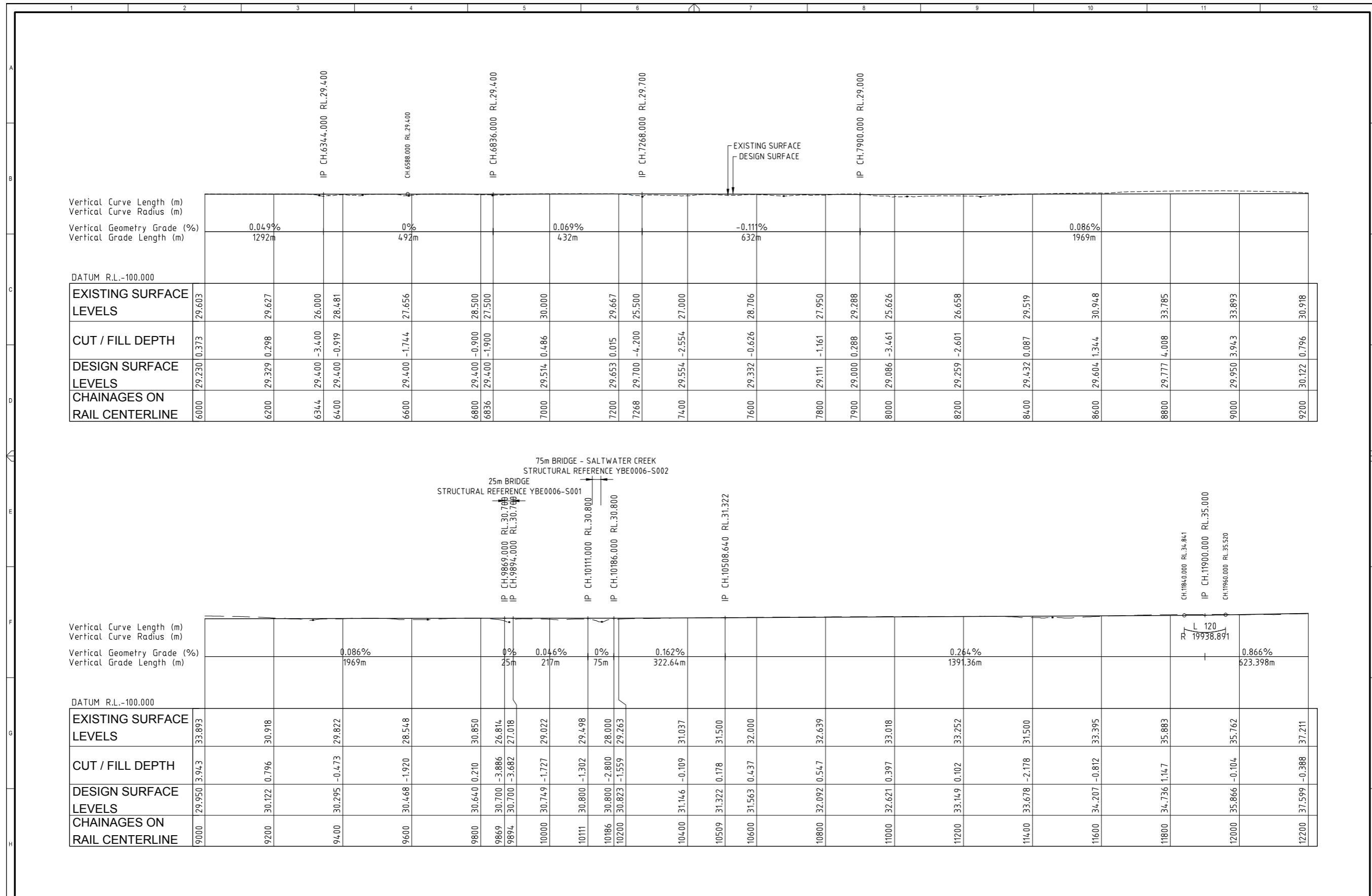


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	SCALE - AT ORIGINAL SHEET SIZE A1 HORIZ 1:5000 VERT 1:2500	STAGE / PHASE FOR INFORMATION ONLY NOT FOR CONSTRUCTION	APPROVED	DRG No YBE0006-C1-401			



REV	H.W.	H.W.	DESIGN	DATE	DESCRIPTION
A				05.07.12	ORIGINAL ISSUE

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DRAWING IS NOT TO BE SCALED

SCALE - AT ORIGINAL SHEET SIZE A1

HORIZ 1:5000
VERT 1:2500



PROJECT
GALILEE BASIN RAILWAY
CONCEPTUAL DESIGN

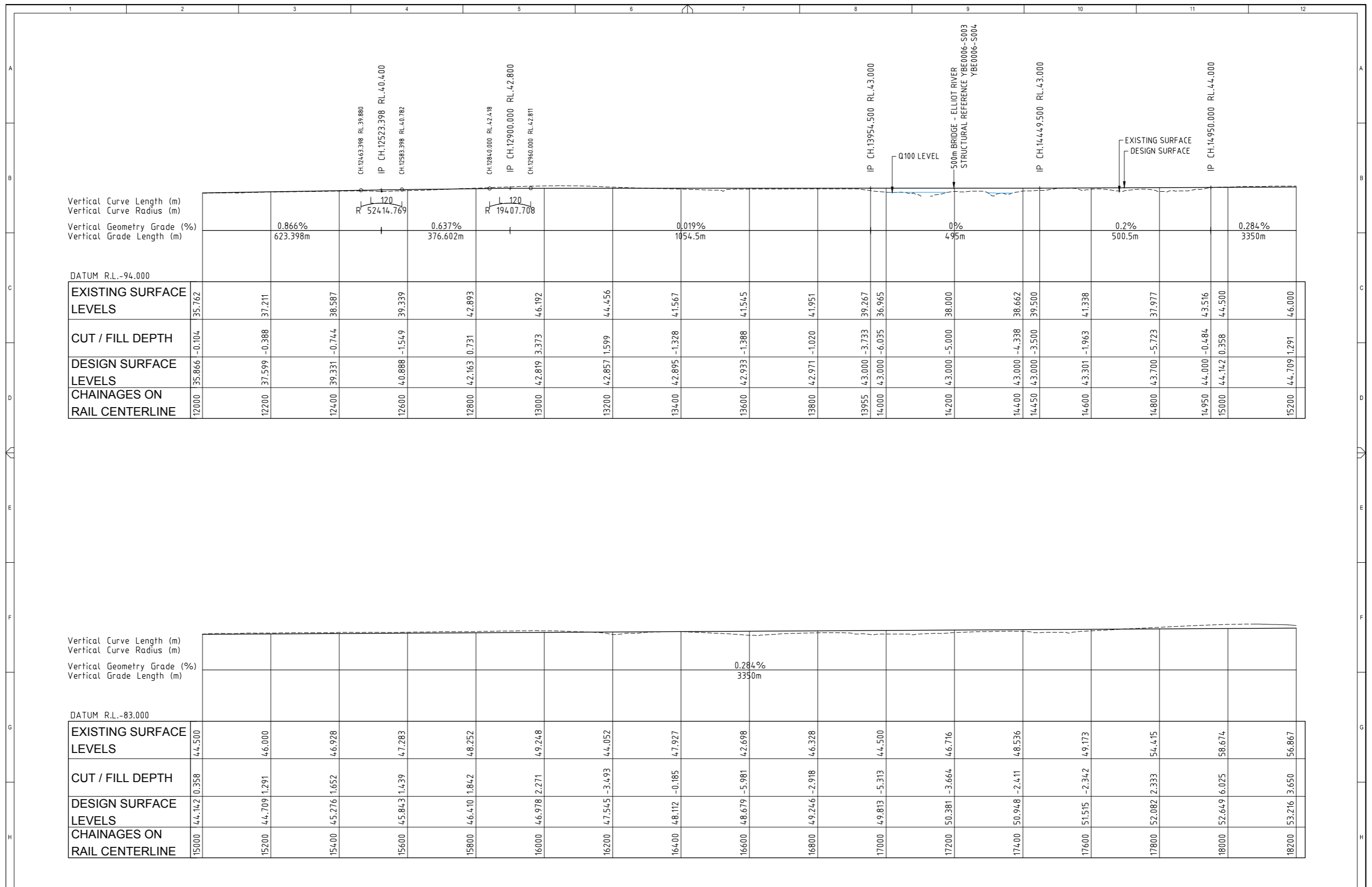
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FOR INFORMATION ONLY
NOT FOR CONSTRUCTION

DRAWING NAME
LONGITUDINAL SECTION
CH 0 - 60,000
SHEET 02 OF 10

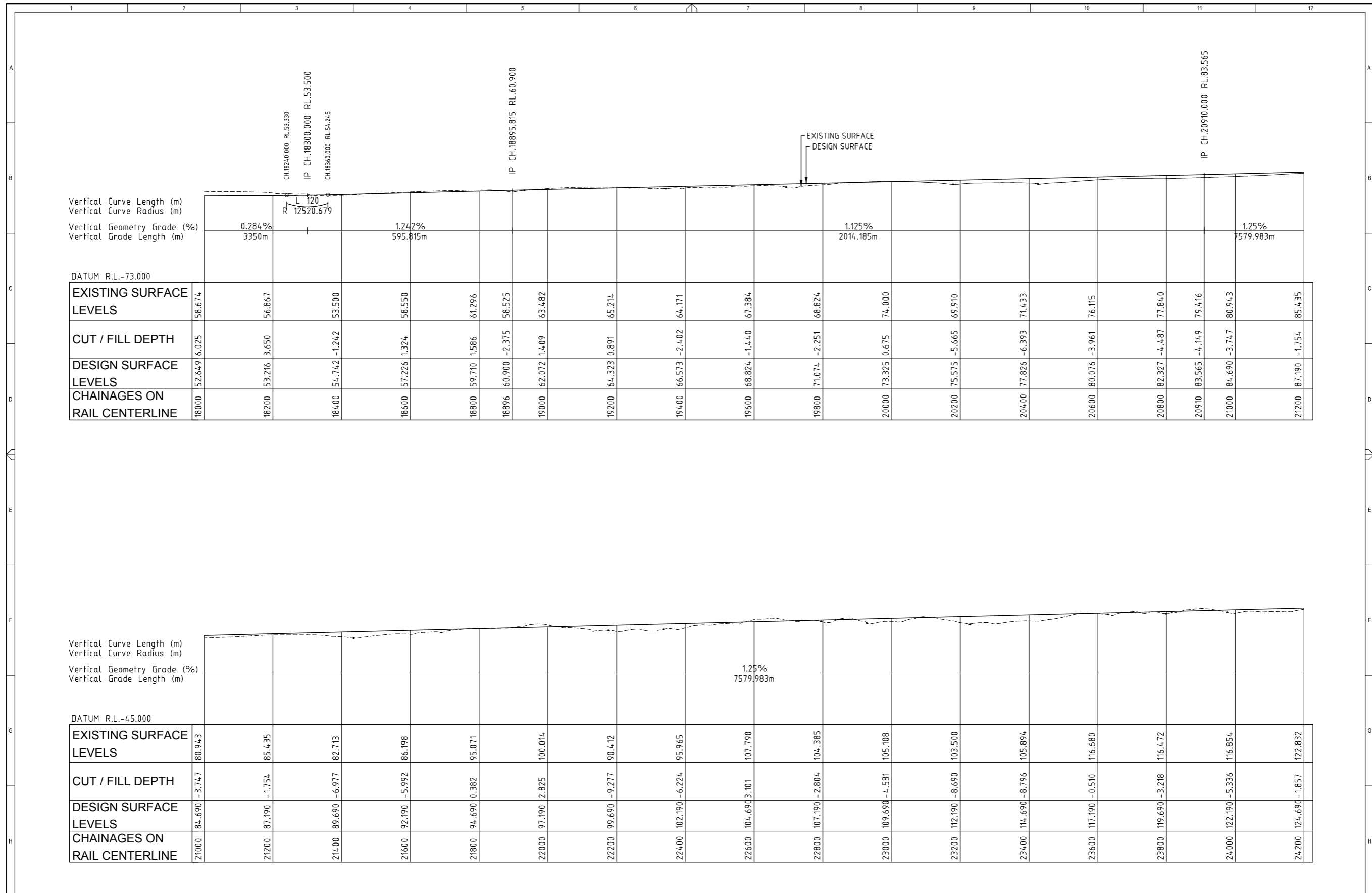
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DRG No.
YBE0006-C1-402

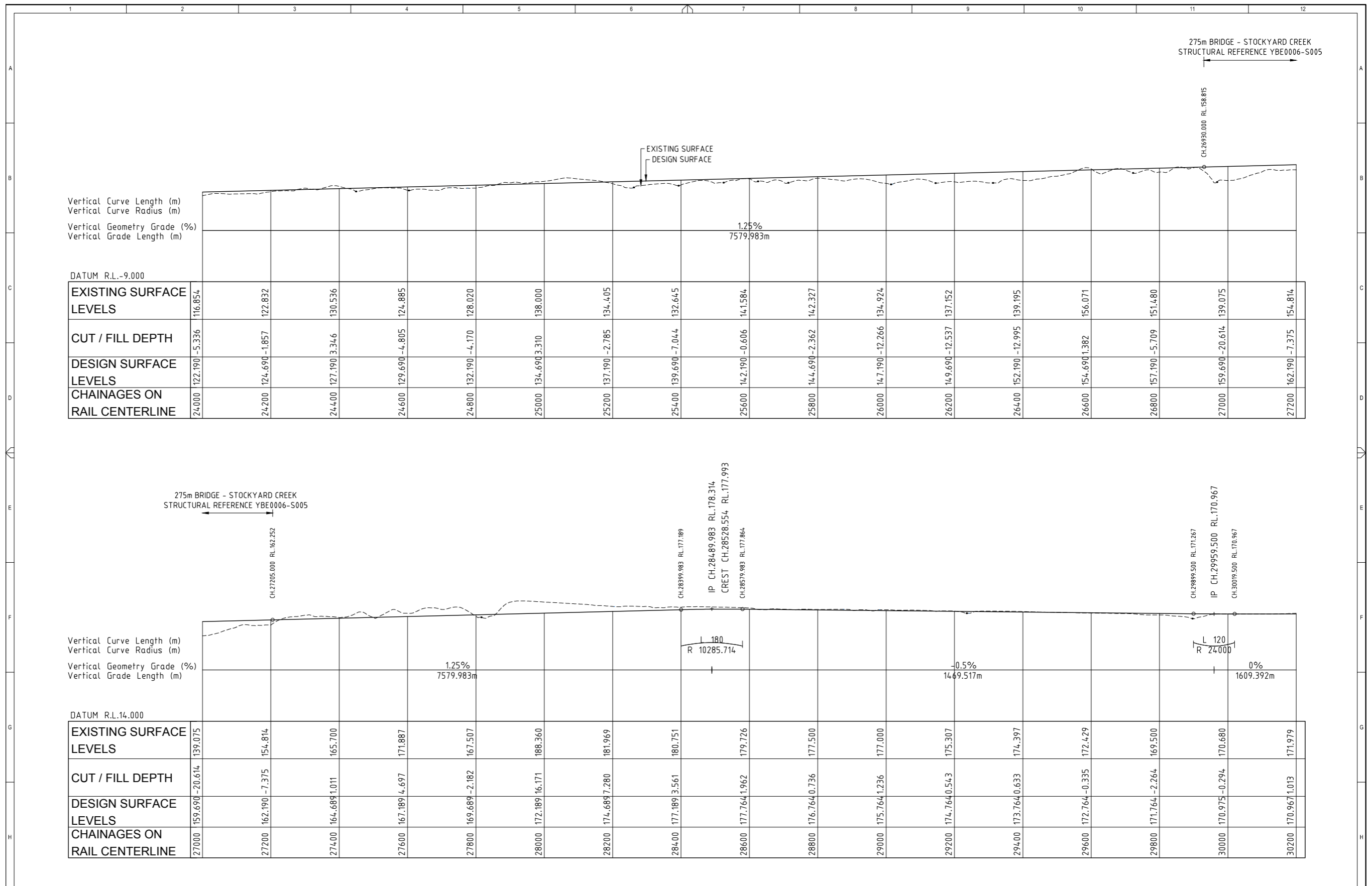
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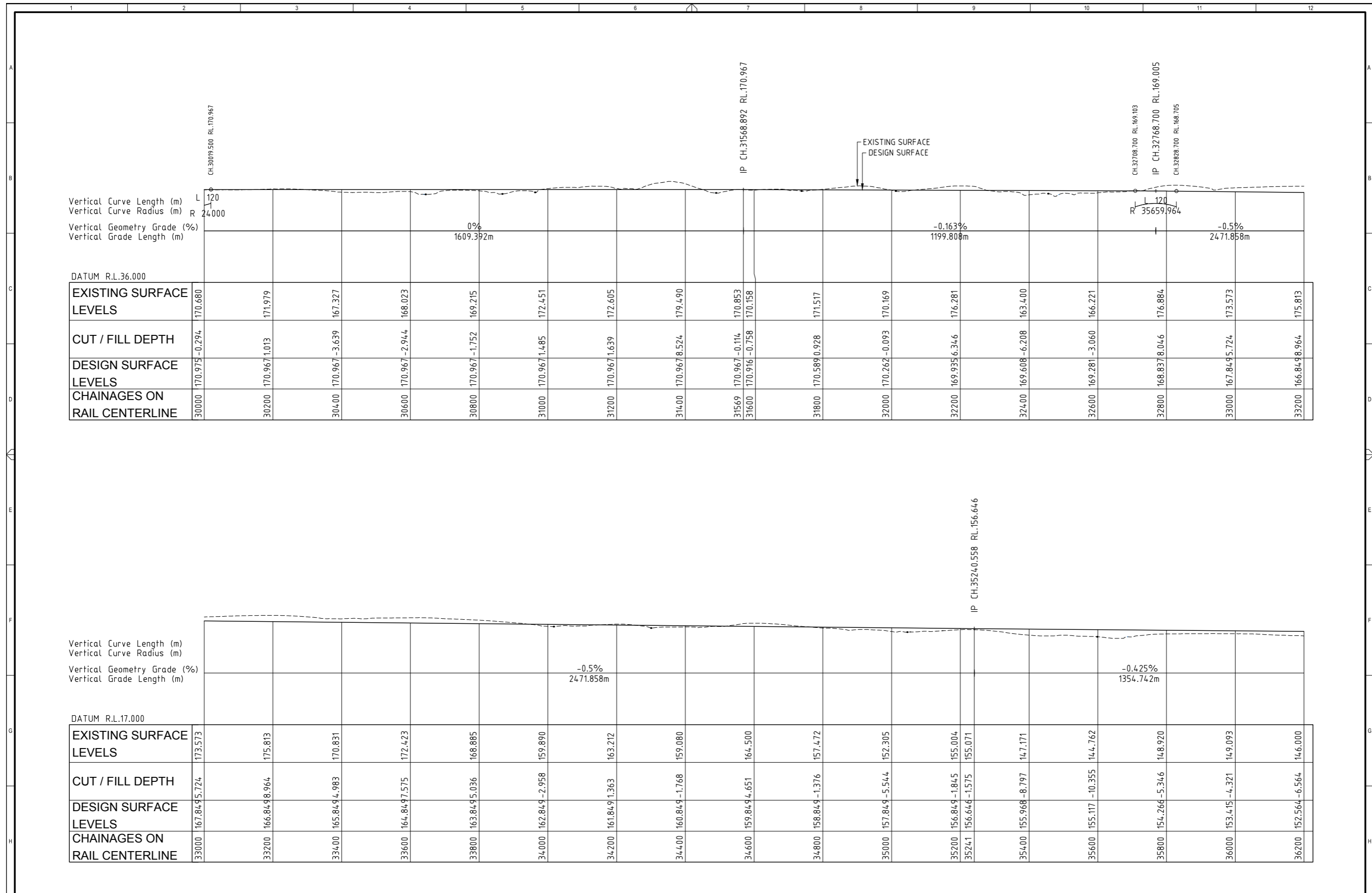
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	SCALE - AT ORIGINAL SHEET SIZE A1 HORIZ 1:5000 VERT 1:2500	SUITE 4, SHOP 15A 45 DAWSON HIGHWAY GLADSTONE QLD 4680 T 07 4976 9667 F 07 5570 4977 info@yeats.com.au www.yeats.com.au		STAGE / PHASE FOR INFORMATION ONLY NOT FOR CONSTRUCTION		APPROVED	DRG No. YBE0006-C1-403	REV A					



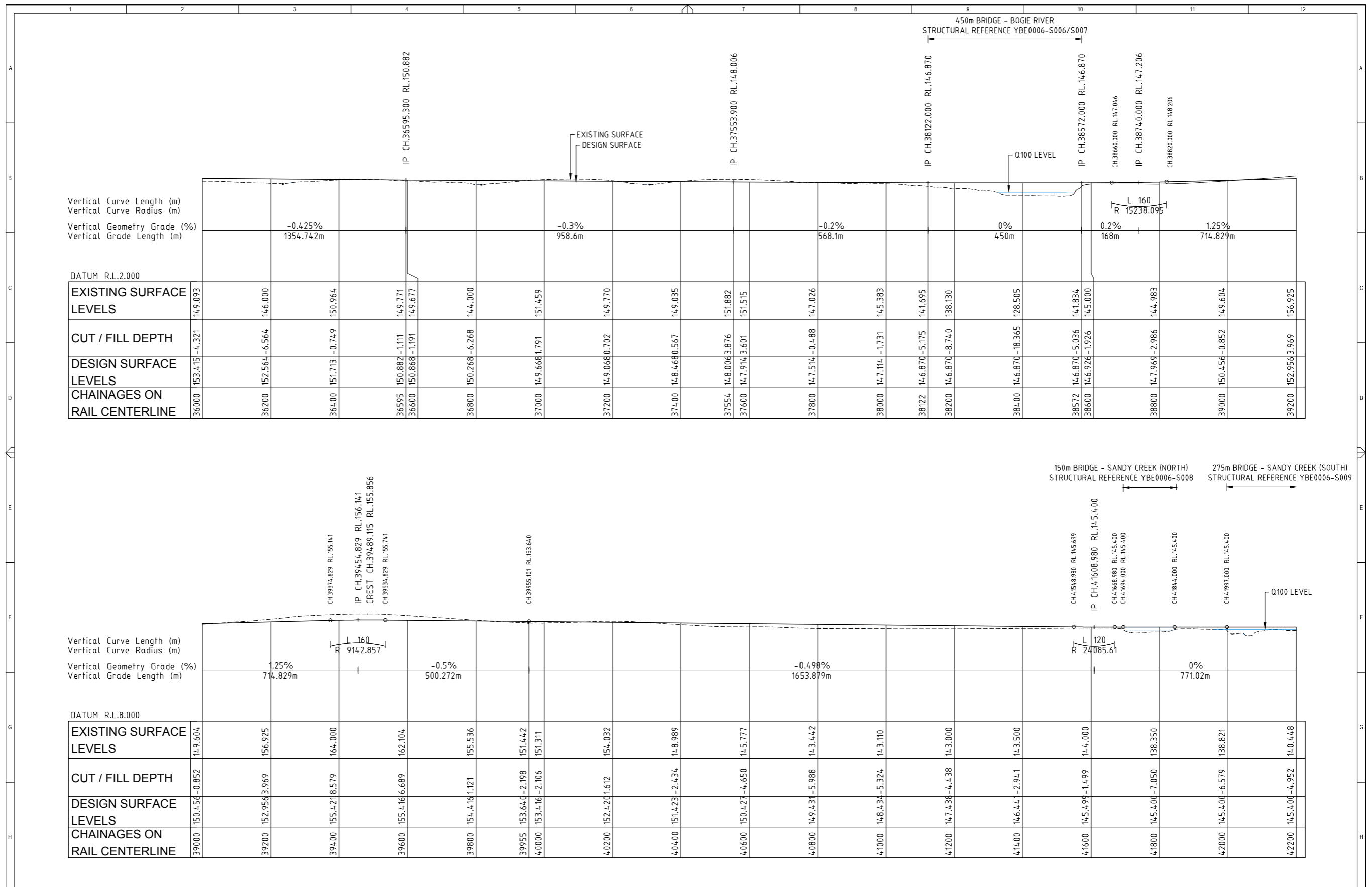
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	CLIENT Waratah Coal	SCALE - AT ORIGINAL SHEET SIZE A1 HORIZ 1:5000 VERT 1:2500	SUITE 4, SHOP 15A 45 DAWSON HIGHWAY GLADSTONE QLD 4680 T 07 4976 9667 F 07 5570 4977 info@yeats.com.au www.yeats.com.au	STAGE / PHASE FOR INFORMATION ONLY NOT FOR CONSTRUCTION			



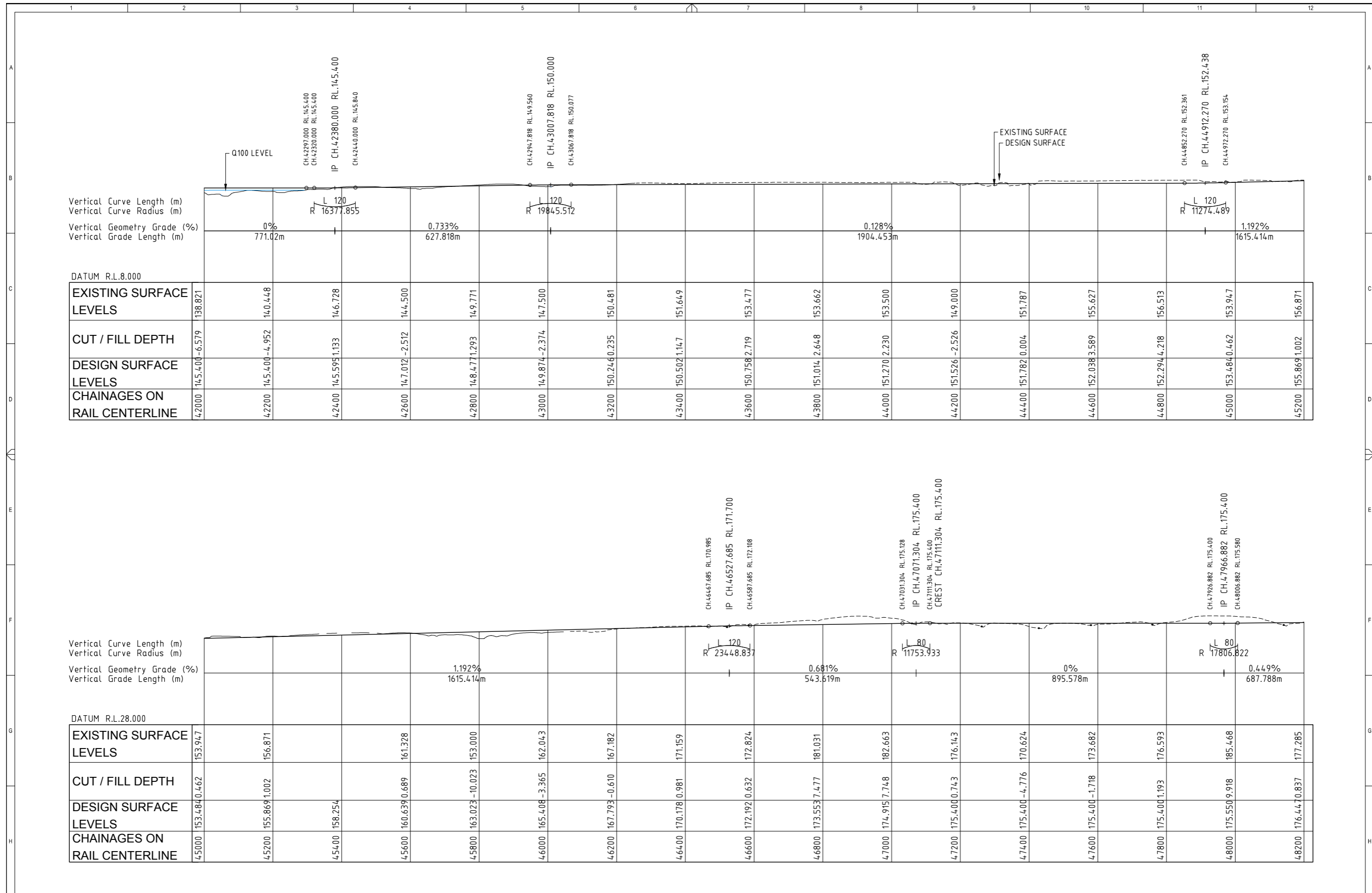
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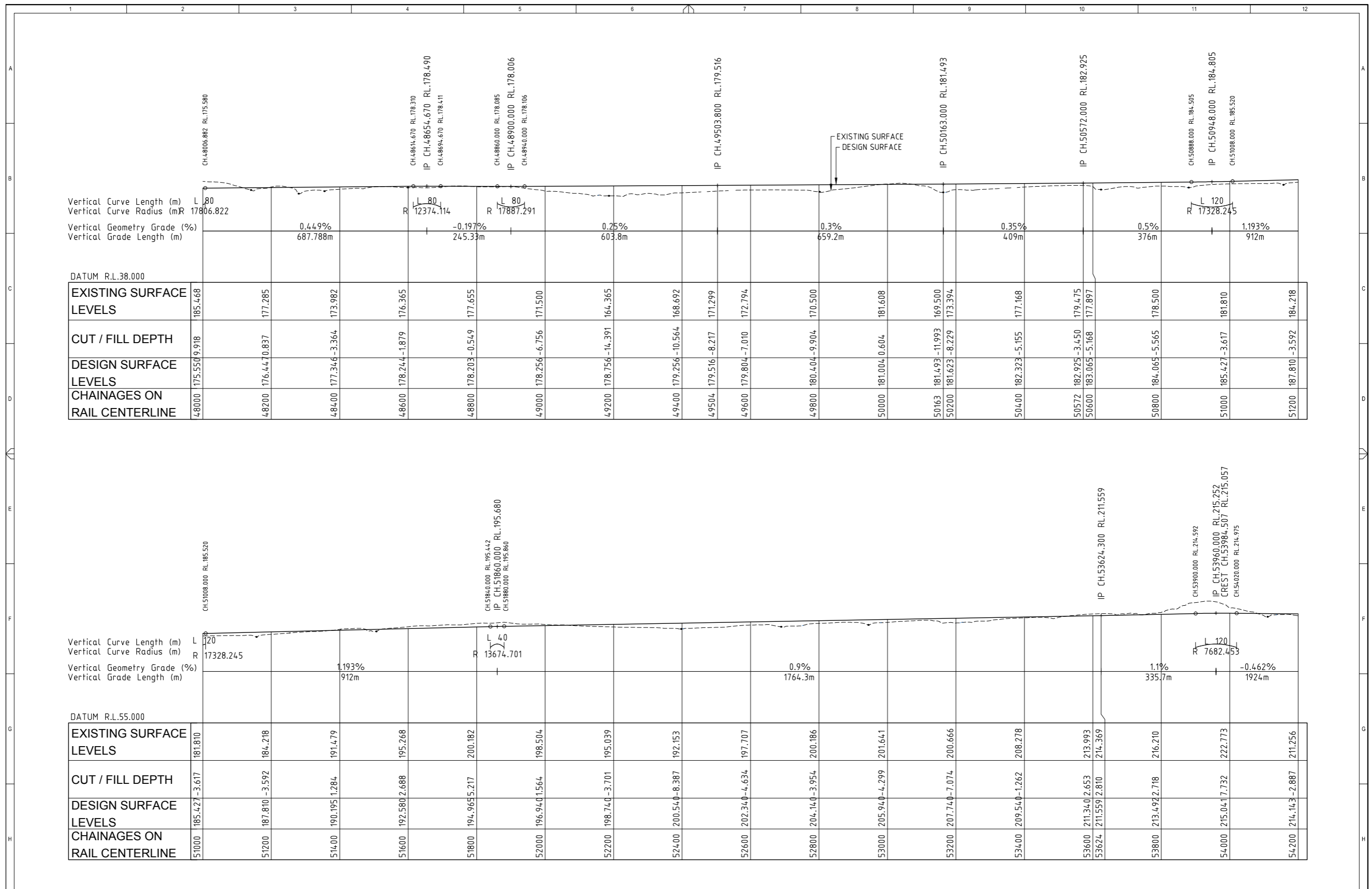
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	SCALE - AT ORIGINAL SHEET SIZE A1 HORIZ 1:5000 VERT 1:2500	SUITE 4, SHOP 15A 45 DAWSON HIGHWAY GLADSTONE QLD 4680 T 07 4976 9667 F 07 5570 4977 info@yeats.com.au www.yeats.com.au	STAGE / PHASE FOR INFORMATION ONLY NOT FOR CONSTRUCTION	APPROVED DRG No. YBE0006-C1-406			



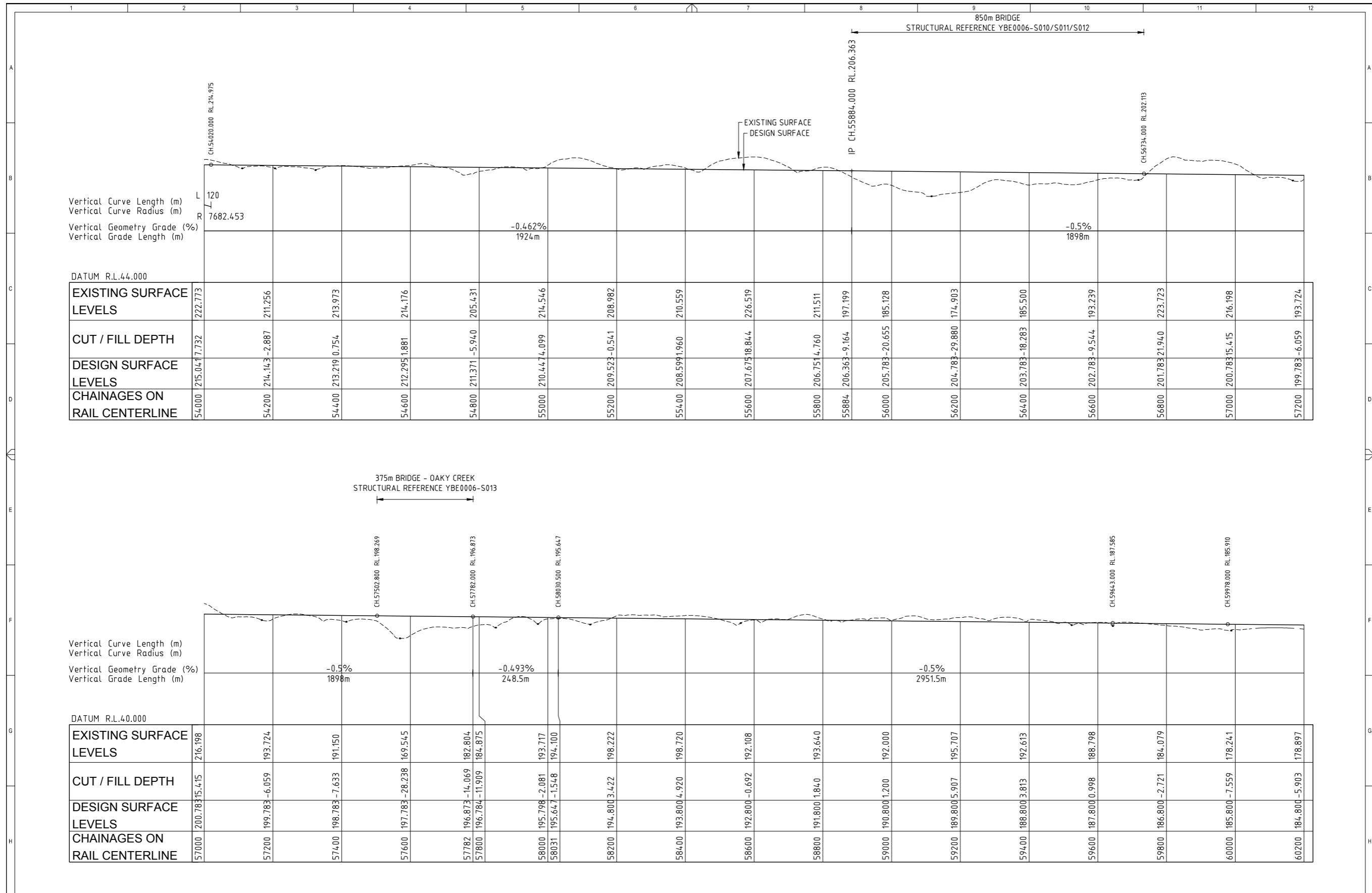
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	SCALE - AT ORIGINAL SHEET SIZE A1 HORIZ: 100 50 0 100 200 VERT: 50 25 0 50 100 1:2500				SUITE 4, SHOP 15A 45 DAWSON HIGHWAY GLADSTONE QLD 4680 T 07 4976 9667 F 07 5570 4977 info@yeats.com.au www.yeats.com.au		STAGE / PHASE: FOR INFORMATION ONLY NOT FOR CONSTRUCTION			APPROVED: [Signature] DRG No: YBE0006-C1-407 REV: A			



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	CLIENT A H.W. H.W. 05.07.12 ORIGINAL ISSUE REV DRAWN DESIGN DATE DESCRIPTION	SCALE - AT ORIGINAL SHEET SIZE A1 HORIZ 1:5000 VERT 1:2500	1102 SUITE 4, SHOP 15A 45 DAWSON HIGHWAY GLADSTONE QLD 4680 T 07 4976 9667 F 07 5570 4977 info@yeats.com.au www.yeats.com.au	STAGE / PHASE FOR INFORMATION ONLY NOT FOR CONSTRUCTION			



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	SCALE - AT ORIGINAL SHEET SIZE A1 HORIZ 100 50 0 100 200 VERT 50 25 0 50 100 15000 1:2500	STAGE / PHASE FOR INFORMATION ONLY NOT FOR CONSTRUCTION	APPROVED YBE0006-C1-409	REV A			



