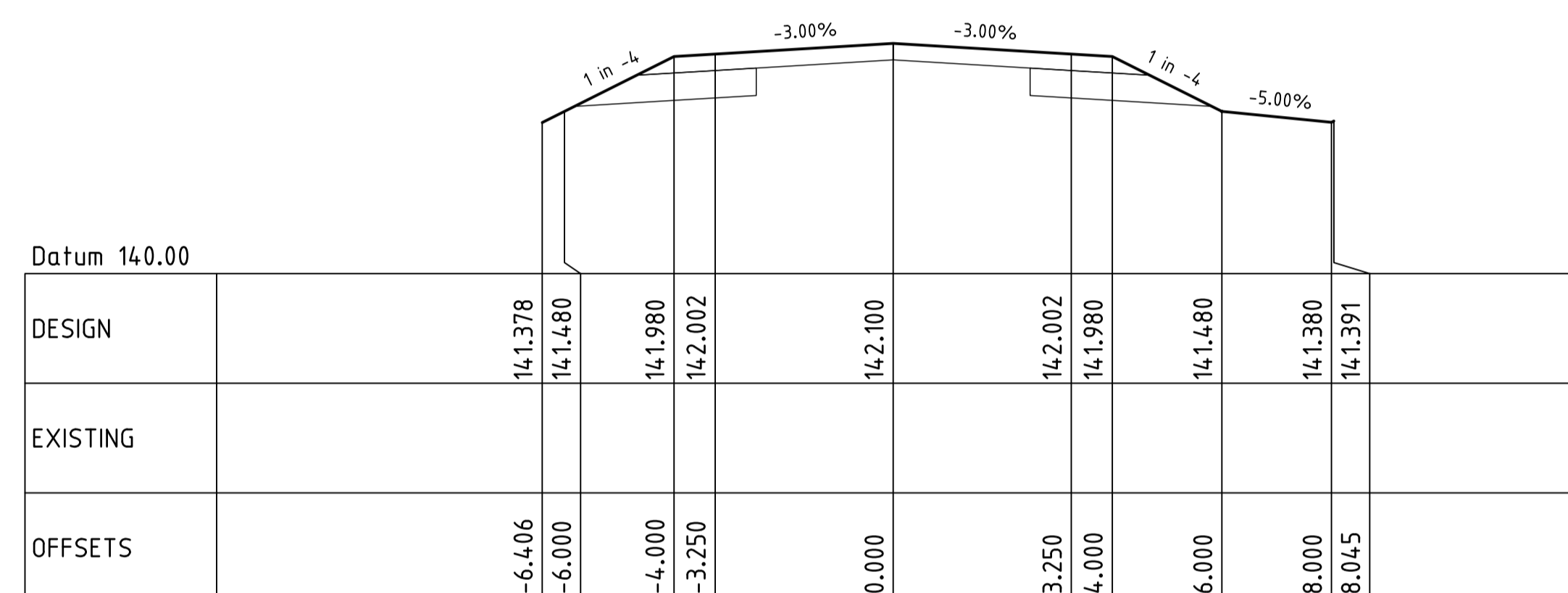
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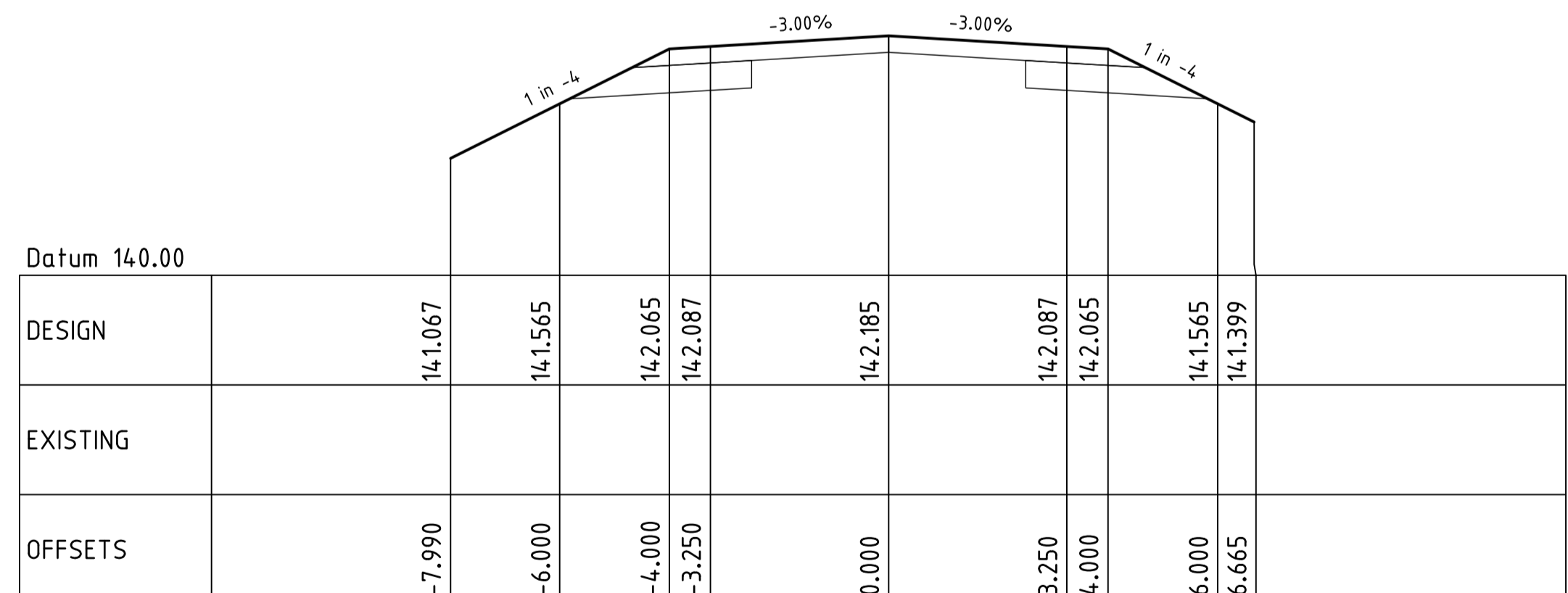
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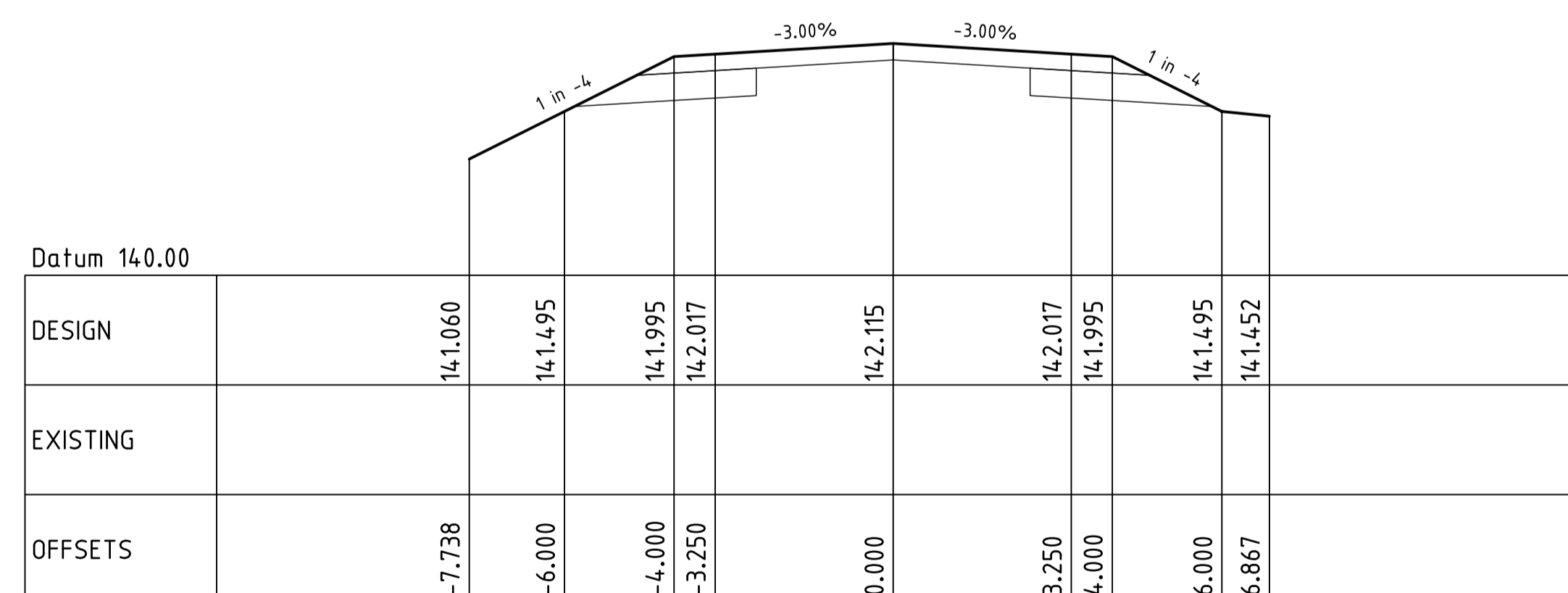
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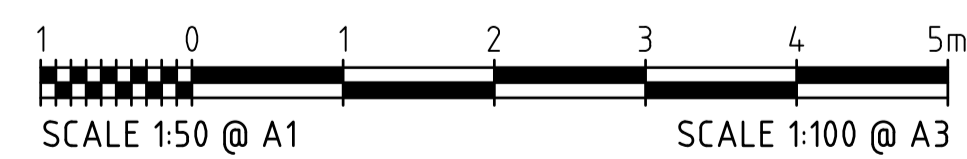
