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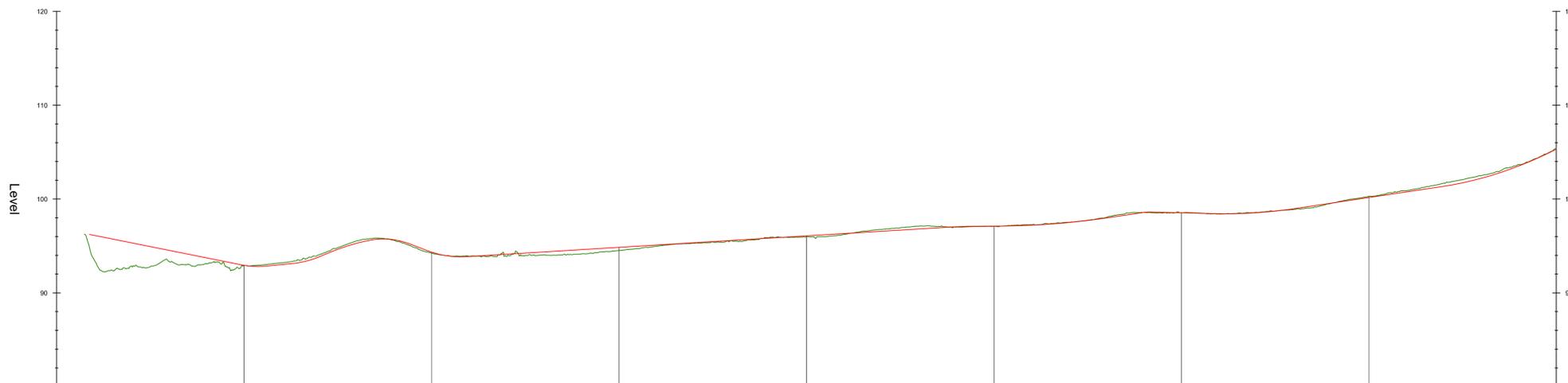
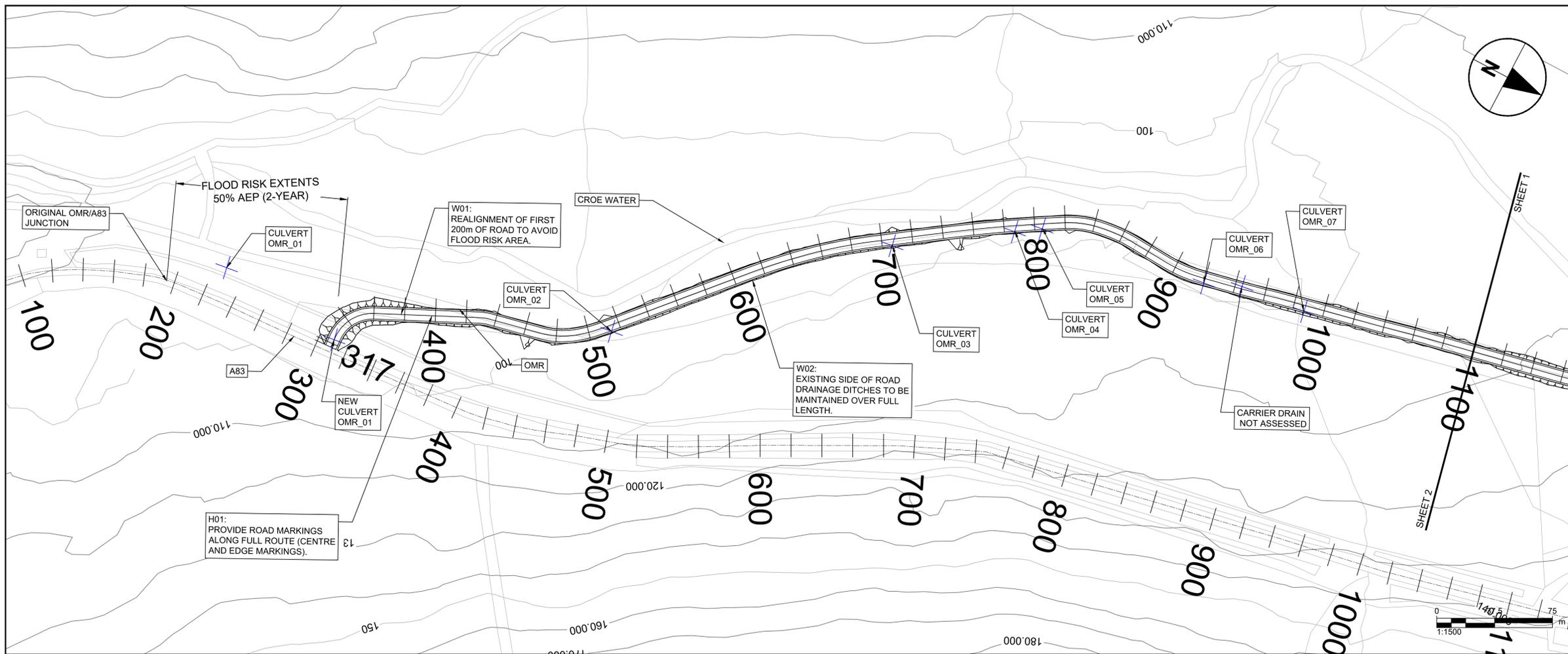
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PLAN VIEW KEY