REV	H.W.	H.W.	DATE	DESCRIPTION
A	H.W.	H.W.	05.07.12	ORIGINAL ISSUE

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DRAWING IS NOT TO BE SCALED

SCALE - AT ORIGINAL SHEET SIZE A1

HORIZ 1:5000
VERT 1:12500



PROJECT
GALILEE BASIN RAILWAY CONCEPTUAL DESIGN

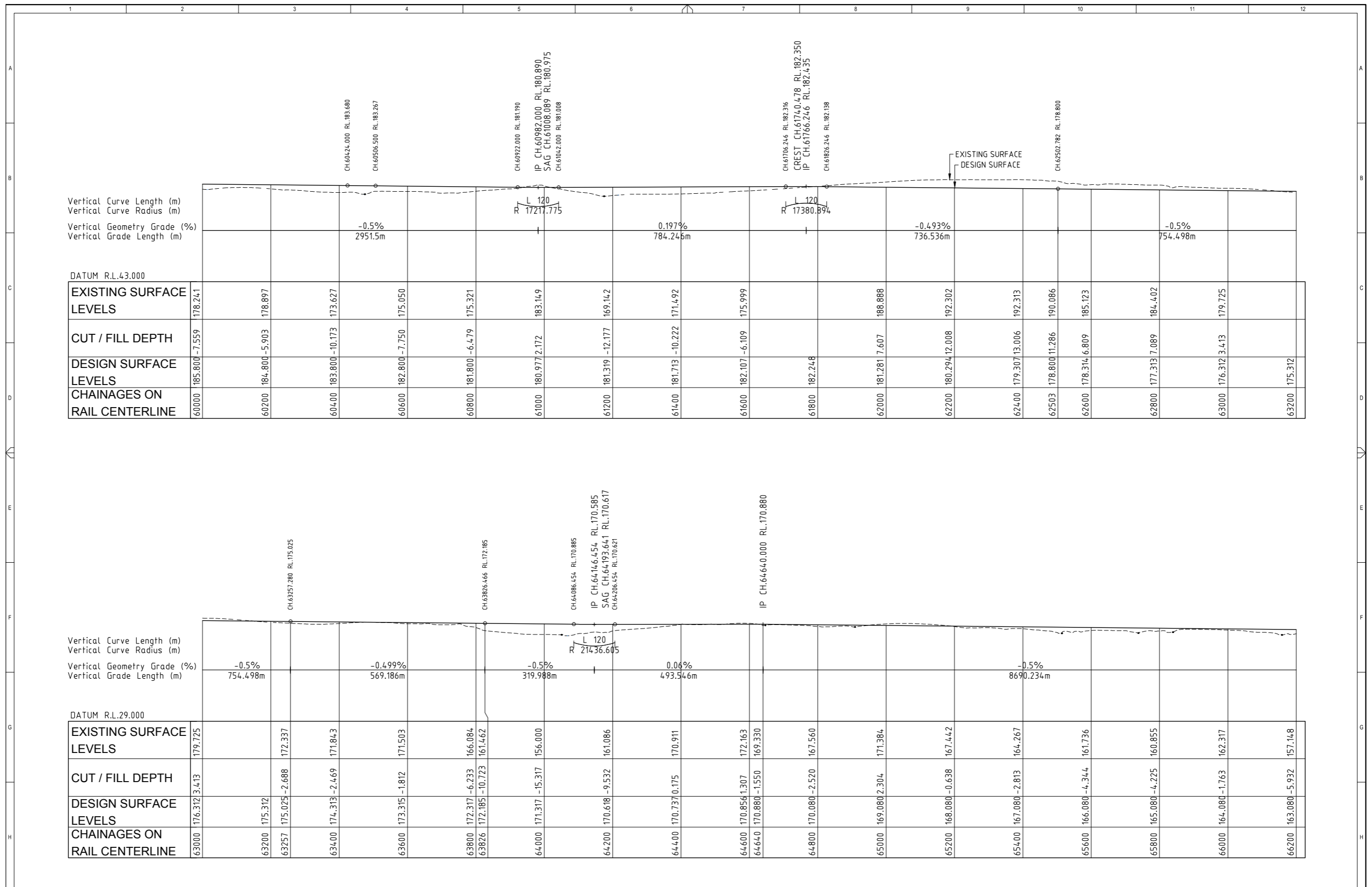
STAGE / PHASE
FOR INFORMATION ONLY
NOT FOR CONSTRUCTION

DRAWING NAME
LONGITUDINAL SECTION CH 0 - 60,000 SHEET 10 OF 10

APPROVED

DRG No.
YBE0006-C1-410

REV
A



REV	DRAWN	DESIGN	DATE	DESCRIPTION
A	H.W.	H.W.	05.07.12	ORIGINAL ISSUE

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DRAWING IS NOT TO BE SCALED

SCALE - AT ORIGINAL SHEET SIZE A1

HORIZ 100 50 0 100 200 15000

VERT 50 25 0 50 100 12500



PROJECT
**GALILEE BASIN RAILWAY
CONCEPTUAL DESIGN**

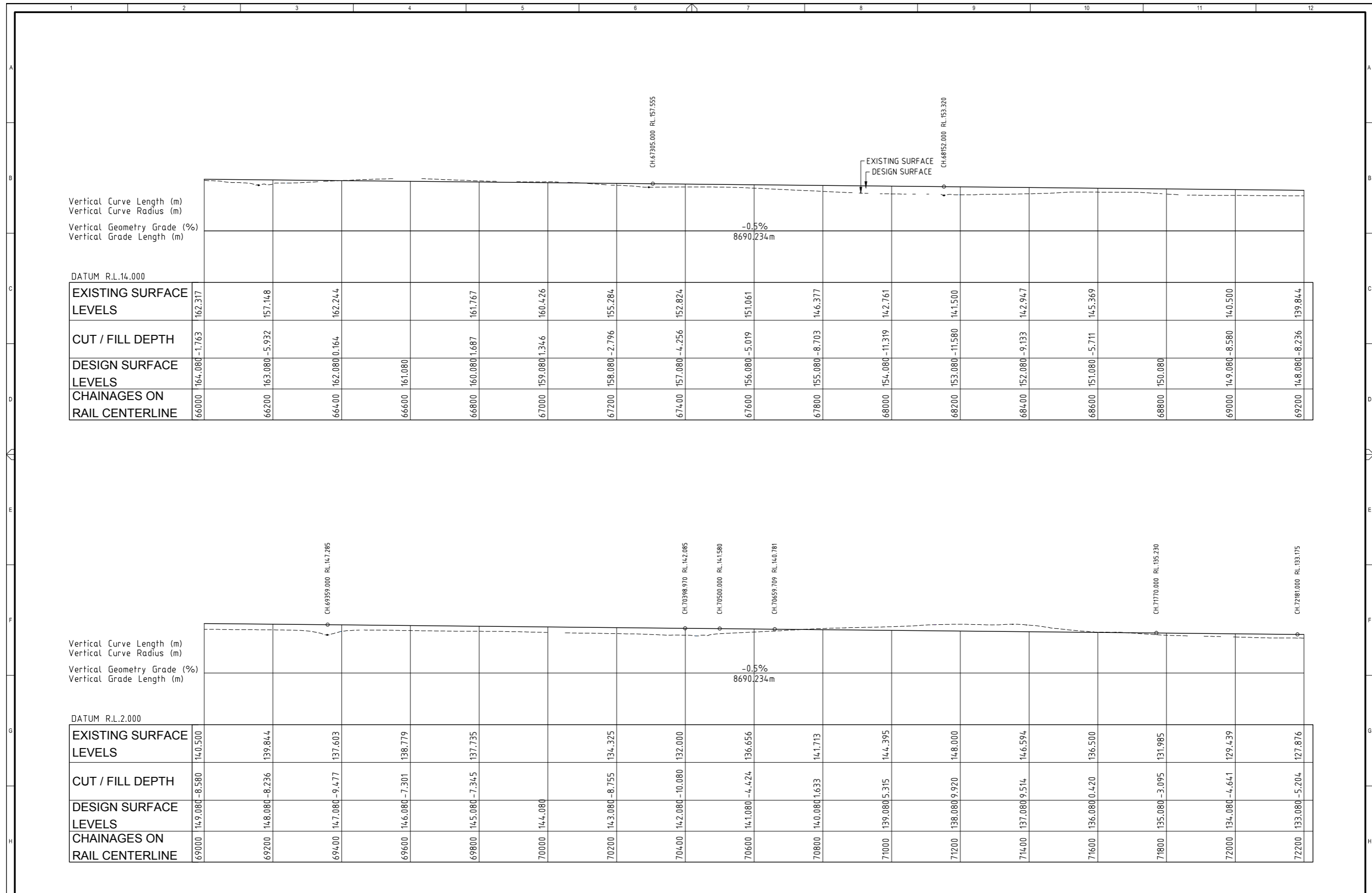
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**FOR INFORMATION ONLY
NOT FOR CONSTRUCTION**

DRAWING NAME
**LONGITUDINAL SECTION
CH 60,000 - 120,000
SHEET 01 OF 10**

APPROVED

DRG No.
YBE0006-C1-411

REV
A



REV	H.W.	H.W.	DATE	DESCRIPTION
A	H.W.	H.W.	05.07.12	ORIGINAL ISSUE

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DRAWING IS NOT TO BE SCALED

SCALE - AT ORIGINAL SHEET SIZE A1

HORIZ 1:5000

VERT 1:2500



PROJECT
GALILEE BASIN RAILWAY CONCEPTUAL DESIGN

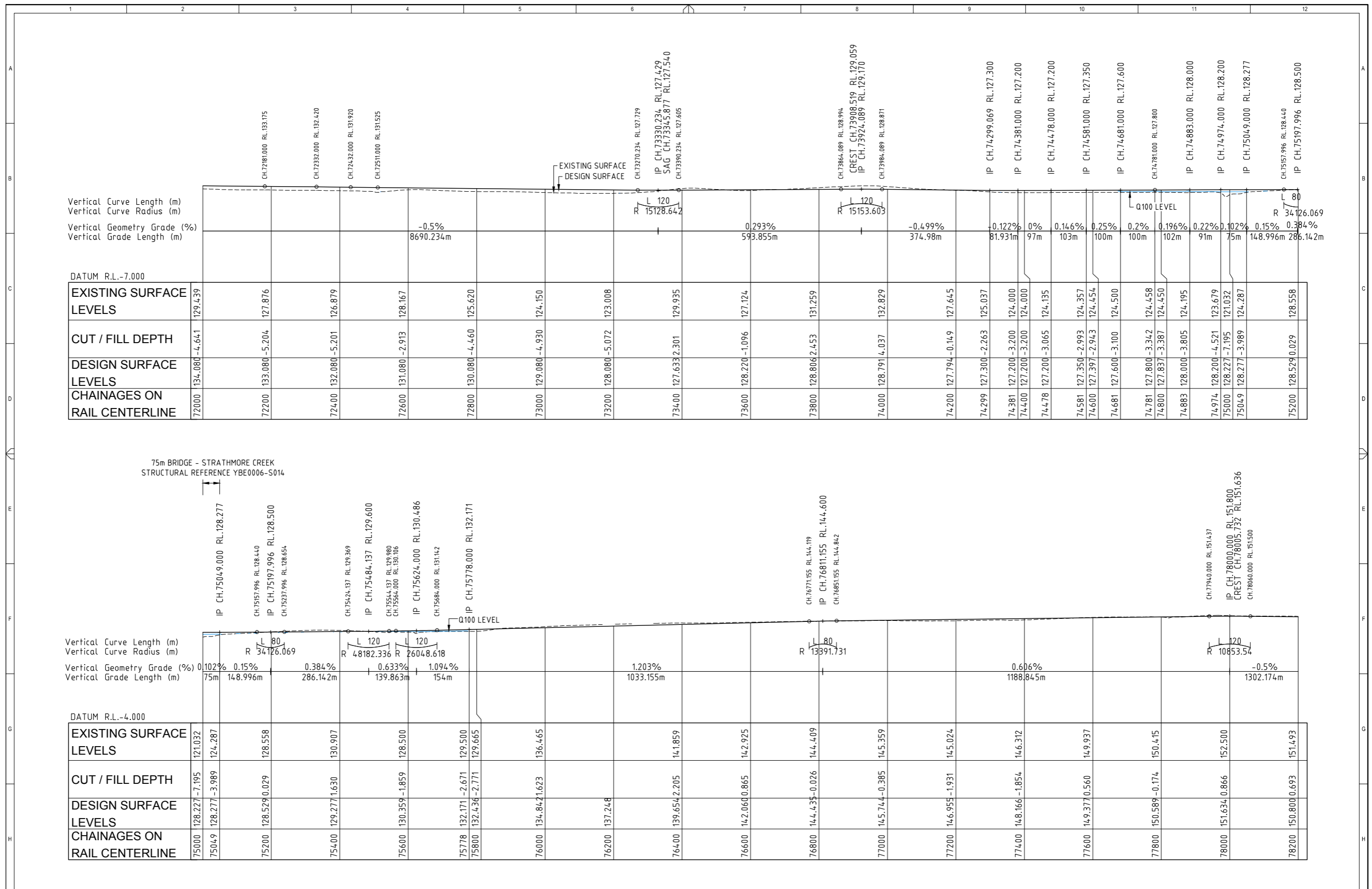
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DRAWING NAME
LONGITUDINAL SECTION CH 60,000 - 120,000 SHEET 02 OF 10

APPROVED

DRG No.
YBE0006-C1-412

REV
A



75m BRIDGE - STRATHMORE CREEK
STRUCTURAL REFERENCE YBE0006-S014



REV	DRAWN	DESIGN	DATE	DESCRIPTION
A	H.W.	H.W.	05.07.12	ORIGINAL ISSUE

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DRAWING IS NOT TO BE SCALED

SCALE - AT ORIGINAL SHEET SIZE A1

HORIZ 100 50 0 100 200 15000

VERT 50 25 0 50 100 12500



PROJECT
**GALILEE BASIN RAILWAY
CONCEPTUAL DESIGN**

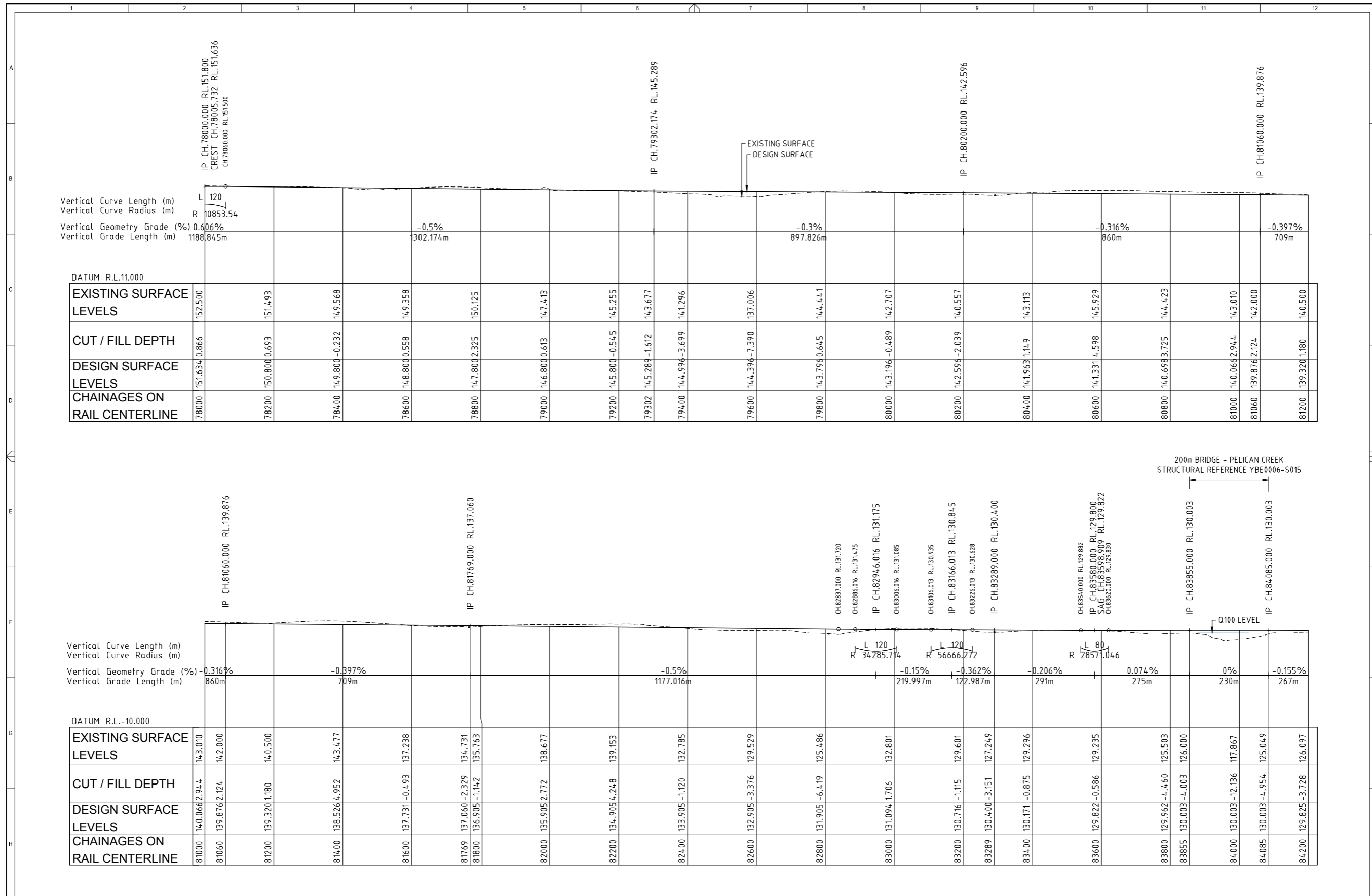
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NOT FOR CONSTRUCTION**

DRAWING NAME
**LONGITUDINAL SECTION
CH 60,000 - 120,000
SHEET 03 OF 10**

APPROVED

ORG No.
YBE0006-C1-413

REV
A



REV	H.W.	H.W.	DESIGN	DATE	DESCRIPTION
A				05.07.12	ORIGINAL ISSUE

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DRAWING IS NOT TO BE SCALED

SCALE - AT ORIGINAL SHEET SIZE A1
 HORIZ 1:100
 VERT 1:250



PROJECT
GALILEE BASIN RAILWAY CONCEPTUAL DESIGN

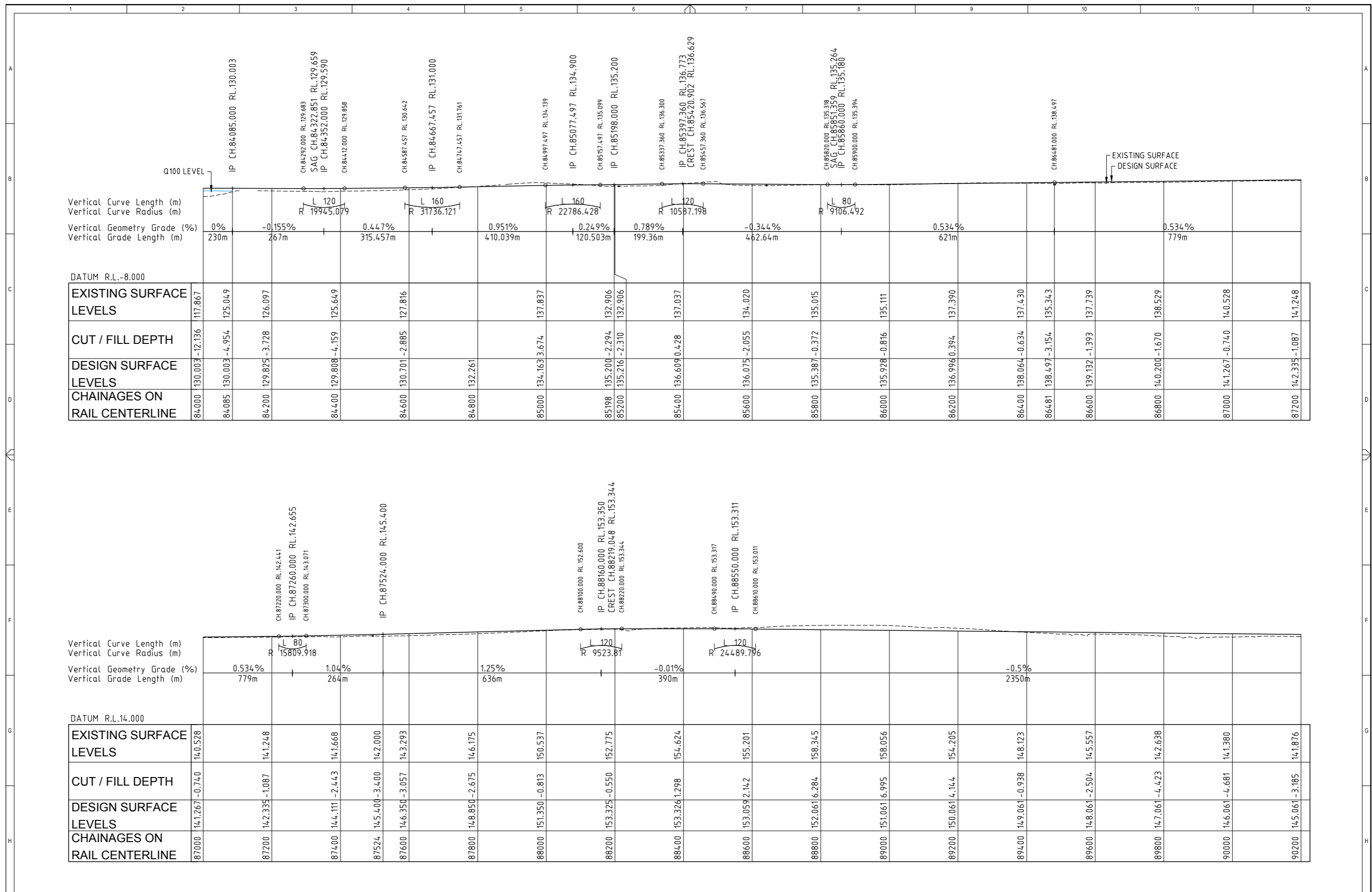
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FOR INFORMATION ONLY
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DRAWING NAME
LONGITUDINAL SECTION CH 60,000 - 120,000 SHEET 04 OF 10

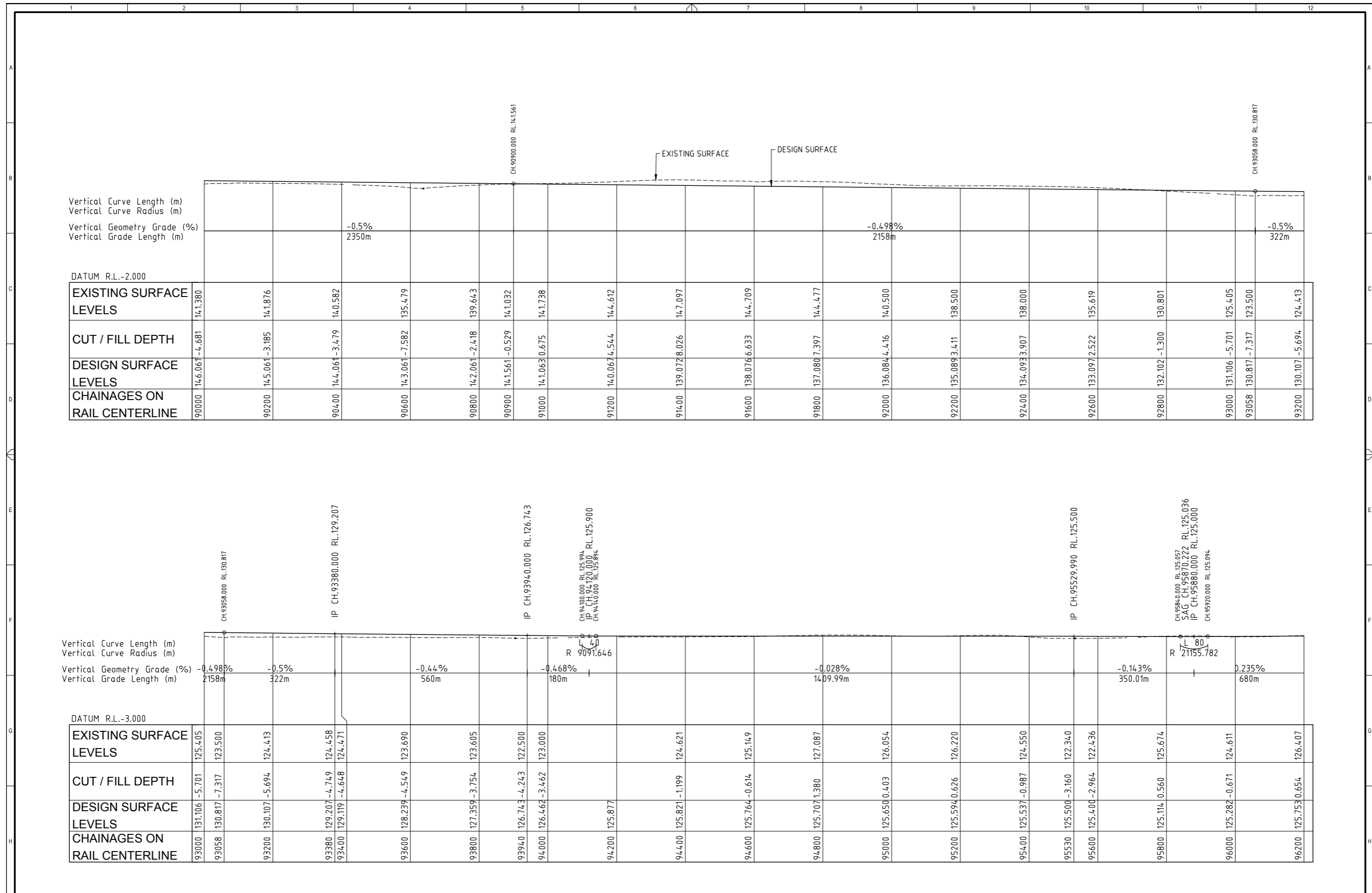
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DRG No.
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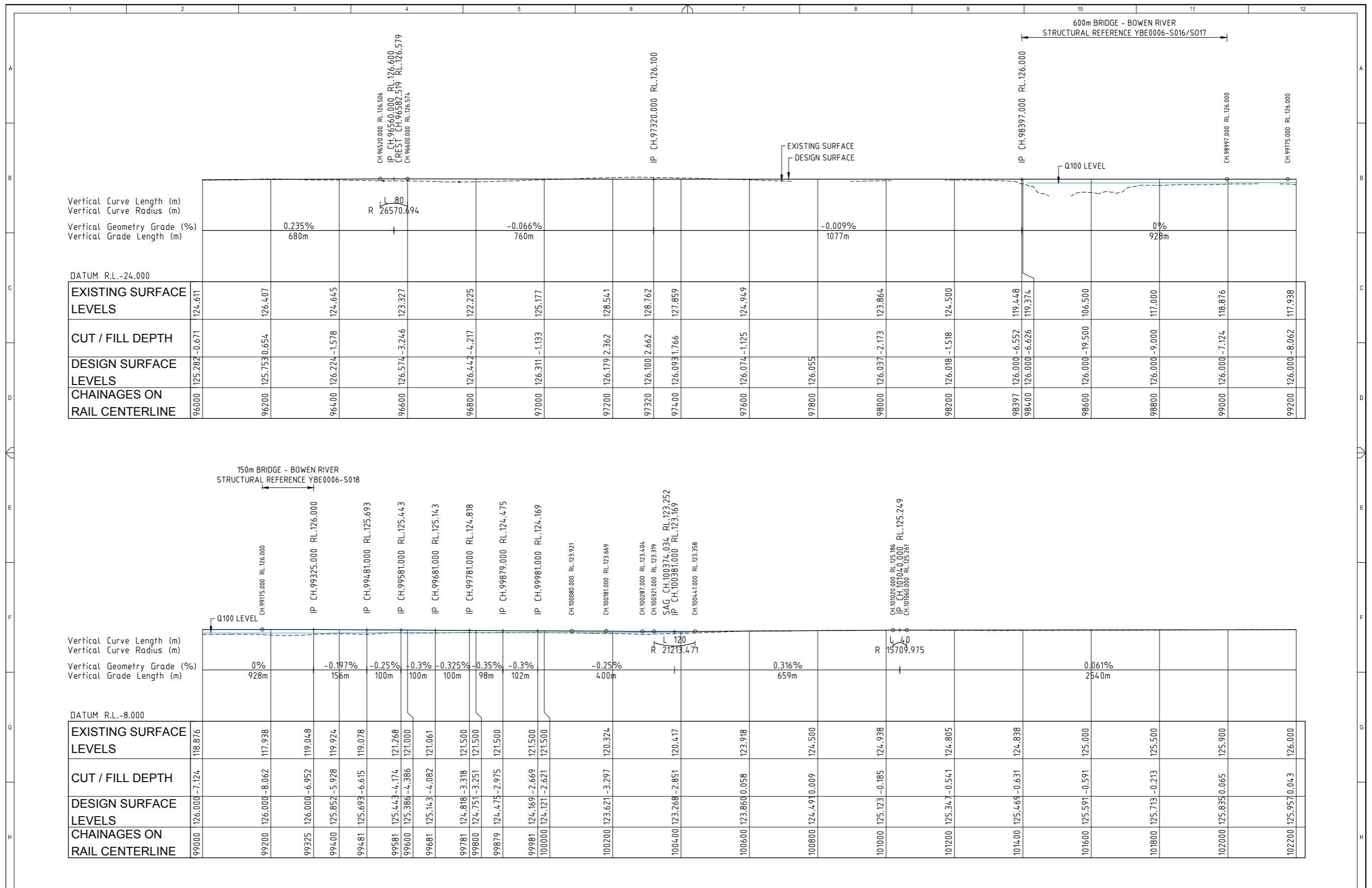
REV
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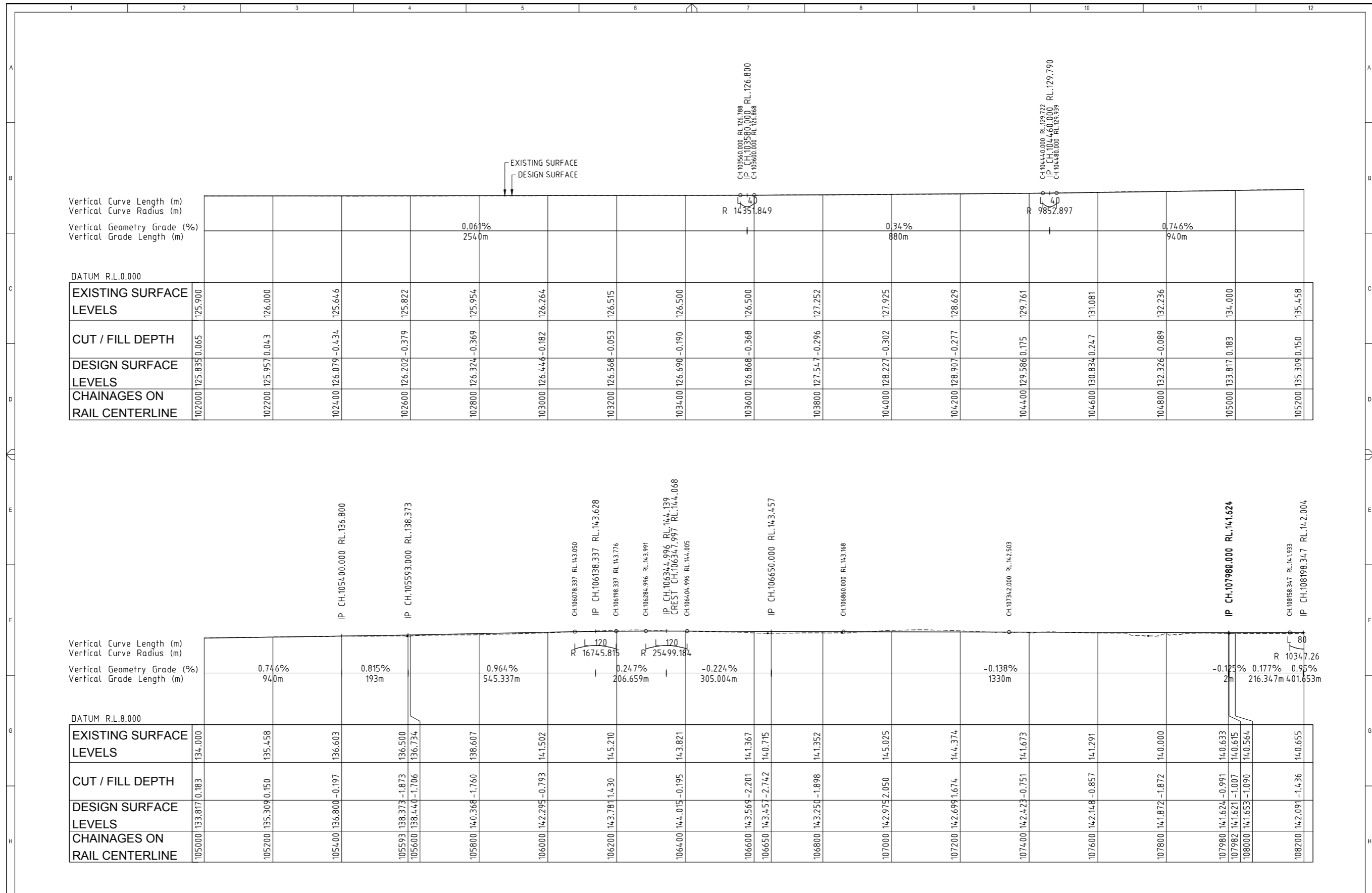
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	SCALE - AT ORIGINAL SHEET SIZE A1 HORIZ 1:100 1:50 1:25 1:10 VERT 1:2500	SUITE 4, SHOP 15A 45 DAWSON HIGHWAY GLADSTONE QLD 4680 T 07 4976 9687 F 07 5570 4977 info@yeats.com.au www.yeats.com.au	STAGE / PHASE FOR INFORMATION ONLY NOT FOR CONSTRUCTION	APPROVED DRG No. YBE0006-C1-415			



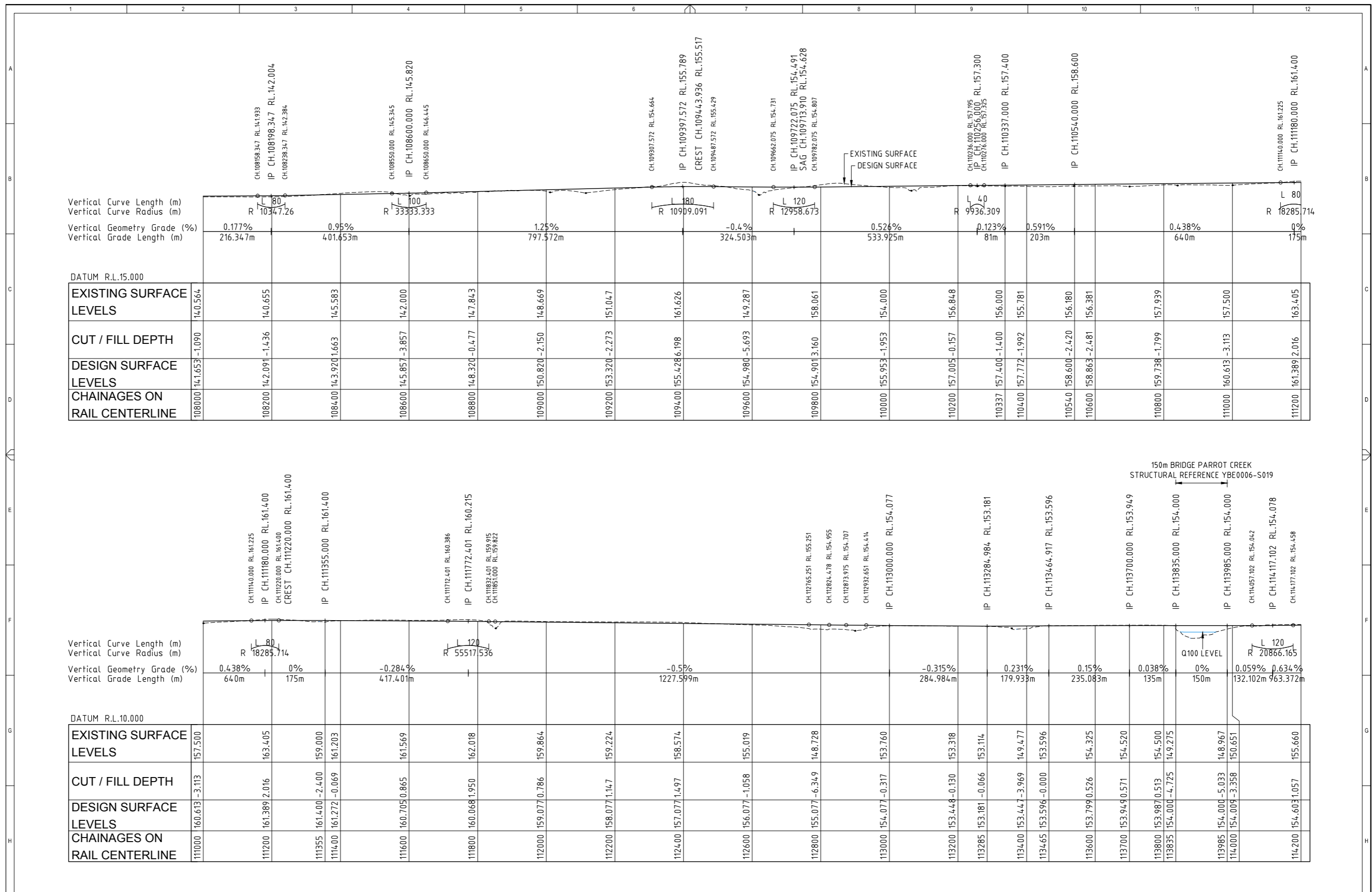
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	CLIENT Waratah Coal	SCALE - AT ORIGINAL SHEET SIZE A1 HORIZ 1:5000 VERT 1:12500	STAGE / PHASE FOR INFORMATION ONLY NOT FOR CONSTRUCTION	APPROVED DRG No. YBE0006-C1-416			
REV H.W. DESIGN DATE DESCRIPTION	A H.W. 05.07.12 ORIGINAL ISSUE	SUITE 4, SHOP 15A 45 DAWSON HIGHWAY GLADSTONE QLD 4680 T 07 4976 9667 F 07 5570 4977 info@yeats.com.au www.yeats.com.au		NOT FOR CONSTRUCTION	REV A		