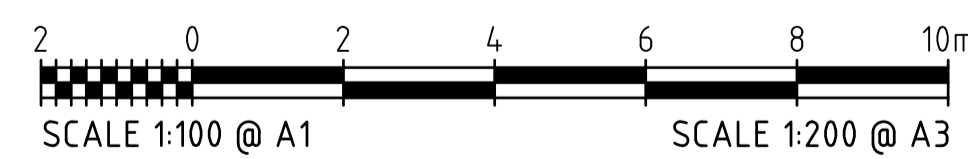
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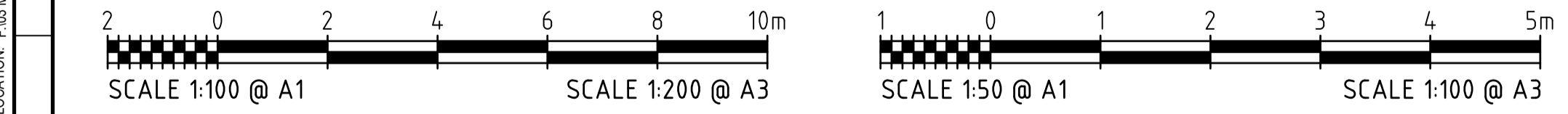
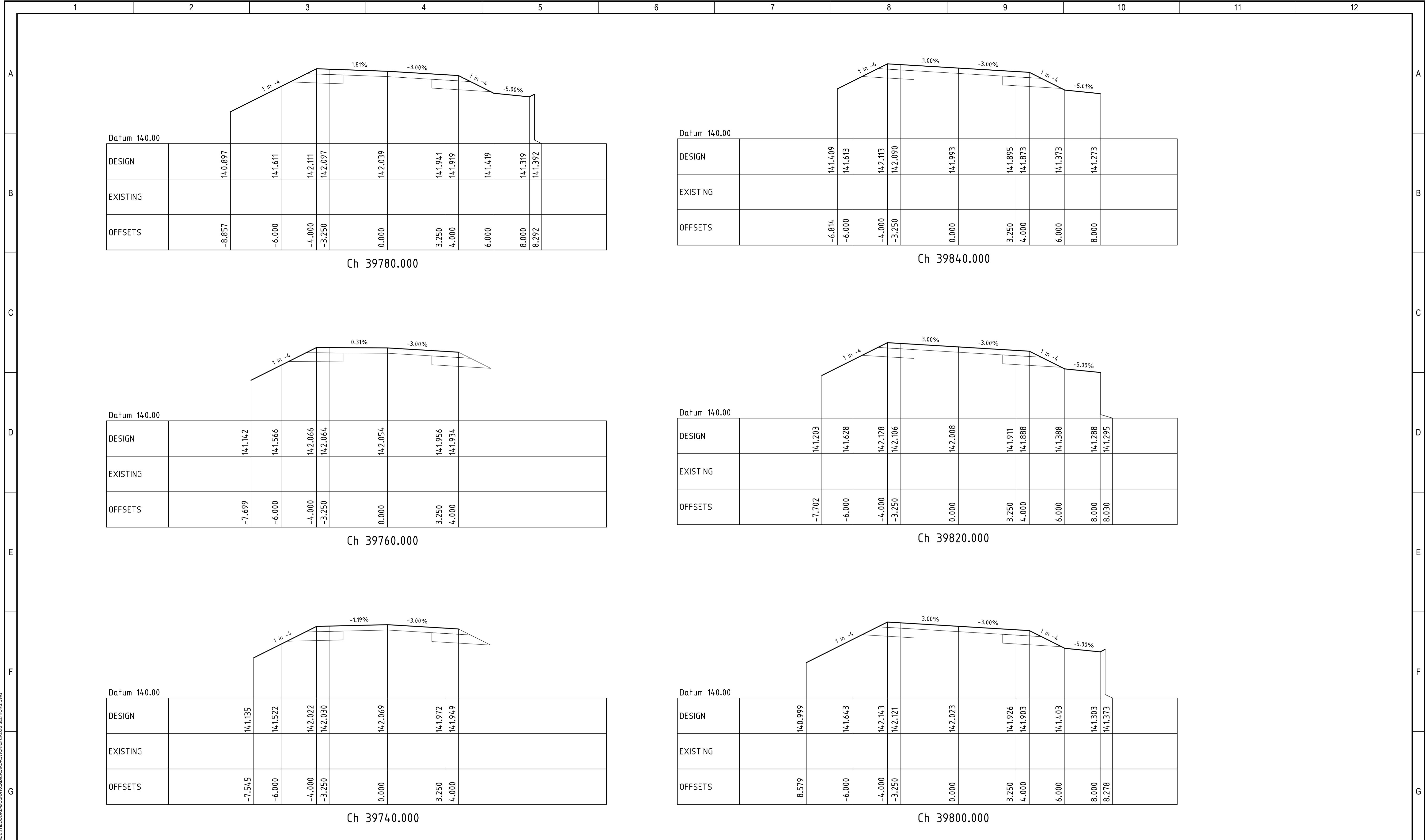
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Ch 39680.000