- EXISTING DEBRIS FLOW BARRIER
- PROPOSED DEBRIS FLOW BARRIER
- PROPOSED ROCKFALL CATCH FENCE
- PROPOSED ROCKFALL ATTENUATOR BARRIER
- EXISTING HESCO BUND
- EXISTING CATCH PITS
- PROPOSED PERMANENT BUND
- PROPOSED CATCH PIT
- PROPOSED CATCH PIT EXTENSION
- PROPOSED QUARRY BERM/CATCH PIT
- PROPOSED CHANNEL BRIDGES/LARGE CULVERTS
- PROPOSED ROCK AVALANCHE SHELTER
- EXISTING SOIL NAILING
- EXISTING CULVERTS
- PHASES OF EXISTING AND PROPOSED MITIGATION AT A83 TRUNK ROAD

PROFILE VIEW KEY

- EXISTING GROUND
- PROPOSED DESIGN



CHAINAGE	300,000	400,000	500,000	600,000	700,000	800,000	900,000	1,000,000	1,100,000	
EXISTING LEVELS	92.538	94.242	94.820	95.889	97.088	98.555	100.270	105.420	105.420	
PROPOSED LEVELS	92.941	94.347	94.862	96.033	97.119	98.541	100.197	105.312	105.312	
LEVEL DIFFERENCE	0.000	0.105	0.133	0.094	0.031	-0.014	-0.103	-0.107	-0.107	
HORIZONTAL GEOMETRY	<p>Horizontal alignment details including curve types (Sight, Tangent, Sag, Hog), radii (R), lengths (L), and grades (G).</p>									
VERTICAL GEOMETRY	<p>Vertical alignment details including curve types (Sag, Hog), grades (G), lengths (L), and K-values.</p>									

P01	14/03/22	FIRST ISSUE	EA	MS	RH	RH
Rev	Rev. Date	Purpose of revision	Orig	Check'd	Rev'd	Appr'd

Jacobs. AECOM



Drawing title
**A83 MEDIUM TERM SOLUTION
 INDICATIVE OMR INTERVENTIONS
 OVERVIEW
 SHEET 1 OF 6**

Drawing status	S2 - SUITABLE FOR INFORMATION	Suitability	S2
Scale	AS SHOWN	DO NOT SCALE	
Jacobs No.	A83OMR		
Client No.			P01
Drawing number	A83OMR-ACM-HGN-ZZ_ZZ-SK-CH-1041		