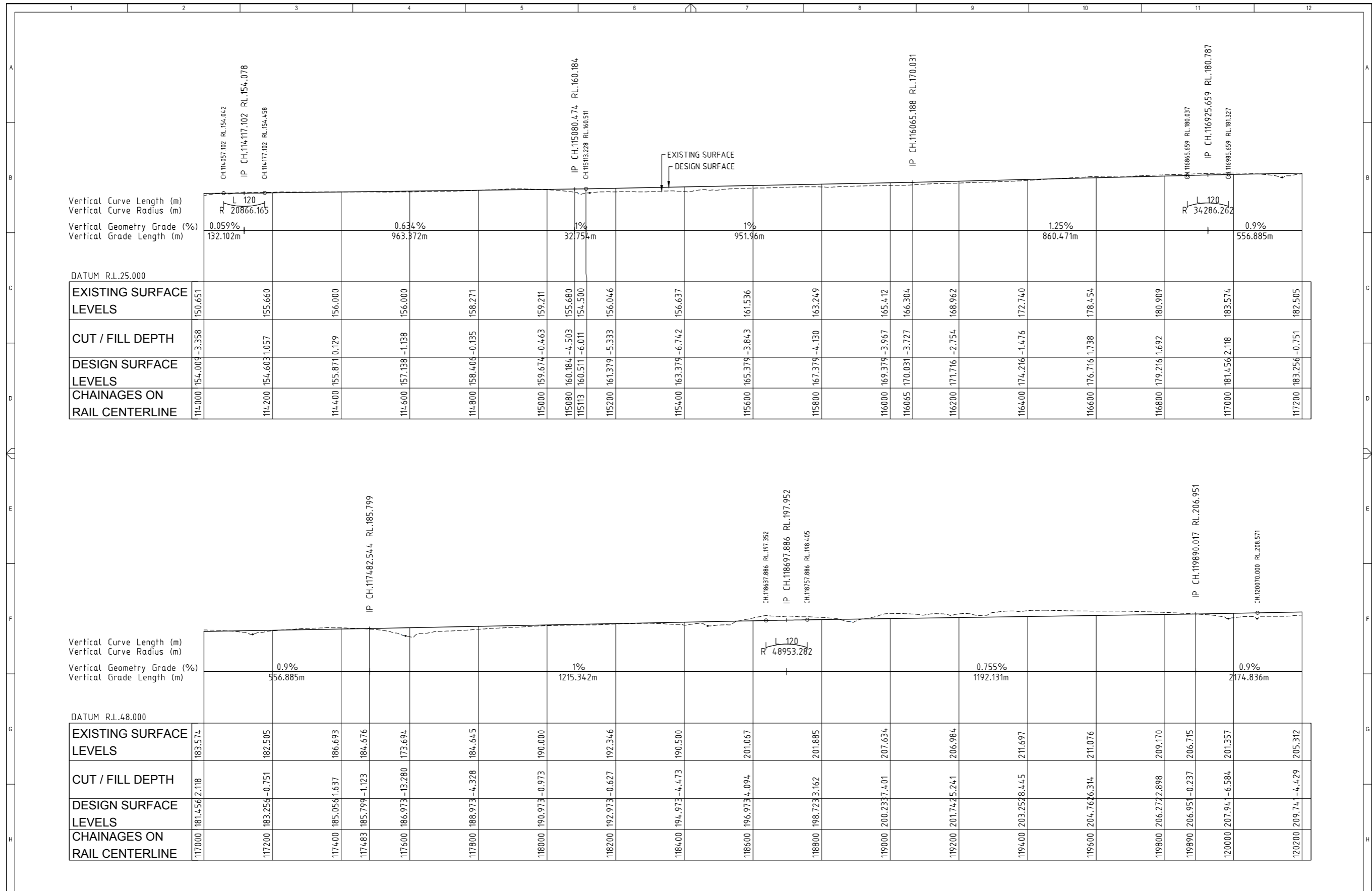
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	SCALE - AT ORIGINAL SHEET SIZE A1 HORIZ: 100 50 0 100 200 VERT: 50 25 0 50 100 12500	SUITE 4, SHOP 15A 45 DAWSON HIGHWAY GLADSTONE QLD 4680 T 07 4976 9667 F 07 5570 4977 info@yeats.com.au www.yeats.com.au				STAGE / PHASE: FOR INFORMATION ONLY NOT FOR CONSTRUCTION		APPROVED: [Blank]		DRG No: YBE0006-C1-417		REV: A	



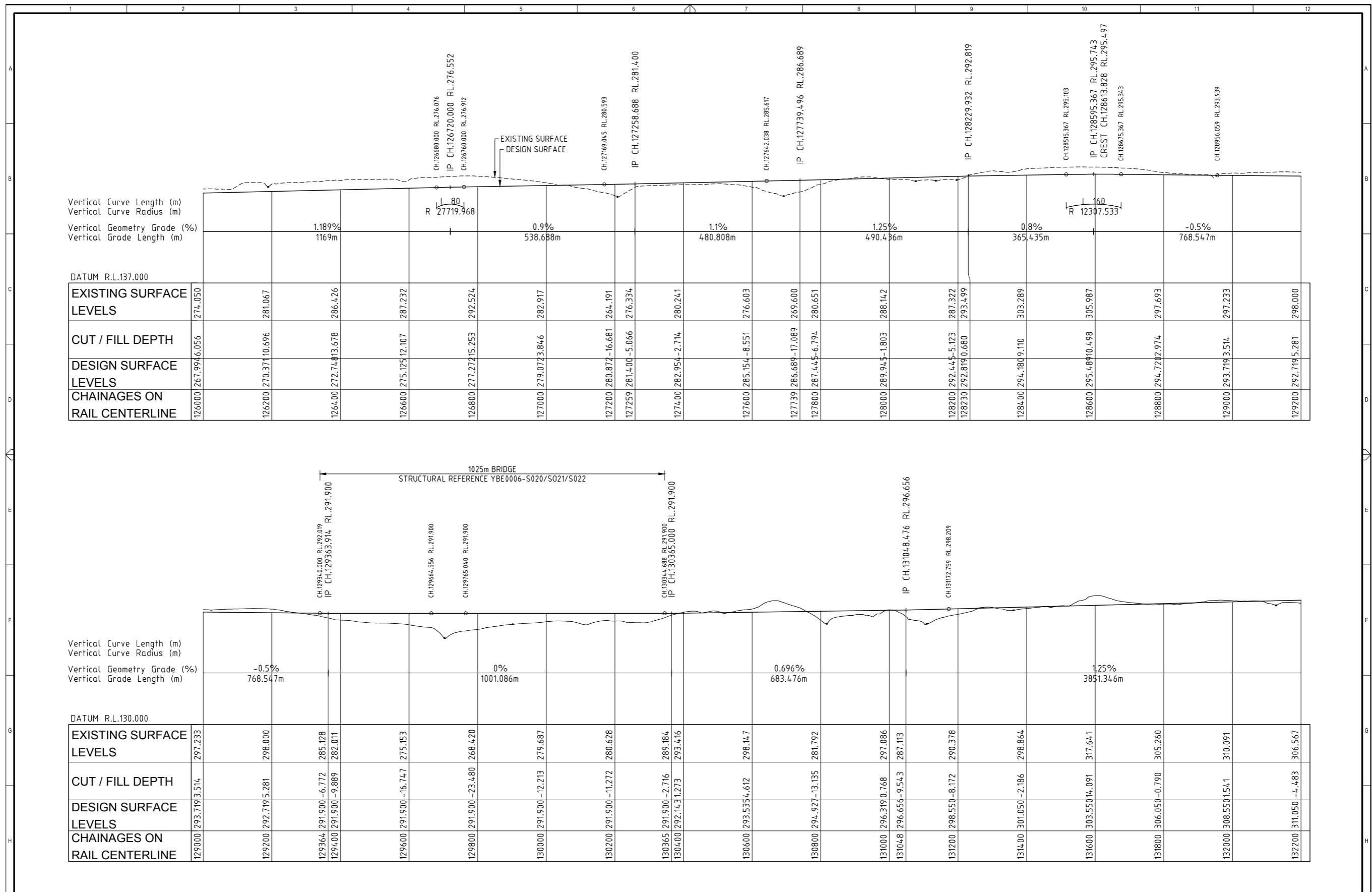
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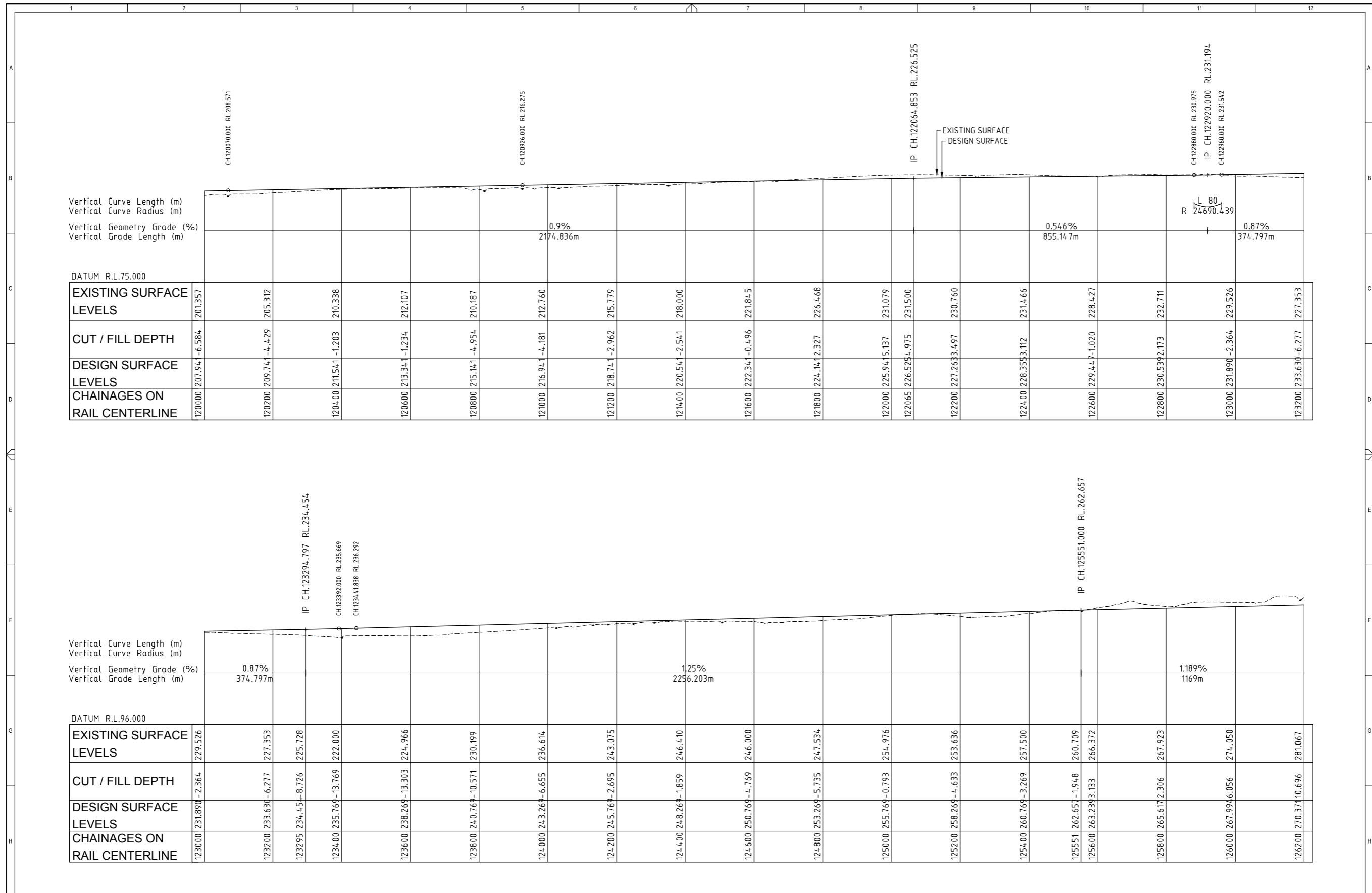
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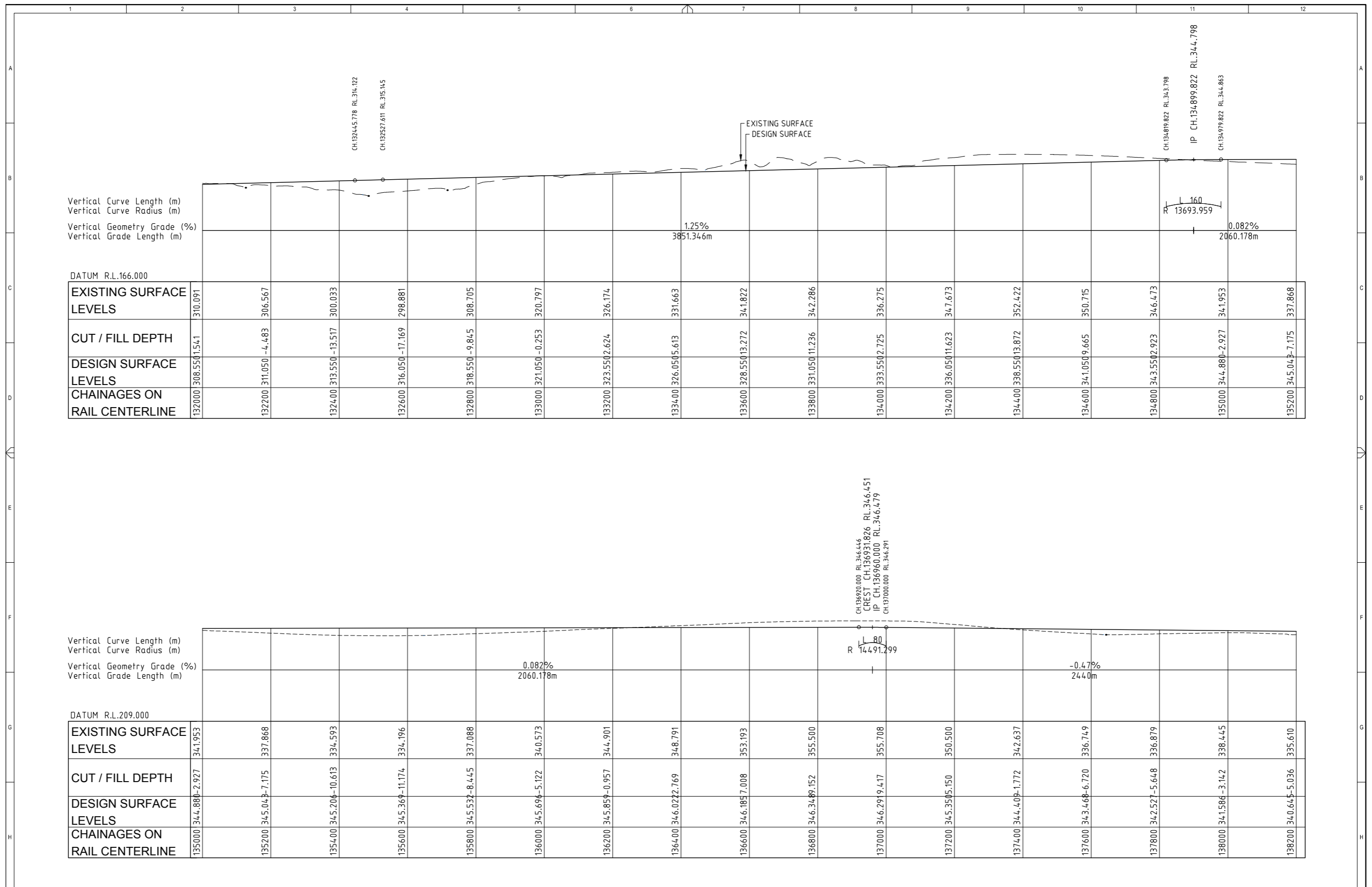
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CLIENT		STAGE / PHASE	FOR INFORMATION ONLY	APPROVED	DRG No.	YBE0006-C1-420	
REV	H.W.	H.W.	DESIGN	DATE	DESCRIPTION	REV	A



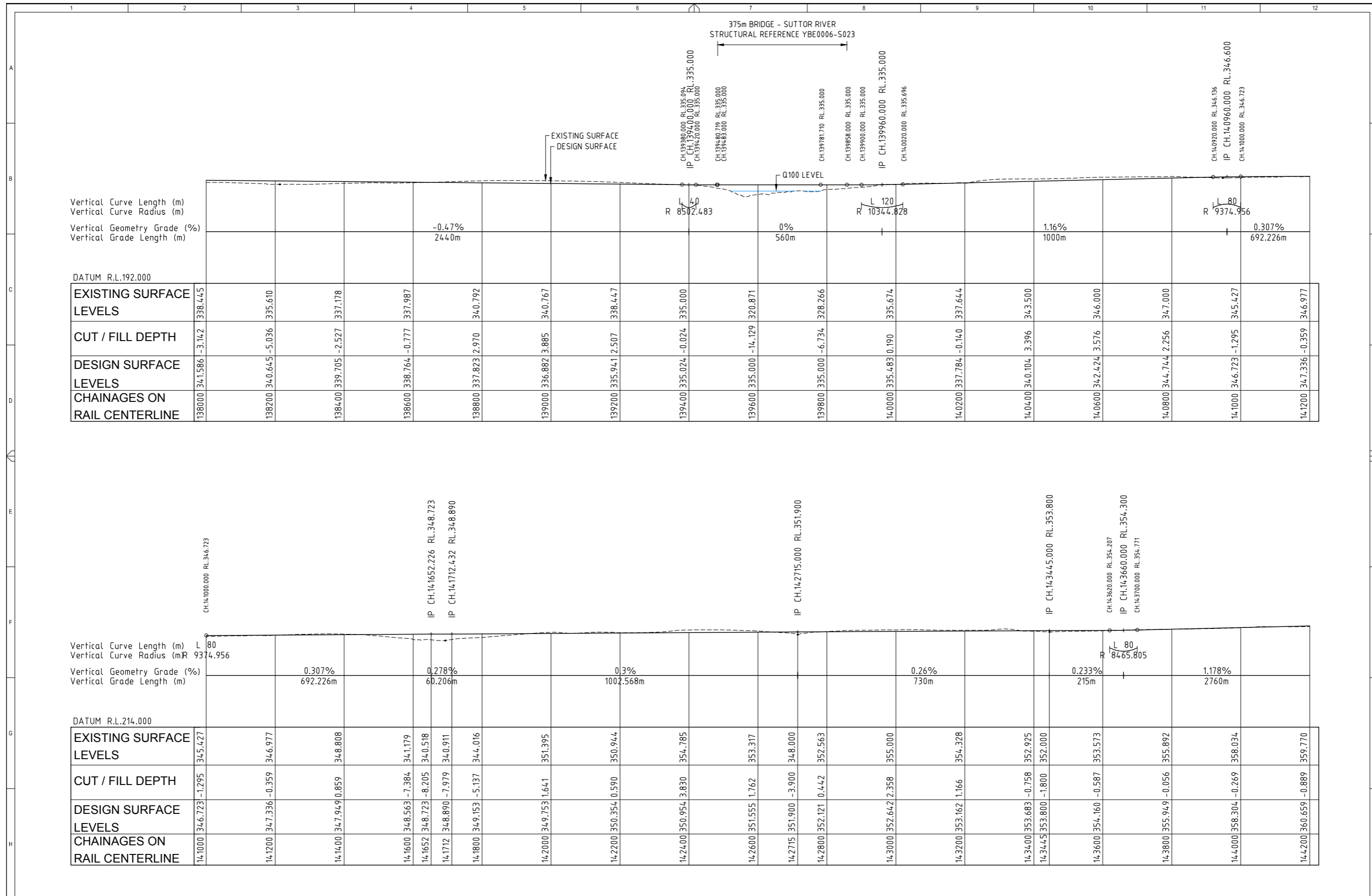
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	SCALE - AT ORIGINAL SHEET SIZE A1 HORIZ 1:100 1:50 1:25 1:10 1:50 1:100 1:2500 VERT 1:100 1:50 1:2500	STAGE / PHASE FOR INFORMATION ONLY NOT FOR CONSTRUCTION	APPROVED DRG No. YBE0006-C1-412	REV A			



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	SCALE - AT ORIGINAL SHEET SIZE A1 HORIZ 1:1000 VERT 1:12500	SUITE 4, SHOP 15A 45 DAWSON HIGHWAY GLADSTONE QLD 4680 T 07 4976 9667 F 07 5570 4977 info@yeats.com.au www.yeats.com.au	STAGE / PHASE FOR INFORMATION ONLY NOT FOR CONSTRUCTION	APPROVED DRG No. YBE0006-C1-421		REV A	



	CLIENT: [Blank]				THIS DESIGN AND PLAN IS COPYRIGHT AND IS NOT TO BE USED OR REPRODUCED WHOLLY OR IN PART OR TO BE USED ON ANY PROJECT WITHOUT THE WRITTEN PERMISSION OF YEATS CONSULTING PTY LTD DRAWING IS NOT TO BE SCALED SCALE - AT ORIGINAL SHEET SIZE A1 HORIZ 1:5000 VERT 1:2500		PROJECT: GALILEE BASIN RAILWAY CONCEPTUAL DESIGN	DRAWING NAME: LONGITUDINAL SECTION CH 120,000 - 180,000 SHEET 03 OF 10
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REV	H.W.	H.W.	DATE	DESCRIPTION
A	H.W.	H.W.	05.07.12	ORIGINAL ISSUE

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DRAWING IS NOT TO BE SCALED

SCALE - AT ORIGINAL SHEET SIZE A1

HORIZ 1:5000
VERT 1:12500



PROJECT
GALILEE BASIN RAILWAY CONCEPTUAL DESIGN

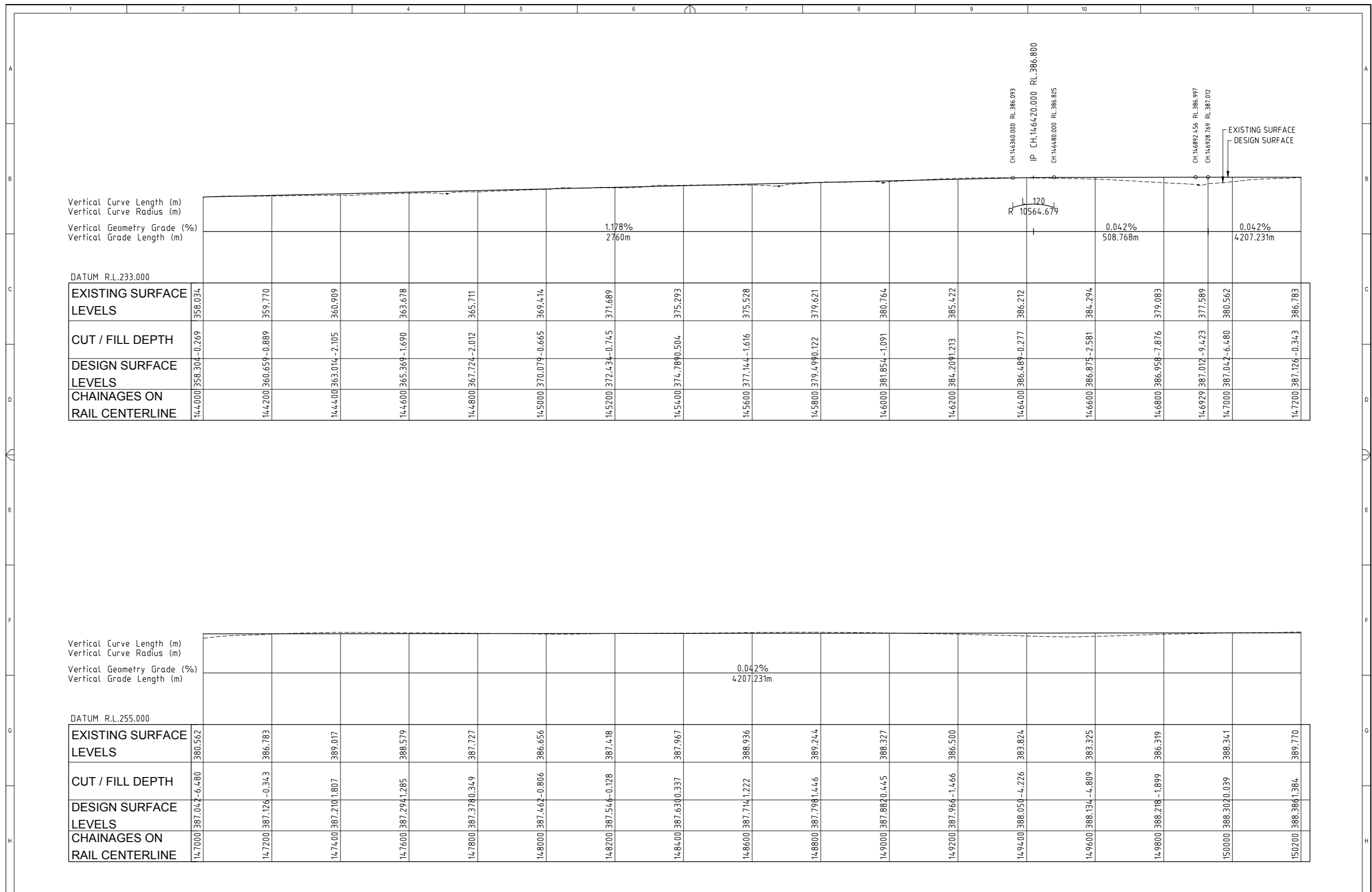
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FOR INFORMATION ONLY
NOT FOR CONSTRUCTION

DRAWING NAME
LONGITUDINAL SECTION CH 120,000 - 180,000 SHEET 04 OF 10

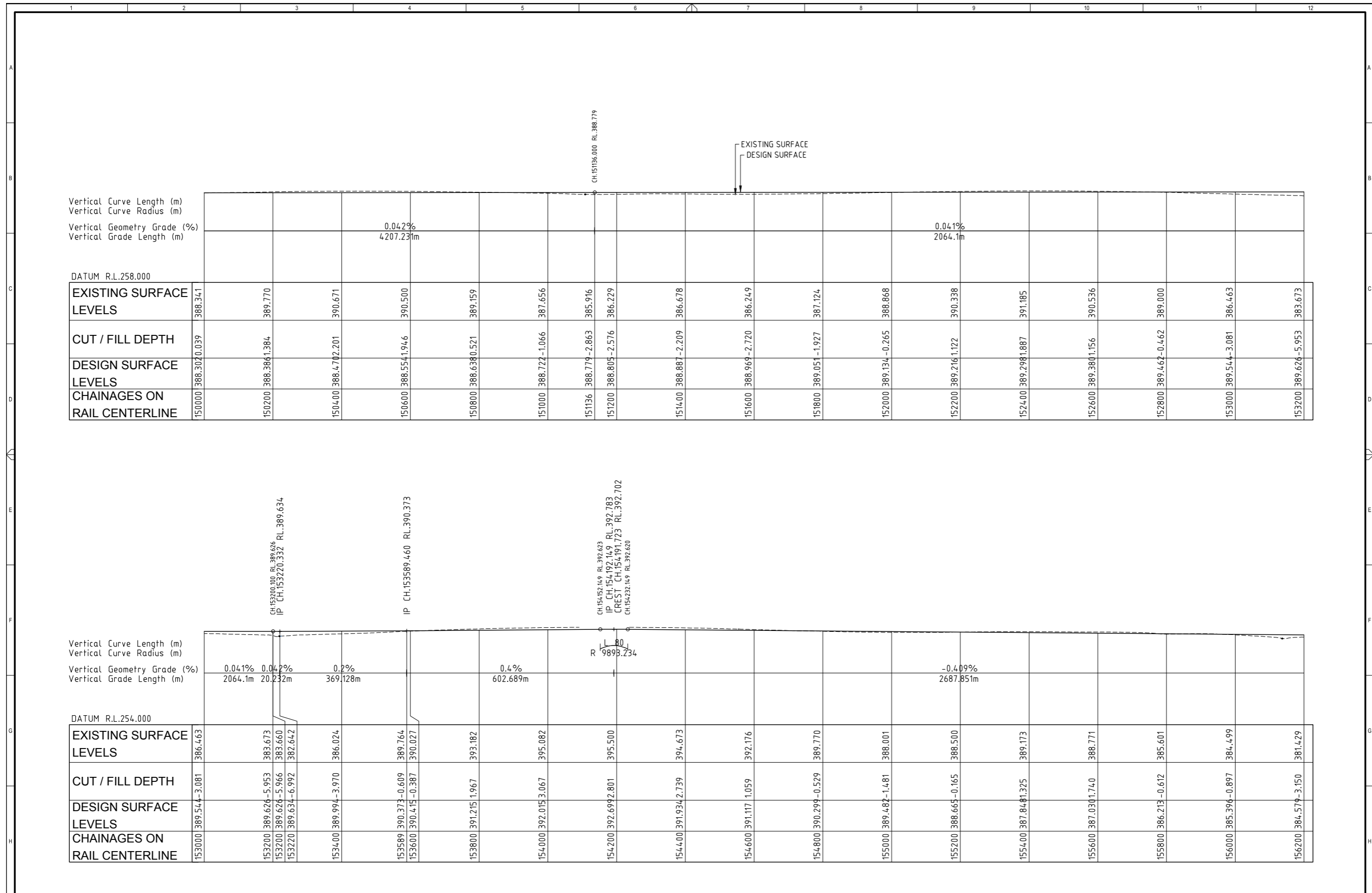
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DRG No.
YBE0006-C1-424

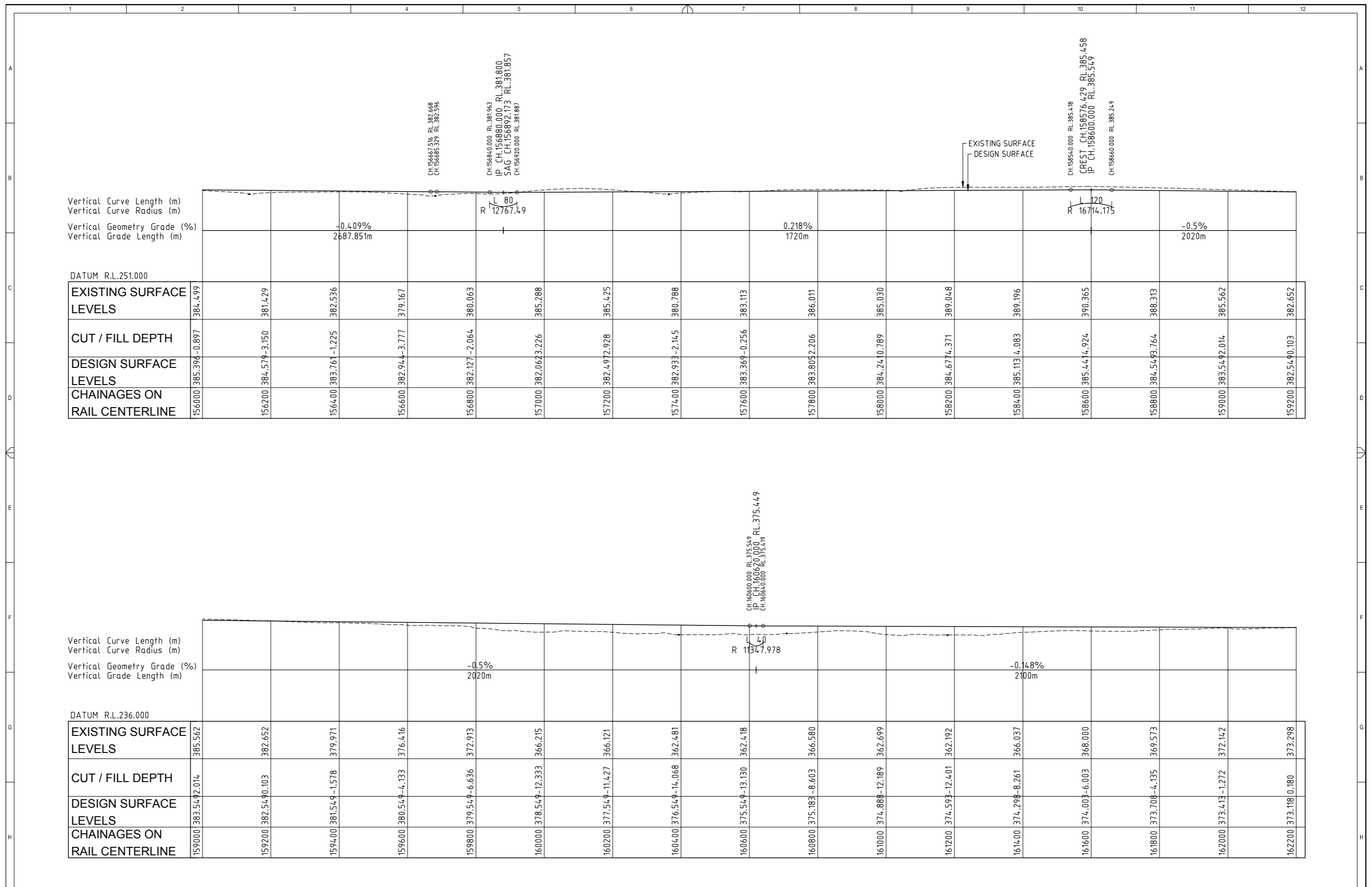
REV
A



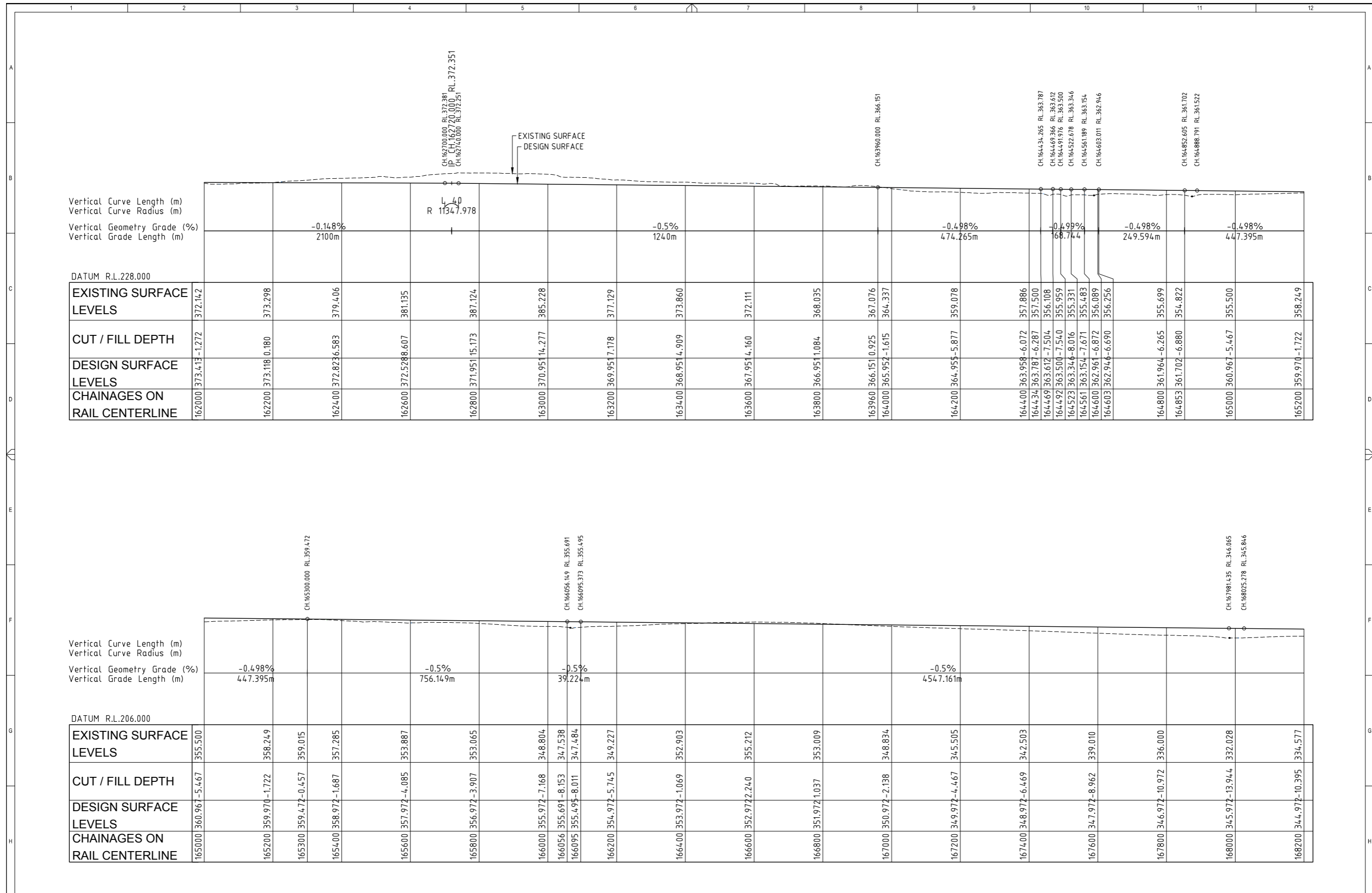
	CLIENT _____ _____ _____ _____				THIS DESIGN AND PLAN IS COPYRIGHT AND IS NOT TO BE USED OR REPRODUCED WHOLLY OR IN PART OR TO BE USED ON ANY PROJECT WITHOUT THE WRITTEN PERMISSION OF YEATS CONSULTING PTY LTD DRAWING IS NOT TO BE SCALED				 SUITE 4, SHOP 15A 45 DAWSON HIGHWAY GLADSTONE QLD 4680 T 07 4976 9667 F 07 5570 4977 info@yeats.com.au www.yeats.com.au	PROJECT GALILEE BASIN RAILWAY CONCEPTUAL DESIGN		DRAWING NAME LONGITUDINAL SECTION CH 120,000 - 180,000 SHEET 05 OF 10	
	SCALE - AT ORIGINAL SHEET SIZE A1 HORIZ 1:5000 VERT 1:2500	STAGE / PHASE FOR INFORMATION ONLY NOT FOR CONSTRUCTION	APPROVED _____	DRG No. YBE0006-C1-425	REV A								