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CO-ORDINATE DATUM		###	###	###	RPEQ ENG		###	###	###		Address: 63 Charles Street NORTH ROCKHAMPTON QLD 4701 Phone: (07) 4921 1780 Mobile: 0407 631 066 Fax: (07) 4921 1790 Post: PO BOX 2149, WANDAL QLD 4700 E-mail: mail@mcmengineers.com		DRAWING NUMBER		A1	#####-XS-17	REVISION	#
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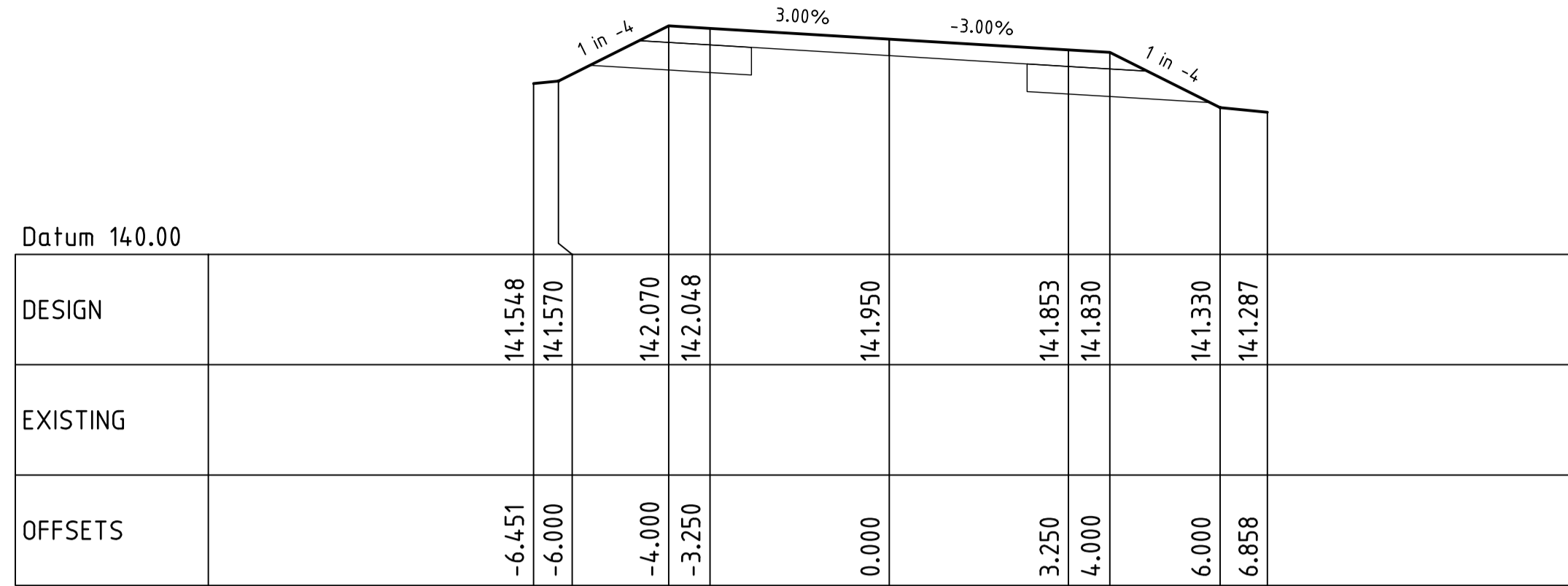