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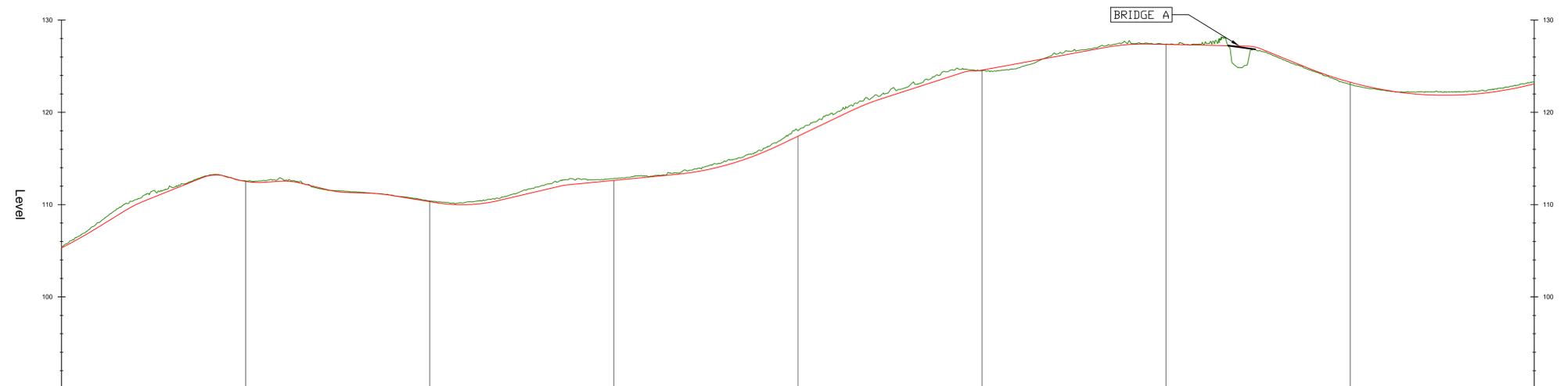
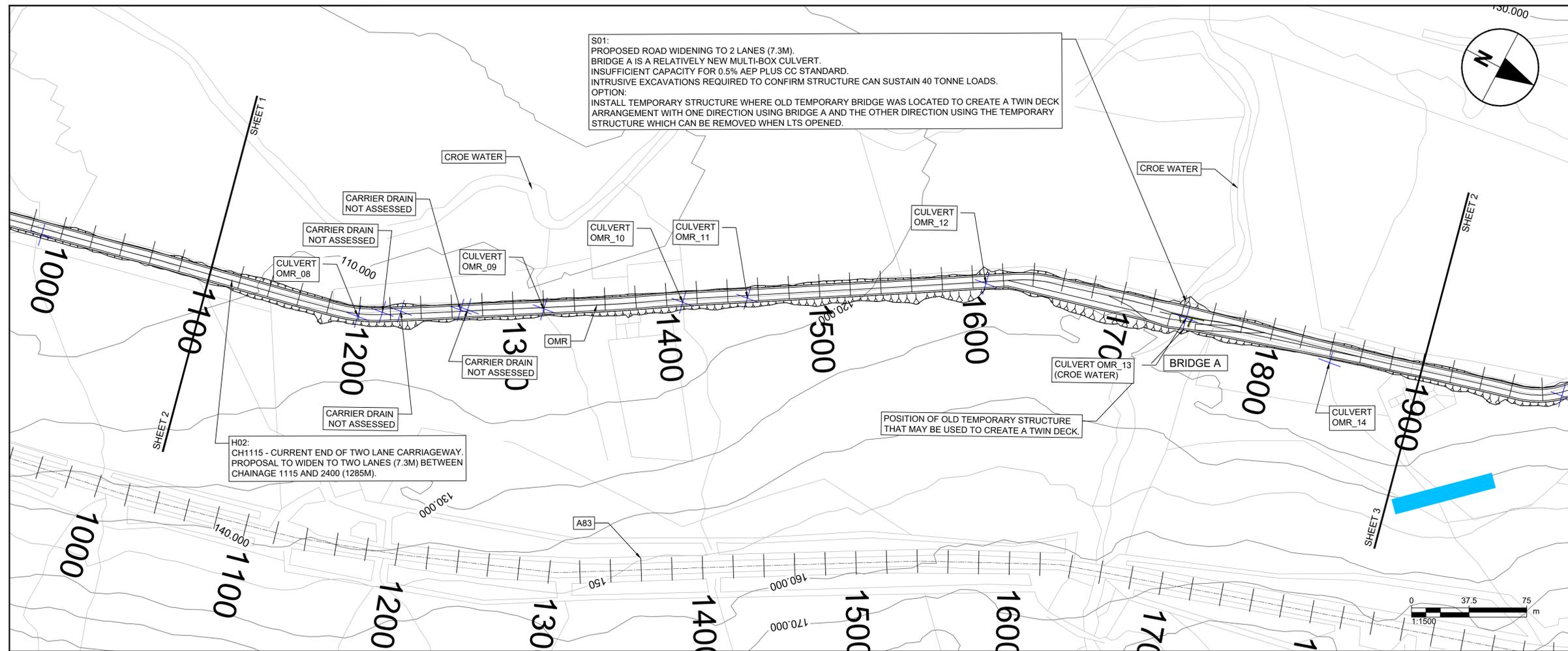
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PROFILE VIEW KEY