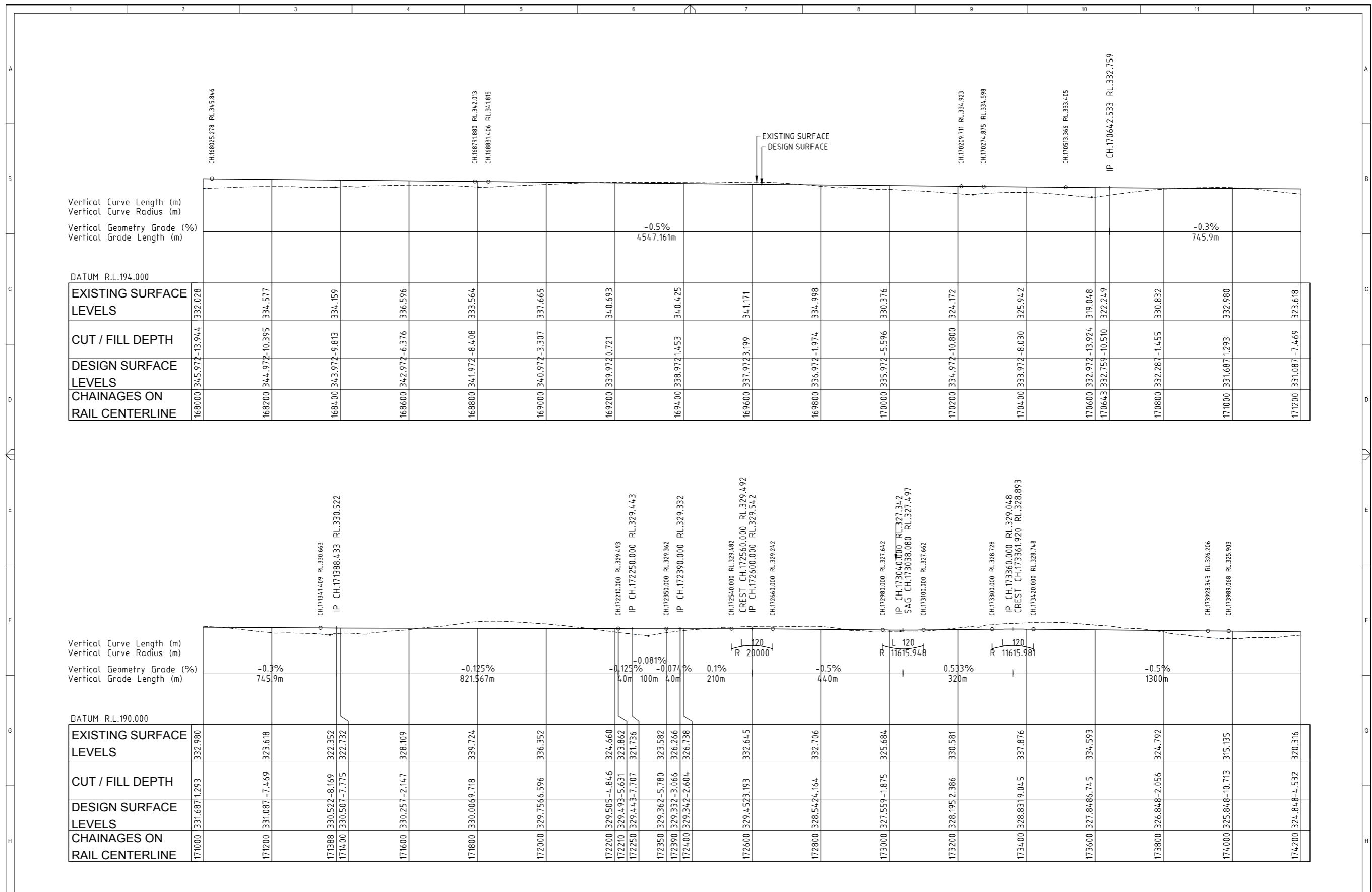
		<p>THIS DESIGN AND PLAN IS COPYRIGHT AND IS NOT TO BE USED OR REPRODUCED WHOLLY OR IN PART OR TO BE USED ON ANY PROJECT WITHOUT THE WRITTEN PERMISSION OF YEATS CONSULTING PTY LTD</p> <p>DRAWING IS NOT TO BE SCALED</p> <p>SCALE - AT ORIGINAL SHEET SIZE A1</p> <p>HORIZ 1:5000</p> <p>VERT 1:2500</p>		<p>SUITE 4, SHOP 15A 45 DAWSON HIGHWAY GLADSTONE QLD 4680 T 07 4976 9667 F 07 5570 4977 info@yeats.com.au www.yeats.com.au</p>		<p>PROJECT: GALILEE BASIN RAILWAY CONCEPTUAL DESIGN</p> <p>STAGE / PHASE: FOR INFORMATION ONLY</p>		<p>DRAWING NAME: LONGITUDINAL SECTION CH 120,000 - 180,000 SHEET 06 OF 10</p> <p>APPROVED: [Signature]</p> <p>DRG No: YBE0006-C1-426</p>		<p>REV: A</p>
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	CLIENT H.W. H.W. 05.07.12 ORIGINAL ISSUE REV DRAWN DESIGN DATE DESCRIPTION	THIS DESIGN AND PLAN IS COPYRIGHT AND IS NOT TO BE USED OR REPRODUCED WHOLLY OR IN PART OR TO BE USED ON ANY PROJECT WITHOUT THE WRITTEN PERMISSION OF YEATS CONSULTING PTY LTD DRAWING IS NOT TO BE SCALED SCALE - AT ORIGINAL SHEET SIZE A1 HORIZ 100 50 0 100 200 VERT 50 25 0 50 100 12500	 SUITE 4, SHOP 15A 45 DAWSON HIGHWAY GLADSTONE QLD 4680 T 07 4976 9667 F 07 5570 4977 info@yeats.com.au www.yeats.com.au	PROJECT GALILEE BASIN RAILWAY CONCEPTUAL DESIGN STAGE / PHASE FOR INFORMATION ONLY NOT FOR CONSTRUCTION	DRAWING NAME LONGITUDINAL SECTION CH 120,000 - 180,000 SHEET 07 OF 10 APPROVED DRG No. YBE0006-C1-427 REV A
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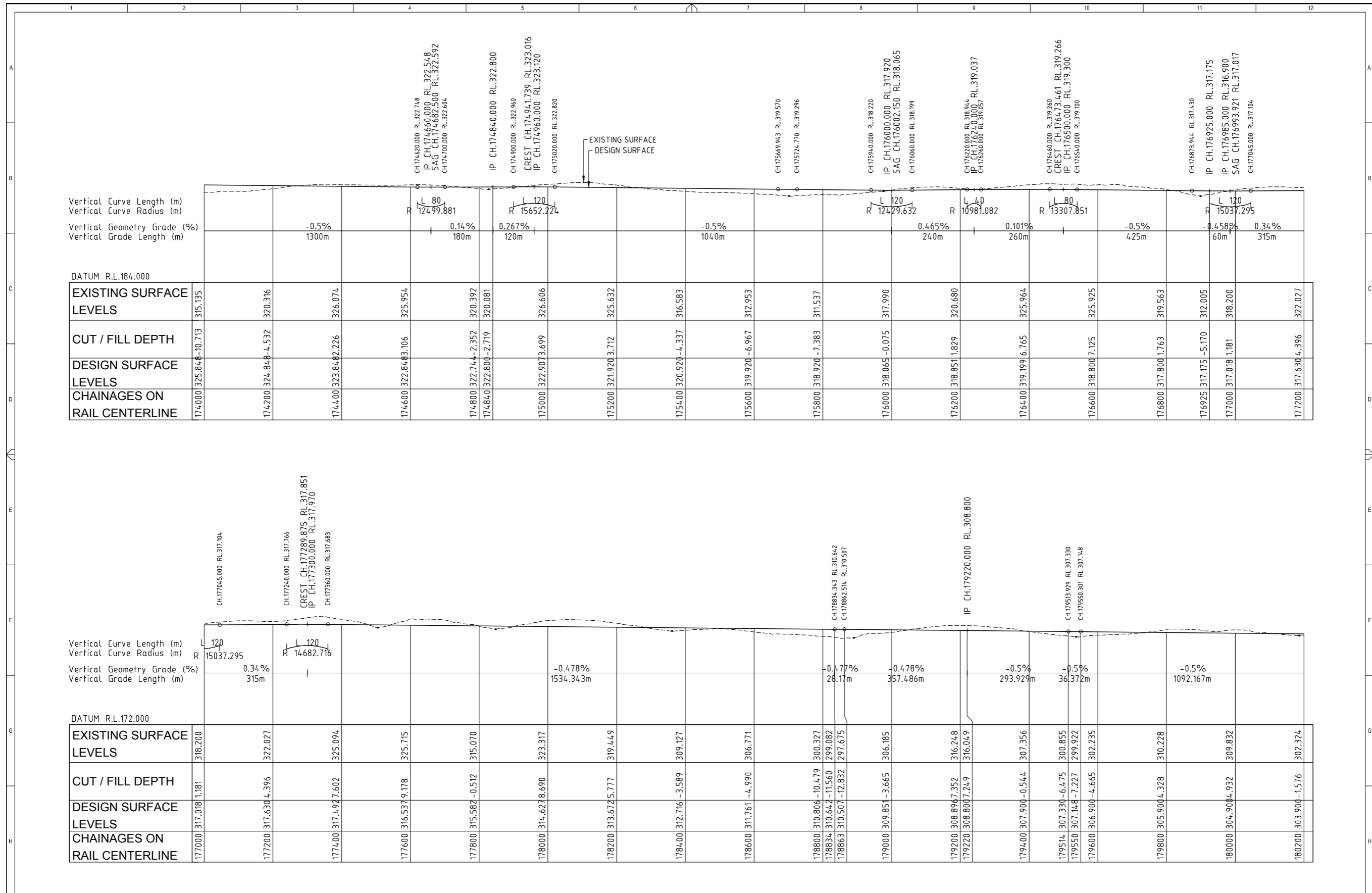


	THIS DESIGN AND PLAN IS COPYRIGHT AND IS NOT TO BE USED OR REPRODUCED WHOLLY OR IN PART OR TO BE USED ON ANY PROJECT WITHOUT THE WRITTEN PERMISSION OF YEATS CONSULTING PTY LTD DRAWING IS NOT TO BE SCALED				<p>1102</p> <p>SUITE 4, SHOP 15A 45 DAWSON HIGHWAY GLADSTONE QLD 4680 T 07 4976 9667 F 07 5570 4977 info@yeats.com.au www.yeats.com.au</p>	PROJECT GALILEE BASIN RAILWAY CONCEPTUAL DESIGN	DRAWING NAME LONGITUDINAL SECTION CH 120,000 - 180,000 SHEET 08 OF 10
	CLIENT A H.W. H.W. 05.07.12 ORIGINAL ISSUE REV DRAWN DESIGN DATE DESCRIPTION	SCALE - AT ORIGINAL SHEET SIZE A1 HORIZ 1:5000 VERT 1:2500	STAGE / PHASE FOR INFORMATION ONLY NOT FOR CONSTRUCTION	APPROVED DRG No. YBE0006-C1-428			



	CLIENT: [Blank]				THIS DESIGN AND PLAN IS COPYRIGHT AND IS NOT TO BE USED OR REPRODUCED WHOLLY OR IN PART OR TO BE USED ON ANY PROJECT WITHOUT THE WRITTEN PERMISSION OF YEATS CONSULTING PTY LTD DRAWING IS NOT TO BE SCALED SCALE - AT ORIGINAL SHEET SIZE A1 HORIZ 1:5000 VERT 1:2500		PROJECT	DRAWING NAME
	GALILEE BASIN RAILWAY CONCEPTUAL DESIGN						LONGITUDINAL SECTION CH 120,000 - 180,000 SHEET 09 OF 10	STAGE / PHASE FOR INFORMATION ONLY NOT FOR CONSTRUCTION

SUITE 4, SHOP 15A 45 DAWSON HIGHWAY GLADSTONE QLD 4680
T 07 4976 9687 F 07 5570 4977 info@yeats.com.au www.yeats.com.au



REV	DRAWN	DESIGN	DATE	DESCRIPTION
A	H.W.	H.W.	05.07.12	ORIGINAL ISSUE

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DRAWING IS NOT TO BE SCALED

SCALE - AT ORIGINAL SHEET SIZE A1

HORIZ 1:5000
VERT 1:12500



PROJECT
**GALILEE BASIN RAILWAY
CONCEPTUAL DESIGN**

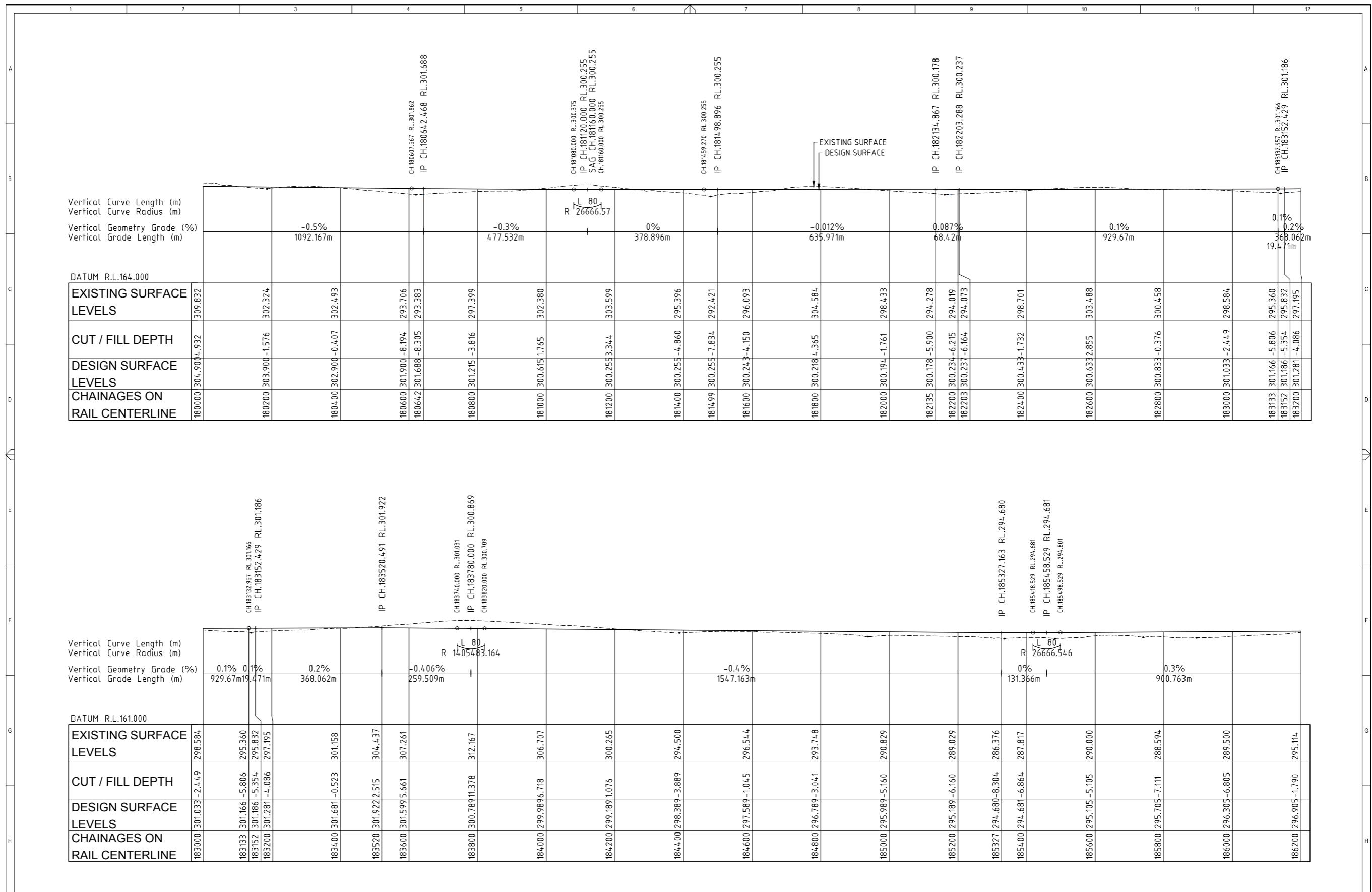
STAGE / PHASE
**FOR INFORMATION ONLY
NOT FOR CONSTRUCTION**

DRAWING NAME
**LONGITUDINAL SECTION
CH 120,000 - 180,000
SHEET 10 OF 10**

APPROVED

DRG No.
YBE0006-C1-430

REV
A



Vertical Curve Length (m)
Vertical Curve Radius (m)
Vertical Geometry Grade (%)
Vertical Grade Length (m)

DATUM R.L.164.000

EXISTING SURFACE LEVELS	CUT / FILL DEPTH	DESIGN SURFACE LEVELS	CHAINAGES ON RAIL CENTERLINE
309.832		304.904	180000
302.324	-1.576	303.900	180200
302.493	-0.407	302.900	180400
293.706	-8.194	301.900	180600
293.383	-8.305	301.688	180642
297.399	-3.816	301.215	180800
302.380	1.765	300.615	181000
303.599	3.344	300.253	181200
295.396	-4.860	300.255	181400
292.421	-7.834	300.255	181499
296.093	-4.150	300.243	181600
304.584	4.365	300.218	181800
298.433	-1.761	300.194	182000
294.278	-5.900	300.178	182135
294.019	-6.215	300.234	182200
294.073	-6.164	300.237	182203
298.701	-1.732	300.433	182400
303.488	2.855	300.633	182600
300.458	-0.376	300.833	182800
298.584	-2.449	301.033	183000
295.360	-5.806	301.166	183133
295.832	-5.354	301.186	183152
297.195	-4.086	301.281	183200

Vertical Curve Length (m)
Vertical Curve Radius (m)
Vertical Geometry Grade (%)
Vertical Grade Length (m)

DATUM R.L.161.000

EXISTING SURFACE LEVELS	CUT / FILL DEPTH	DESIGN SURFACE LEVELS	CHAINAGES ON RAIL CENTERLINE
298.584	-2.449	301.033	183000
295.360	-5.806	301.166	183133
295.832	-5.354	301.186	183152
297.195	-4.086	301.281	183200
301.158	-0.523	301.681	183400
304.437	2.515	301.922	183520
307.261	5.661	301.599	183600
312.167	11.378	300.789	183800
306.707	6.718	299.986	184000
300.265	1.076	299.189	184200
294.500	-3.889	298.389	184400
296.544	-1.045	297.589	184600
293.748	-3.041	296.789	184800
290.829	-5.160	295.989	185000
289.029	-6.160	295.189	185200
286.376	-8.304	294.689	185327
287.817	-6.864	294.681	185400
290.000	-5.105	295.105	185600
288.594	-7.111	295.705	185800
289.500	-6.805	296.305	186000
295.114	-1.790	296.905	186200

CLIENT

REV	DRAWN	DESIGN	DATE	DESCRIPTION
A	H.W.	H.W.	05.07.12	ORIGINAL ISSUE

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DRAWING IS NOT TO BE SCALED

SCALE - AT ORIGINAL SHEET SIZE A1

HORIZ 1:5000
VERT 1:2500

SUITE 4, SHOP 15A 45 DAWSON HIGHWAY GLADSTONE QLD 4680
T 07 4976 9667 F 07 5570 4977 info@yeats.com.au www.yeats.com.au

PROJECT
GALILEE BASIN RAILWAY
CONCEPTUAL DESIGN

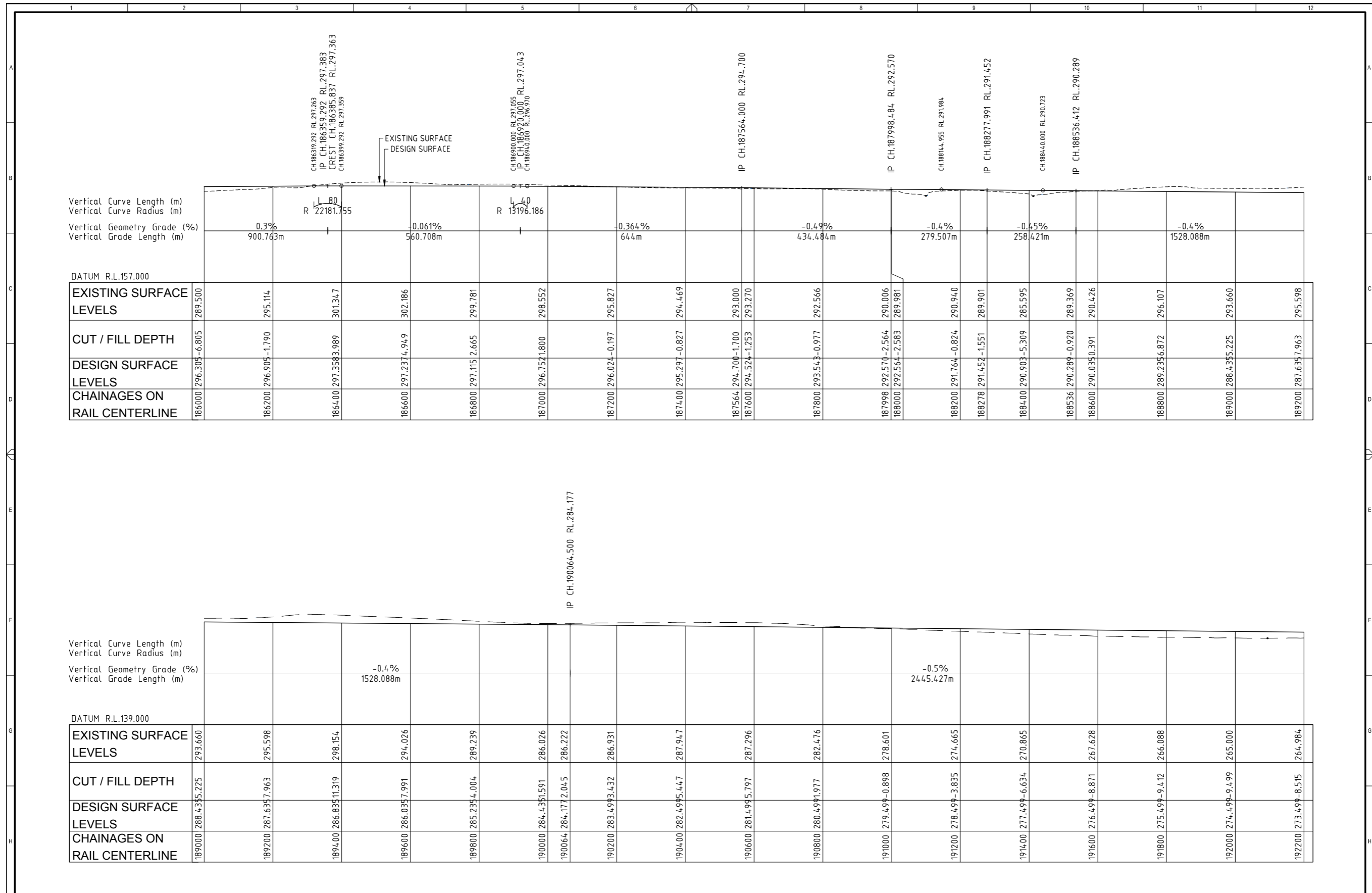
STAGE / PHASE
FOR INFORMATION ONLY
NOT FOR CONSTRUCTION

DRAWING NAME
LONGITUDINAL SECTION
CH 180,000 - 240,000
SHEET 01 OF 10

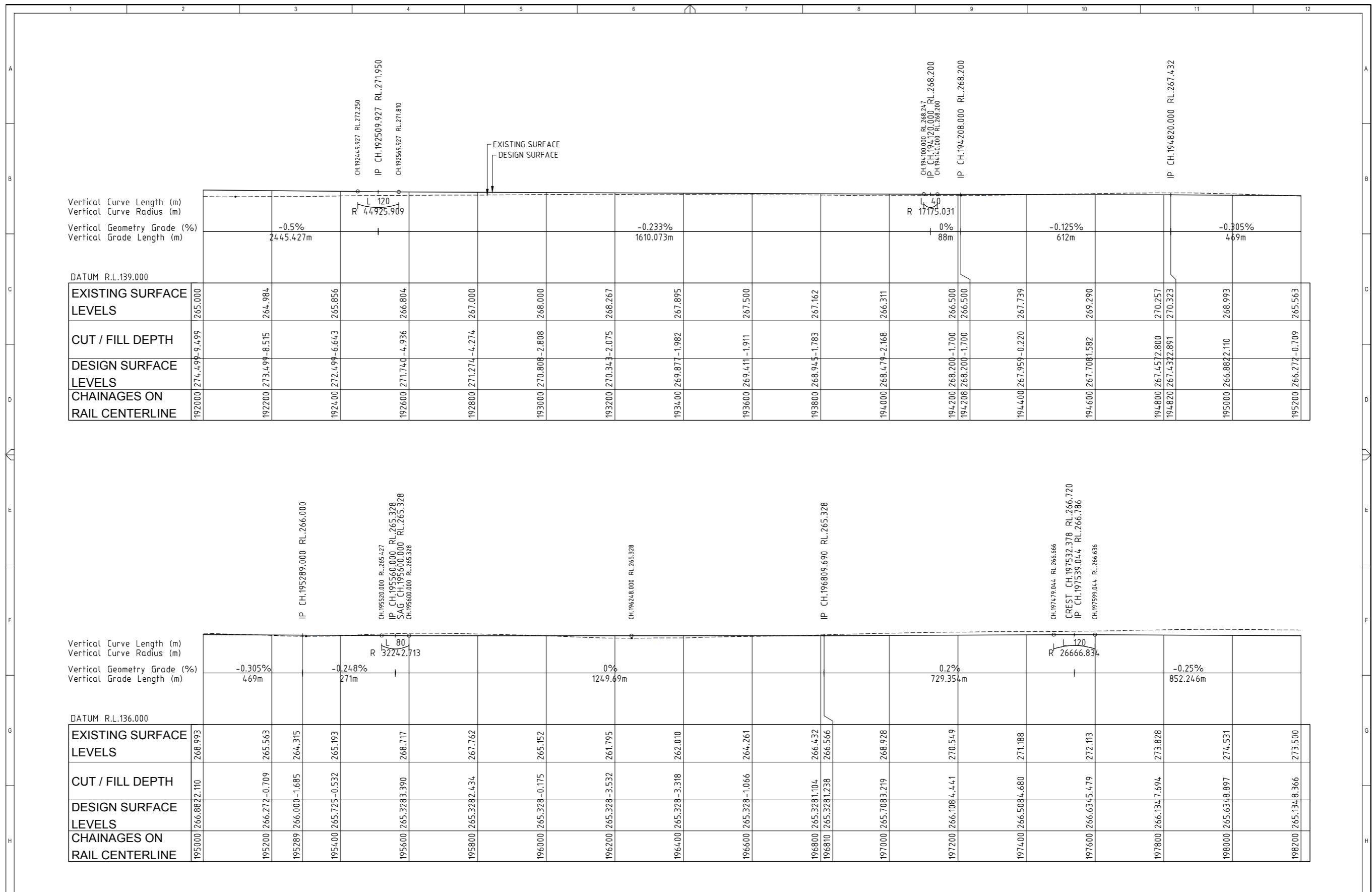
APPROVED

DRG No.
YBE0006-C1-431

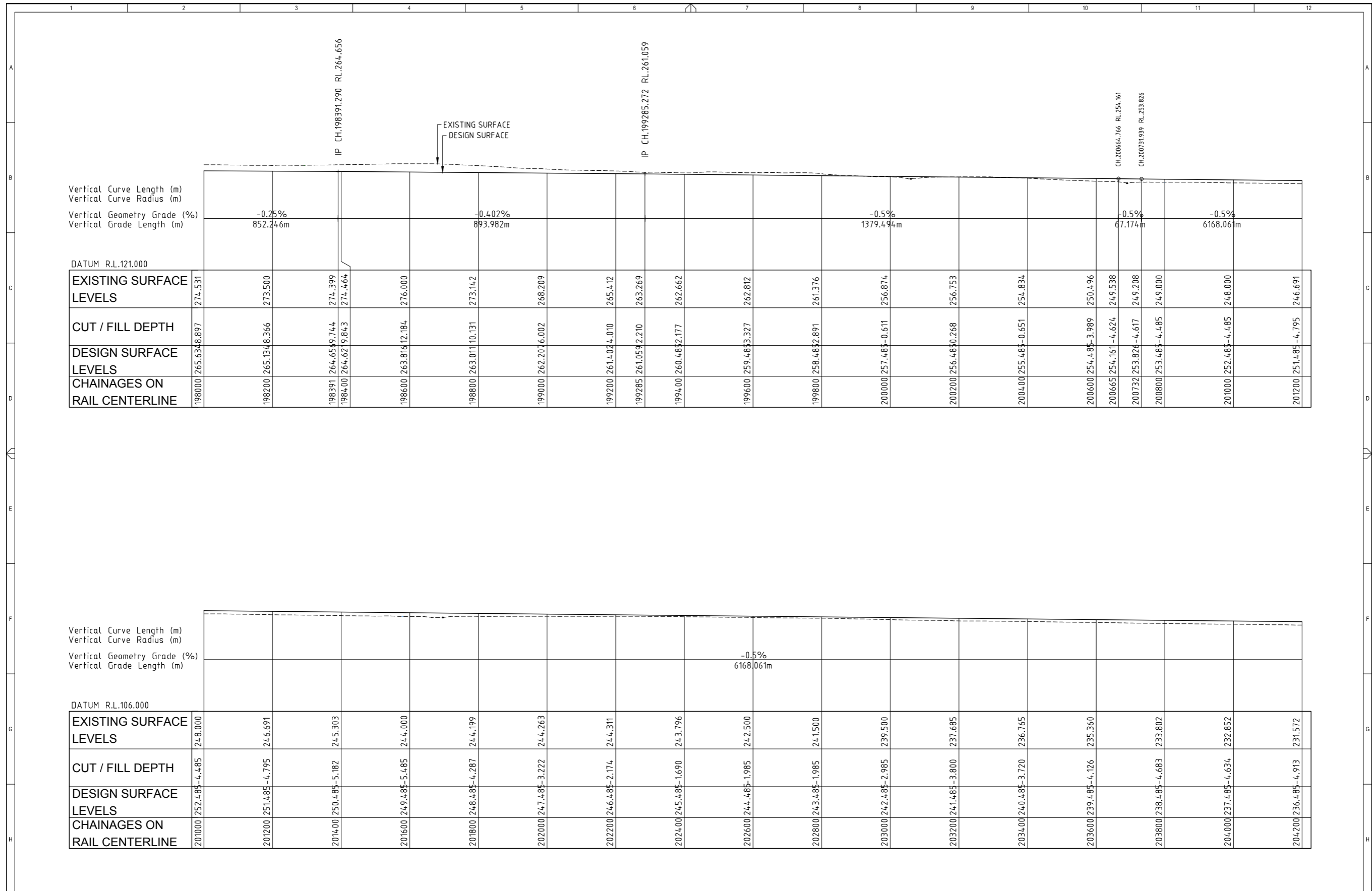
REV
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	SCALE - AT ORIGINAL SHEET SIZE A1 HORIZ 1:100 VERT 1:2500	STAGE / PHASE FOR INFORMATION ONLY NOT FOR CONSTRUCTION	APPROVED	DRG No. YBE0006-C1-432		REV A	



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	GALILEE BASIN RAILWAY CONCEPTUAL DESIGN						LONGITUDINAL SECTION CH 180,000 - 240,000 SHEET 03 OF 10	
	STAGE / PHASE FOR INFORMATION ONLY NOT FOR CONSTRUCTION						APPROVED	DRG No. YBE0006-C1-433
							REV	A