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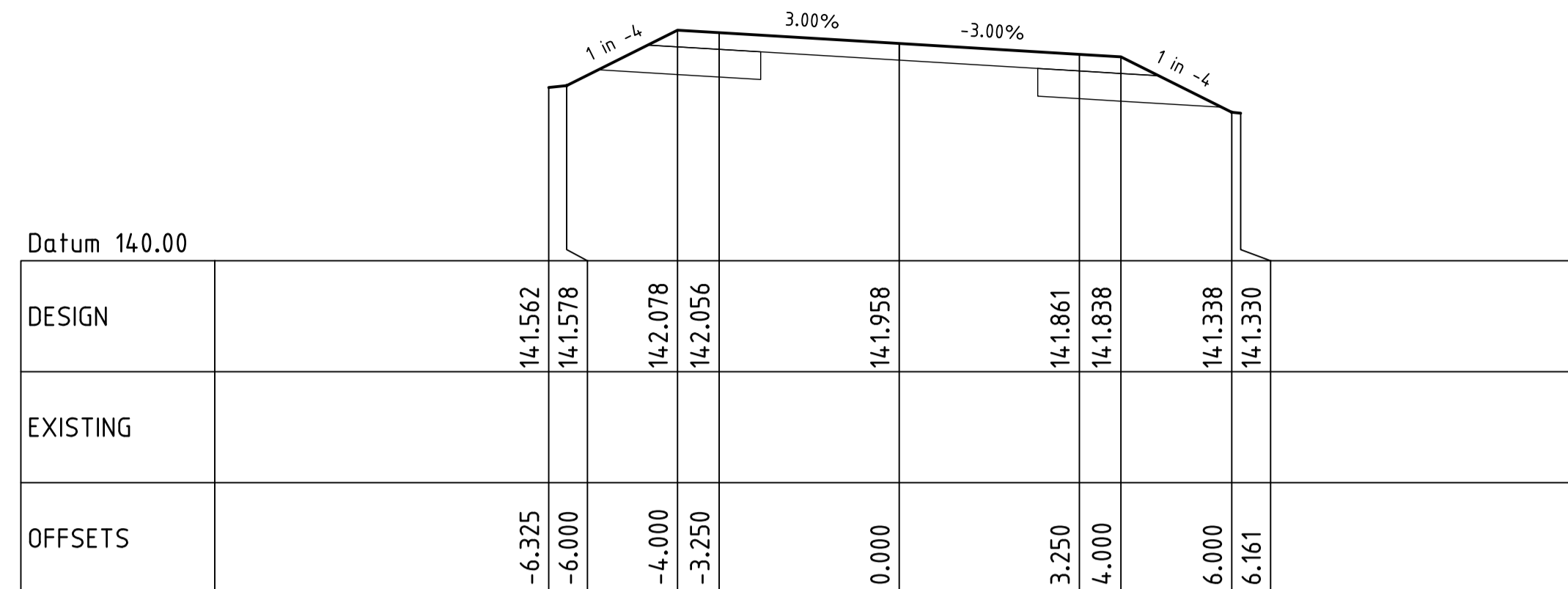
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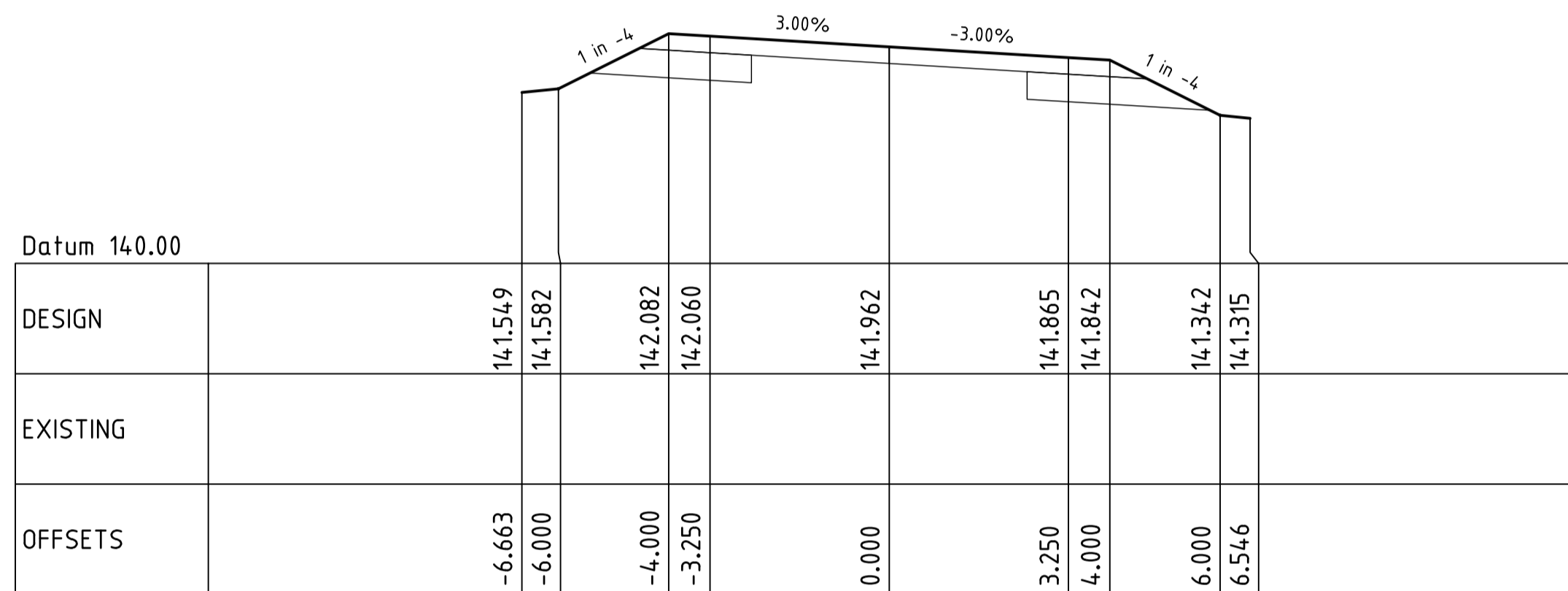
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