- EXISTING GROUND
- PROPOSED DESIGN

S01: PROPOSED ROAD WIDENING TO 2 LANES (7.3M). BRIDGE A IS A RELATIVELY NEW MULTI-BOX CULVERT. INSUFFICIENT CAPACITY FOR 0.5% AEP PLUS CC STANDARD. INTRUSIVE EXCAVATIONS REQUIRED TO CONFIRM STRUCTURE CAN SUSTAIN 40 TONNE LOADS. OPTION: INSTALL TEMPORARY STRUCTURE WHERE OLD TEMPORARY BRIDGE WAS LOCATED TO CREATE A TWIN DECK ARRANGEMENT WITH ONE DIRECTION USING BRIDGE A AND THE OTHER DIRECTION USING THE TEMPORARY STRUCTURE WHICH CAN BE REMOVED WHEN LTS OPENED.

H02: CH1115 - CURRENT END OF TWO LANE CARRIAGEWAY. PROPOSAL TO WIDEN TO TWO LANES (7.3M) BETWEEN CHAINAGE 1115 AND 2400 (1285M).



CHAINAGE	EXISTING LEVELS	PROPOSED LEVELS	LEVEL DIFFERENCE	HORIZONTAL GEOMETRY	VERTICAL GEOMETRY
1100.000	105.459	105.512	-0.107	Straight L=81.15	Sag Curve L=79.99
1200.000	112.567	112.512	-0.055	Curve R=1000.00	Straight L=32.44
1300.000	110.405	110.319	-0.086	Curve R=1000.00	Sag Curve L=13.30
1400.000	112.818	112.819	-0.109	Curve R=1000.00	Straight L=34.67
1500.000	115.007	117.406	-0.001	Straight L=105.14	Straight L=33.00
1600.000	124.525	124.581	0.052	Curve R=1588.61	Straight L=37.74
1700.000	127.392	127.399	-0.003	Curve R=1000.00	Sag Curve L=22.78
1800.000	123.024	123.297	0.273	Curve R=1000.00	Straight L=34.29
1900.000	123.371	123.693	-0.328	Curve R=1000.00	Straight L=17.01

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Jacobs. AECOM



Drawing title
**A83 MEDIUM TERM SOLUTION
 INDICATIVE OMR INTERVENTIONS
 OVERVIEW
 SHEET 2 OF 6**

Drawing status	S2 - SUITABLE FOR INFORMATION	Suitability	S2
Scale	AS SHOWN	DO NOT SCALE	
Jacobs No.	A83OMR		
Client No.			P01