REV	H.W.	H.W.	DATE	DESCRIPTION
A	H.W.	H.W.	05.07.12	ORIGINAL ISSUE

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DRAWING IS NOT TO BE SCALED

SCALE - AT ORIGINAL SHEET SIZE A1

HORIZ 1:5000
VERT 1:2500



PROJECT
GALILEE BASIN RAILWAY
CONCEPTUAL DESIGN

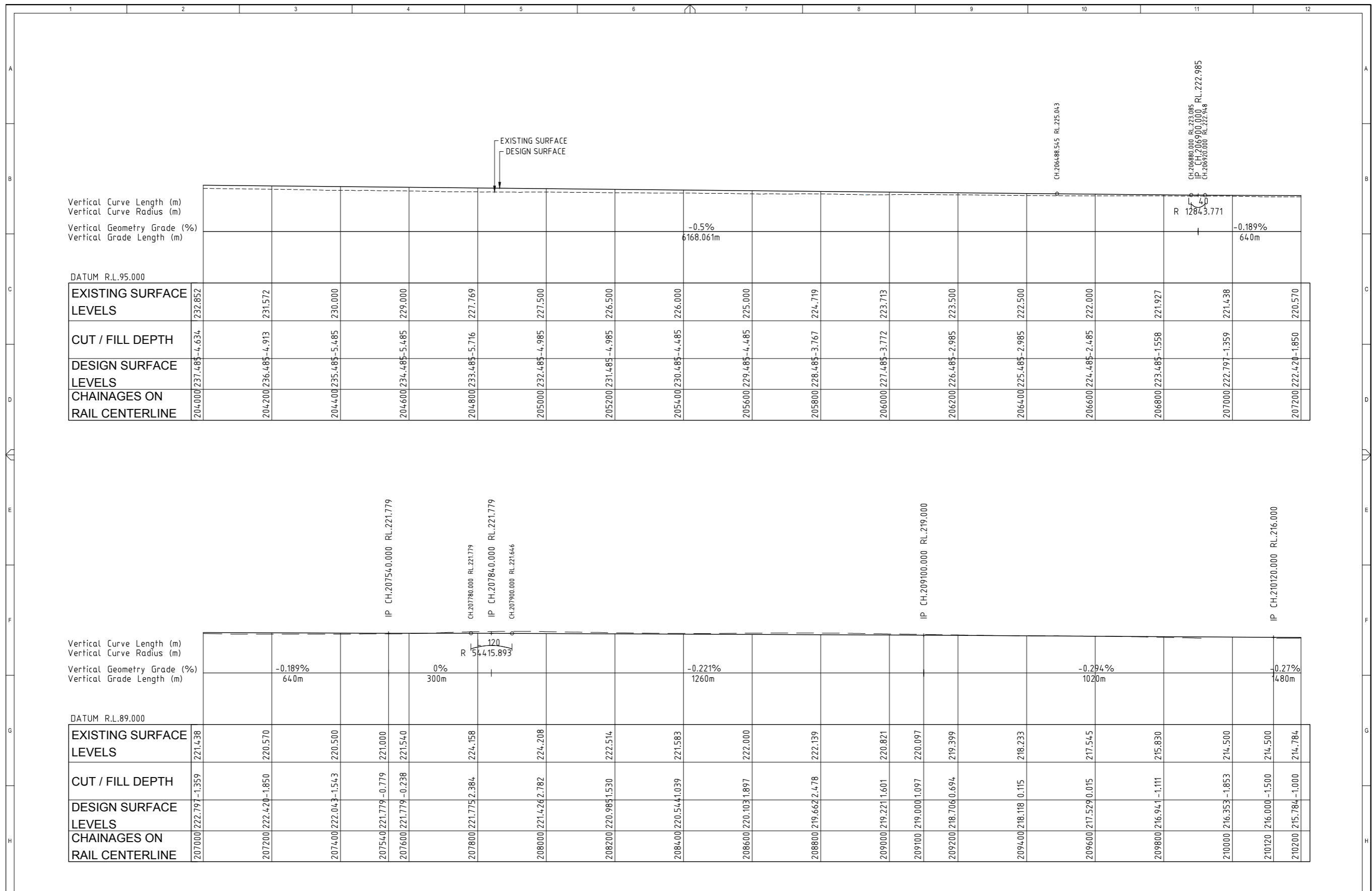
STAGE / PHASE
FOR INFORMATION ONLY
NOT FOR CONSTRUCTION

DRAWING NAME
LONGITUDINAL SECTION
CH 180,000 - 240,000
SHEET 04 OF 10

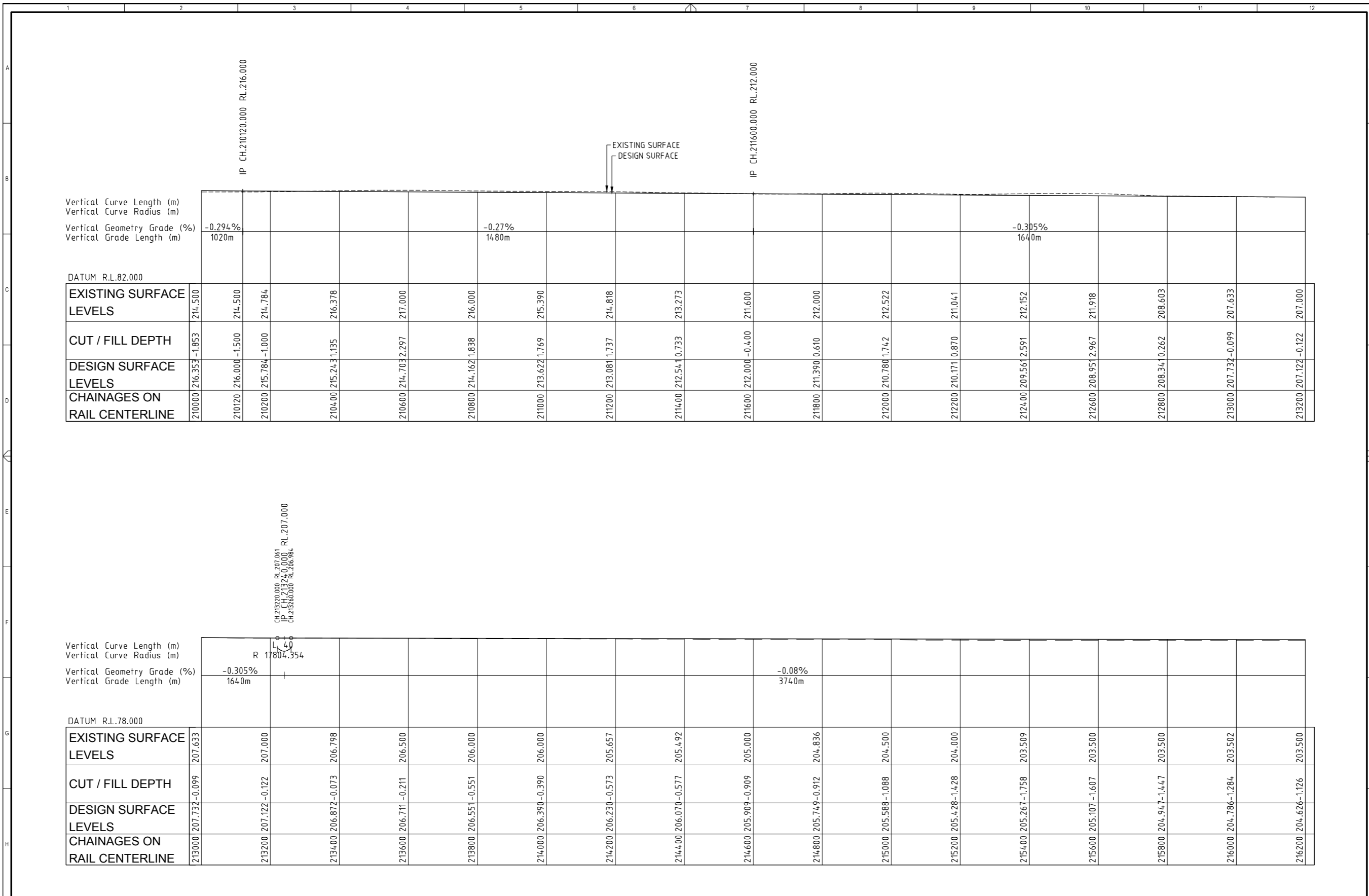
APPROVED

DRG No.
YBE0006-C1-434

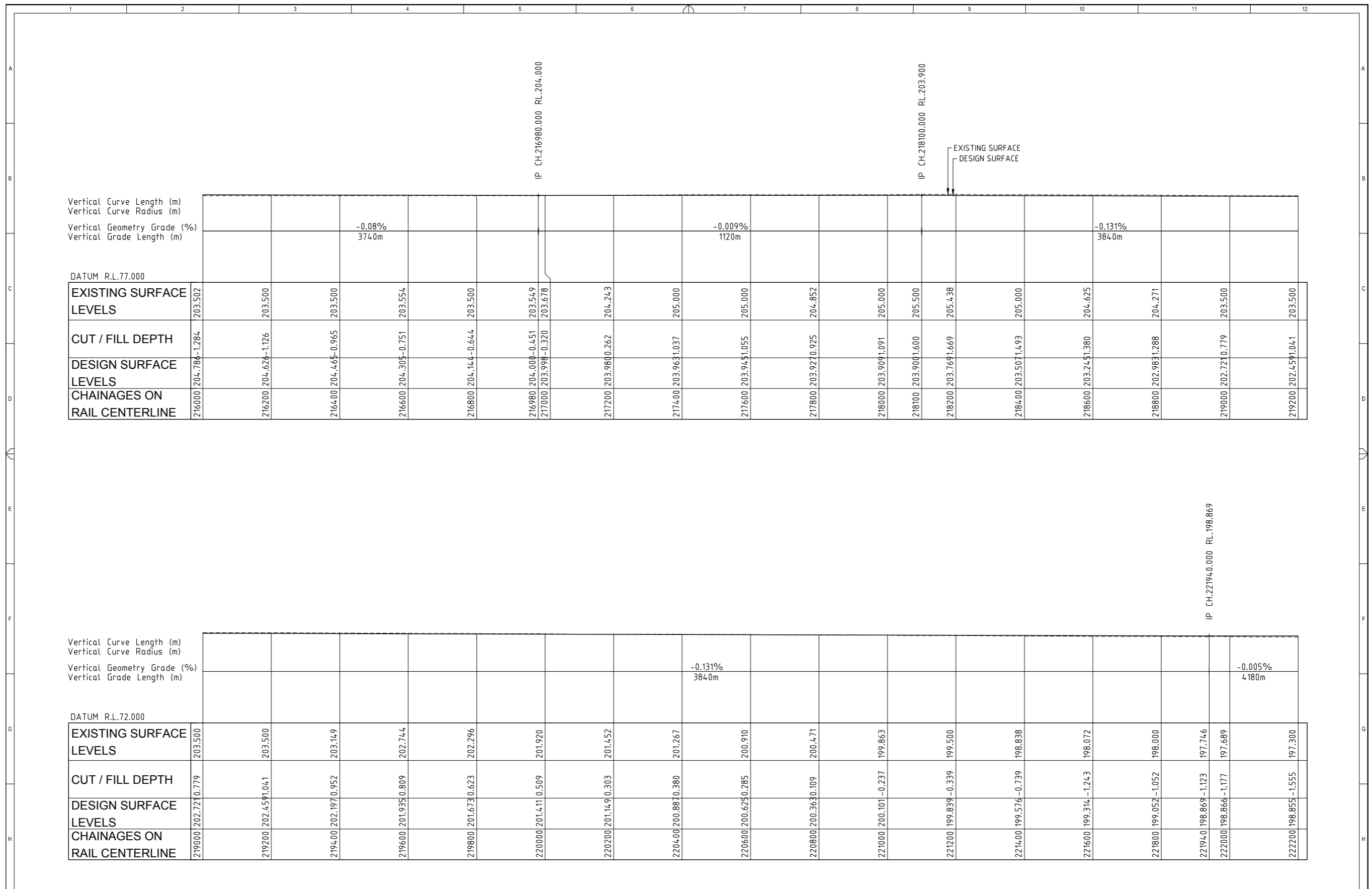
REV
A



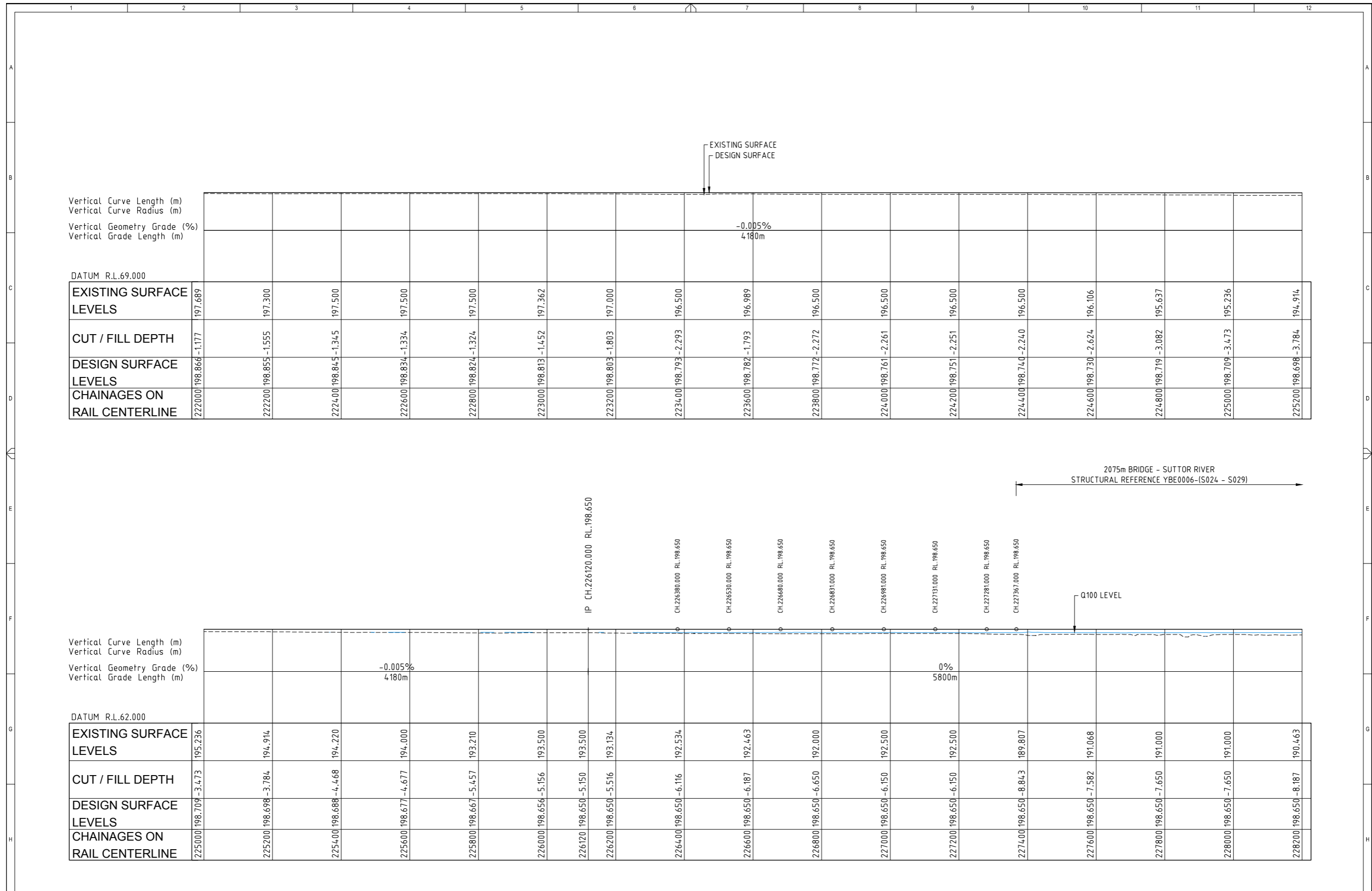
		<p>THIS DESIGN AND PLAN IS COPYRIGHT AND IS NOT TO BE USED OR REPRODUCED WHOLLY OR IN PART OR TO BE USED ON ANY PROJECT WITHOUT THE WRITTEN PERMISSION OF YEATS CONSULTING PTY LTD</p> <p>SCALE - AT ORIGINAL SHEET SIZE A1</p> <p>HORIZ 1:5000 VERT 1:2500</p>		<p>SUITE 4, SHOP 15A 45 DAWSON HIGHWAY GLADSTONE QLD 4680 T 07 4976 9667 F 07 5570 4977 info@yeats.com.au www.yeats.com.au</p>		<p>PROJECT: GALILEE BASIN RAILWAY CONCEPTUAL DESIGN</p> <p>STAGE / PHASE: FOR INFORMATION ONLY NOT FOR CONSTRUCTION</p>		<p>DRAWING NAME: LONGITUDINAL SECTION CH 180,000 - 240,000 SHEET 05 OF 10</p> <p>APPROVED: [Signature]</p> <p>DRG No: YBE0006-C1-435</p>	
CLIENT		DATE	05.07.12	DESCRIPTION	ORIGINAL ISSUE	REV		REV	A



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	CLIENT A H.W. H.W. 05.07.12 ORIGINAL ISSUE REV DRAWN DESIGN DATE DESCRIPTION	SCALE - AT ORIGINAL SHEET SIZE A1 HORIZ 1:100 VERT 1:250	STAGE / PHASE FOR INFORMATION ONLY NOT FOR CONSTRUCTION	APPROVED DRG No. YBE0006-C1-436		REV A		



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	SCALE - AT ORIGINAL SHEET SIZE A1 HORIZ 100 50 0 100 200 15000 50 25 0 50 100 VERT 1:2500									



Vertical Curve Length (m)
Vertical Curve Radius (m)
Vertical Geometry Grade (%)
Vertical Grade Length (m)

DATUM R.L.69.000

EXISTING SURFACE LEVELS	197.689	197.300	197.500	197.500	197.500	197.362	197.000	196.500	196.989	196.500	196.500	196.500	196.500	196.500	196.106	195.637	195.236	194.914
CUT / FILL DEPTH	-1.177	-1.555	-1.345	-1.334	-1.324	-1.452	-1.803	-2.293	-1.793	-2.272	-2.261	-2.251	-2.240	-2.624	-3.082	-3.473	-3.784	-3.784
DESIGN SURFACE LEVELS	198.866	198.855	198.845	198.834	198.824	198.813	198.803	198.793	198.782	198.772	198.761	198.751	198.740	198.730	198.719	198.709	198.698	198.688
CHAINAGES ON RAIL CENTERLINE	222000	222200	222400	222600	222800	223000	223200	223400	223600	223800	224000	224200	224400	224600	224800	225000	225200	225200

Vertical Curve Length (m)
Vertical Curve Radius (m)
Vertical Geometry Grade (%)
Vertical Grade Length (m)

DATUM R.L.62.000

EXISTING SURFACE LEVELS	195.236	194.914	194.220	194.000	193.210	193.500	193.500	193.134	192.534	192.463	192.000	192.500	192.500	189.807	191.068	191.000	191.000	190.463
CUT / FILL DEPTH	-3.473	-3.784	-4.468	-4.677	-5.457	-5.156	-5.150	-5.516	-6.116	-6.187	-6.650	-6.150	-6.150	-8.843	-7.582	-7.650	-7.650	-8.187
DESIGN SURFACE LEVELS	198.709	198.698	198.688	198.677	198.667	198.656	198.650	198.650	198.650	198.650	198.650	198.650	198.650	198.650	198.650	198.650	198.650	198.650
CHAINAGES ON RAIL CENTERLINE	225000	225200	225400	225600	225800	226000	226120	226200	226400	226600	226800	227000	227200	227400	227600	227800	228000	228200



CLIENT				
REV	H.W.	H.W.	05.07.12	ORIGINAL ISSUE
	DRAWN	DESIGN	DATE	DESCRIPTION

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DRAWING IS NOT TO BE SCALED

SCALE - AT ORIGINAL SHEET SIZE A1

HORIZ 1:5000

VERT 1:2500

1102

SUITE 4, SHOP 15A 45 DAWSON HIGHWAY GLADSTONE QLD 4680
T 07 4976 9667 F 07 5570 4977 info@yeats.com.au www.yeats.com.au

PROJECT
GALILEE BASIN RAILWAY
CONCEPTUAL DESIGN

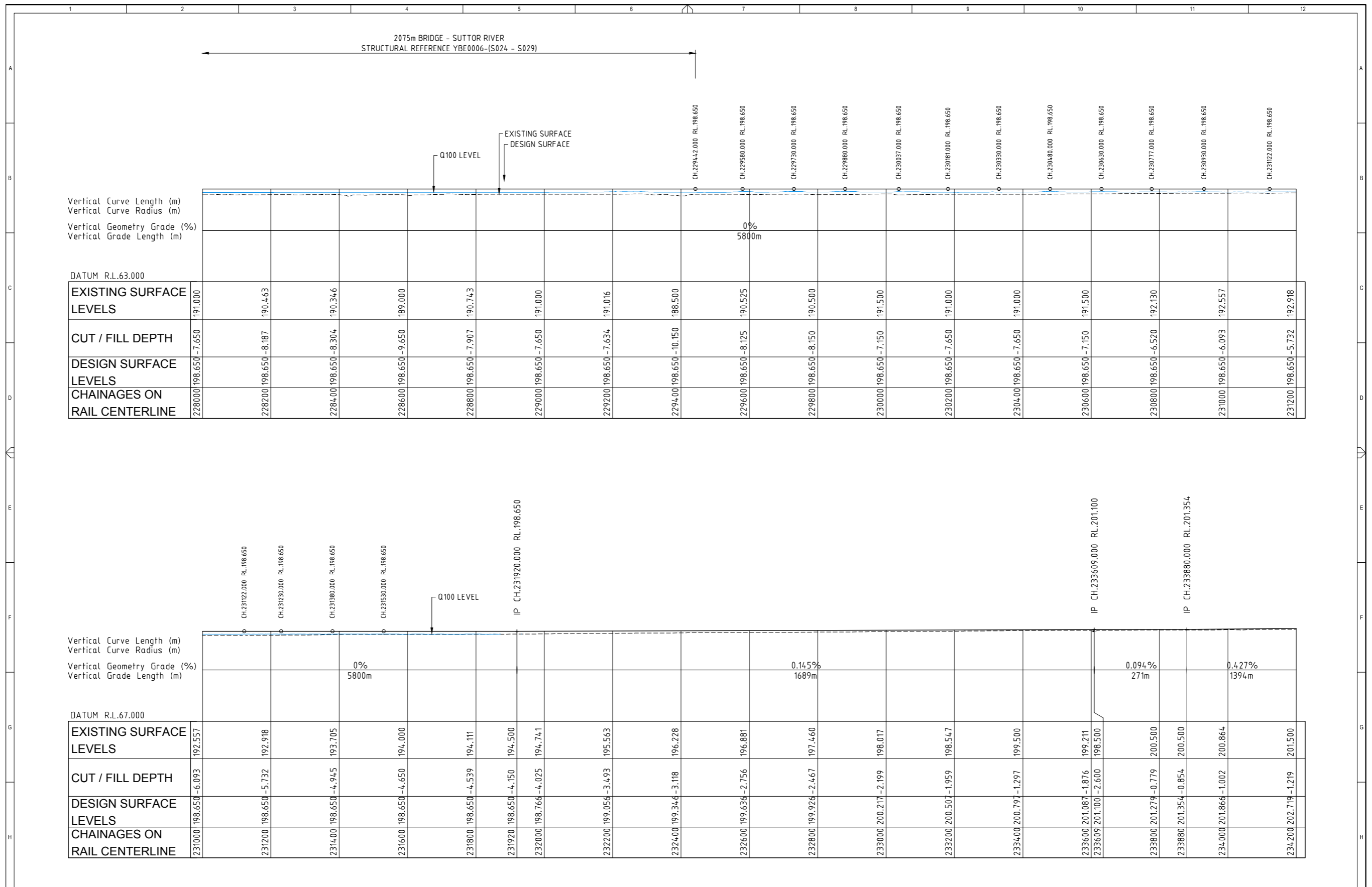
STAGE / PHASE
FOR INFORMATION ONLY
NOT FOR CONSTRUCTION

DRAWING NAME
LONGITUDINAL SECTION
CH 180,000 - 240,000
SHEET 08 OF 10

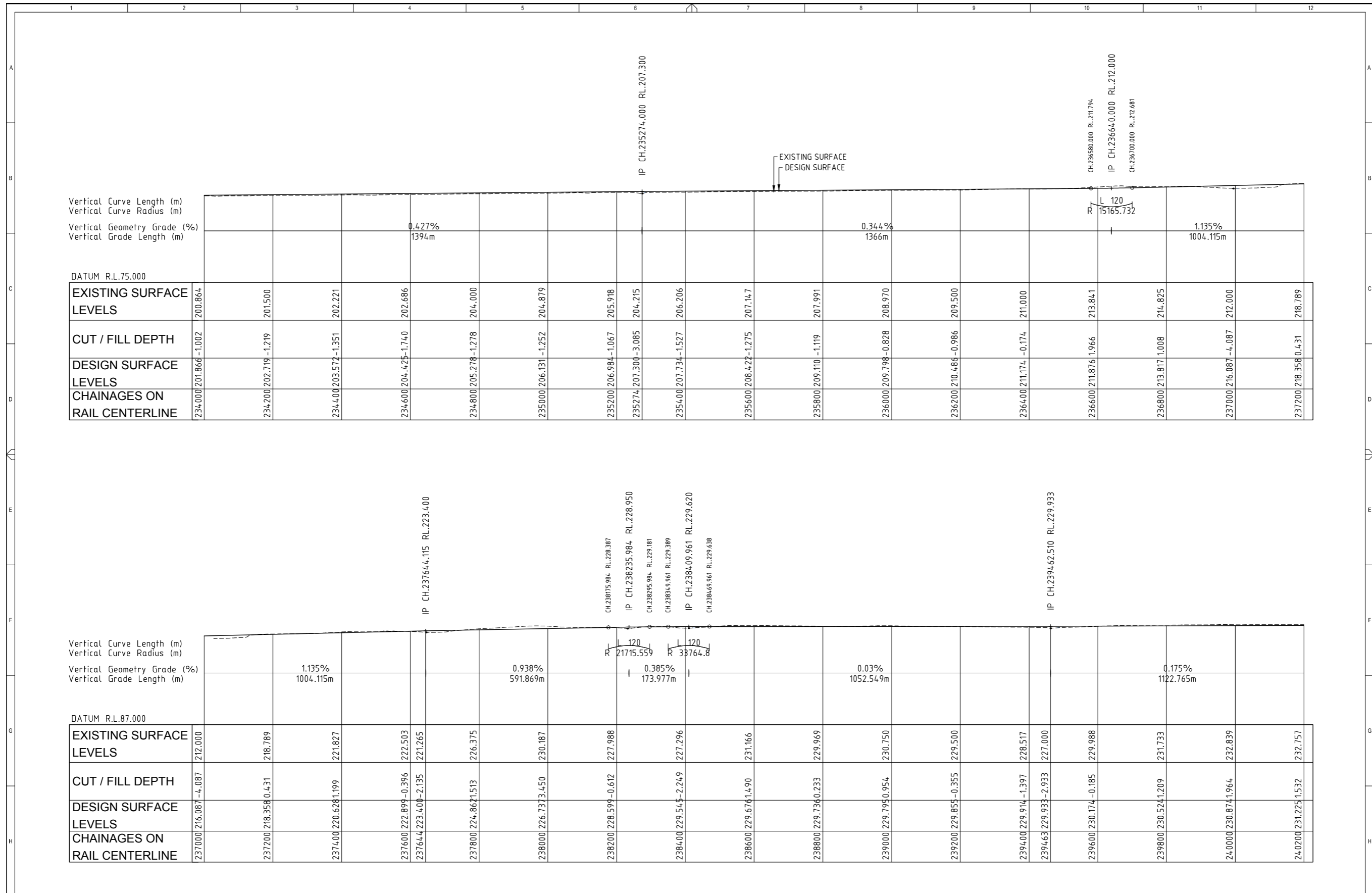
APPROVED

DRG No.
YBE0006-C1-438

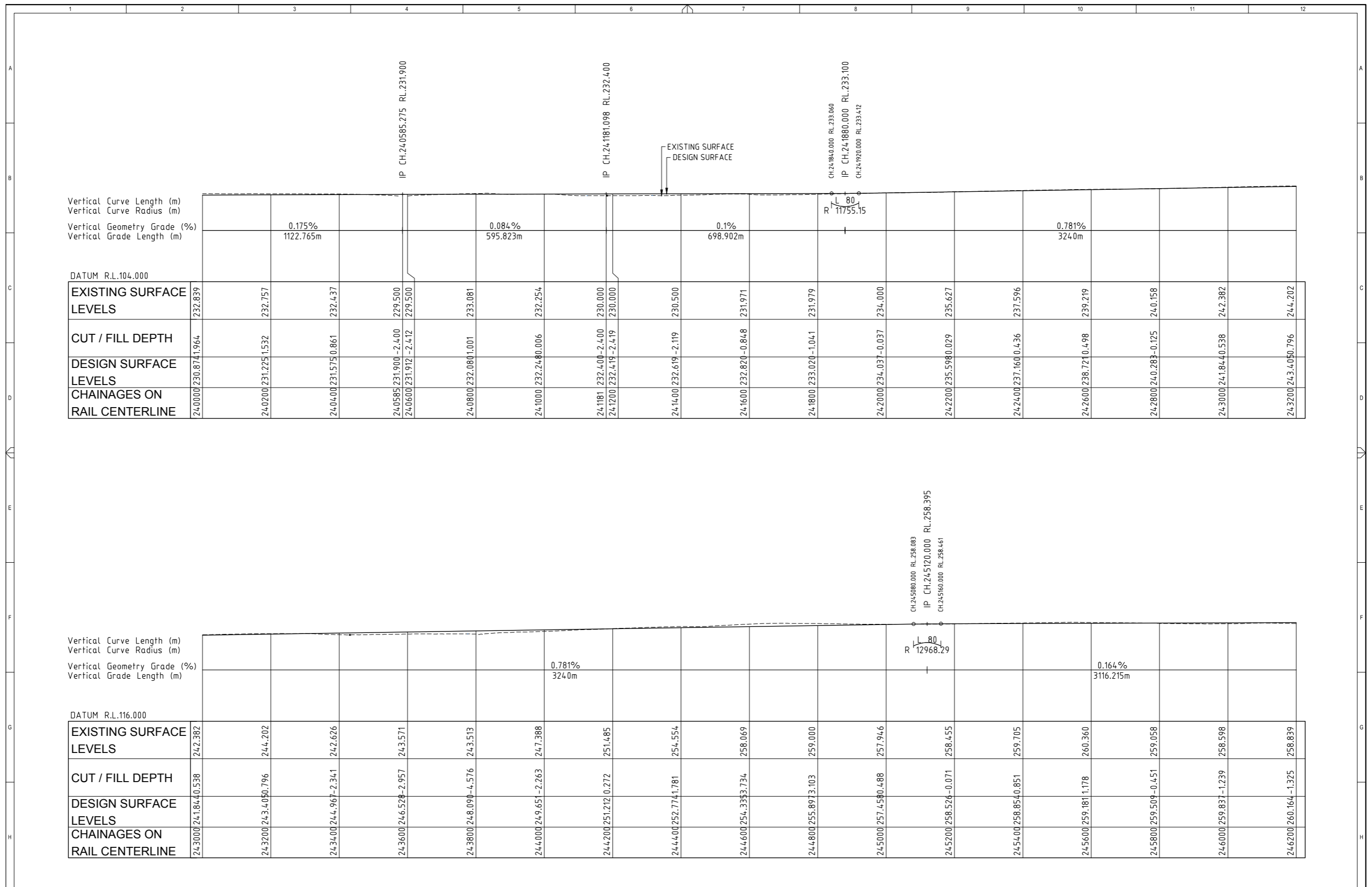
REV
A



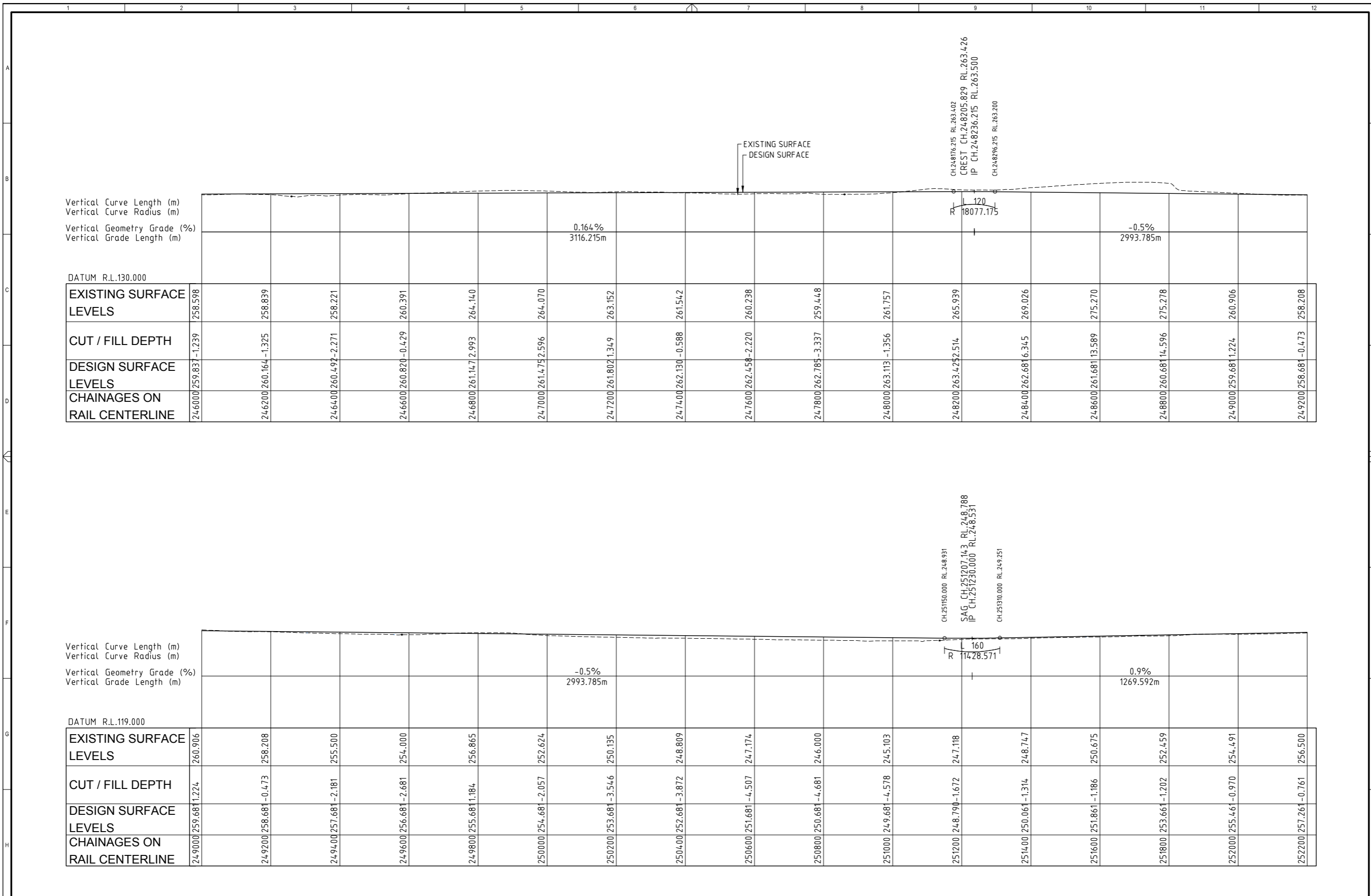
		<p>THIS DESIGN AND PLAN IS COPYRIGHT AND IS NOT TO BE USED OR REPRODUCED WHOLLY OR IN PART OR TO BE USED ON ANY PROJECT WITHOUT THE WRITTEN PERMISSION OF YEATS CONSULTING PTY LTD</p> <p>SCALE - AT ORIGINAL SHEET SIZE A1</p> <p>HORIZ 100 50 0 100 200 15000</p> <p>VERT 50 25 0 50 100 12500</p>		<p>SUITE 4, SHOP 15A 45 DAWSON HIGHWAY GLADSTONE QLD 4680 T 07 4976 9667 F 07 5570 4977 info@yeats.com.au www.yeats.com.au</p>		<p>PROJECT GALILEE BASIN RAILWAY CONCEPTUAL DESIGN</p> <p>STAGE / PHASE FOR INFORMATION ONLY NOT FOR CONSTRUCTION</p>		<p>DRAWING NAME LONGITUDINAL SECTION CH 180,000 - 240,000 SHEET 09 OF 10</p> <p>APPROVED</p> <p>DRG No. YBE0006-C1-439</p> <p>REV A</p>	
CLIENT									
A	H.W.	H.W.	05.07.12	ORIGINAL ISSUE					
REV	DRAWN	DESIGN	DATE	DESCRIPTION					



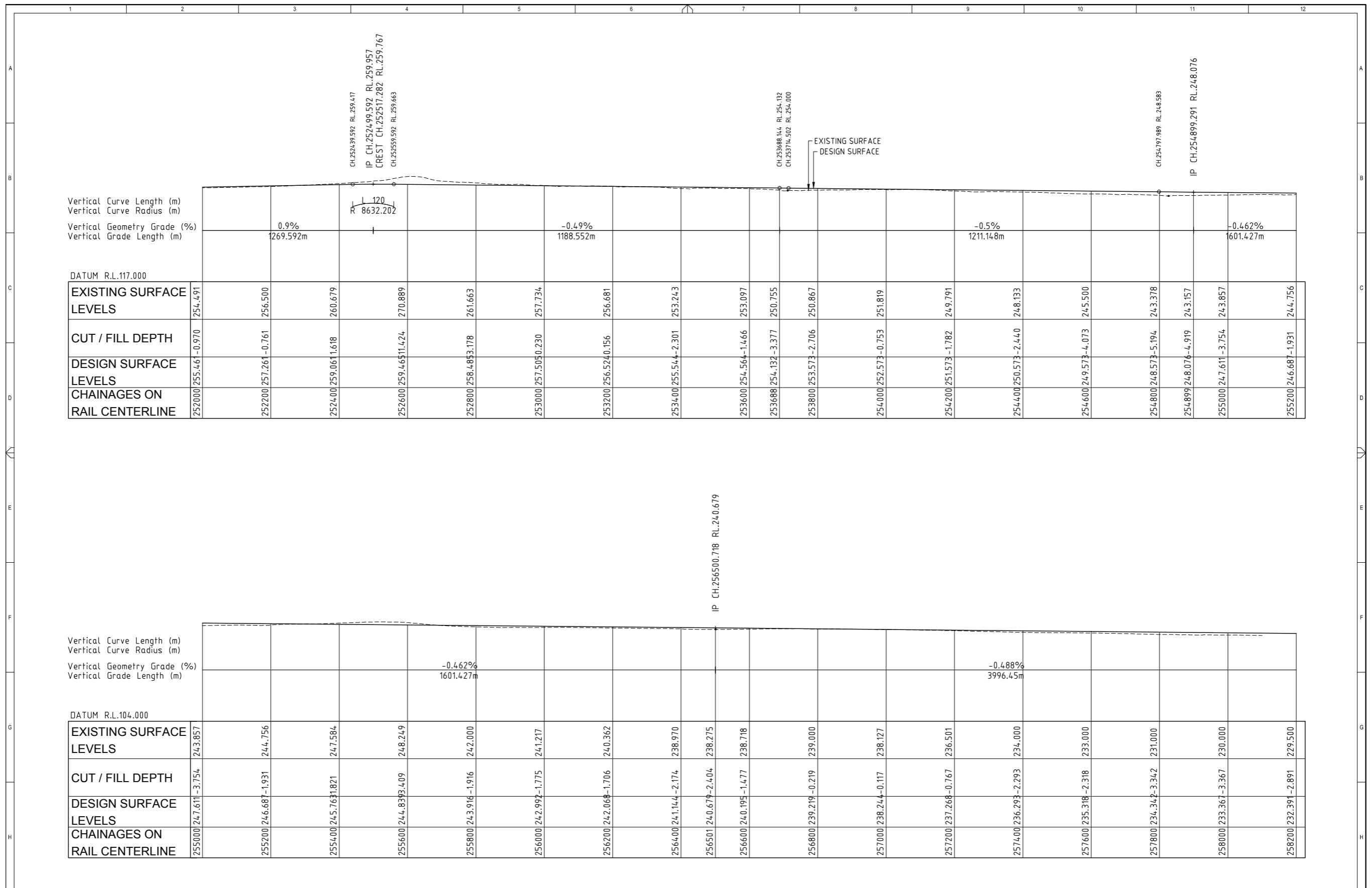
	THIS DESIGN AND PLAN IS COPYRIGHT AND IS NOT TO BE USED OR REPRODUCED WHOLLY OR IN PART OR TO BE USED ON ANY PROJECT WITHOUT THE WRITTEN PERMISSION OF YEATS CONSULTING PTY LTD DRAWING IS NOT TO BE SCALED					PROJECT GALILEE BASIN RAILWAY CONCEPTUAL DESIGN	DRAWING NAME LONGITUDINAL SECTION CH 180,000 - 240,000 SHEET 10 OF 10
	CLIENT A H.W. H.W. 05.07.12 ORIGINAL ISSUE REV DRAWN DESIGN DATE DESCRIPTION	SCALE - AT ORIGINAL SHEET SIZE A1 HORIZ 1:5000 VERT 1:2500	STAGE / PHASE FOR INFORMATION ONLY NOT FOR CONSTRUCTION	APPROVED DRG No. YBE0006-C1-440 REV A			



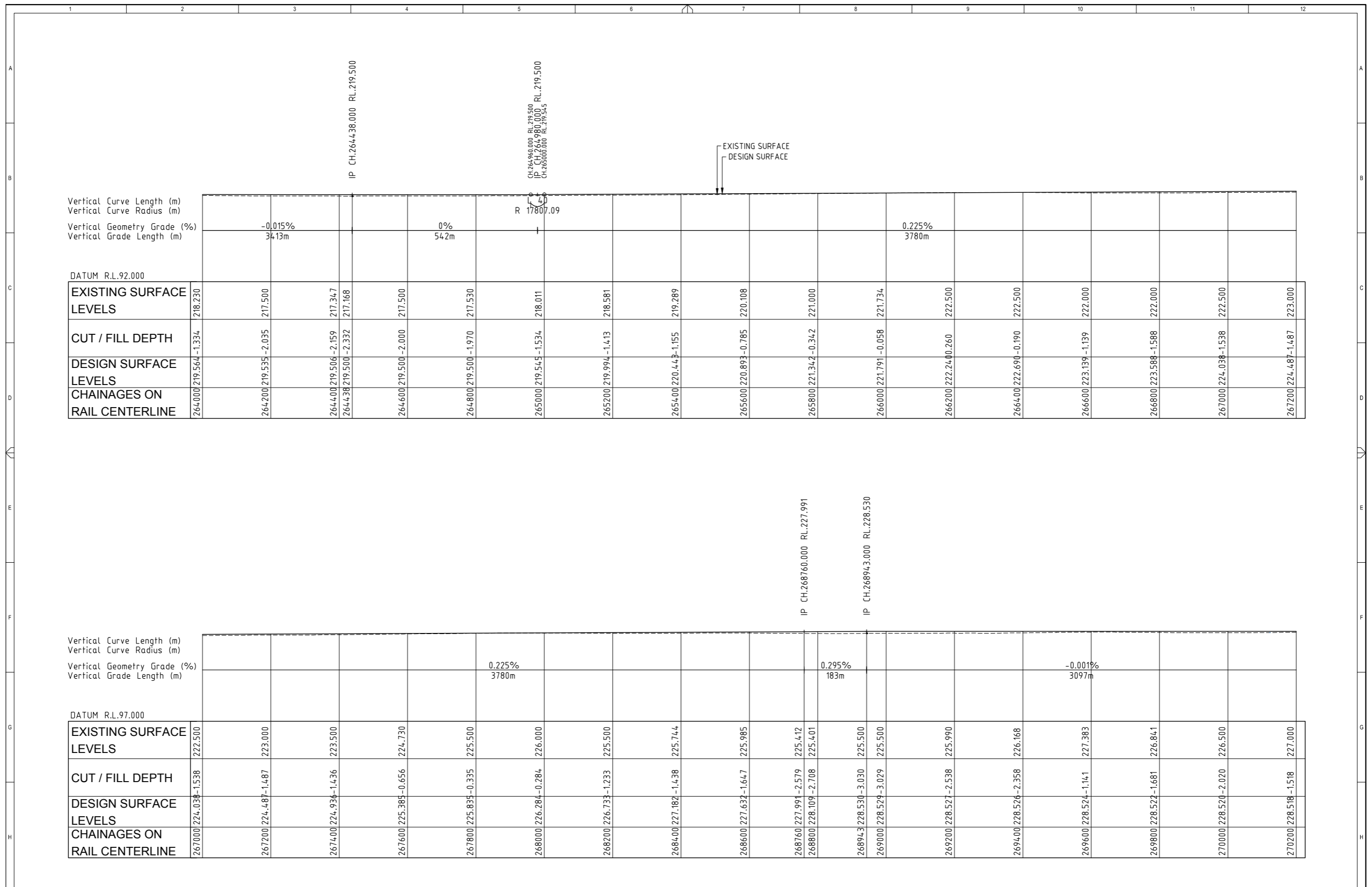
		<p>THIS DESIGN AND PLAN IS COPYRIGHT AND IS NOT TO BE USED OR REPRODUCED WHOLLY OR IN PART OR TO BE USED ON ANY PROJECT WITHOUT THE WRITTEN PERMISSION OF YEATS CONSULTING PTY LTD</p> <p>DRAWING IS NOT TO BE SCALED</p> <p>SCALE - AT ORIGINAL SHEET SIZE A1</p> <p>HORIZ 1:5000</p> <p>VERT 1:2500</p>		<p>SUITE 4, SHOP 15A 45 DAWSON HIGHWAY GLADSTONE QLD 4680 T 07 4976 9667 F 07 5570 4977 info@yeats.com.au www.yeats.com.au</p>		<p>PROJECT GALILEE BASIN RAILWAY CONCEPTUAL DESIGN</p> <p>DRAWING NAME LONGITUDINAL SECTION CH 240,000 - 300,000 SHEET 01 OF 10</p>	
<p>CLIENT</p>		<p>DATE: 05.07.12</p> <p>DESCRIPTION: ORIGINAL ISSUE</p>		<p>STAGE / PHASE FOR INFORMATION ONLY NOT FOR CONSTRUCTION</p>		<p>APPROVED</p> <p>DRG No. YBE0006-C1-441</p> <p>REV A</p>	