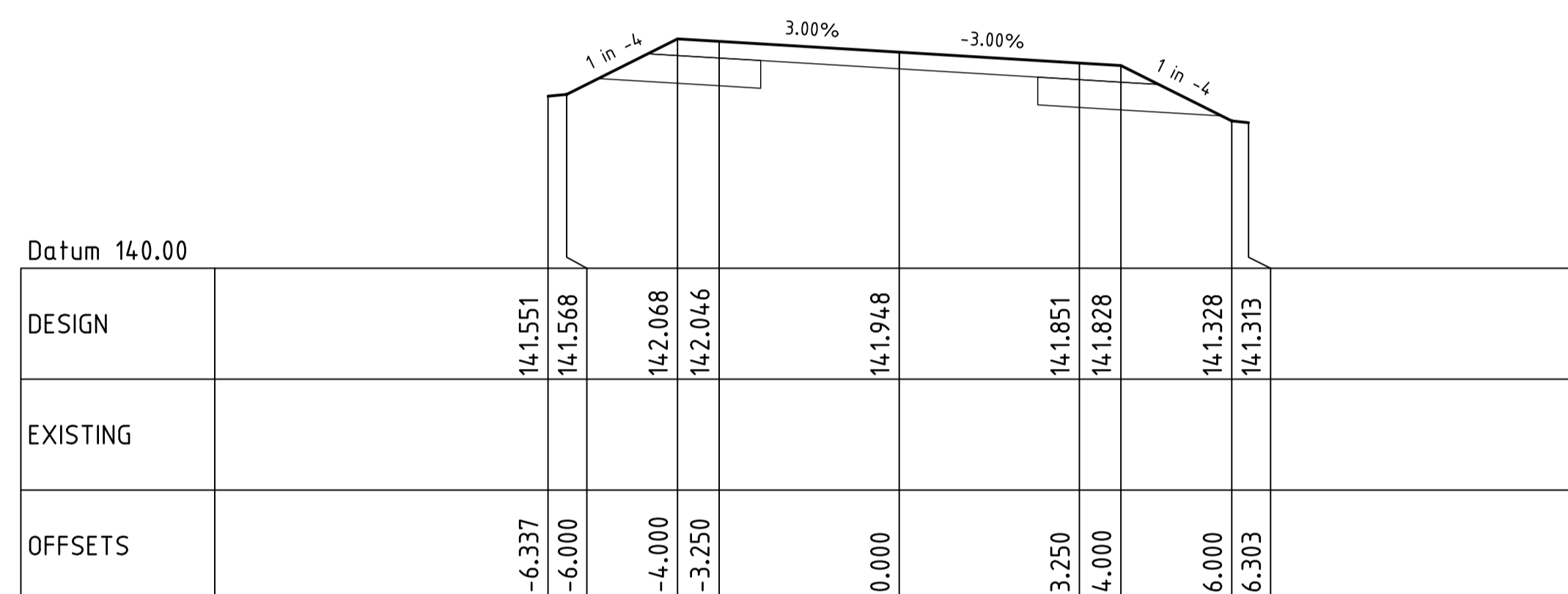
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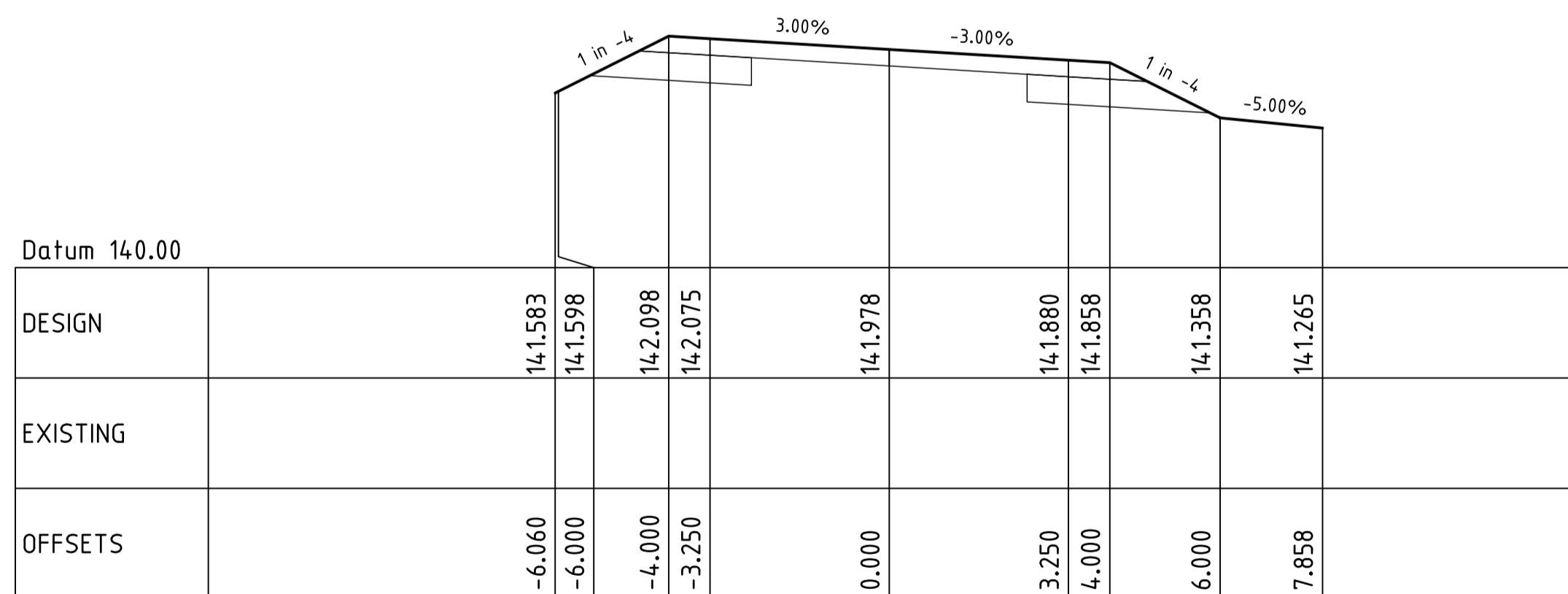
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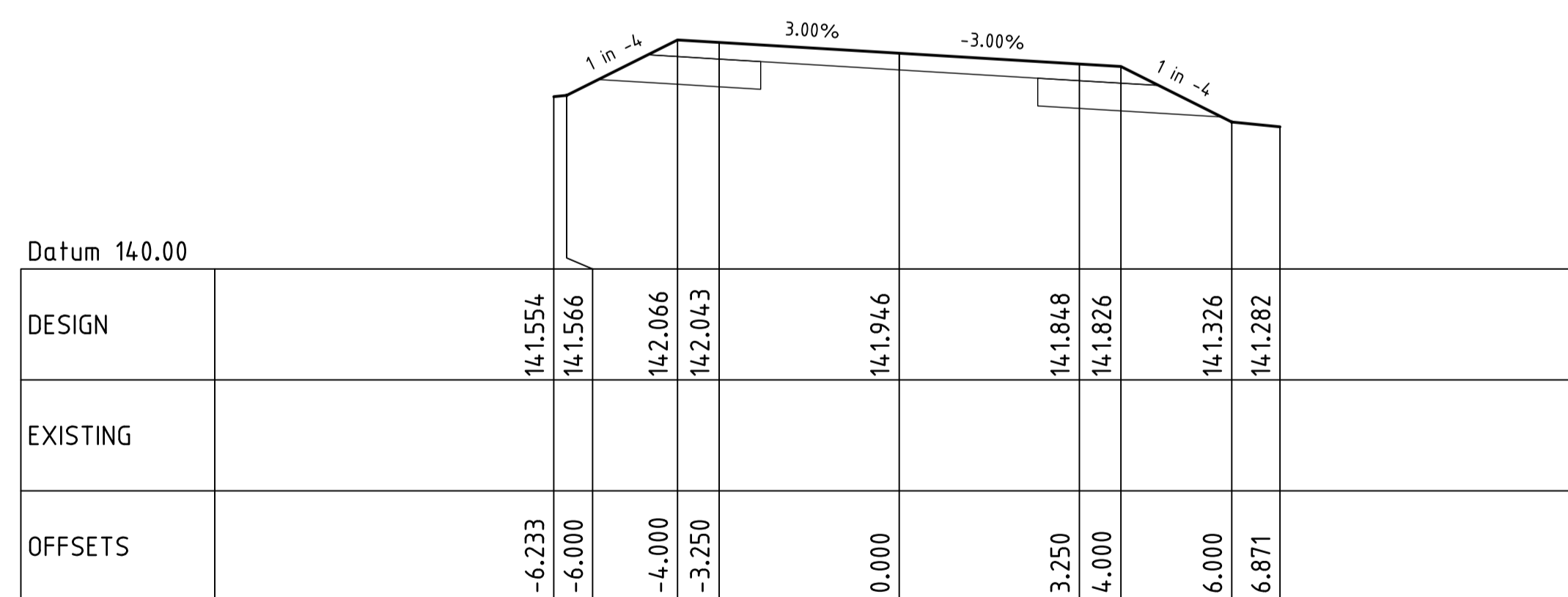