Drawing number
A83OMR-ACM-HGN-ZZ_ZZ-SK-CH-1042

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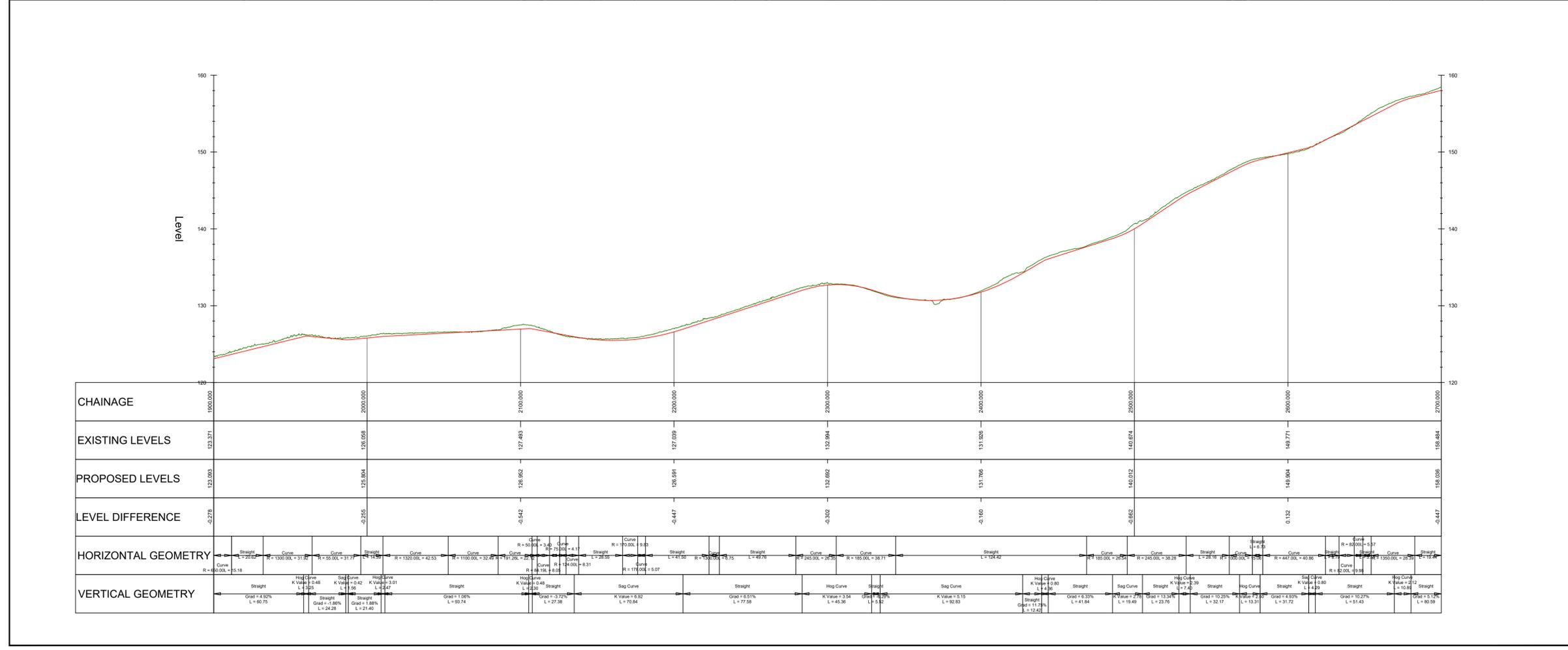