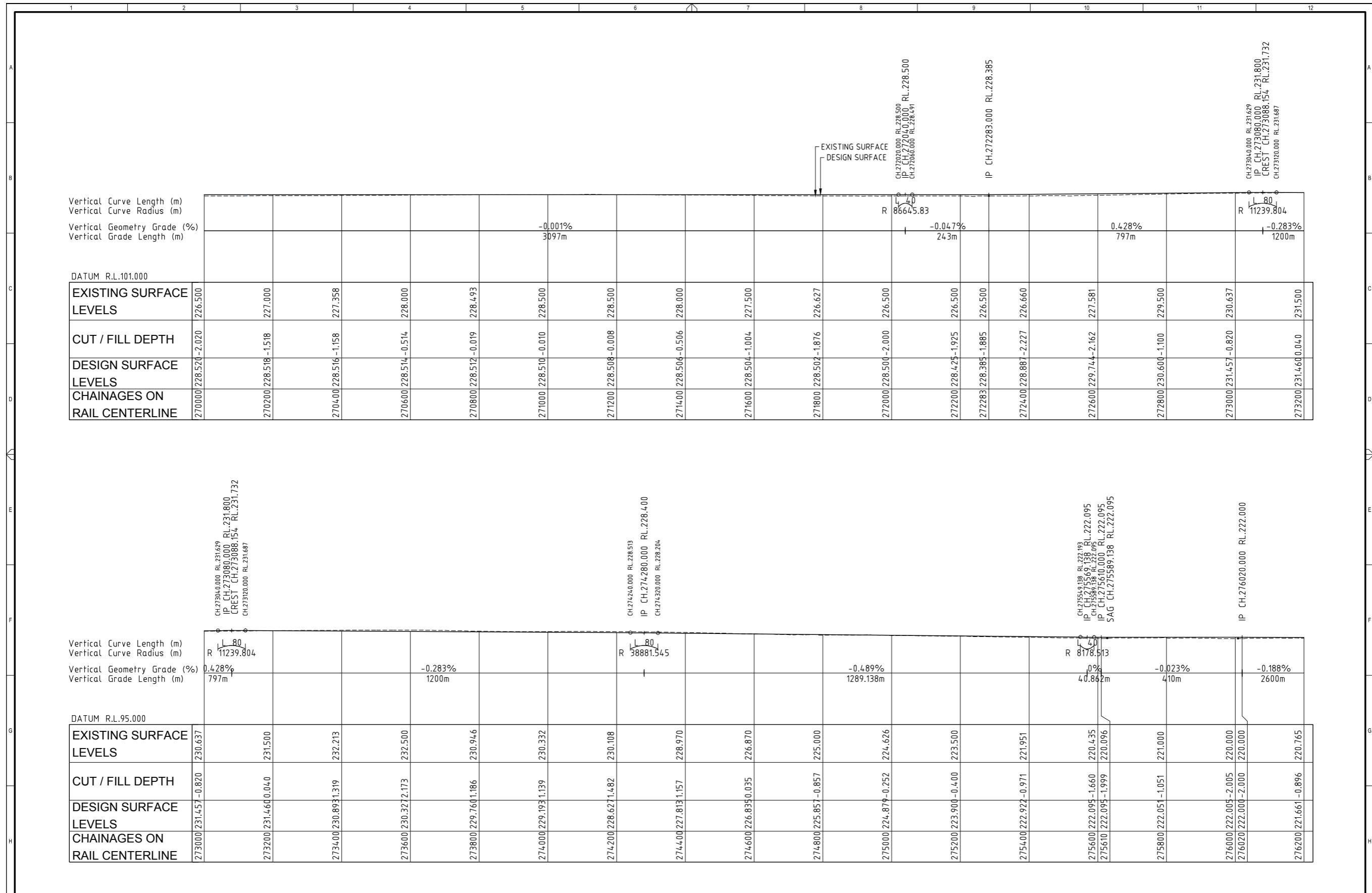
				<p>THIS DESIGN AND PLAN IS COPYRIGHT AND IS NOT TO BE USED OR REPRODUCED WHOLLY OR IN PART OR TO BE USED ON ANY PROJECT WITHOUT THE WRITTEN PERMISSION OF YEATS CONSULTING PTY LTD</p> <p>DRAWING IS NOT TO BE SCALED</p> <p>SCALE - AT ORIGINAL SHEET SIZE A1 HORIZ 1:5000 VERT 1:12500</p>				 SUITE 4, SHOP 15A 45 DAWSON HIGHWAY GLADSTONE QLD 4680 T 07 4976 9667 F 07 5570 4977 info@yeats.com.au www.yeats.com.au				PROJECT GALILEE BASIN RAILWAY CONCEPTUAL DESIGN				DRAWING NAME LONGITUDINAL SECTION CH 240,000 - 300,000 SHEET 02 OF 10			
CLIENT WARATAH COAL				THIS DESIGN AND PLAN IS COPYRIGHT AND IS NOT TO BE USED OR REPRODUCED WHOLLY OR IN PART OR TO BE USED ON ANY PROJECT WITHOUT THE WRITTEN PERMISSION OF YEATS CONSULTING PTY LTD				PROJECT GALILEE BASIN RAILWAY CONCEPTUAL DESIGN				DRAWING NAME LONGITUDINAL SECTION CH 240,000 - 300,000 SHEET 02 OF 10							
DATE: 05.07.12 ORIGINAL ISSUE				SCALE: AT ORIGINAL SHEET SIZE A1 HORIZ: 1:5000 VERT: 1:12500				STAGE / PHASE FOR INFORMATION ONLY NOT FOR CONSTRUCTION				APPROVED: [Signature] DRG No: YBE0006-C1-442 REV: A							



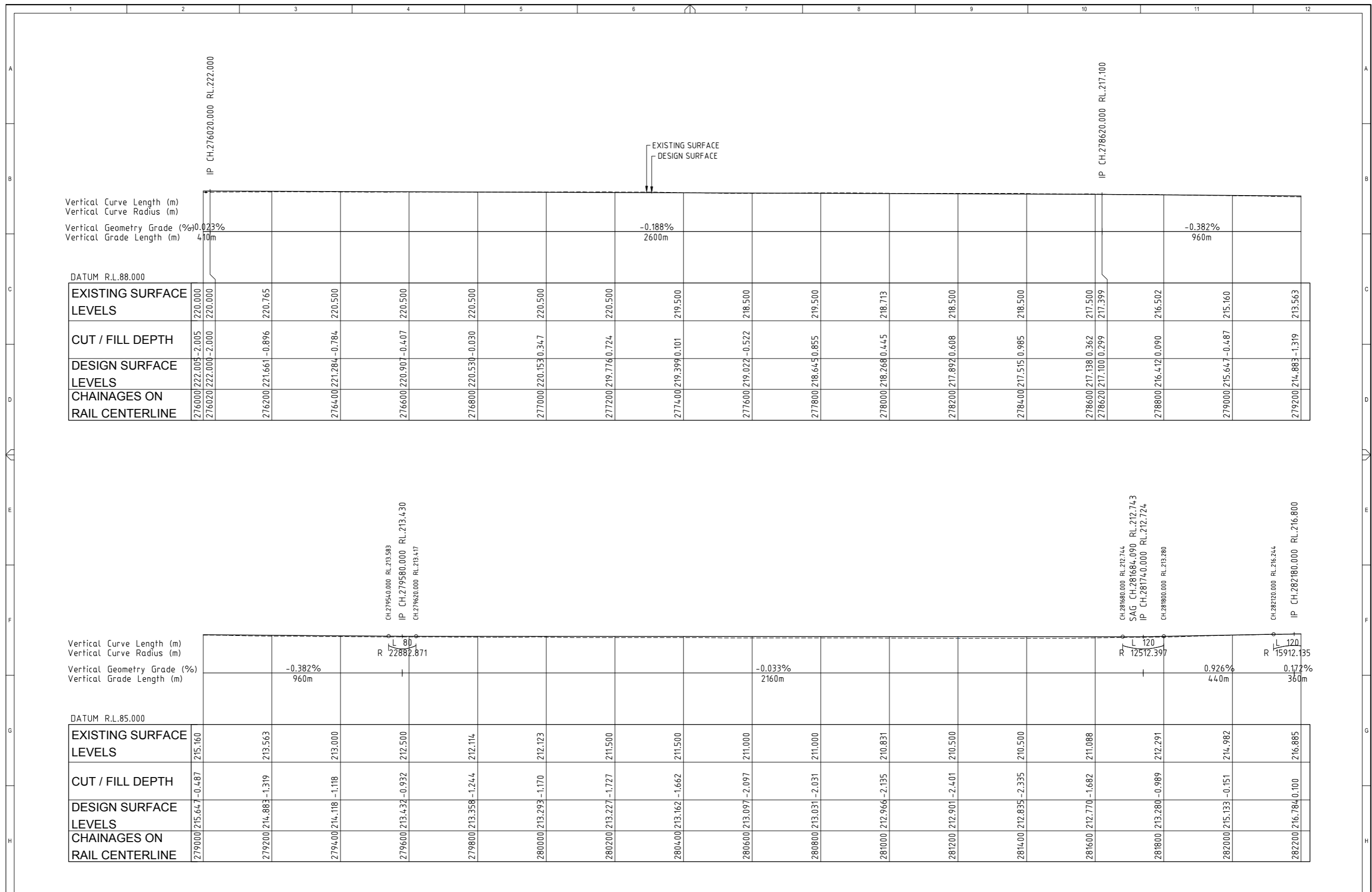
	THIS DESIGN AND PLAN IS COPYRIGHT AND IS NOT TO BE USED OR REPRODUCED WHOLLY OR IN PART OR TO BE USED ON ANY PROJECT WITHOUT THE WRITTEN PERMISSION OF YEATS CONSULTING PTY LTD DRAWING IS NOT TO BE SCALED					PROJECT GALILEE BASIN RAILWAY CONCEPTUAL DESIGN	DRAWING NAME LONGITUDINAL SECTION CH 240,000 - 300,000 SHEET 03 OF 10
	SCALE - AT ORIGINAL SHEET SIZE A1 HORIZ 1:5000 VERT 1:2500	STAGE / PHASE FOR INFORMATION ONLY NOT FOR CONSTRUCTION	APPROVED DRG No. YBE0006-C1-443	REV A			
CLIENT	H.W. 05.07.12 ORIGINAL ISSUE	H.W. 05.07.12 ORIGINAL ISSUE	DATE 05.07.12 ORIGINAL ISSUE	DESCRIPTION ORIGINAL ISSUE	SUITE 4, SHOP 15A 45 DAWSON HIGHWAY GLADSTONE QLD 4680 T 07 4976 9667 F 07 5570 4977 info@yeats.com.au www.yeats.com.au	PROJECT GALILEE BASIN RAILWAY CONCEPTUAL DESIGN	DRAWING NAME LONGITUDINAL SECTION CH 240,000 - 300,000 SHEET 03 OF 10



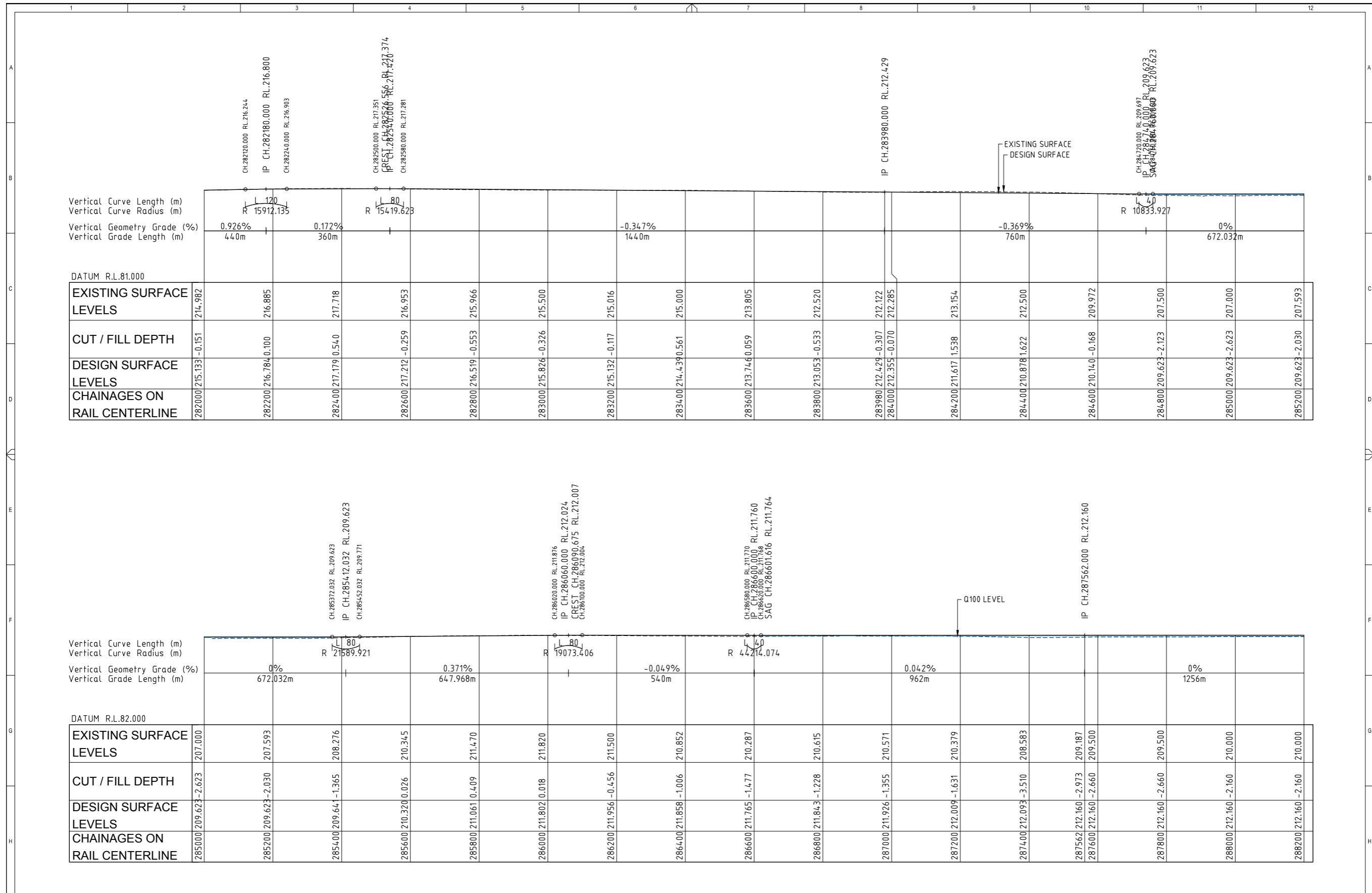
	CLIENT				THIS DESIGN AND PLAN IS COPYRIGHT AND IS NOT TO BE USED OR REPRODUCED WHOLLY OR IN PART OR TO BE USED ON ANY PROJECT WITHOUT THE WRITTEN PERMISSION OF YEATS CONSULTING PTY LTD DRAWING IS NOT TO BE SCALED					PROJECT GALILEE BASIN RAILWAY CONCEPTUAL DESIGN		DRAWING NAME LONGITUDINAL SECTION CH 240,000 - 300,000 SHEET 05 OF 10	
	SCALE - AT ORIGINAL SHEET SIZE A1 HORIZ 1:5000 VERT 1:2500	SUITE 4, SHOP 15A 45 DAWSON HIGHWAY GLADSTONE QLD 4680 T 07 4976 9667 F 07 5570 4977 info@yeats.com.au www.yeats.com.au		STAGE / PHASE FOR INFORMATION ONLY NOT FOR CONSTRUCTION		APPROVED		DRG No. YBE0006-C1-445		REV A			



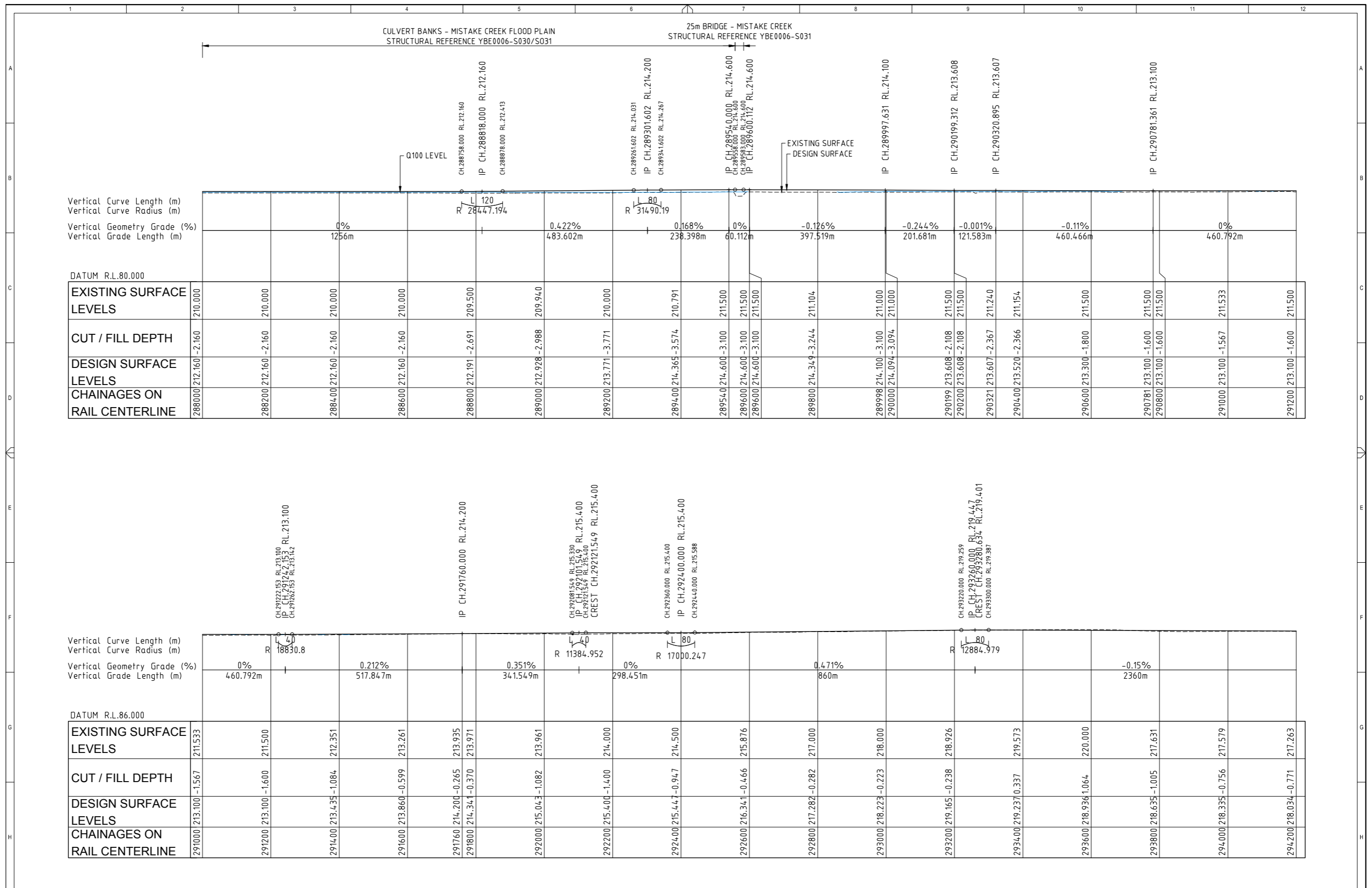
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	SCALE - AT ORIGINAL SHEET SIZE A1 HORIZ 1:5000 VERT 1:2500	SUITE 4, SHOP 15A 45 DAWSON HIGHWAY GLADSTONE QLD 4680 T 07 4976 9667 F 07 5570 4977 info@yeats.com.au www.yeats.com.au	STAGE / PHASE FOR INFORMATION ONLY NOT FOR CONSTRUCTION	APPROVED DRG No. YBE0006-C1-446		REV A	



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	SCALE - AT ORIGINAL SHEET SIZE A1 HORIZ 1:5000 VERT 1:2500				SUITE 4, SHOP 15A 45 DAWSON HIGHWAY GLADSTONE QLD 4680 T 07 4976 9667 F 07 5570 4977 info@yeats.com.au www.yeats.com.au		STAGE / PHASE FOR INFORMATION ONLY NOT FOR CONSTRUCTION			APPROVED DRG No. YBE0006-C1-447 REV A			



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	SCALE - AT ORIGINAL SHEET SIZE A1 HORIZ 1:50 1:100 1:200 VERT 1:50 1:100 1:2500	STAGE / PHASE FOR INFORMATION ONLY NOT FOR CONSTRUCTION	APPROVED DRG No. YBE0006-C1-448	REV A			



	CLIENT: [Blank]				THIS DESIGN AND PLAN IS COPYRIGHT AND IS NOT TO BE USED OR REPRODUCED WHOLLY OR IN PART OR TO BE USED ON ANY PROJECT WITHOUT THE WRITTEN PERMISSION OF YEATS CONSULTING PTY LTD DRAWING IS NOT TO BE SCALED					PROJECT: GALILEE BASIN RAILWAY CONCEPTUAL DESIGN		DRAWING NAME: LONGITUDINAL SECTION CH 240,000 - 300,000 SHEET 09 OF 10	
	SCALE - AT ORIGINAL SHEET SIZE A1 HORIZ: 100 50 0 100 200 15000 VERT: 50 25 0 50 100 12500				SUITE 4, SHOP 15A 45 DAWSON HIGHWAY GLADSTONE QLD 4680 T 07 4976 9667 F 07 5570 4977 info@yeats.com.au www.yeats.com.au		STAGE / PHASE: FOR INFORMATION ONLY NOT FOR CONSTRUCTION			APPROVED: [Blank] DRG No: YBE0006-C1-449 REV: A			

Vertical Curve Length (m)
Vertical Curve Radius (m)
Vertical Geometry Grade (%)
Vertical Grade Length (m)

DATUM R.L.88.000

EXISTING SURFACE LEVELS	217.579	217.263	215.854	216.500	216.000	215.058	214.000	213.500	213.576	213.990	214.500	215.000	215.500	215.500	216.199	215.500	215.261
CUT / FILL DEPTH	-0.756	-0.771	-1.879	-0.933	-1.132	-1.774	-2.531	-2.731	-2.324	-1.911	-1.403	-0.905	-0.406	-0.378	0.618	0.217	0.276
DESIGN SURFACE LEVELS	218.335	218.034	217.734	217.433	217.132	216.832	216.531	216.231	215.900	215.902	215.903	215.905	215.906	215.878	215.580	215.283	214.985
CHAINAGES ON RAIL CENTERLINE	294.000	294.200	294.400	294.600	294.800	295.000	295.200	295.400	295.600	295.800	296.000	296.200	296.400	296.600	296.800	297.000	297.200

Vertical Curve Length (m)
Vertical Curve Radius (m)
Vertical Geometry Grade (%)
Vertical Grade Length (m)

DATUM R.L.87.000

EXISTING SURFACE LEVELS	215.500	215.261	213.500	213.011	213.000	213.063	213.374	213.469	213.260	213.454	213.000	213.000	212.672	213.000	213.000	213.156	213.500	213.338
CUT / FILL DEPTH	0.217	0.276	-1.187	-1.378	-1.300	-1.198	-0.830	-0.679	-0.832	-0.582	-0.979	-0.923	-1.195	-0.811	-0.754	-0.543	-0.142	-0.248
DESIGN SURFACE LEVELS	215.283	214.985	214.687	214.389	214.300	214.261	214.204	214.148	214.092	214.036	213.979	213.923	213.867	213.811	213.754	213.698	213.642	213.586
CHAINAGES ON RAIL CENTERLINE	297.000	297.200	297.400	297.600	297.800	298.000	298.200	298.400	298.600	298.800	299.000	299.200	299.400	299.600	299.800	300.000	300.200	300.400



CLIENT					
REV	H.W.	H.W.	05.07.12	ORIGINAL ISSUE	
	DRAWN	DESIGN	DATE	DESCRIPTION	

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DRAWING IS NOT TO BE SCALED

SCALE - AT ORIGINAL SHEET SIZE A1
 HORIZ 1:5000
 VERT 1:2500



PROJECT
 GALILEE BASIN RAILWAY
 CONCEPTUAL DESIGN

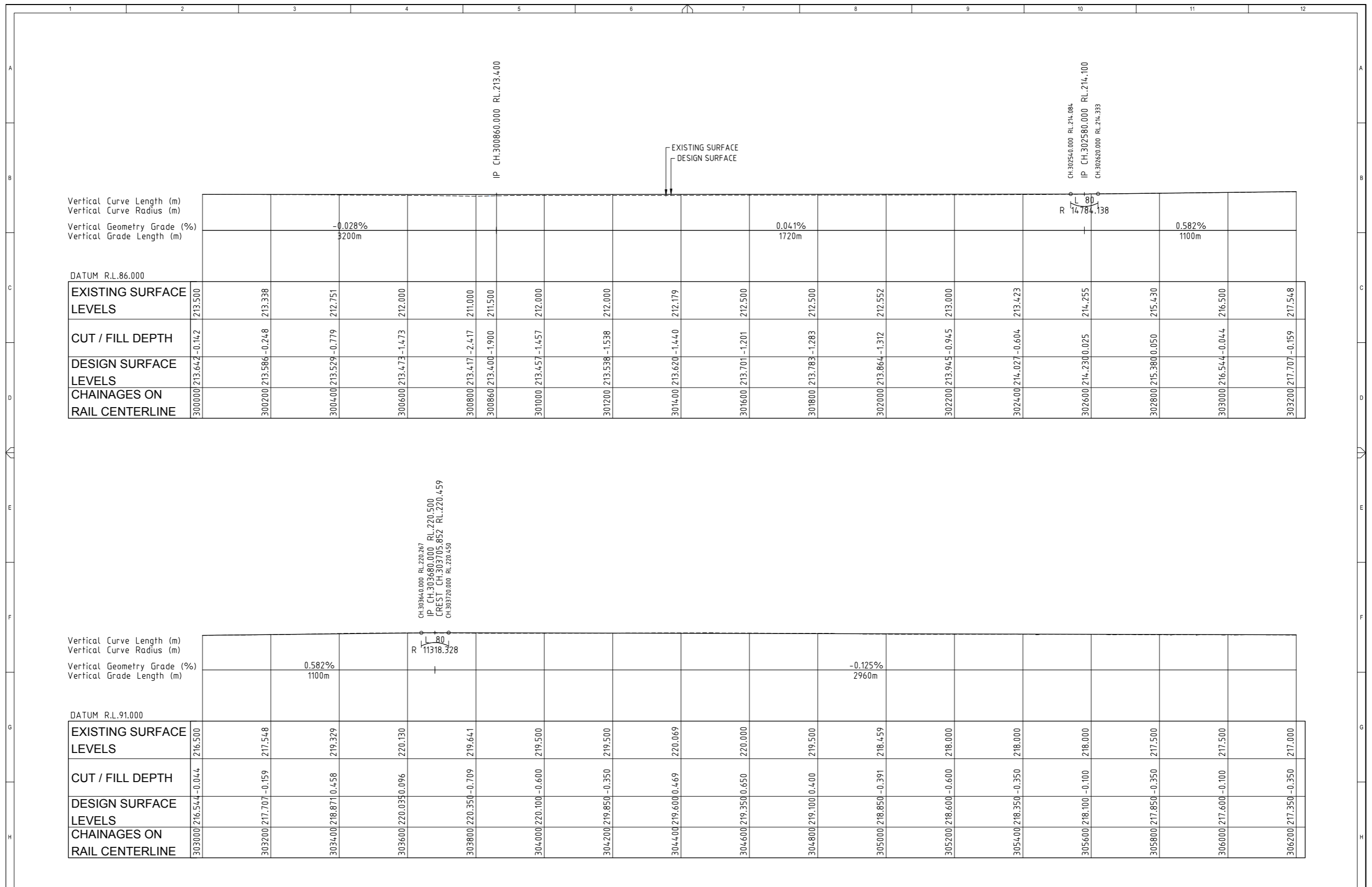
STAGE / PHASE
 FOR INFORMATION ONLY
 NOT FOR CONSTRUCTION

DRAWING NAME
 LONGITUDINAL SECTION
 CH 240,000 - 300,000
 SHEET 10 OF 10

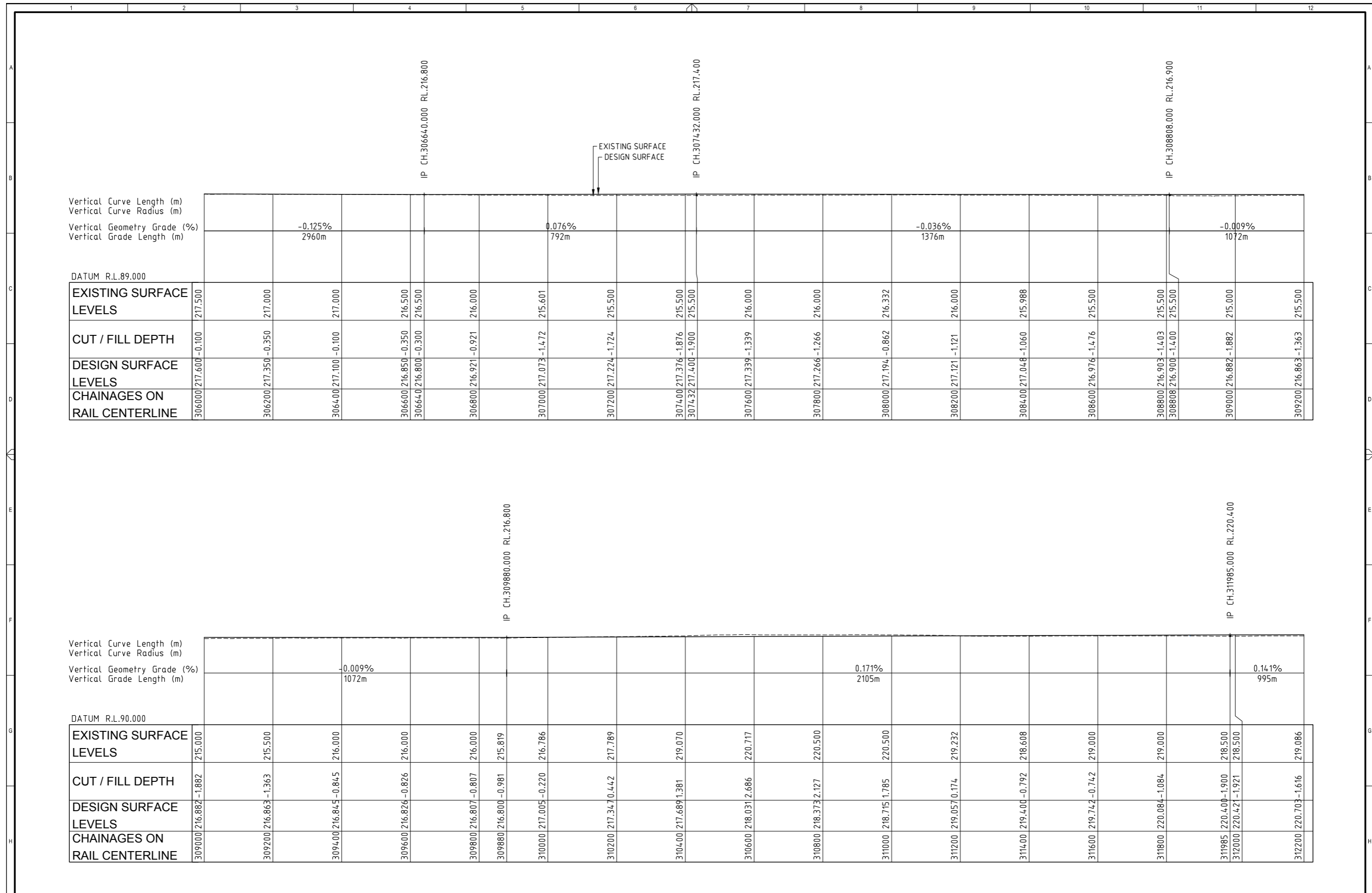
APPROVED

DRG No.
 YBE0006-C1-450

REV
 A



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	A H.W. H.W. 05.07.12 ORIGINAL ISSUE REV DRAWN DESIGN DATE DESCRIPTION					SCALE - AT ORIGINAL SHEET SIZE A1 HORIZ 1:5000 VERT 1:2500		STAGE / PHASE FOR INFORMATION ONLY NOT FOR CONSTRUCTION		APPROVED _____ DRG No. YBE0006-C1-451		REV A		