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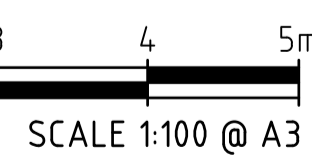
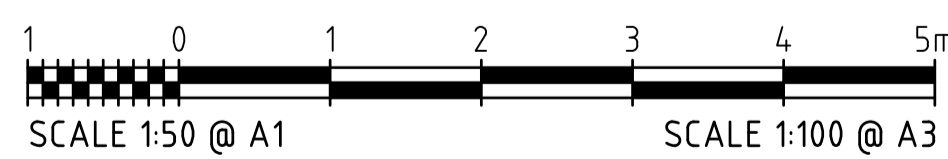
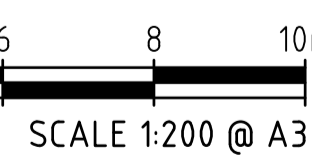
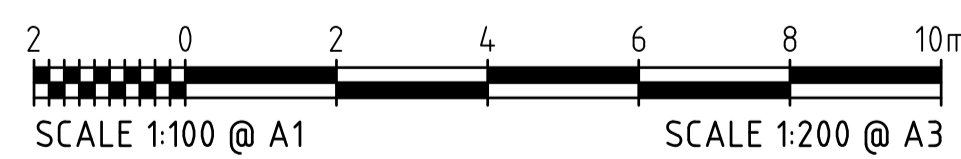
Ch 39940.000