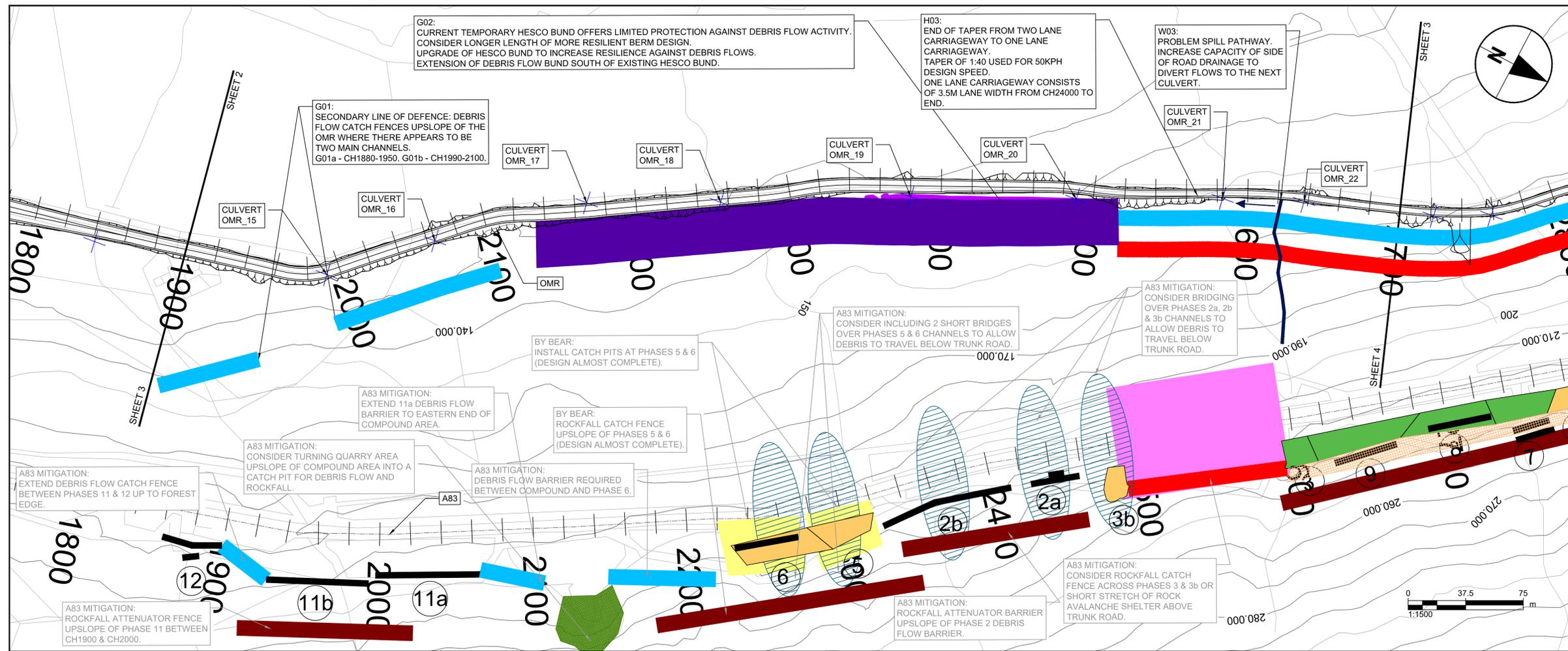
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- EXISTING GROUND
- PROPOSED DESIGN