REV	H.W.	H.W.	DATE	DESCRIPTION
A			05.07.12	ORIGINAL ISSUE

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DRAWING IS NOT TO BE SCALED

SCALE - AT ORIGINAL SHEET SIZE A1

HORIZ 1:5000
VERT 1:2500



PROJECT: GALILEE BASIN RAILWAY CONCEPTUAL DESIGN

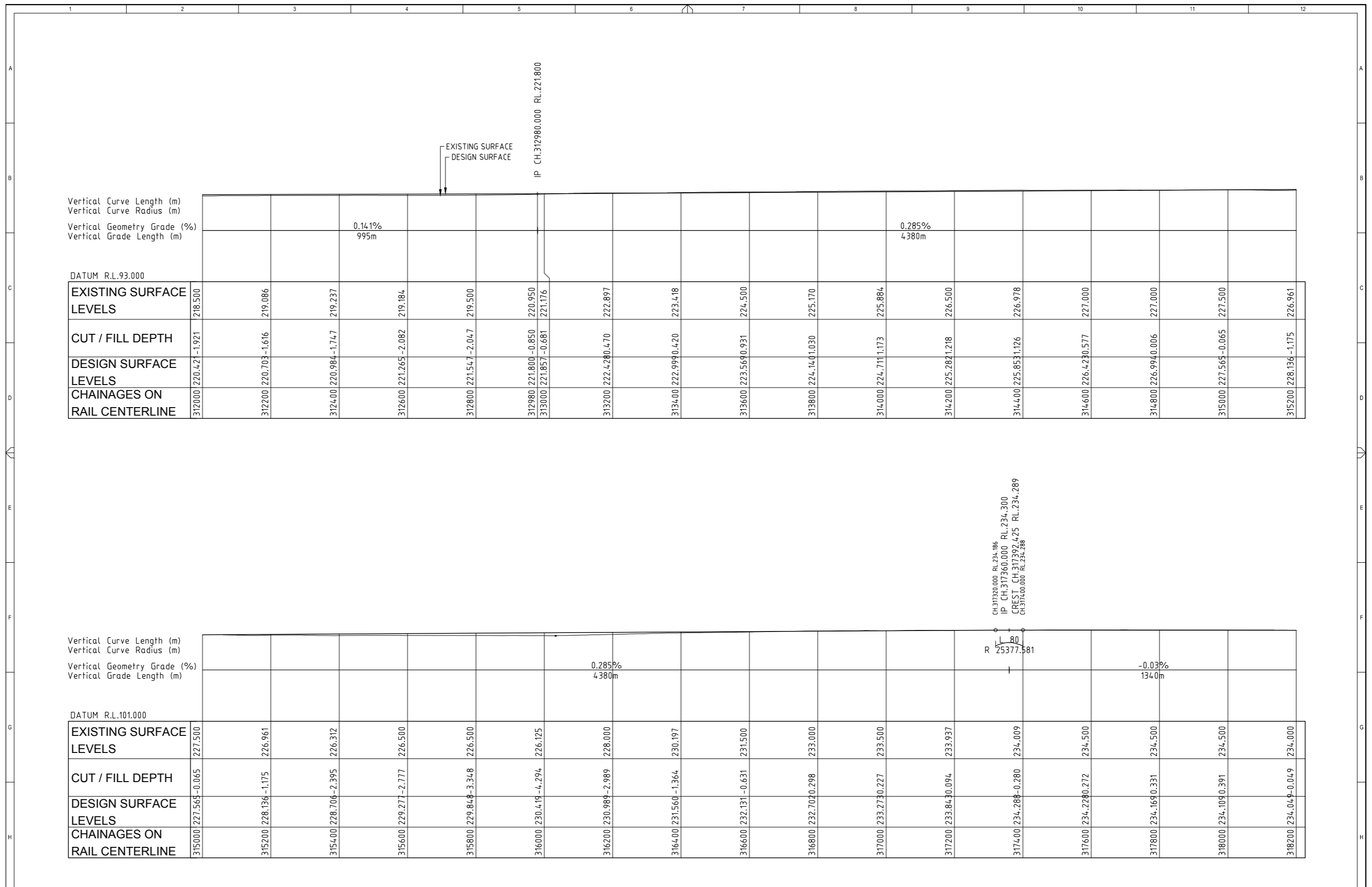
STAGE / PHASE: FOR INFORMATION ONLY
NOT FOR CONSTRUCTION

DRAWING NAME: LONGITUDINAL SECTION CH 300,000 - 360,000 SHEET 02 OF 10

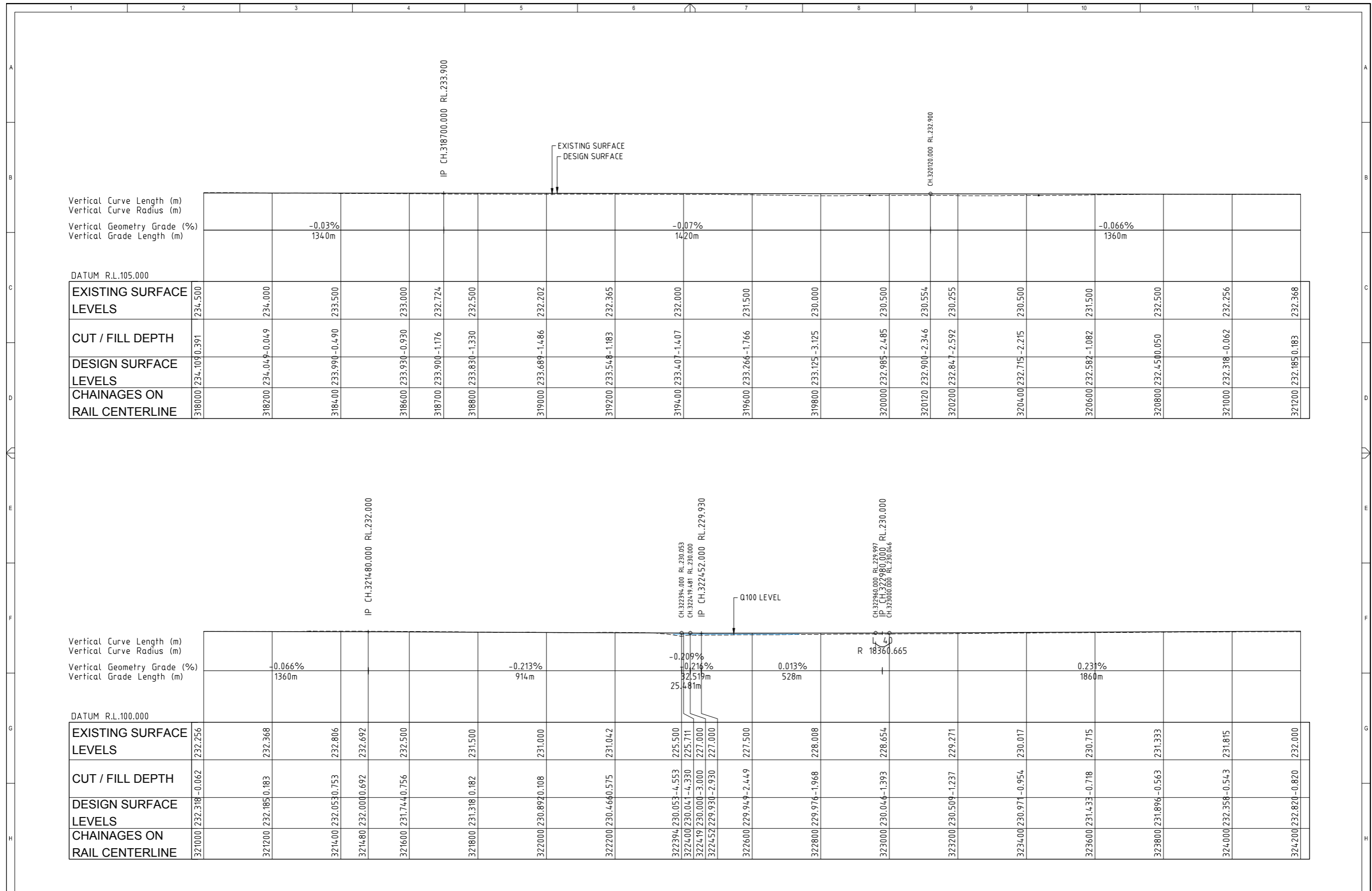
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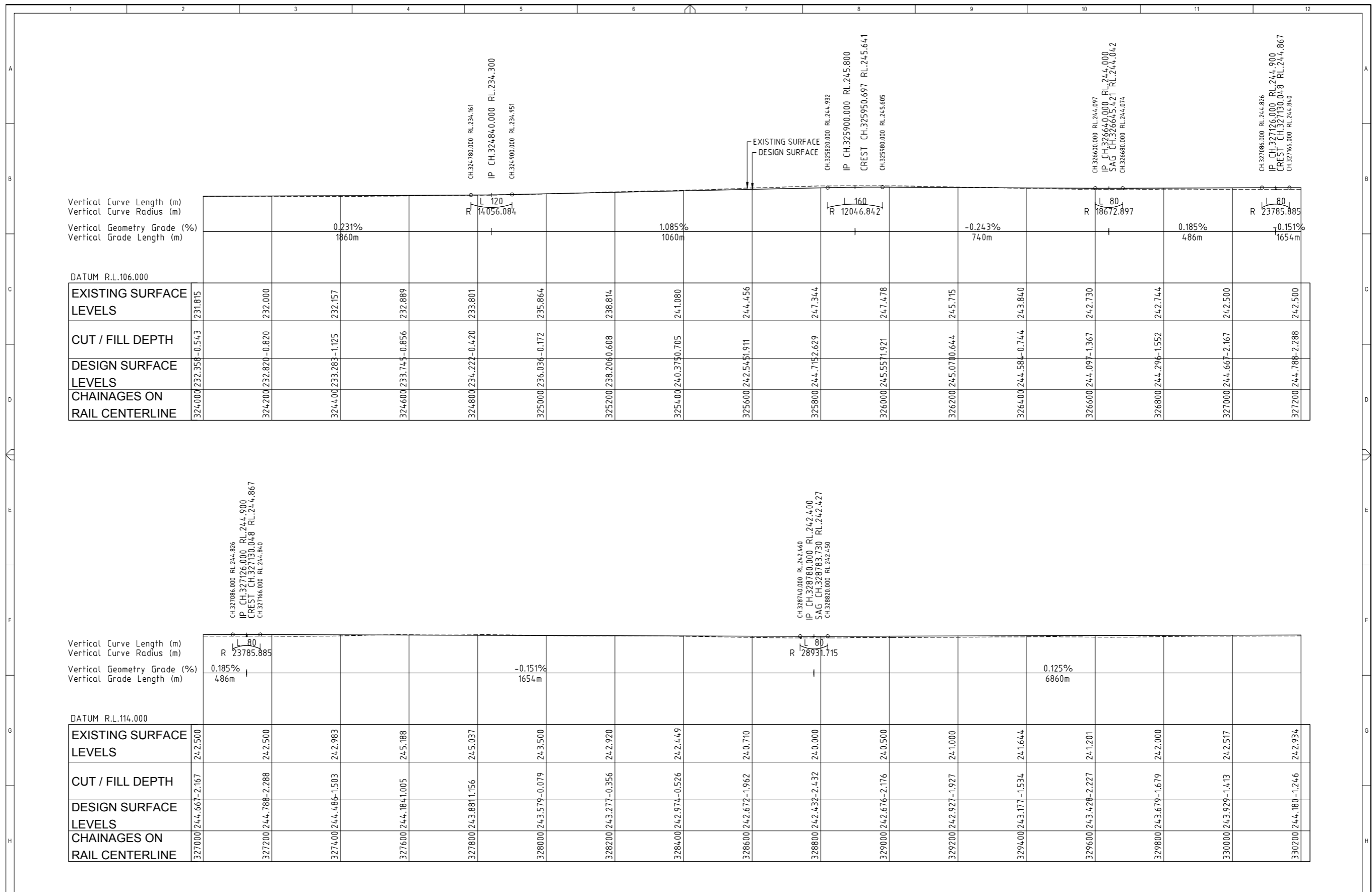
REV: A



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SCALE - AT ORIGINAL SHEET SIZE A1	HORIZ 1:5000 VERT 1:2500		SUITE 4, SHOP 15A 45 DAWSON HIGHWAY GLADSTONE QLD 4680 T 07 4976 9667 F 07 5570 4977 info@yeats.com.au www.yeats.com.au		STAGE / PHASE FOR INFORMATION ONLY NOT FOR CONSTRUCTION		APPROVED		DRG No. YBE0006-C1-453		REV A	



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	SCALE - AT ORIGINAL SHEET SIZE A1 HORIZ 1:5000 VERT 1:12500	STAGE / PHASE FOR INFORMATION ONLY NOT FOR CONSTRUCTION	APPROVED	DRG No. YBE0006-C1-454			
CLIENT Waratah Coal	DATE 05.07.12	DESIGNER ORIGINAL ISSUE	DRAWN DESIGN	DESCRIPTION ORIGINAL ISSUE	SUITE 4, SHOP 15A 45 DAWSON HIGHWAY GLADSTONE QLD 4680 T 07 4976 9667 F 07 5570 4977 info@yeats.com.au www.yeats.com.au	NOT FOR CONSTRUCTION	APPROVED



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	A H.W. H.W. 05.07.12 ORIGINAL ISSUE REV DRAWN DESIGN DATE DESCRIPTION						SUITE 4, SHOP 15A 45 DAWSON HIGHWAY GLADSTONE QLD 4680 T 07 4976 9667 F 07 5570 4977 info@yeats.com.au www.yeats.com.au	STAGE / PHASE: FOR INFORMATION ONLY NOT FOR CONSTRUCTION

Vertical Curve Length (m)
Vertical Curve Radius (m)
Vertical Geometry Grade (%)
Vertical Grade Length (m)

DATUM R.L.117.000

EXISTING SURFACE LEVELS	242.517	242.934	243.000	243.765	244.000	244.000	244.807	245.000	245.646	246.500	246.610	246.589	247.314	247.500	248.000	248.000	248.000
CUT / FILL DEPTH	-1.413	-1.246	-1.431	-0.916	-0.932	-1.183	-0.626	-0.685	-0.289	0.314	0.173	-0.098	0.376	0.311	0.560	0.310	0.059
DESIGN SURFACE LEVELS	243.929	244.180	244.431	244.682	244.932	245.183	245.434	245.685	245.935	246.186	246.437	246.687	246.938	247.189	247.440	247.690	247.941
CHAINAGES ON RAIL CENTERLINE	330000	330200	330400	330600	330800	331000	331200	331400	331600	331800	332000	332200	332400	332600	332800	333000	333200

EXISTING SURFACE
DESIGN SURFACE

0.125%
6860m

Vertical Curve Length (m)
Vertical Curve Radius (m)
Vertical Geometry Grade (%)
Vertical Grade Length (m)

DATUM R.L.122.000

EXISTING SURFACE LEVELS	248.000	248.000	248.500	248.736	248.643	249.120	249.762	250.000	250.718	251.253	251.661	251.623	251.500	251.500	251.500	251.975	252.000	252.000
CUT / FILL DEPTH	0.310	0.059	0.308	0.293	-0.050	0.176	0.567	0.555	1.022	1.306	1.463	1.174	0.801	0.550	0.500	0.725	0.436	0.123
DESIGN SURFACE LEVELS	247.690	247.941	248.192	248.443	248.693	248.944	249.195	249.445	249.696	249.947	250.198	250.448	250.699	250.950	251.200	251.251	251.564	251.877
CHAINAGES ON RAIL CENTERLINE	333000	333200	333400	333600	333800	334000	334200	334400	334600	334800	335000	335200	335400	335600	335800	336000	336200	

0.125%
6860m

0.157%
4789m

IP CH.335640.000 RL.251.000



CLIENT				
REV	H.W.	H.W.	05.07.12	ORIGINAL ISSUE
	DRAWN	DESIGN	DATE	DESCRIPTION

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DRAWING IS NOT TO BE SCALED
SCALE - AT ORIGINAL SHEET SIZE A1
HORIZ 1:5000
VERT 1:2500

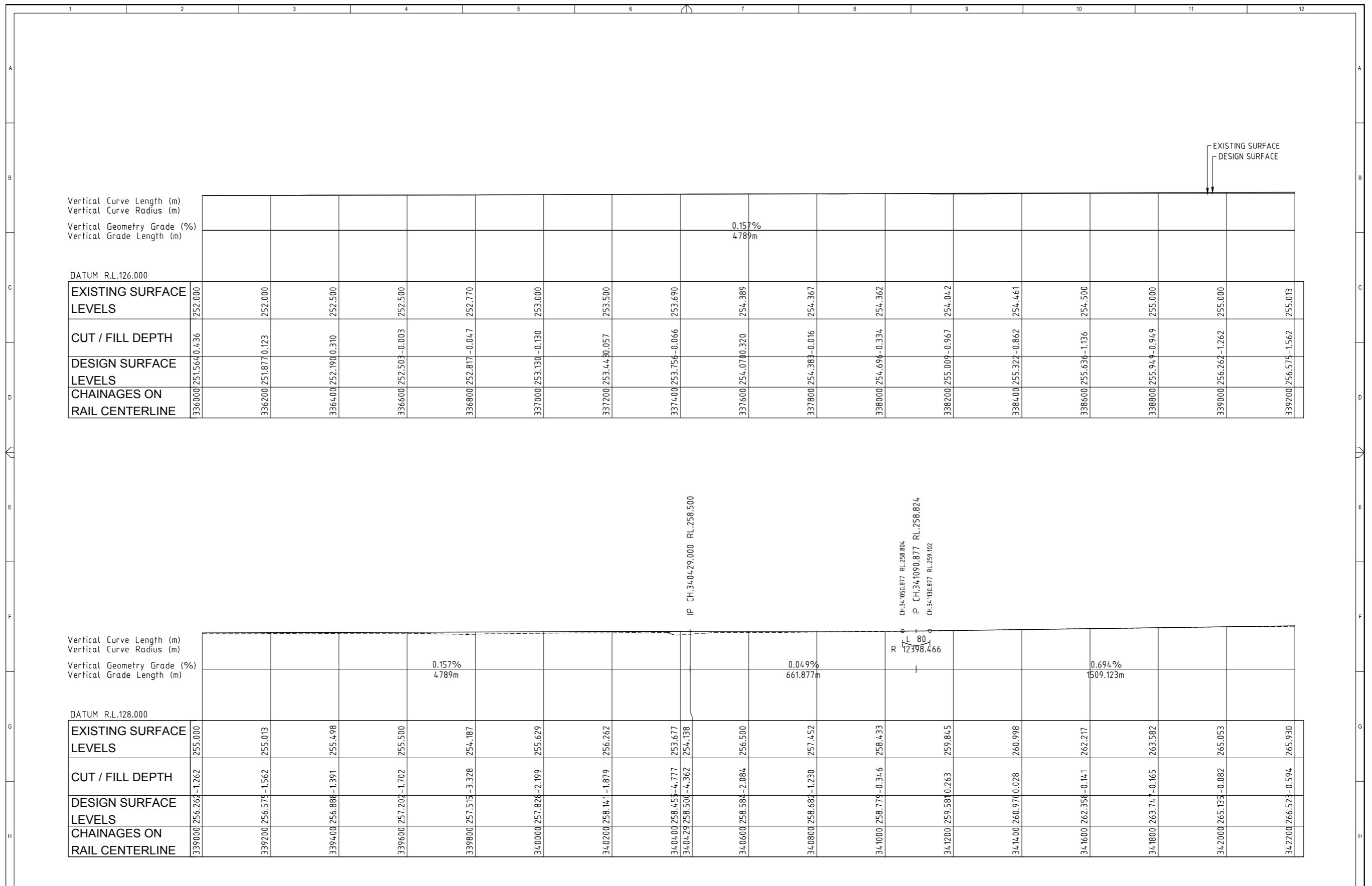


PROJECT
GALILEE BASIN RAILWAY
CONCEPTUAL DESIGN
STAGE / PHASE
FOR INFORMATION ONLY
NOT FOR CONSTRUCTION

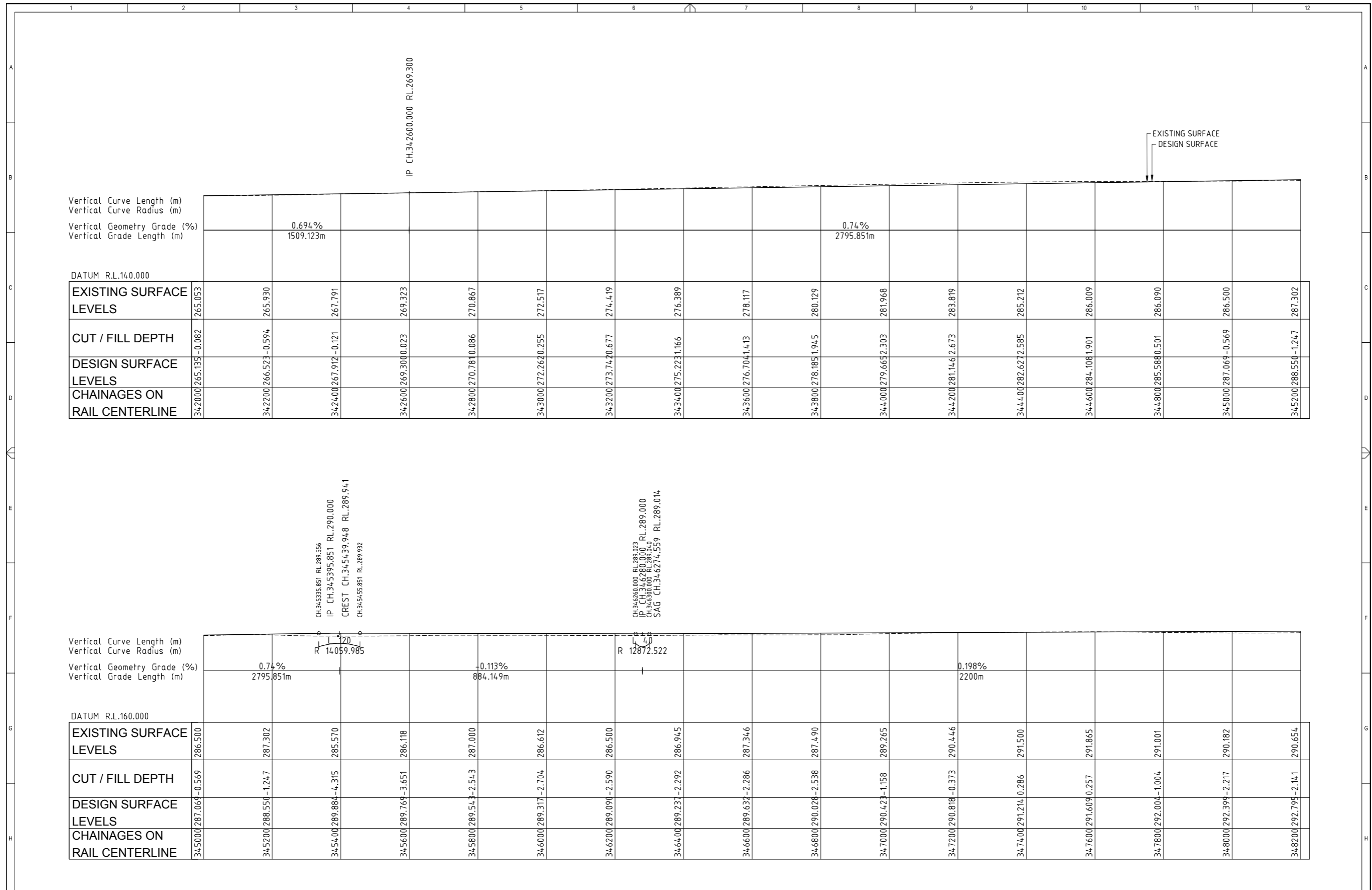
DRAWING NAME
LONGITUDINAL SECTION
CH 300,000 - 360,000
SHEET 06 OF 10

APPROVED
DRG No.
YBE0006-C1-456

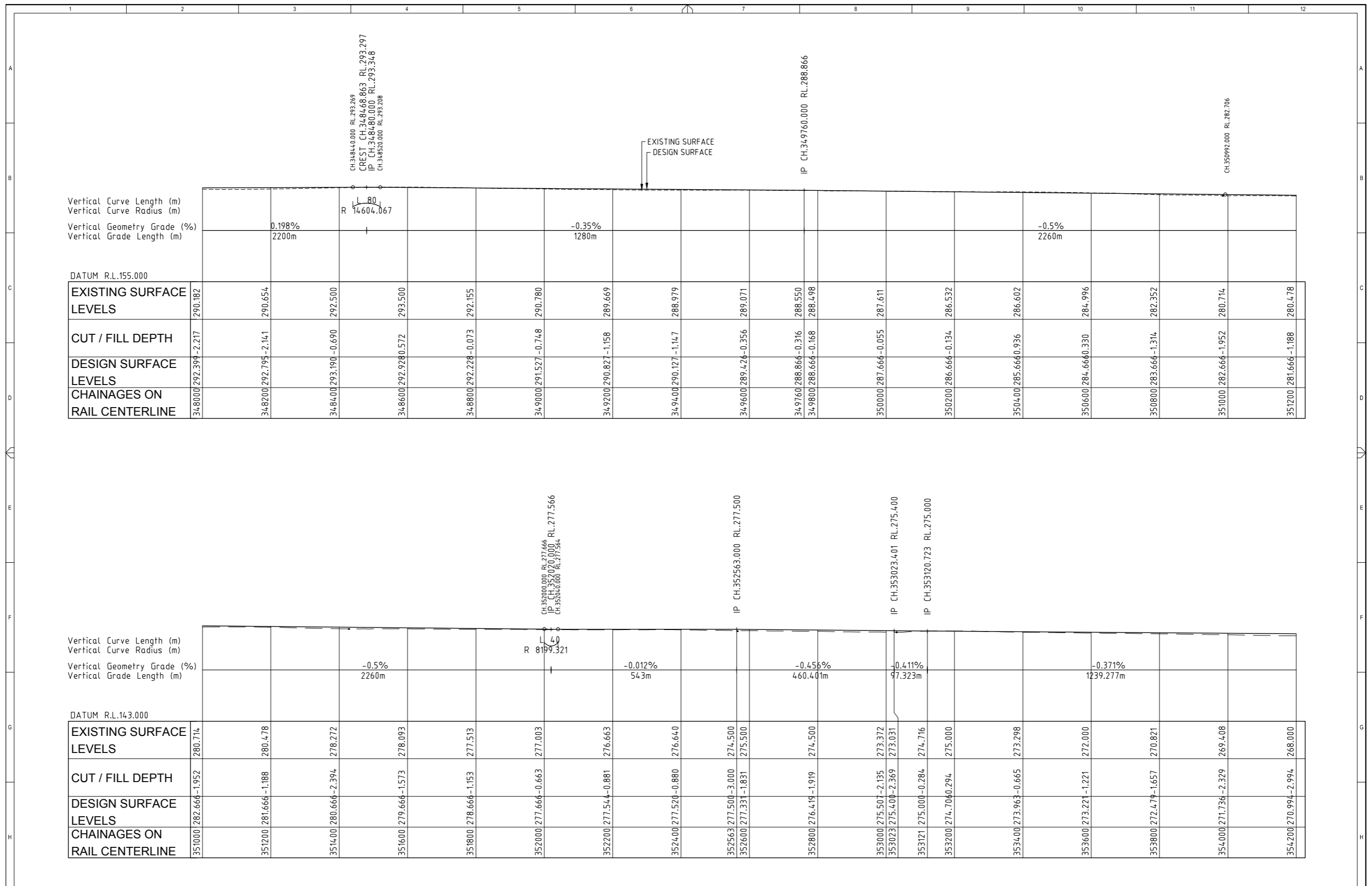
REV
A



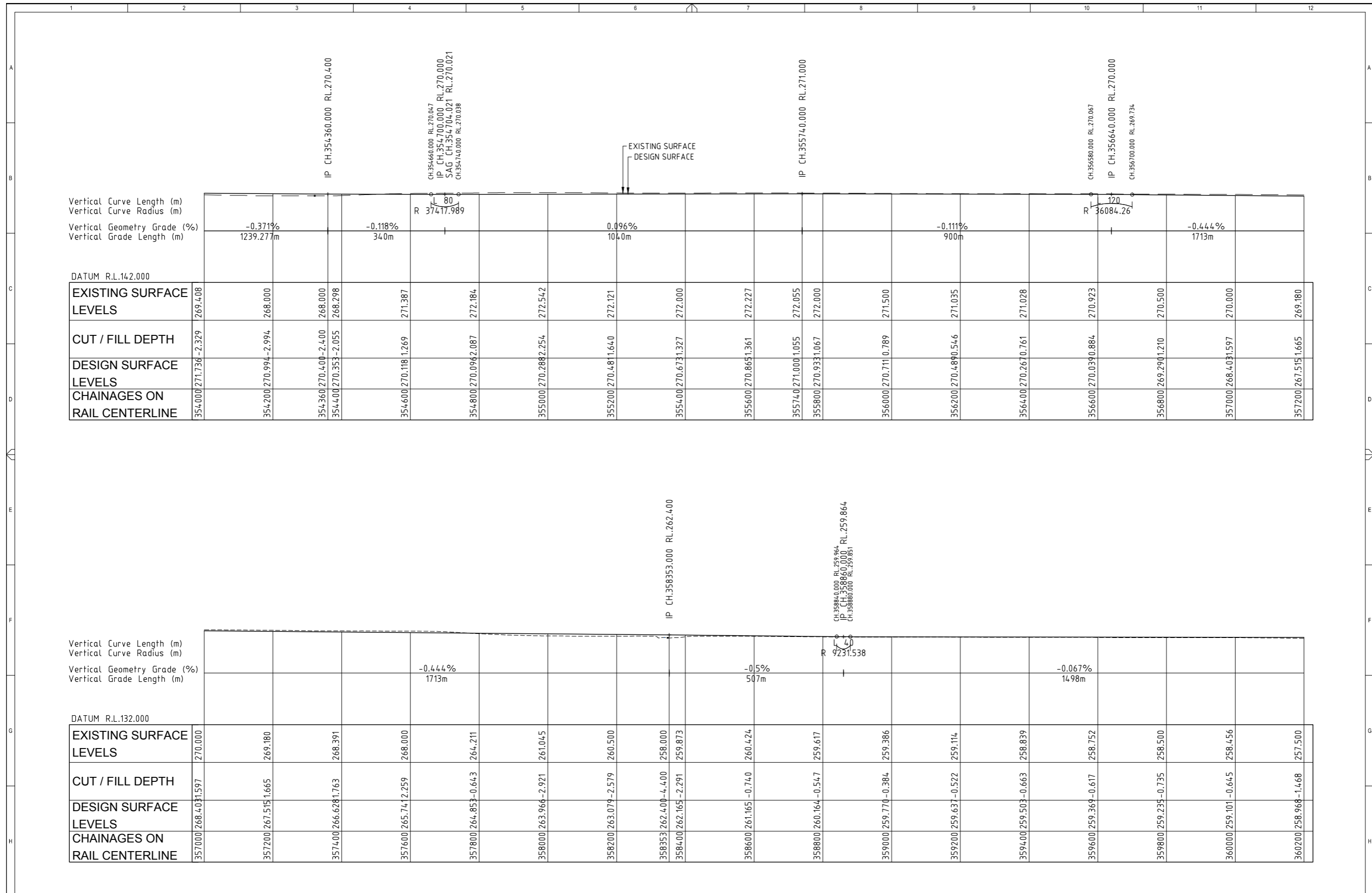
		<p>THIS DESIGN AND PLAN IS COPYRIGHT AND IS NOT TO BE USED OR REPRODUCED WHOLLY OR IN PART OR TO BE USED ON ANY PROJECT WITHOUT THE WRITTEN PERMISSION OF YEATS CONSULTING PTY LTD</p> <p>DRAWING IS NOT TO BE SCALED</p>				<p>PROJECT GALILEE BASIN RAILWAY CONCEPTUAL DESIGN</p>		<p>DRAWING NAME LONGITUDINAL SECTION CH 300,000 - 360,000 SHEET 07 OF 10</p>											
<p>SCALE - AT ORIGINAL SHEET SIZE A1</p> <p>HORIZ 100 50 0 100 200 15000</p> <p>VERT 50 25 0 50 100 12500</p>		<p>SUITE 4, SHOP 15A 45 DAWSON HIGHWAY GLADSTONE QLD 4680 T 07 4976 9667 F 07 5570 4977 info@yeats.com.au www.yeats.com.au</p>		<p>STAGE / PHASE FOR INFORMATION ONLY NOT FOR CONSTRUCTION</p>		<p>APPROVED</p>		<p>DRG No. YBE0006-C1-457</p>											
<p>CLIENT</p>		<p>REVISIONS</p> <table border="1"> <tr> <th>REV</th> <th>DRAWN</th> <th>DESIGN</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> <tr> <td>A</td> <td>H.W.</td> <td>H.W.</td> <td>05.07.12</td> <td>ORIGINAL ISSUE</td> </tr> </table>		REV	DRAWN	DESIGN	DATE	DESCRIPTION	A	H.W.	H.W.	05.07.12	ORIGINAL ISSUE	<p>PROJECT</p>		<p>DRAWING NAME</p>		<p>APPROVED</p>	
REV	DRAWN	DESIGN	DATE	DESCRIPTION															
A	H.W.	H.W.	05.07.12	ORIGINAL ISSUE															
				<p>PROJECT</p>		<p>DRAWING NAME</p>		<p>APPROVED</p>											



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	CLIENT SCALE - AT ORIGINAL SHEET SIZE A1 HORIZ 1:5000 VERT 1:2500	SUITE 4, SHOP 15A 45 DAWSON HIGHWAY GLADSTONE QLD 4680 T 07 4976 9667 F 07 5570 4977 info@yeats.com.au www.yeats.com.au	PROJECT NO. 1102							



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<p>SCALE - AT ORIGINAL SHEET SIZE A1</p> <p>HORIZ 1:5000</p> <p>VERT 1:2500</p>		<p>SUITE 4, SHOP 15A 45 DAWSON HIGHWAY GLADSTONE QLD 4680 T 07 4976 9667 F 07 5570 4977 info@yeats.com.au www.yeats.com.au</p>		<p>STAGE / PHASE FOR INFORMATION ONLY NOT FOR CONSTRUCTION</p>		<p>APPROVED</p>		<p>DRG No. YBE0006-C1-459</p>	
<p>CLIENT</p>		<p>DATE: 05.07.12</p> <p>DESCRIPTION: ORIGINAL ISSUE</p>		<p>REV</p>		<p>REV</p>		<p>REV</p>	



Vertical Curve Length (m)
Vertical Curve Radius (m)
Vertical Geometry Grade (%)
Vertical Grade Length (m)

DATUM R.L.142.000

EXISTING SURFACE LEVELS	269.408	268.000	268.000	268.298	271.387	272.184	272.542	272.121	272.000	272.227	272.055	272.000	271.500	271.035	271.028	270.923	270.500	270.000	269.180
CUT / FILL DEPTH	-2.329	-2.994	-2.400	-2.055	1.269	0.087	2.254	1.640	1.327	1.361	1.055	1.067	0.789	0.546	0.761	0.884	1.210	1.597	1.665
DESIGN SURFACE LEVELS	271.736	270.994	270.400	270.353	270.118	270.094	270.288	270.481	270.673	270.865	271.000	270.933	270.711	270.489	270.267	270.039	269.291	268.403	267.515
CHAINAGES ON RAIL CENTERLINE	354.000	354.200	354.360	354.400	354.600	354.800	355.000	355.200	355.400	355.600	355.740	355.800	356.000	356.200	356.400	356.600	356.800	357.000	357.200

Vertical Curve Length (m)
Vertical Curve Radius (m)
Vertical Geometry Grade (%)
Vertical Grade Length (m)

DATUM R.L.132.000

EXISTING SURFACE LEVELS	270.000	269.180	268.391	268.000	264.211	261.045	260.500	258.000	259.873	260.424	259.617	259.386	259.114	258.839	258.752	258.500	258.456	257.500
CUT / FILL DEPTH	1.597	1.665	1.663	2.259	0.643	2.921	2.579	4.400	2.291	0.740	0.547	0.384	0.522	0.663	0.617	0.735	0.645	1.468
DESIGN SURFACE LEVELS	268.403	267.515	266.628	265.741	264.853	263.966	263.079	262.400	262.165	261.165	260.164	259.770	259.637	259.503	259.369	259.235	259.101	258.968
CHAINAGES ON RAIL CENTERLINE	357.000	357.200	357.400	357.600	357.800	358.000	358.200	358.353	358.400	358.600	358.800	359.000	359.200	359.400	359.600	359.800	360.000	360.200



CLIENT				
REV	H.W.	H.W.	05.07.12	ORIGINAL ISSUE
	DRAWN	DESIGN	DATE	DESCRIPTION

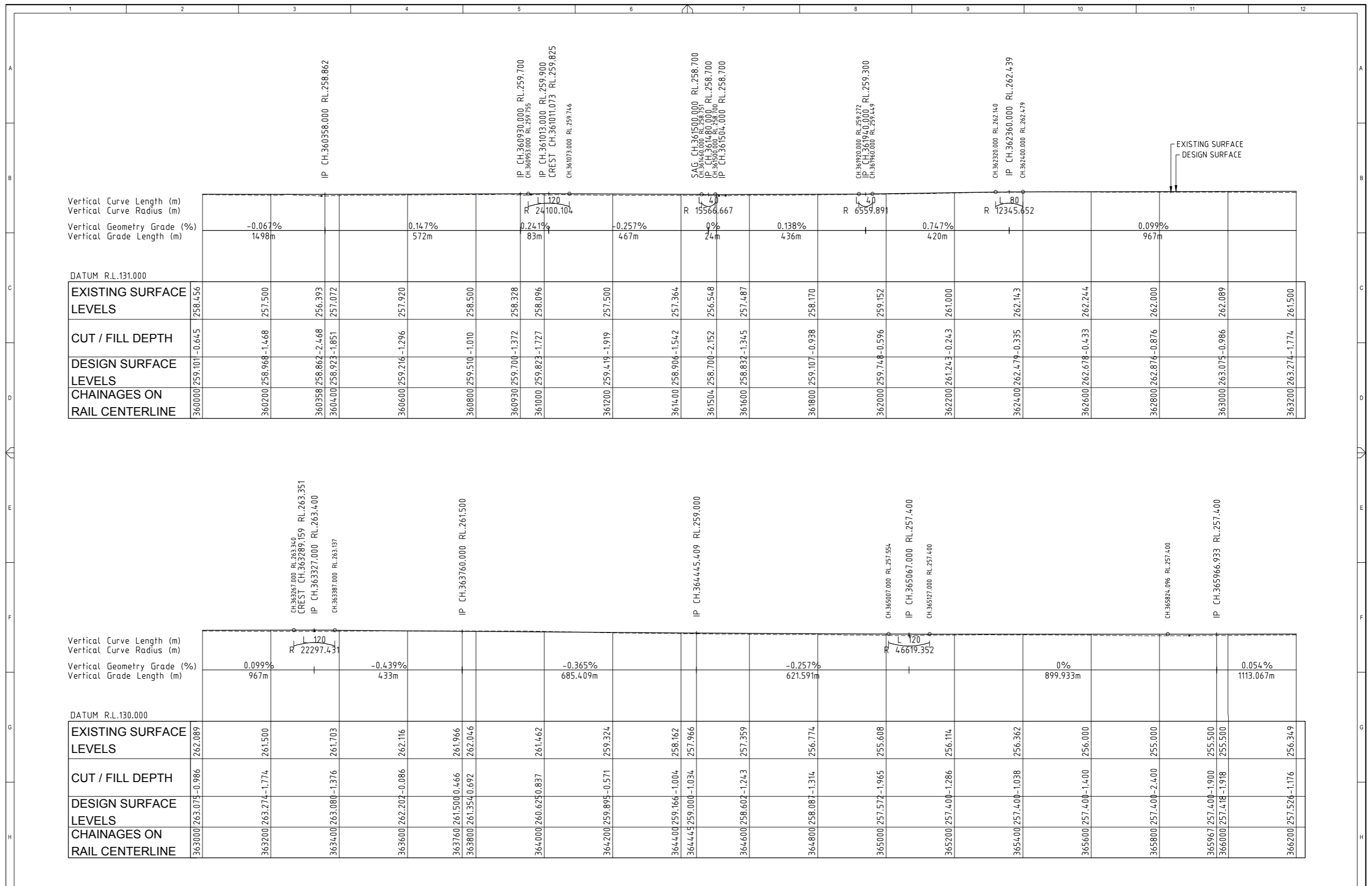
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DRAWING IS NOT TO BE SCALED
SCALE - AT ORIGINAL SHEET SIZE A1
HORIZ 1:5000
VERT 1:2500



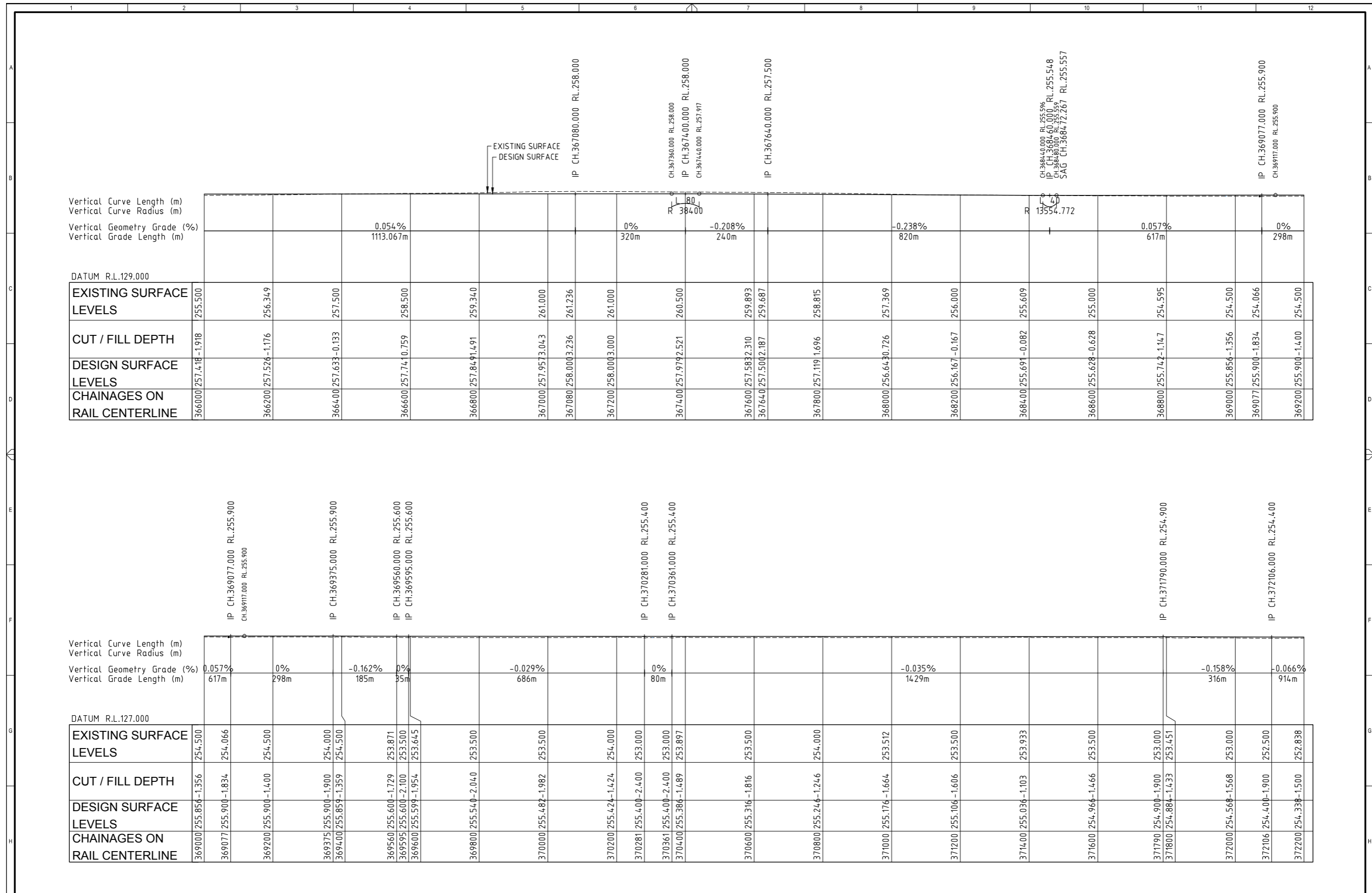
PROJECT
GALILEE BASIN RAILWAY
CONCEPTUAL DESIGN
STAGE / PHASE
FOR INFORMATION ONLY
NOT FOR CONSTRUCTION