Ch 39860.000



Ch 39920.000



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BY	###	DATE	###
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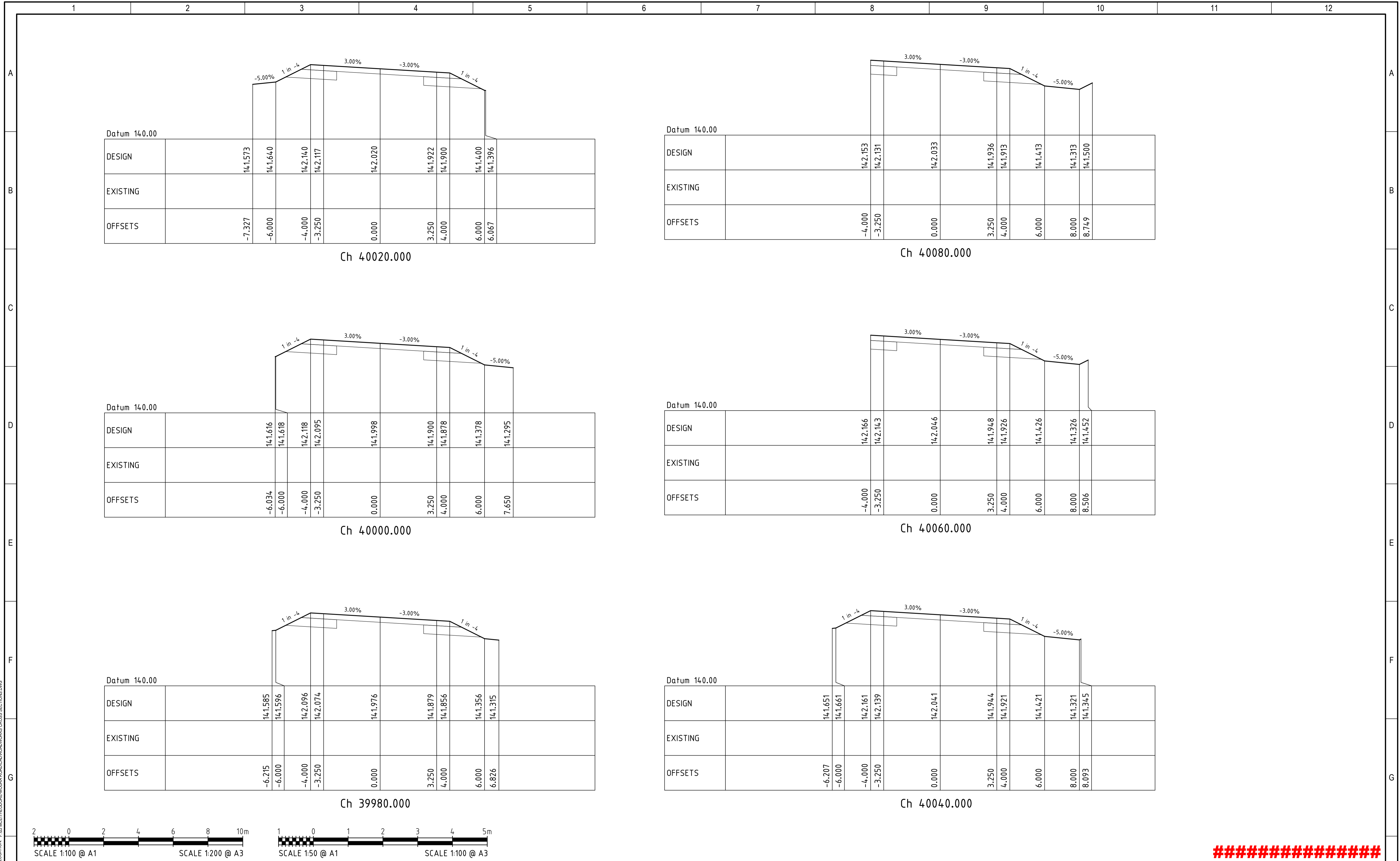
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mail@mcmurtrie.com