P01	14/03/22	FIRST ISSUE	EA	MS	RH	RH
Rev	Rev. Date	Purpose of revision	Orig	Check'd	Rev'd	Apprv'd

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Drawing title
**A83 MEDIUM TERM SOLUTION
 INDICATIVE OMR INTERVENTIONS
 OVERVIEW
 SHEET 3 OF 6**

Drawing status	S2 - SUITABLE FOR INFORMATION	Suitability	S2
Scale	AS SHOWN	DO NOT SCALE	
Jacobs No.	A83OMR		
Client No.			P01
Drawing number	A83OMR-ACM-HGN-ZZ_ZZ-SK-CH-1043		

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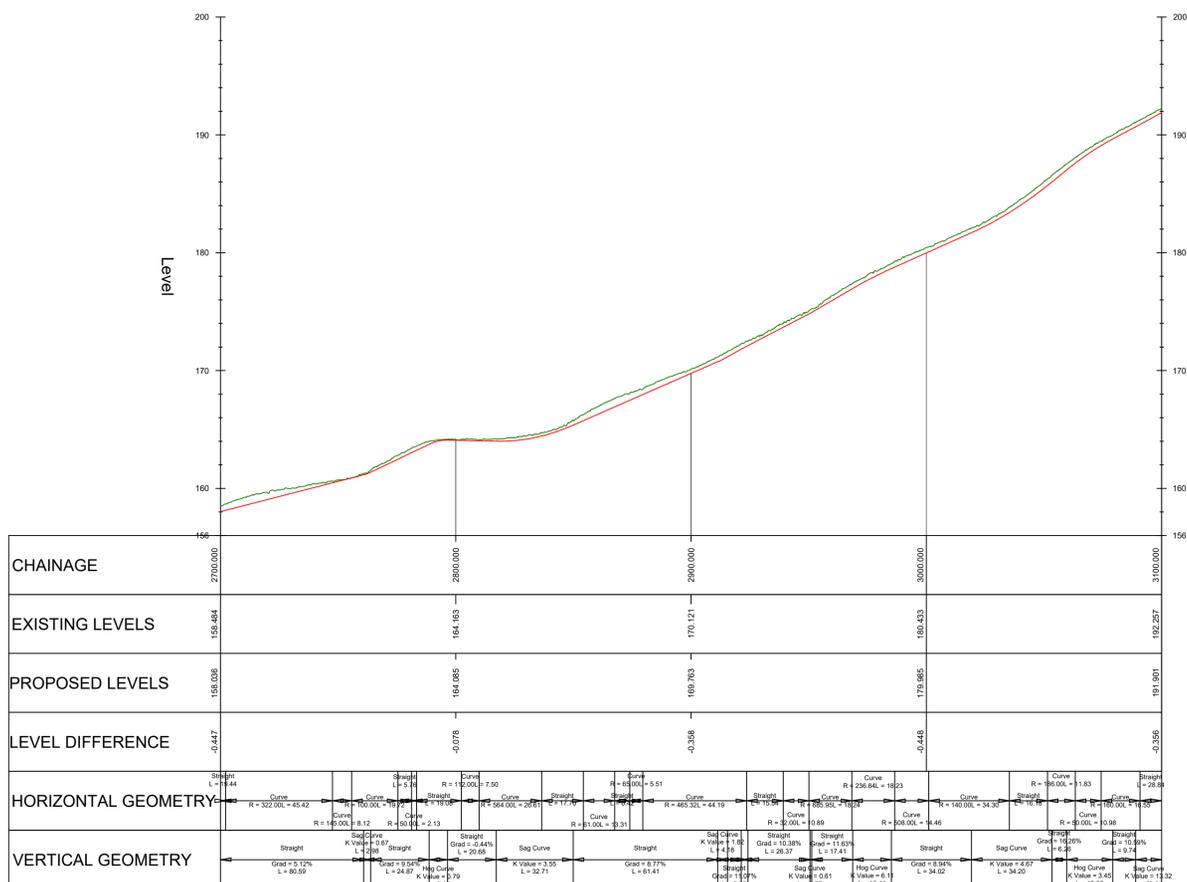
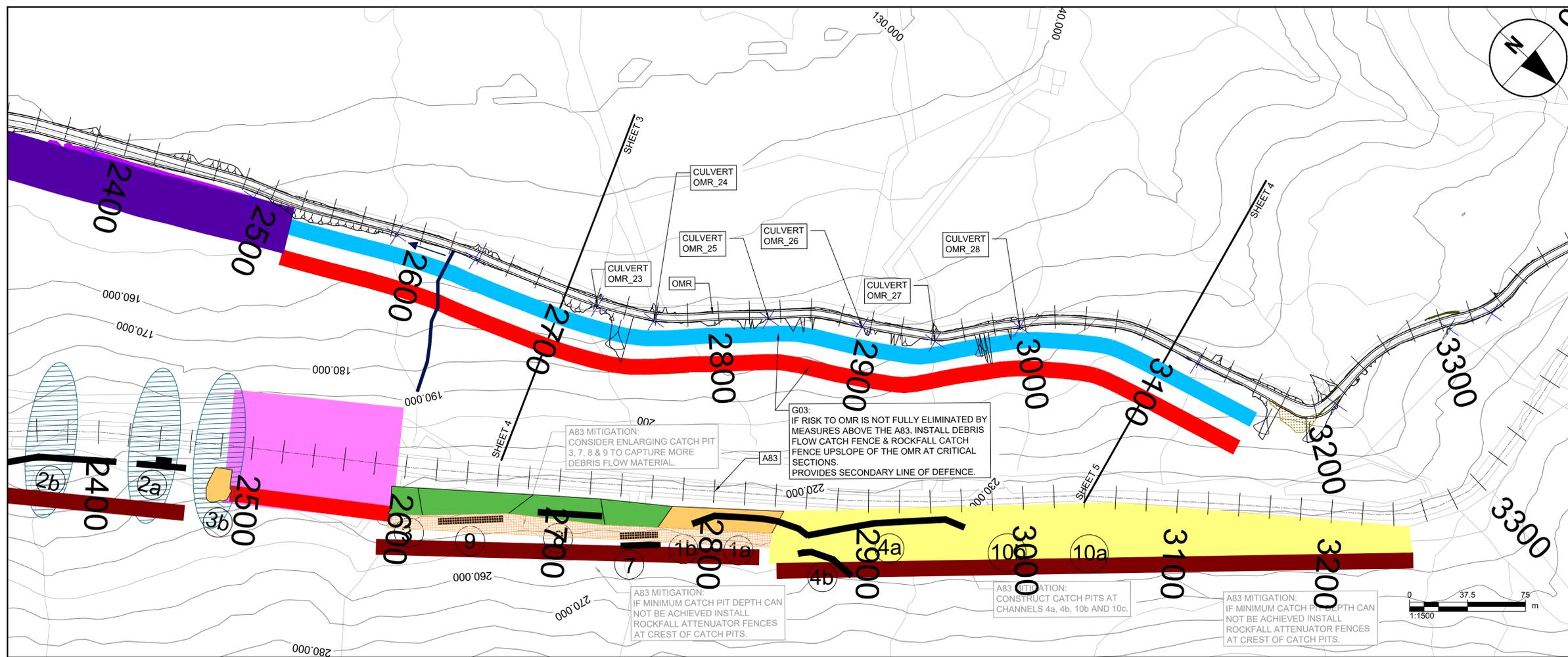
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CHAINAGE	EXISTING LEVELS	PROPOSED LEVELS	LEVEL DIFFERENCE	HORIZONTAL GEOMETRY	VERTICAL GEOMETRY
2700.000	158.484	158.036	-0.447	Straight L=14.44	Grade = 5.12% L=80.89
2800.000	164.183	164.086	-0.097	Curve R=322.000 L=43.42	Sag Curve K Value = 1.06 L=24.87
2900.000	171.101	170.609	-0.492	Curve R=120.000 L=7.50	Sag Curve K Value = 3.55 L=32.71
3000.000	180.433	179.985	-0.448	Curve R=65.000 L=5.51	Grade = 8.77% L=61.41
3100.000	192.297	191.841	-0.456	Curve R=405.000 L=44.15	Grade = 11.03% L=34.02

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Client: **TRANSPORT SCOTLAND** CÒMHHAIL ALBA

Project: **ACCESS ARGYLL & BUTE [A83]**

Drawing title: **A83 MEDIUM TERM SOLUTION INDICATIVE OMR INTERVENTIONS OVERVIEW SHEET 4 OF 6**

Drawing status: **S2 - SUITABLE FOR INFORMATION** Suitability: **S2**

Scale: **AS SHOWN** DO NOT SCALE

Jacobs No. **A83OMR**

Client No. **P01**

Drawing number: **A83OMR-ACM-HGN-ZZ_ZZ-SK-CH-1044**

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