DRAWING NAME
LONGITUDINAL SECTION
CH 300,000 - 360,000
SHEET 10 OF 10
APPROVED
DRG No.
YBE0006-C1-460

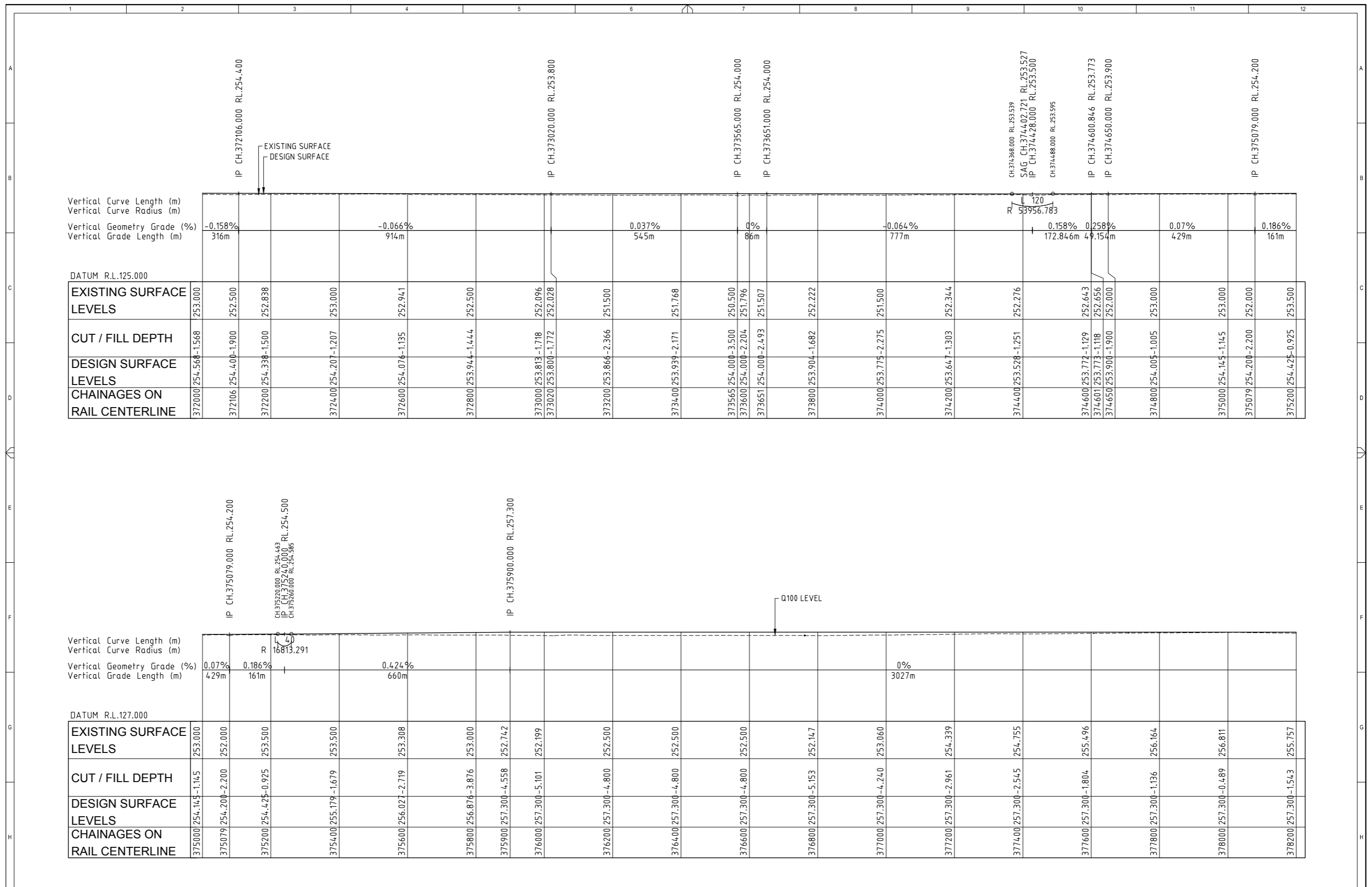
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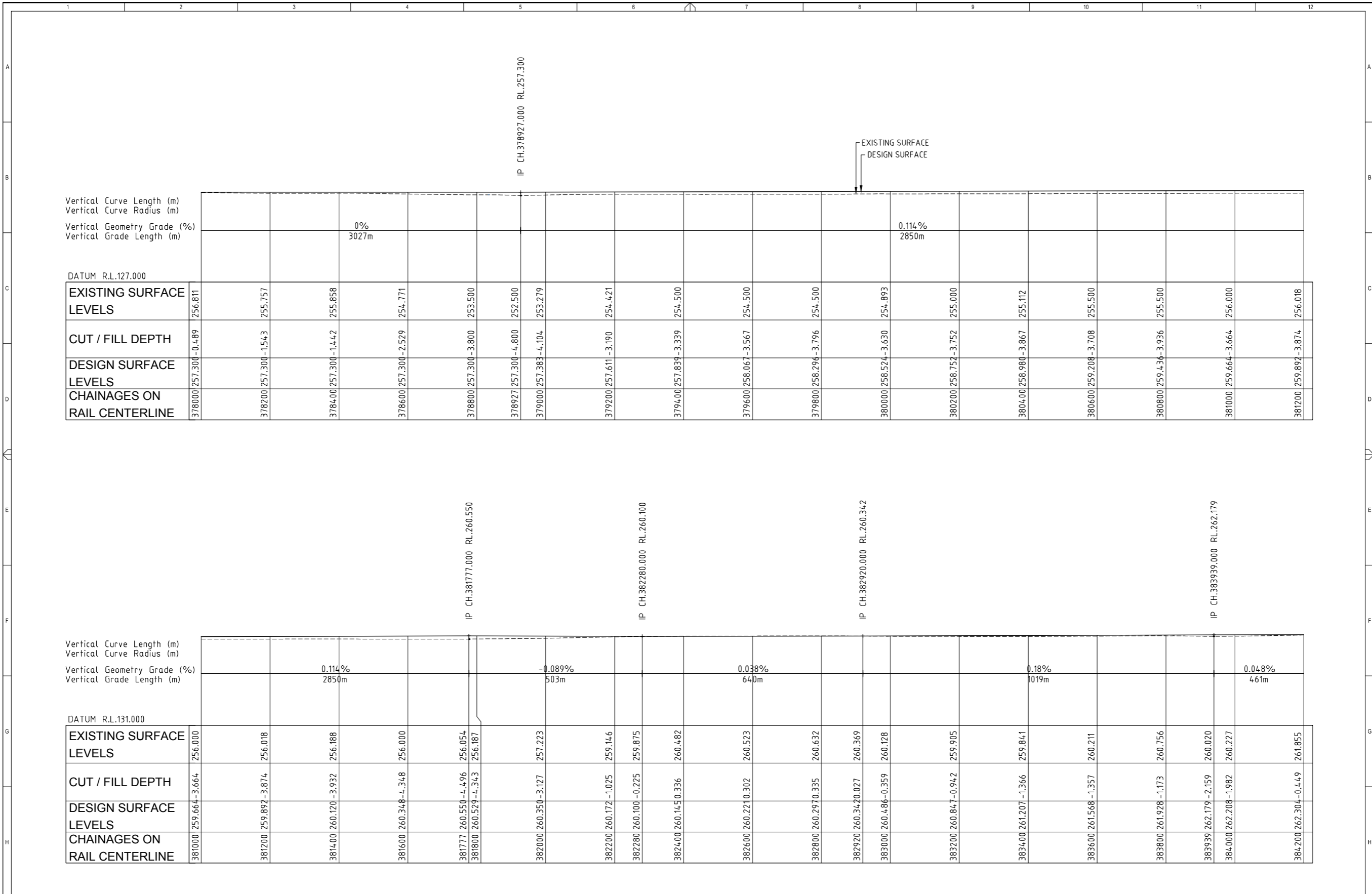
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	SCALE - AT ORIGINAL SHEET SIZE A1 HORIZ: 100 50 0 100 200 VERT: 50 25 0 50 100 1:2500				SUITE 4, SHOP 15A 45 DAWSON HIGHWAY GLADSTONE QLD 4680 T 07 4976 9667 F 07 5570 4977 info@yeats.com.au www.yeats.com.au		STAGE / PHASE: FOR INFORMATION ONLY NOT FOR CONSTRUCTION			APPROVED: [Blank] DRG No: YBE0006-C1-461 REV: A			



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<p>CLIENT</p>		<p>DATE: 05.07.12</p> <p>DESCRIPTION: ORIGINAL ISSUE</p>		<p>STAGE / PHASE FOR INFORMATION ONLY NOT FOR CONSTRUCTION</p>		<p>APPROVED</p> <p>DRG No. YBE0006-C1-463</p> <p>REV A</p>	



REV	H.W.	H.W.	DATE	DESCRIPTION
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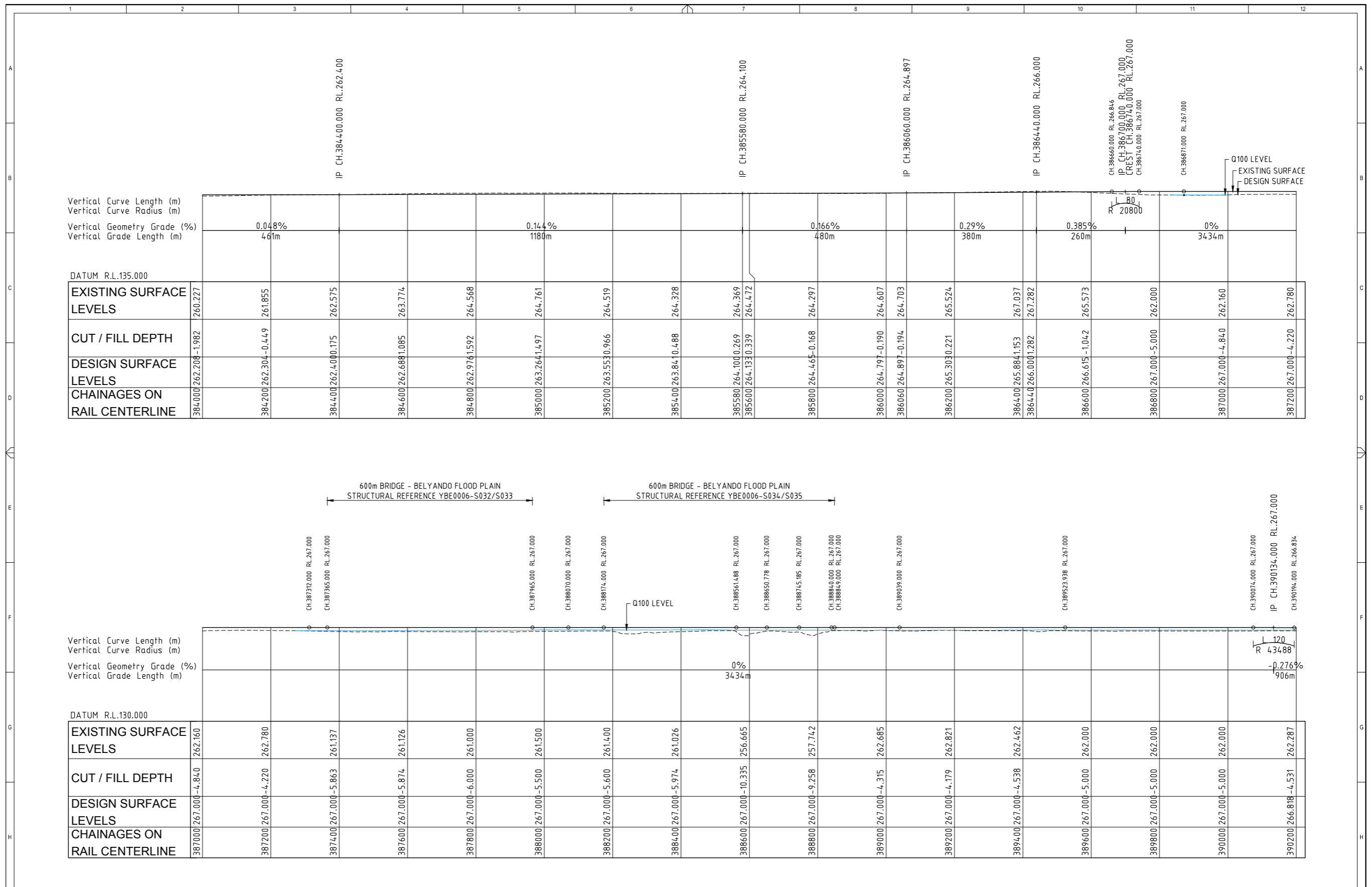
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DRAWING IS NOT TO BE SCALED
SCALE - AT ORIGINAL SHEET SIZE A1
HORIZ 1:5000
VERT 1:2500



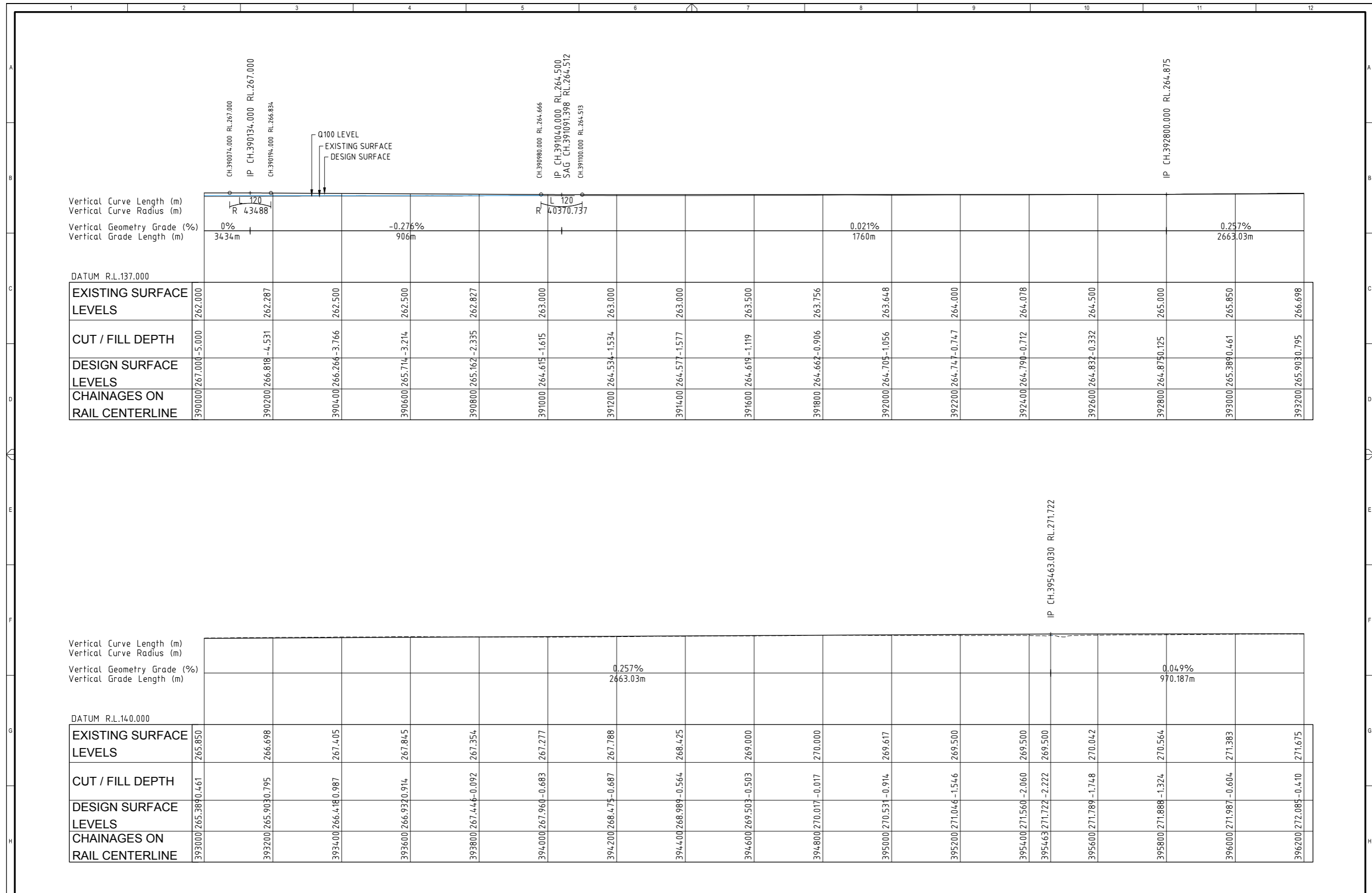
PROJECT
GALILEE BASIN RAILWAY CONCEPTUAL DESIGN
STAGE / PHASE
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DRAWING NAME
LONGITUDINAL SECTION CH 360,000 - 411,000 SHEET 04 OF 9
APPROVED
DRG No.
YBE0006-C1-464

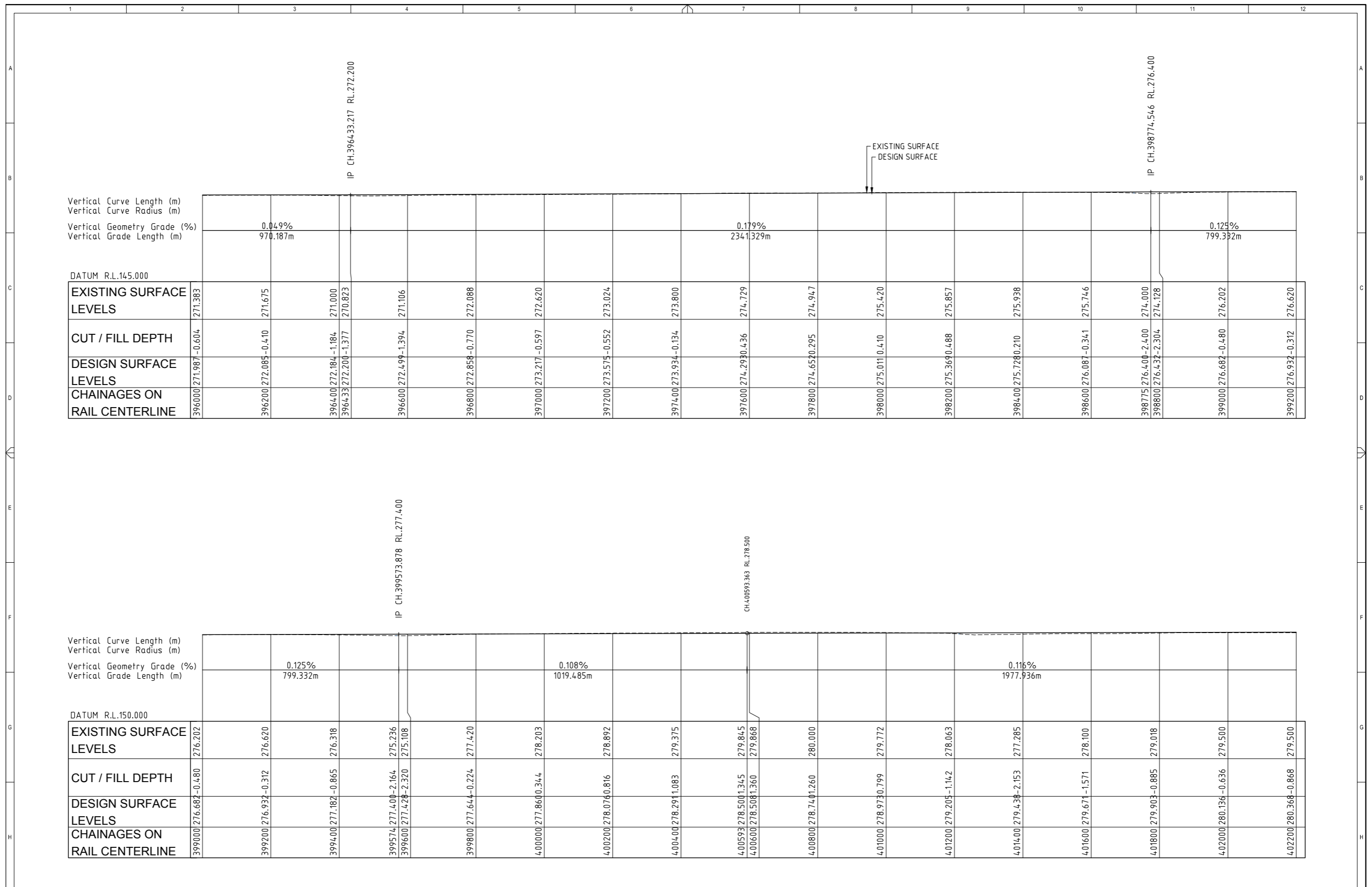
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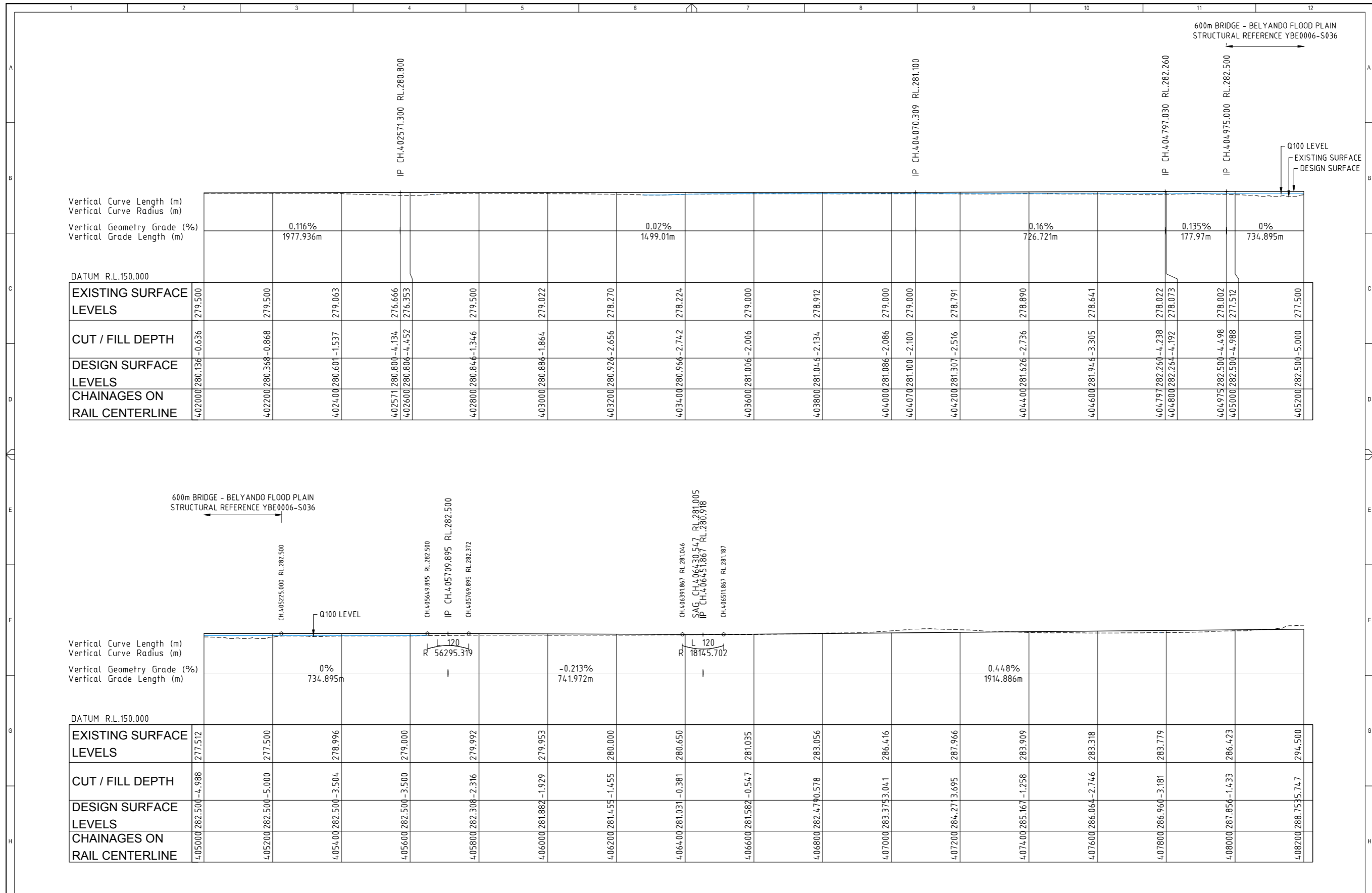
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	SCALE - AT ORIGINAL SHEET SIZE A1 HORIZ: 1:5000 VERT: 1:2500	SUITE 4, SHOP 15A 45 DAWSON HIGHWAY GLADSTONE QLD 4680 T 07 4976 9667 F 07 5570 4977 info@yeats.com.au www.yeats.com.au				STAGE / PHASE: FOR INFORMATION ONLY NOT FOR CONSTRUCTION		APPROVED: [Blank] DRG No: YBE0006-C1-465		REV: A			



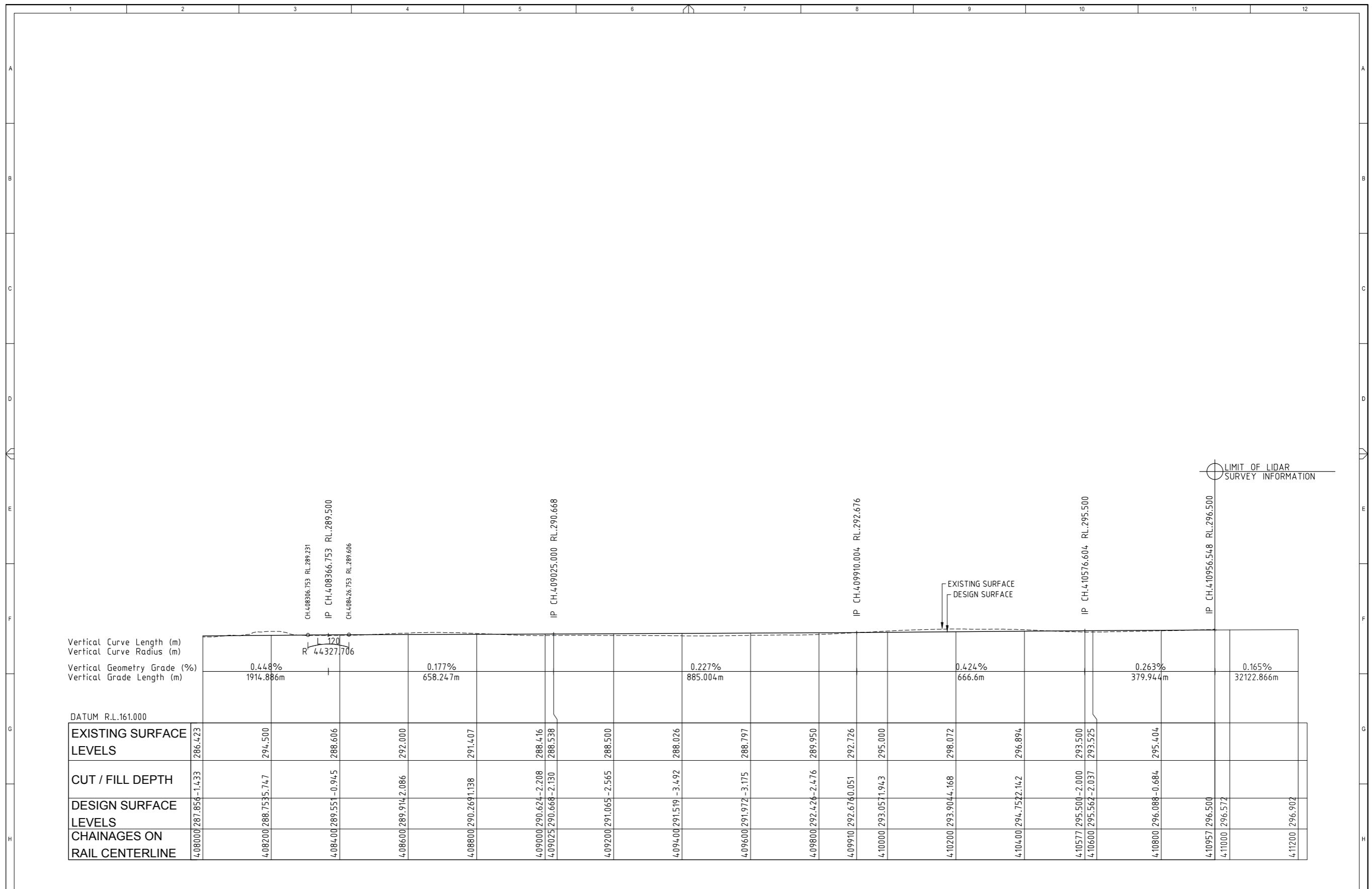
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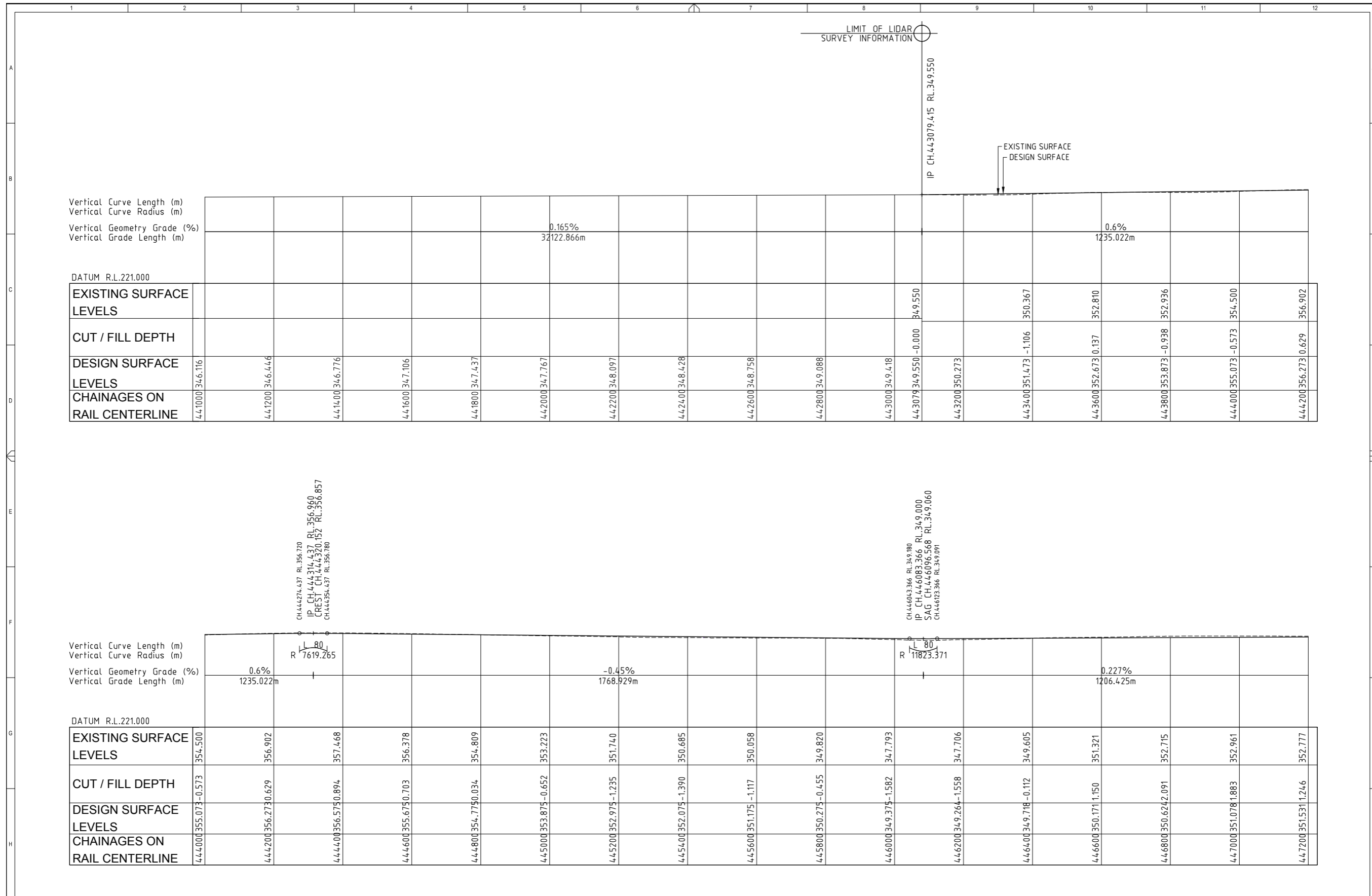
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	A H.W. H.W. 05.07.12 ORIGINAL ISSUE REV DRAWN DESIGN DATE DESCRIPTION									STAGE / PHASE FOR INFORMATION ONLY NOT FOR CONSTRUCTION				APPROVED DRG No. YBE0006-C1-467 REV A						



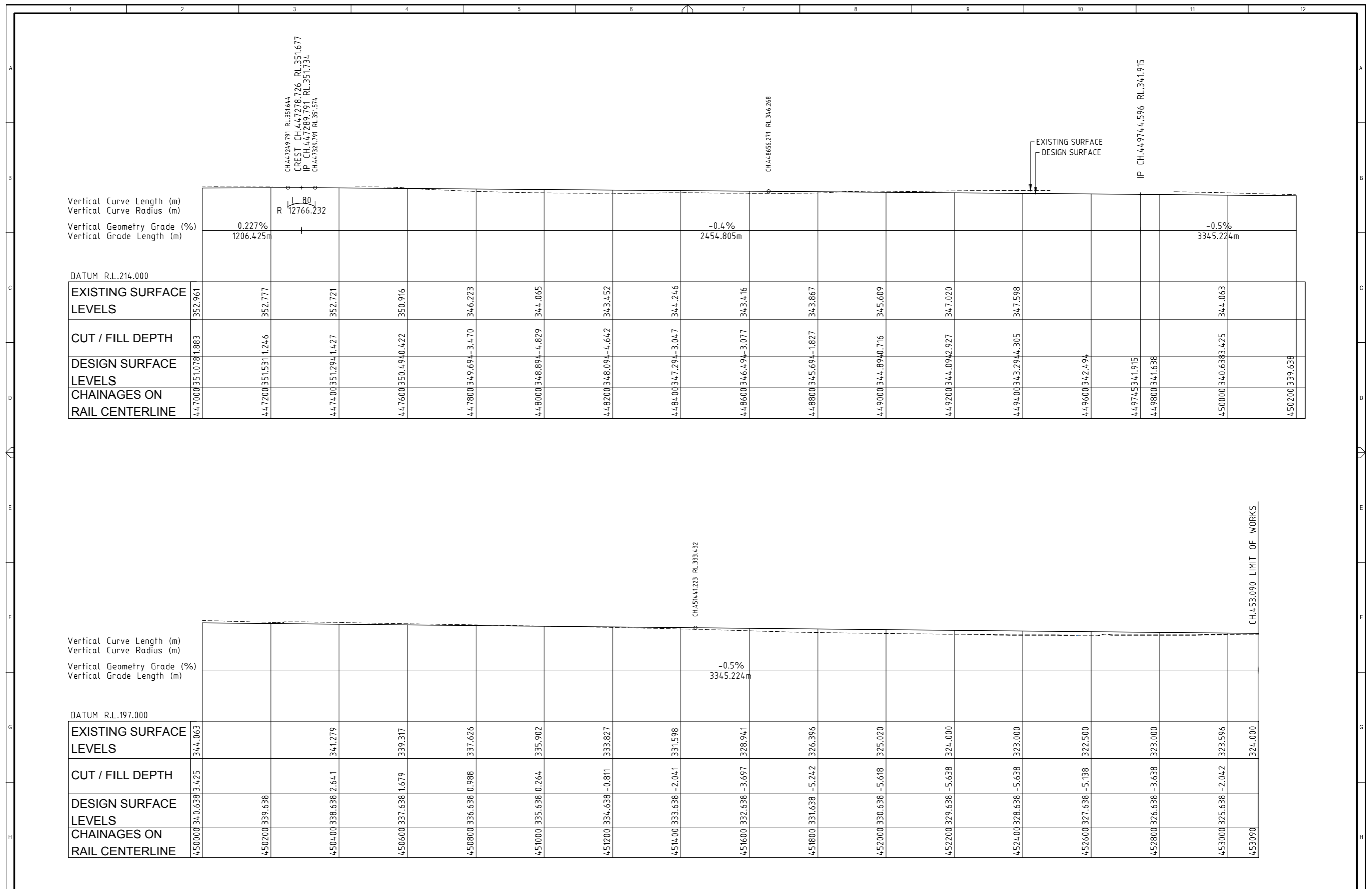
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	CLIENT WARATAH COAL	SCALE - AT ORIGINAL SHEET SIZE A1 HORIZ 1:50 0 100 200 VERT 1:25 0 50 100 1500 12500	STAGE / PHASE FOR INFORMATION ONLY NOT FOR CONSTRUCTION	APPROVED DRG No. YBE0006-C1-468		REV A	



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	SCALE - AT ORIGINAL SHEET SIZE A1 HORIZ 100 50 0 100 200 1:5000 VERT 50 25 0 50 100 1:2500	STAGE / PHASE FOR INFORMATION ONLY NOT FOR CONSTRUCTION	APPROVED	ORG No. YBE0006-C1-469			



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