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DRAWING NUMBER	A1	#####-XS-19
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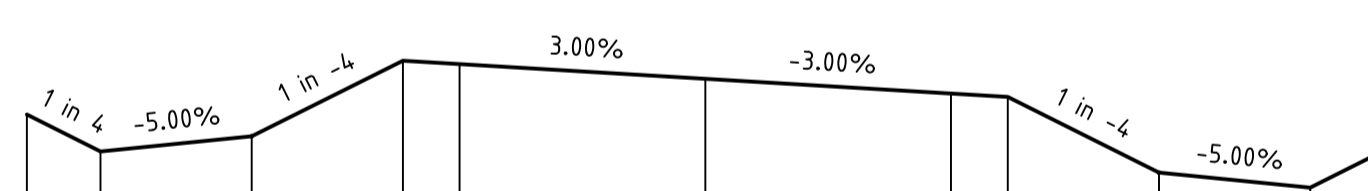


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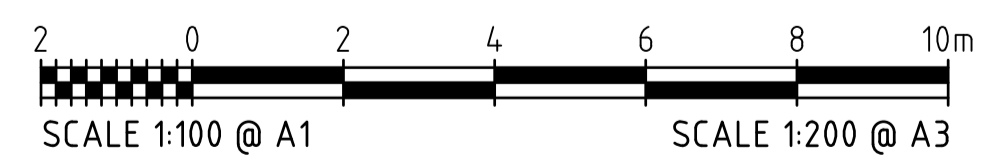
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HEIGHT DATUM		###	###	###	###	###	###	RPEQ No:	####	SCALE: AS SHOWN	© MCMurtrie & Associates Pty Ltd	#####	#####	#####	
REV	DATE	REVISION DESCRIPTION					DRAFT	DESIGN				Phone: (07) 4921 1780 Mobile: 0407 631 066 Fax: (07) 4921 1790	A1	#####-XS-20	REVISION #

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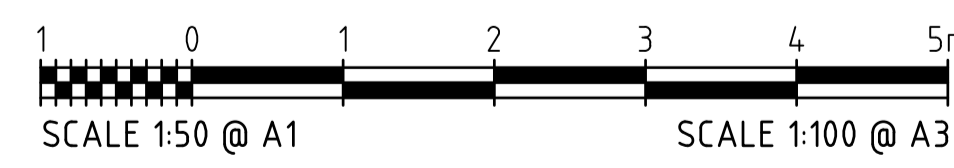


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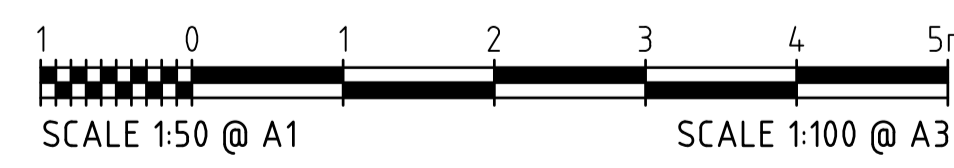
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SCALE 1:100 @ A1



SCALE 1:200 @ A3



SCALE 1:50 @ A1

SCALE 1:100 @ A3

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REVIEWED	###	###	###	###	###
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RPEQ No:	###	###	###	###	###

CLIENT	###
PREPARED BY	###
DATE	###
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E-mail: mail@mcmengineers.com

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CLIENT	#####	PROJECT	#####	TITLE	MOURA-THEODORE ROAD	20 ROAD WORKS	ROADWORKS CROSS SECTIONS - SHEET 21 OF 21	DRAWING NUMBER	A1 #####-XS-21	REVISION	#
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